

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082619\  
 Data File : BG042493.D  
 Acq On : 26 Aug 2019 10:34  
 Operator : HP/JU  
 Sample : PB122510BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB122510BS

Manual Integrations  
 APPROVED

JAGRUT  
 8/27/2019 7:51:29 AM

Quant Time: Aug 27 01:37:19 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 22 14:29:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 48942    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.82 | 136  | 199310   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.66 | 164  | 136957   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.41 | 188  | 307457   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.69 | 240  | 337971   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.93 | 264  | 373527   | 20.00 | ng    | -0.01    |

|                             |       |     |        |        |    |      |
|-----------------------------|-------|-----|--------|--------|----|------|
| System Monitoring Compounds |       |     |        |        |    |      |
| 5) 2-Fluorophenol           | 5.56  | 112 | 283162 | 117.18 | ng | 0.00 |
| 7) Phenol-d6                | 7.17  | 99  | 354203 | 108.51 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.17  | 82  | 179809 | 62.34  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.15 | 330 | 181906 | 93.45  | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.28 | 172 | 535250 | 66.10  | ng | 0.00 |
| 79) Terphenyl-d14           | 20.02 | 244 | 976662 | 62.47  | ng | 0.00 |

|                                |       |     |        |           |        |
|--------------------------------|-------|-----|--------|-----------|--------|
| Target Compounds               |       |     |        |           | Qvalue |
| 2) 1,4-Dioxane                 | 3.41  | 88  | 39391  | 39.060 ng | 97     |
| 3) Pyridine                    | 3.82  | 79  | 83309  | 32.216 ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.73  | 42  | 36847  | 39.895 ng | 91     |
| 6) Aniline                     | 7.32  | 93  | 128406 | 29.493 ng | 99     |
| 8) 2-Chlorophenol              | 7.56  | 128 | 122923 | 41.972 ng | 97     |
| 9) Benzaldehyde                | 7.13  | 77  | 73731  | 45.118 ng | 94     |
| 10) Phenol                     | 7.19  | 94  | 140208 | 42.246 ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.41  | 93  | 103812 | 39.828 ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146 | 137503 | 36.907 ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.03  | 146 | 140409 | 37.206 ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146 | 135452 | 37.480 ng | 99     |
| 15) Benzyl Alcohol             | 8.24  | 79  | 89889  | 38.277 ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45  | 133202 | 37.704 ng | 98     |
| 17) 2-Methylphenol             | 8.45  | 107 | 99351  | 40.642 ng | 99     |
| 18) Hexachloroethane           | 9.09  | 117 | 47248  | 36.572 ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.81  | 70  | 78924  | 37.321 ng | 96     |
| 20) 3+4-Methylphenols          | 8.78  | 107 | 133057 | 39.336 ng | 99     |
| 22) Acetophenone               | 8.82  | 105 | 170406 | 39.974 ng | 98     |
| 24) Nitrobenzene               | 9.21  | 77  | 116256 | 39.805 ng | 98     |
| 25) Isophorone                 | 9.73  | 82  | 212190 | 37.278 ng | 98     |
| 26) 2-Nitrophenol              | 9.93  | 139 | 73136  | 39.959 ng | 98     |
| 27) 2,4-Dimethylphenol         | 9.99  | 122 | 109459 | 43.415 ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.22 | 93  | 135469 | 37.761 ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.47 | 162 | 130219 | 39.477 ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.68 | 180 | 147603 | 36.455 ng | 96     |
| 31) Naphthalene                | 10.87 | 128 | 363230 | 39.253 ng | 99     |
| 32) Benzoic acid               | 10.14 | 122 | 51556  | 31.550 ng | 99     |
| 33) 4-Chloroaniline            | 10.98 | 127 | 97670  | 22.865 ng | 98     |
| 34) Hexachlorobutadiene        | 11.16 | 225 | 94969  | 34.901 ng | 97     |
| 35) Caprolactam                | 11.75 | 113 | 39425m | 35.819 ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107 | 118788 | 37.935 ng | 98     |
| 37) 2-Methylnaphthalene        | 12.48 | 142 | 281298 | 37.859 ng | 99     |
| 38) 1-Methylnaphthalene        | 12.70 | 142 | 261818 | 37.097 ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.85 | 216 | 175599 | 39.925 ng | 99     |

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 Sample : PB122510BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB122510BS

Manual Integrations  
 APPROVED

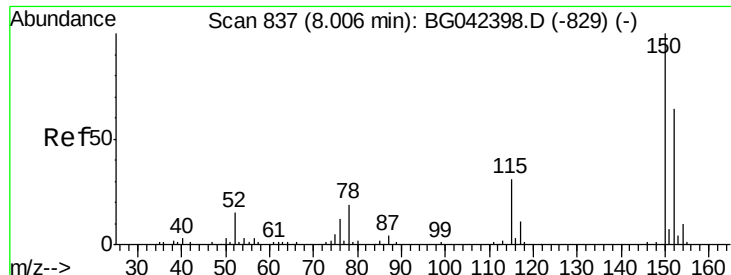
JAGRUT  
 8/27/2019 7:51:29 AM

Quant Time: Aug 27 01:37:19 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 22 14:29:15 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.83 | 237  | 189460   | 82.006 | nq    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.09 | 196  | 114347   | 38.463 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.18 | 196  | 122327   | 39.707 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 13.49 | 154  | 359974   | 40.661 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.53 | 162  | 294683   | 38.603 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.73 | 65   | 67565    | 36.704 | nq    | 99       |
| 49) Acenaphthylene             | 14.38 | 152  | 460095   | 40.062 | nq    | 99       |
| 50) Dimethylphthalate          | 14.11 | 163  | 363091   | 36.743 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.23 | 165  | 87524    | 38.211 | nq    | 96       |
| 52) Acenaphthene               | 14.72 | 154  | 268196   | 38.459 | nq    | 98       |
| 53) 3-Nitroaniline             | 14.56 | 138  | 61380    | 26.794 | nq    | 95       |
| 54) 2,4-Dinitrophenol          | 14.77 | 184  | 91903    | 61.124 | nq    | 96       |
| 55) Dibenzofuran               | 15.06 | 168  | 452101   | 39.166 | nq    | 100      |
| 56) 4-Nitrophenol              | 14.89 | 139  | 127986   | 78.627 | nq    | 99       |
| 57) 2,4-Dinitrotoluene         | 15.02 | 165  | 120063   | 36.604 | nq    | 93       |
| 58) Fluorene                   | 15.71 | 166  | 362517   | 38.418 | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.29 | 232  | 115140m  | 37.793 | nq    |          |
| 60) Diethylphthalate           | 15.47 | 149  | 353686   | 36.613 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.70 | 204  | 209255   | 36.788 | nq    | 99       |
| 62) 4-Nitroaniline             | 15.73 | 138  | 88610    | 36.142 | nq    | 98       |
| 63) Azobenzene                 | 15.99 | 77   | 256951   | 38.818 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 74578    | 38.689 | nq    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.91 | 169  | 332272   | 39.297 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.60 | 248  | 141211   | 36.209 | nq    | 100      |
| 68) Hexachlorobenzene          | 16.72 | 284  | 146831   | 34.634 | nq    | 98       |
| 69) Atrazine                   | 16.86 | 200  | 120075   | 40.158 | nq    | 99       |
| 70) Pentachlorophenol          | 17.07 | 266  | 169148   | 76.789 | nq    | 99       |
| 71) Phenanthrene               | 17.45 | 178  | 603039   | 39.487 | nq    | 100      |
| 72) Anthracene                 | 17.55 | 178  | 618130   | 40.544 | nq    | 99       |
| 73) Carbazole                  | 17.82 | 167  | 550758   | 40.533 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.37 | 149  | 645663   | 40.198 | nq    | 100      |
| 75) Fluoranthene               | 19.46 | 202  | 790755   | 42.426 | nq    | 98       |
| 77) Benzidine                  | 19.64 | 184  | 339446   | 35.031 | nq    | 99       |
| 78) Pyrene                     | 19.83 | 202  | 797203   | 38.473 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.71 | 149  | 315926   | 38.764 | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.67 | 228  | 801302   | 38.975 | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.58 | 252  | 277595   | 33.572 | nq    | 99       |
| 83) Chrysene                   | 21.74 | 228  | 778631   | 39.270 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.57 | 149  | 455494   | 40.253 | nq    | 98       |
| 85) Di-n-octyl phthalate       | 22.79 | 149  | 791702   | 40.679 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.63 | 276  | 1023431  | 37.982 | nq    | # 94     |
| 88) Benzo(b)fluoranthene       | 23.90 | 252  | 882145   | 42.958 | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 23.97 | 252  | 858807   | 43.509 | nq    | 99       |
| 90) Benzo(a)pyrene             | 24.77 | 252  | 863493   | 44.313 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.69 | 278  | 844708   | 42.814 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.80 | 276  | 851770   | 43.165 | nq    | 98       |

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





#1

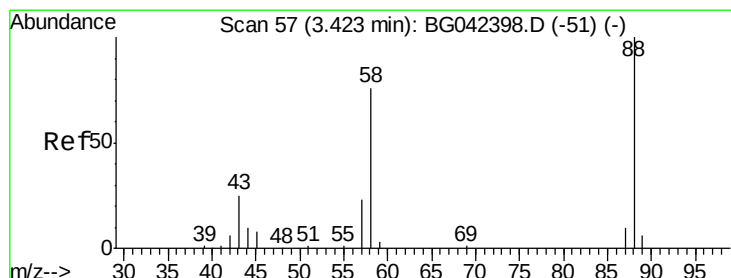
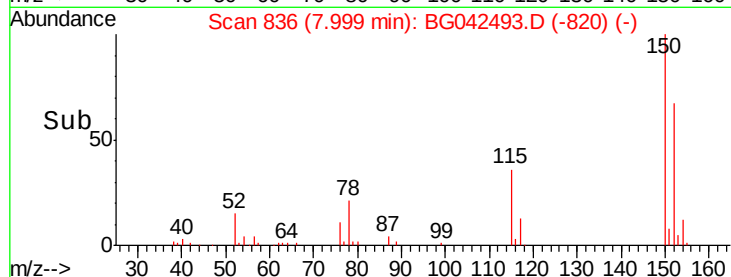
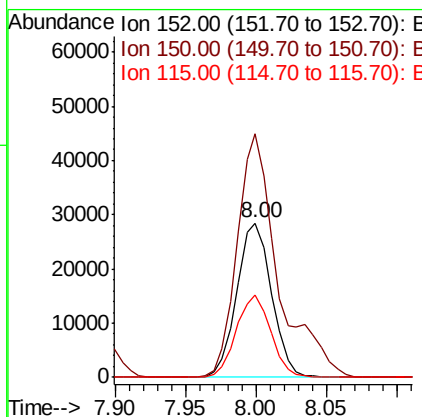
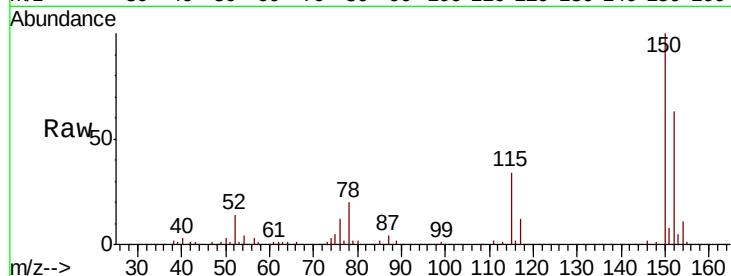
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 836  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

Instrument :  
BNA\_G  
ClientSampleId :  
PB122510BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.0 | 125.4 | 188.0 |
| 115     | 53.6  | 38.5  | 57.7  |

Manual Integrations  
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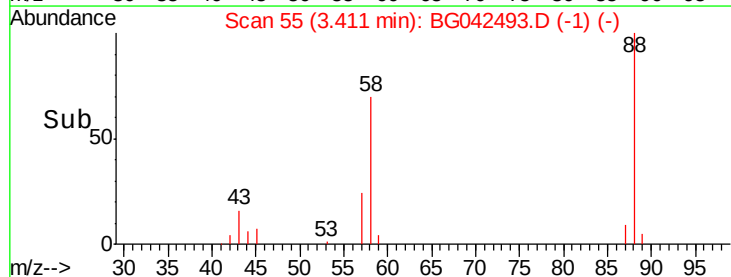
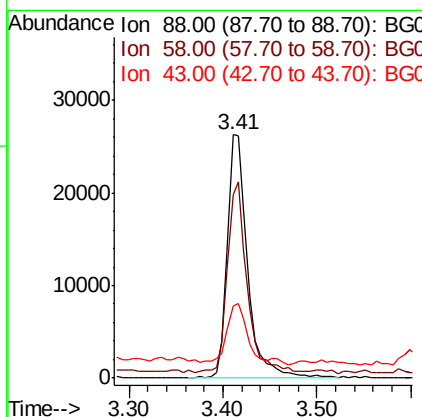
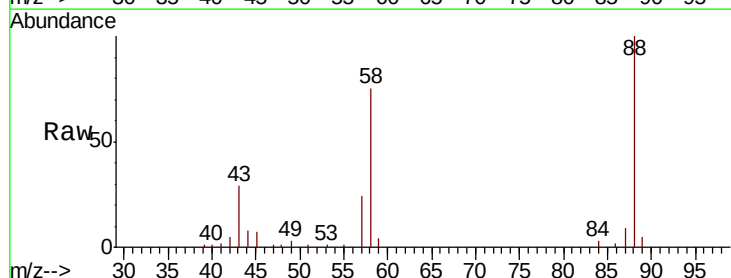
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8/27/2019 7:51:29 AM

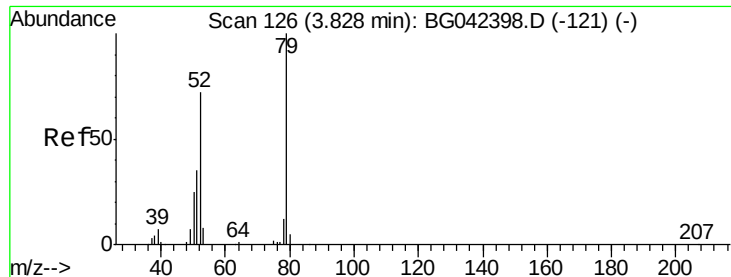


#2

1,4-Dioxane  
Concen: 39.060 ng  
RT: 3.41 min Scan# 55  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 74.7  | 58.3  | 87.5  |
| 43      | 21.7  | 20.2  | 30.2  |





#3

Pvridine

Concen: 32.216 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA\_G

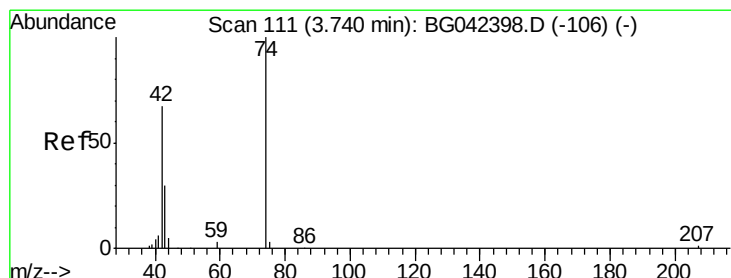
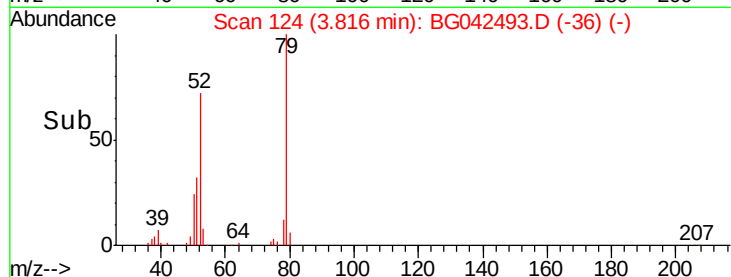
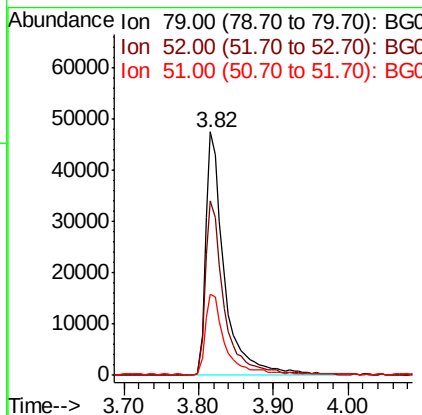
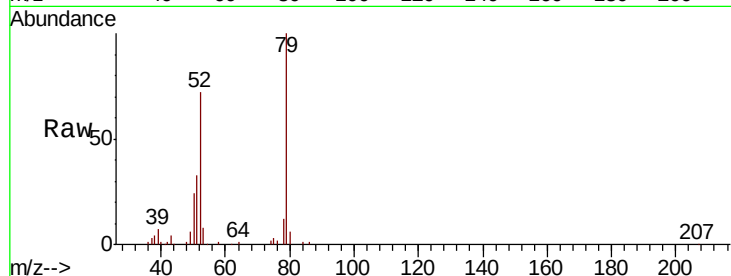
ClientSampleId :

PB122510BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 83309 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 71.8  | 57.7  | 86.5  |
| 51       | 33.1  | 28.8  | 43.2  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 39.895 ng

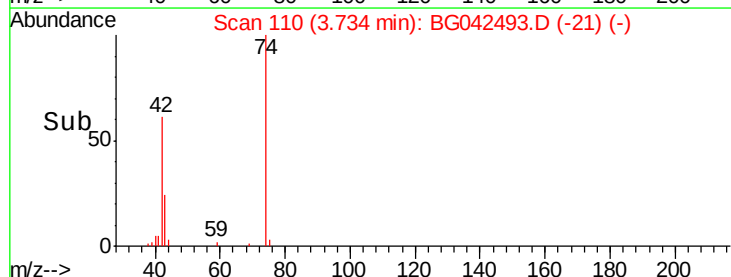
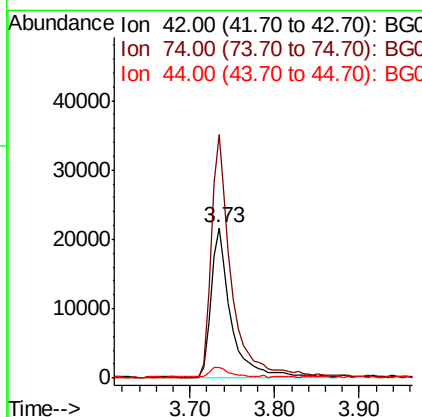
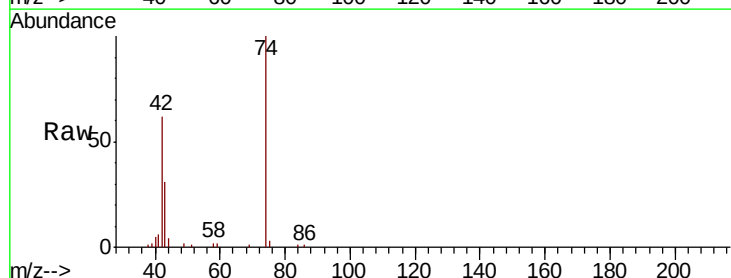
RT: 3.73 min Scan# 110

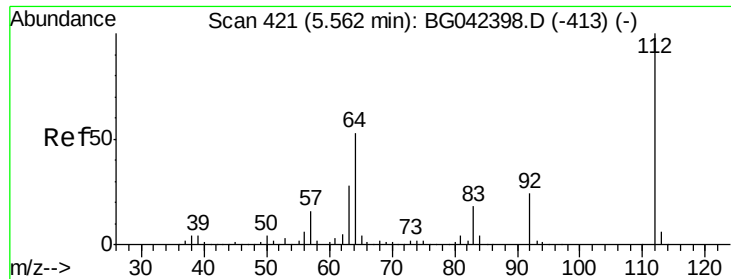
Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 36847 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 162.0 | 119.6 | 179.4 |
| 44       | 7.0   | 6.5   | 9.7   |





#5

2-Fluorophenol

Concen: 117.177 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA\_G

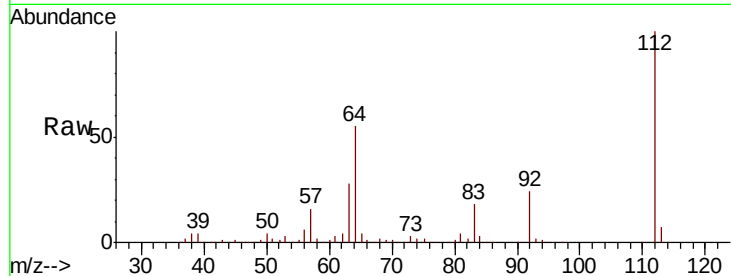
ClientSampleId :

PB122510BS

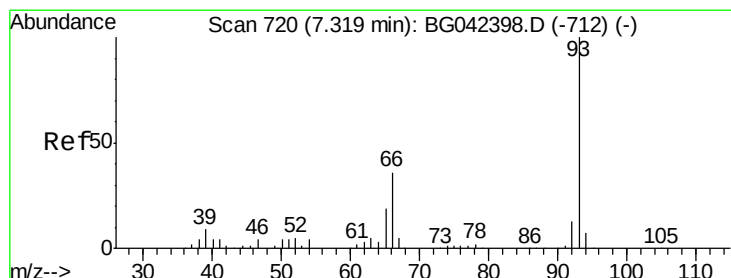
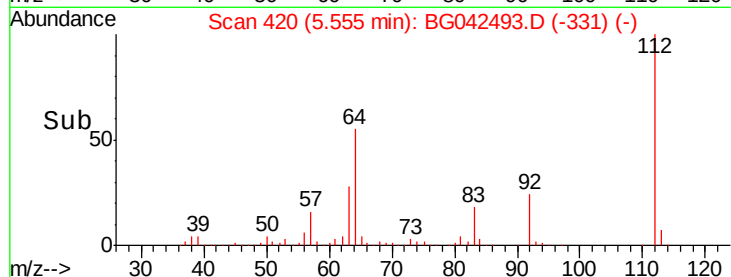
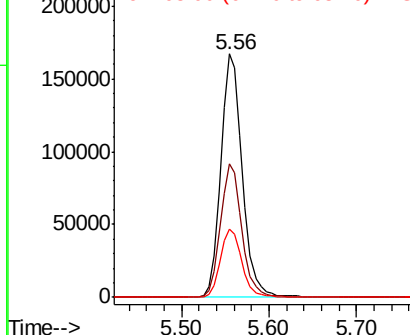
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 112     | 100  |       | 283162 |       |       |
| 64      | 54.6 | 42.8  | 64.2   |       |       |
| 63      | 28.1 | 22.7  | 34.1   |       |       |

Manual Integrations  
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Abundance Ion 112.00 (111.70 to 112.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.493 ng

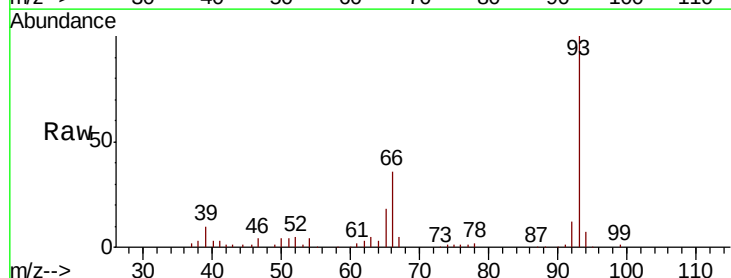
RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

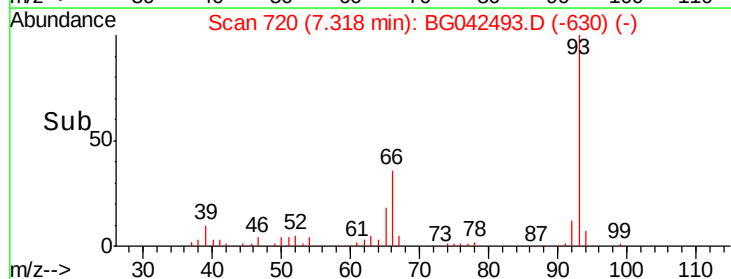
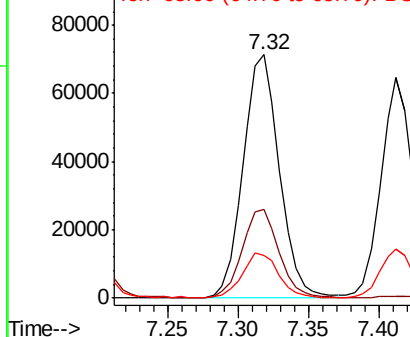
Lab File: BG042493.D

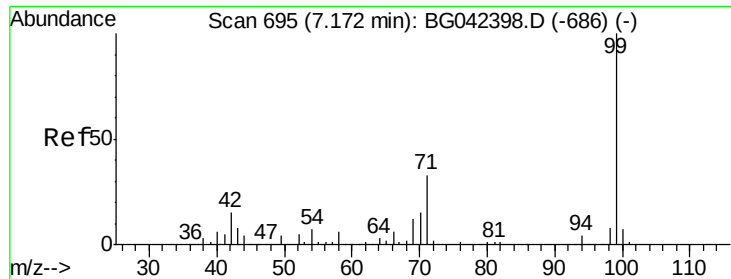
Acq: 26 Aug 2019 10:34

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 128406 |       |       |
| 66      | 36.4 | 29.0  | 43.6   |       |       |
| 65      | 17.7 | 15.2  | 22.8   |       |       |



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 108.511 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA\_G

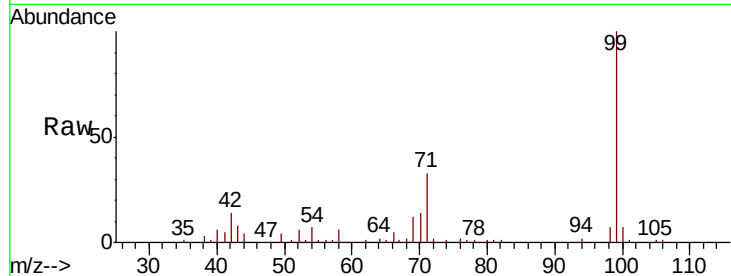
ClientSampled :

PB122510BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 354203 |       |       |
| 42      | 14.4 | 12.0  | 18.0   |       |       |
| 71      | 32.9 | 26.3  | 39.5   |       |       |

Manual Integrations  
APPROVED

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8/27/2019 7:51:29 AM

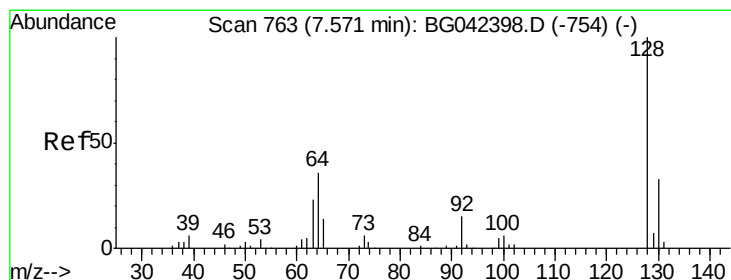
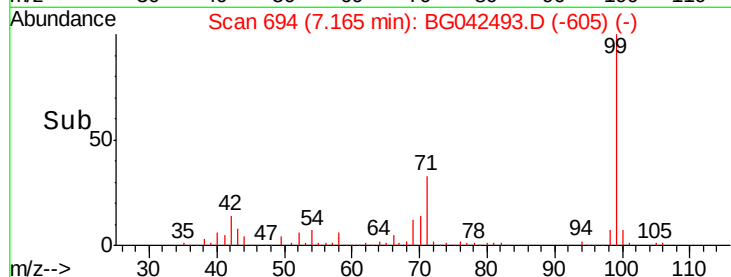
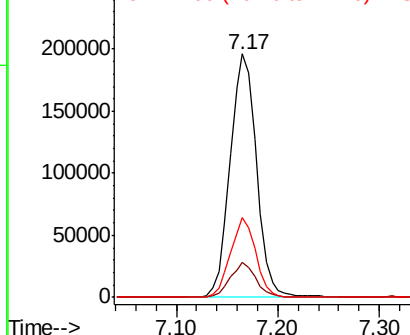


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.972 ng

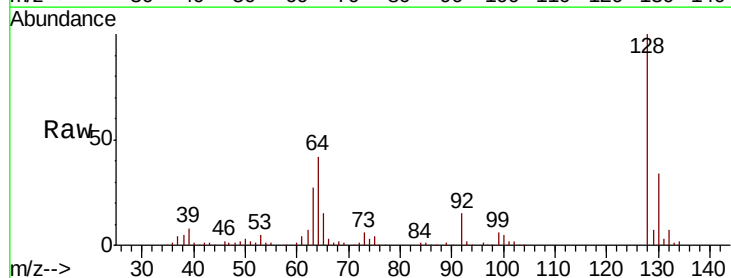
RT: 7.56 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 122923 |       |       |
| 130     | 34.1 | 12.8  | 52.8   |       |       |
| 64      | 41.6 | 19.2  | 59.2   |       |       |

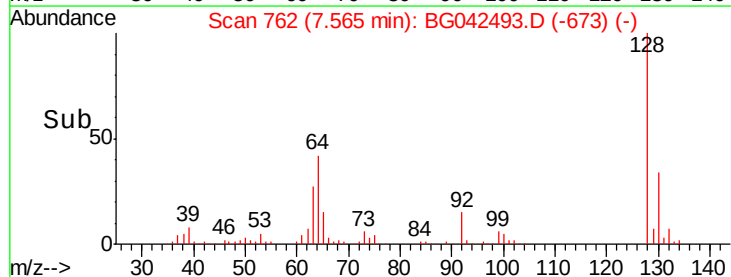
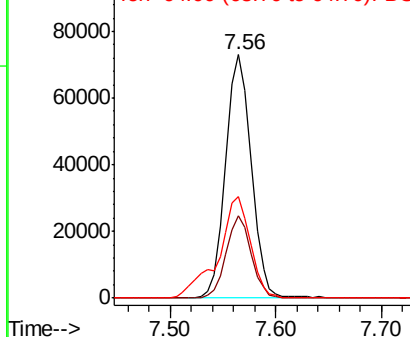


Abundance

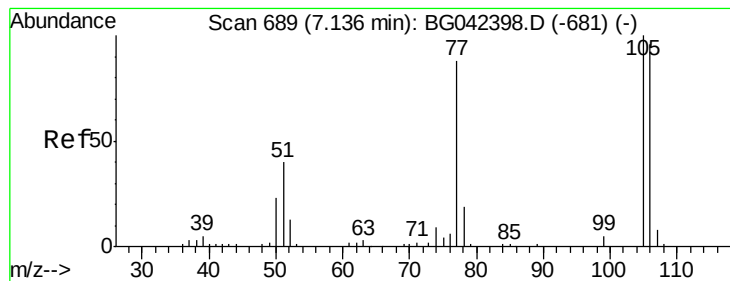
Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC







#9

Benzaldehyde

Concen: 45.118 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA\_G

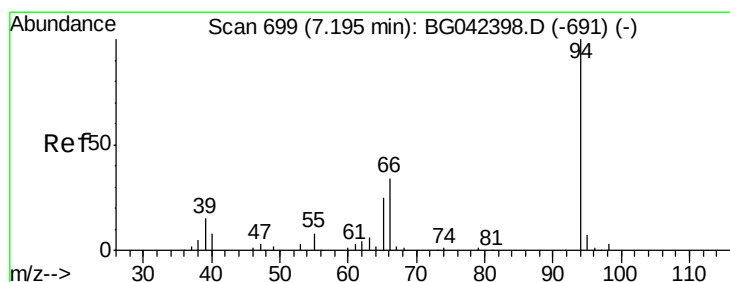
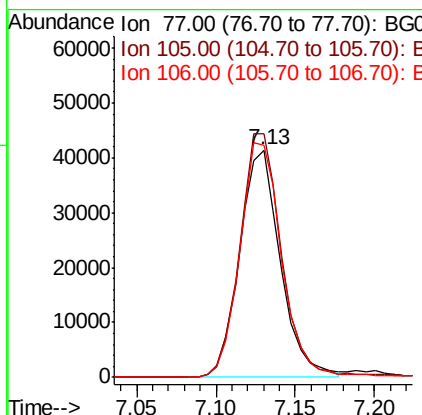
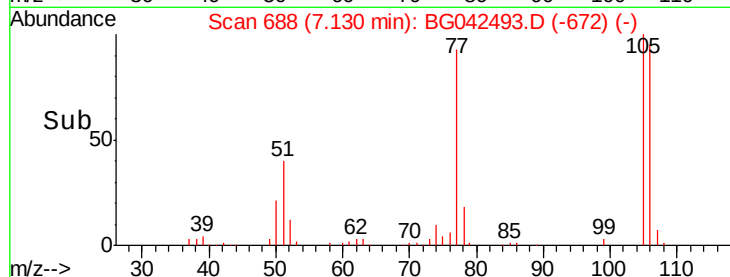
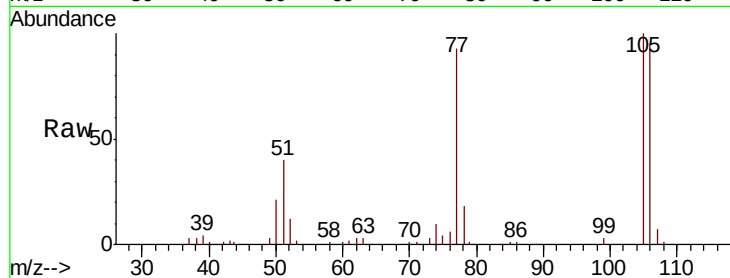
ClientSampleId :

PB122510BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 73731 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 107.0 | 93.4  | 133.4 |
| 106      | 101.9 | 88.4  | 128.4 |

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#10

Phenol

Concen: 42.246 ng

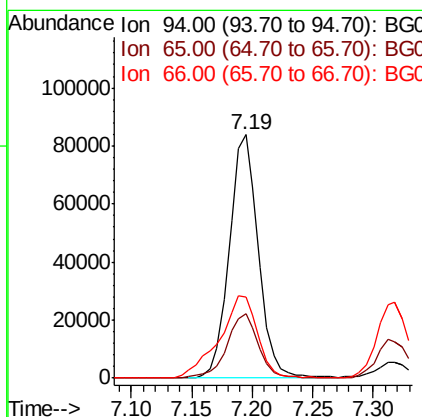
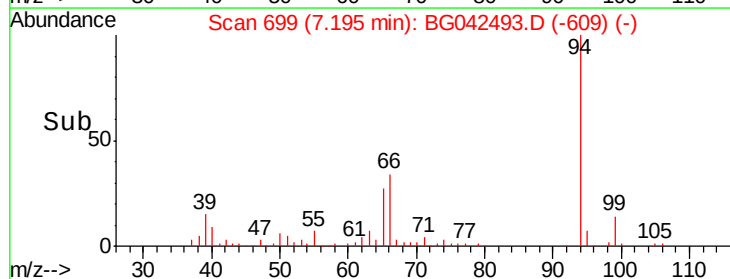
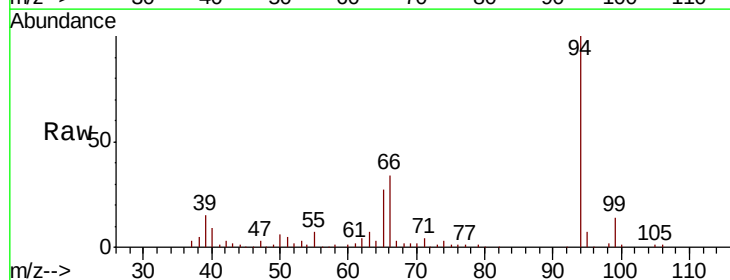
RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

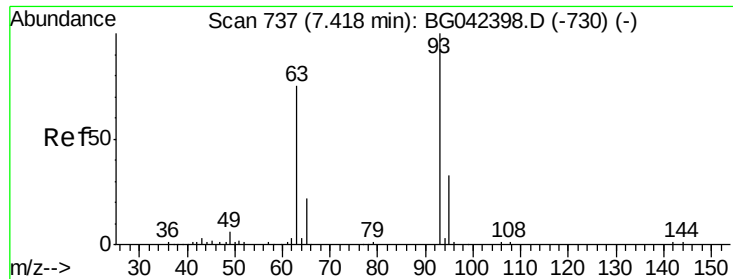
Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 140208 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 26.6  | 5.6   | 45.6   |
| 66       | 33.5  | 16.0  | 56.0   |







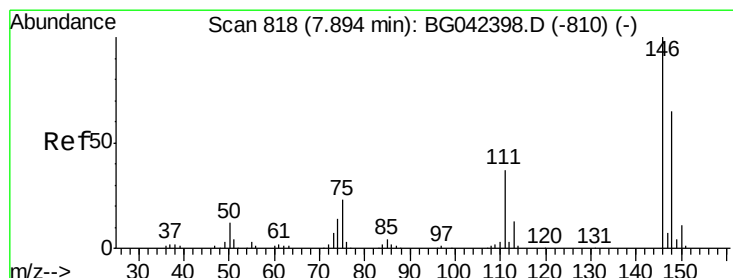
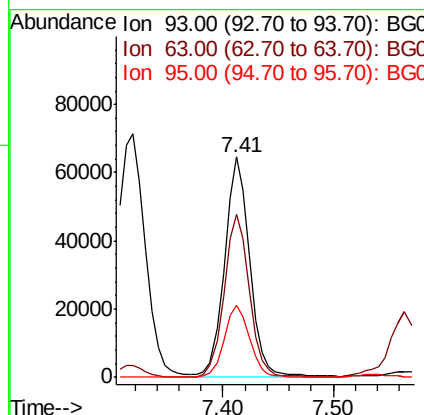
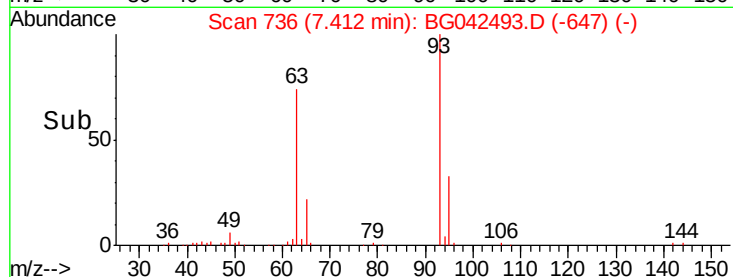
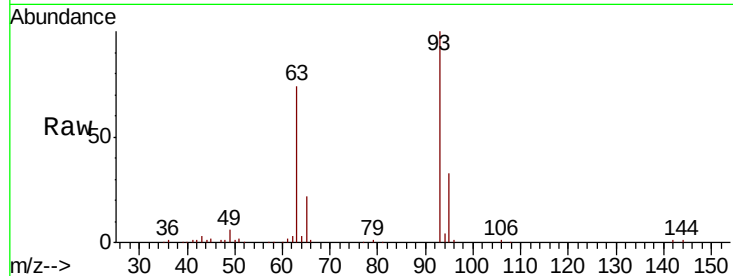
#11  
bis(2-Chloroethyl)ether  
Concen: 39.828 ng  
RT: 7.41 min Scan# 736  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

Instrument :  
BNA\_G  
ClientSampleId :  
PB122510BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 103812 |       |       |
| 63      | 74.3  |        | 53.8  | 93.8  |
| 95      | 32.5  |        | 13.1  | 53.1  |

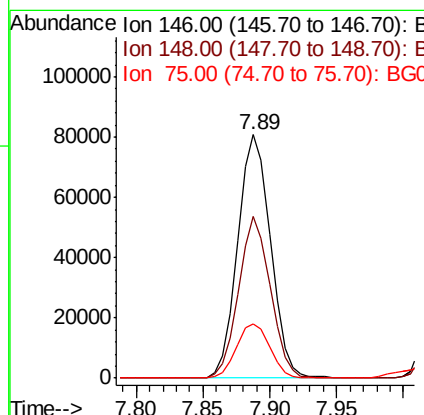
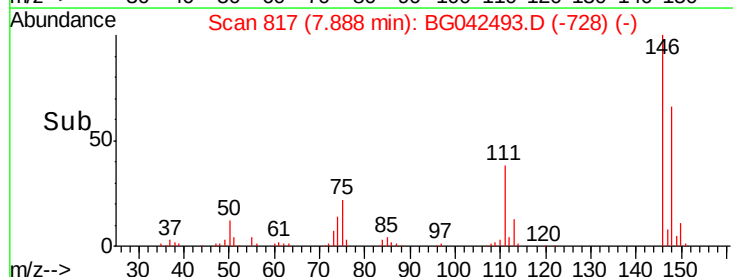
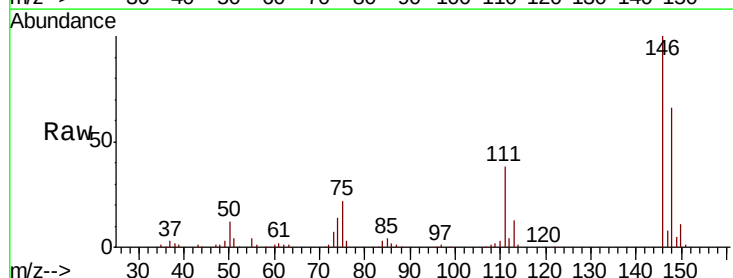
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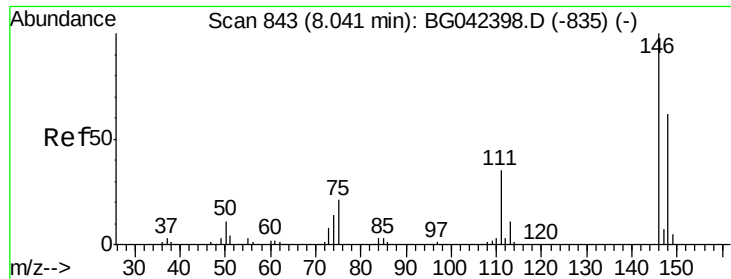
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8/27/2019 7:51:29 AM



#12  
1,3-Dichlorobenzene  
Concen: 36.907 ng  
RT: 7.89 min Scan# 817  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 137503 |       |       |
| 148     | 66.4  |        | 52.2  | 78.2  |
| 75      | 22.5  |        | 18.0  | 27.0  |





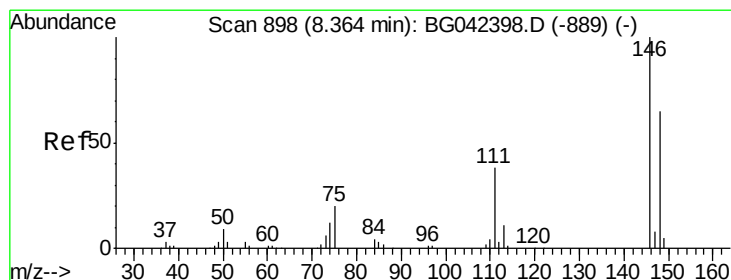
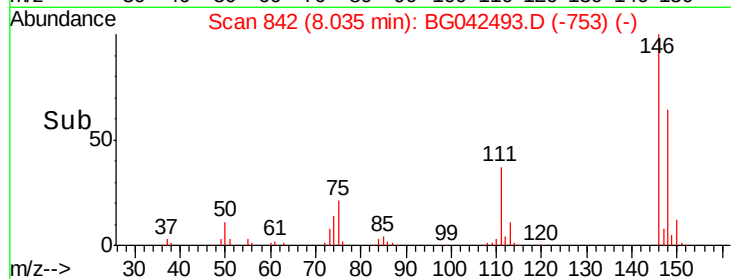
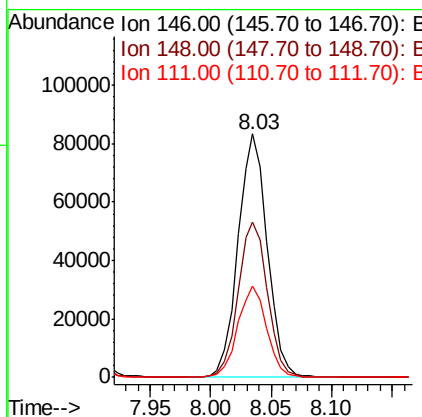
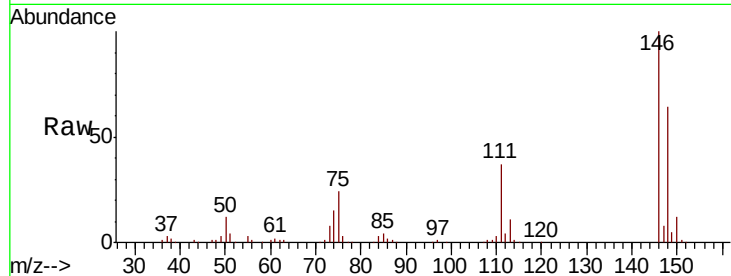
#13  
 1,4-Dichlorobenzene  
 Concen: 37.206 ng  
 RT: 8.03 min Scan# 842  
 Delta R.T. -0.01 min  
 Lab File: BG042493.D  
 Acq: 26 Aug 2019 10:34

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB122510BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.8  | 49.5  | 74.3  |
| 111     | 37.4  | 28.1  | 42.1  |

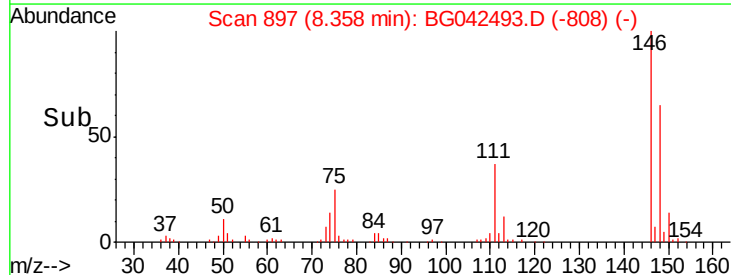
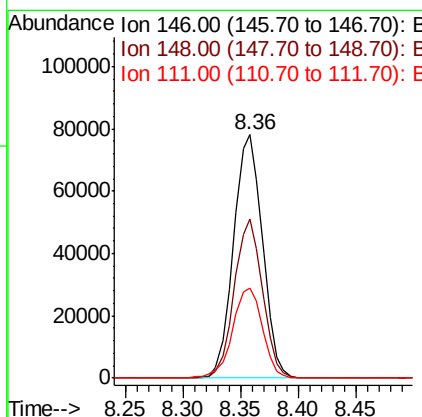
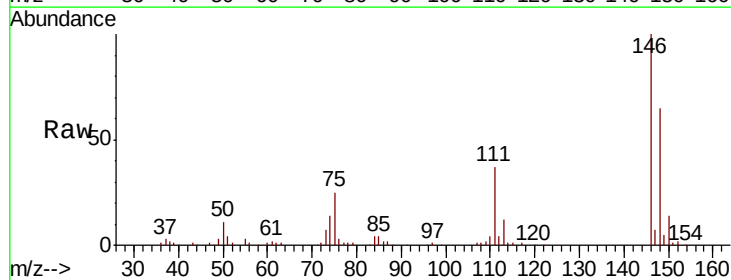
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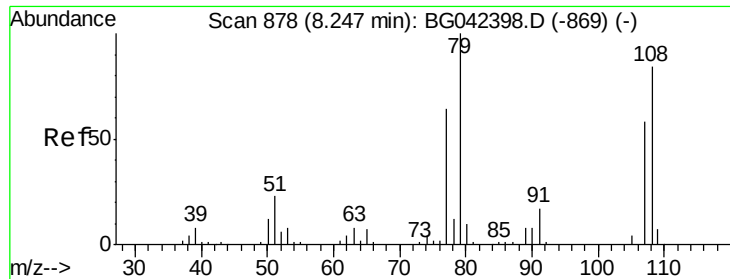
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 8/27/2019 7:51:29 AM



#14  
 1,2-Dichlorobenzene  
 Concen: 37.480 ng  
 RT: 8.36 min Scan# 897  
 Delta R.T. -0.01 min  
 Lab File: BG042493.D  
 Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.1  | 51.8  | 77.6  |
| 111     | 37.0  | 30.9  | 46.3  |





#15

Benzyl Alcohol

Concen: 38.277 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA\_G

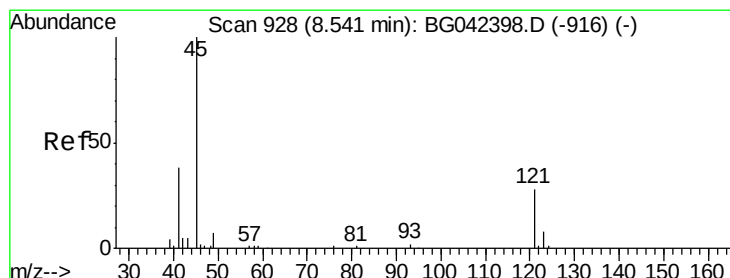
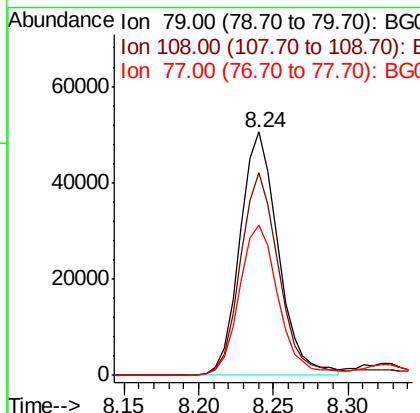
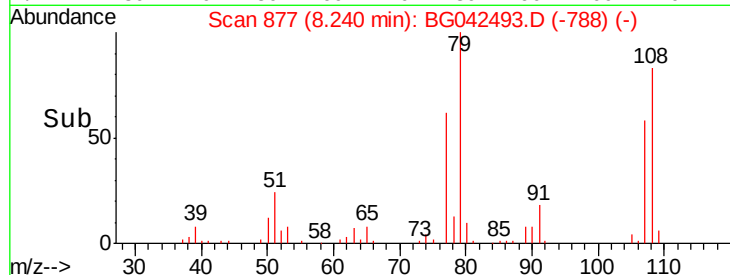
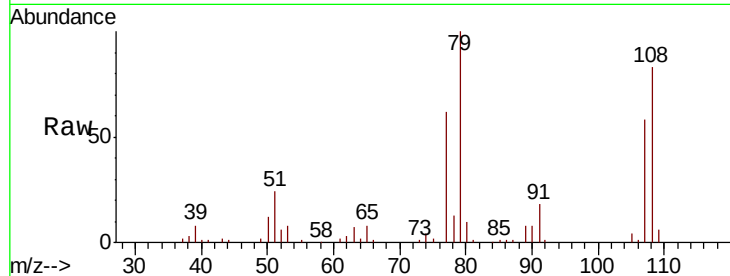
ClientSampleId :

PB122510BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 89889 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 108      | 83.2  | 67.4  | 101.2 |
| 77       | 61.7  | 50.8  | 76.2  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.704 ng

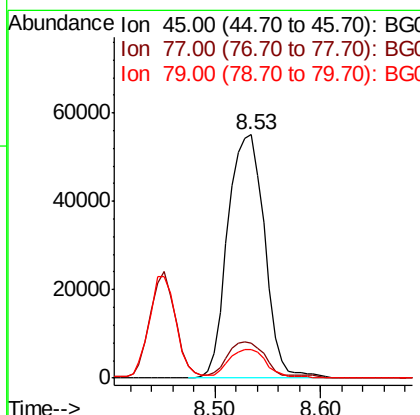
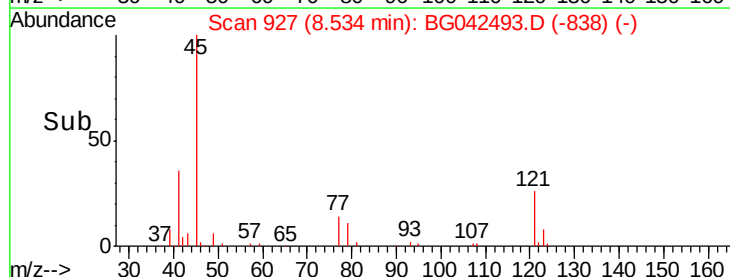
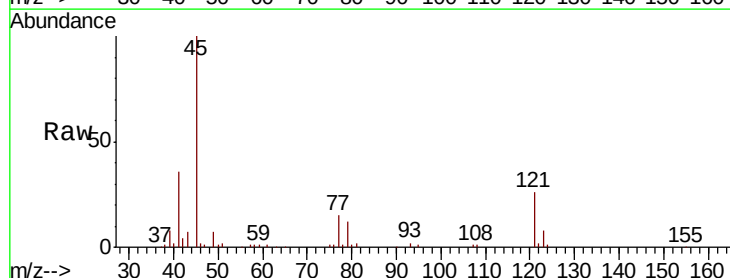
RT: 8.53 min Scan# 927

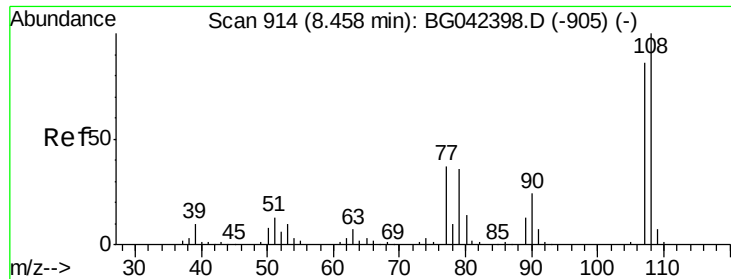
Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 133202 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 14.6  | 0.0   | 35.6   |
| 79       | 11.8  | 0.0   | 31.6   |





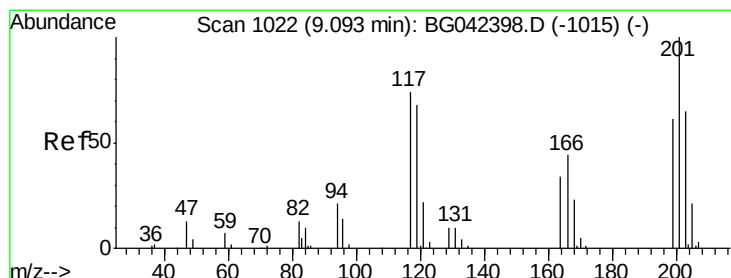
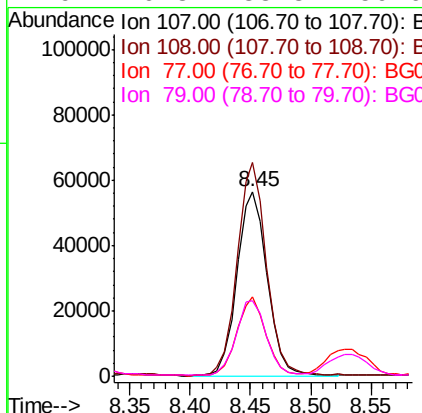
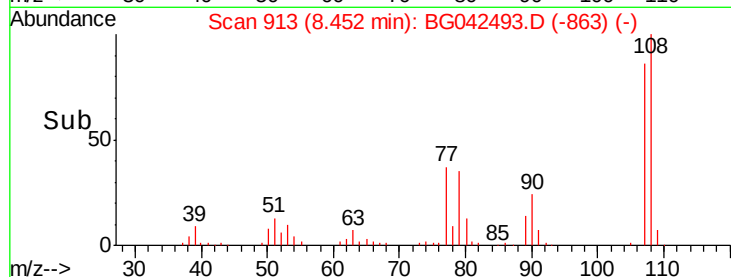
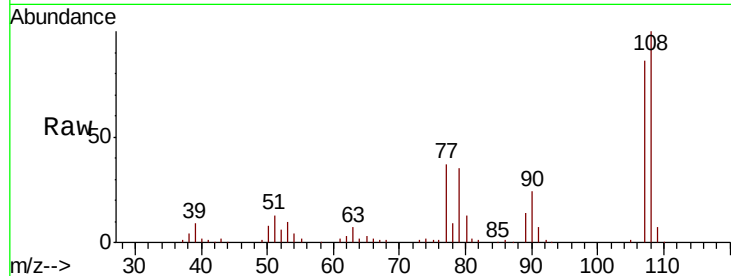
#17  
2-Methylphenol  
Concen: 40.642 ng  
RT: 8.45 min Scan# 913  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

Instrument :  
BNA\_G  
ClientSampled :  
PB122510BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 107   | Resp: | 99351 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 115.8 | 92.9  | 139.3 |
| 77        | 43.0  | 34.4  | 51.6  |
| 79        | 40.8  | 33.8  | 50.6  |

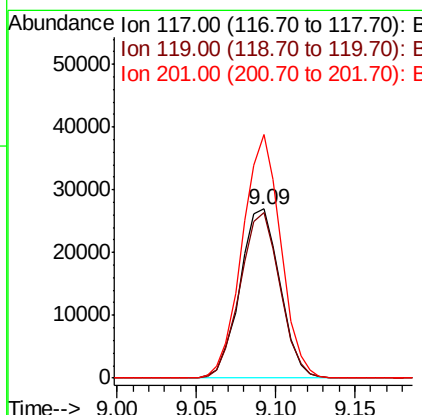
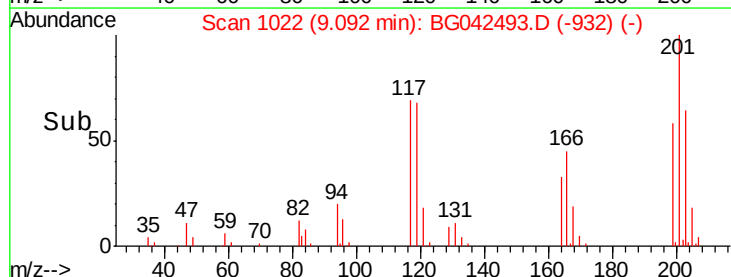
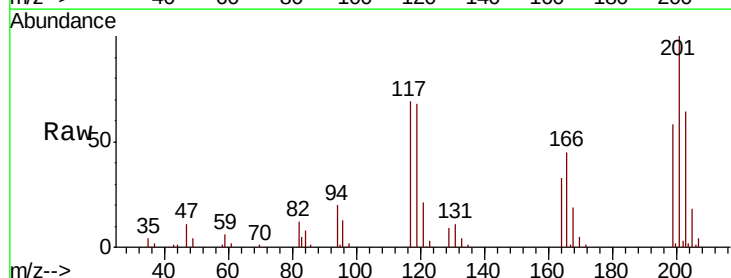
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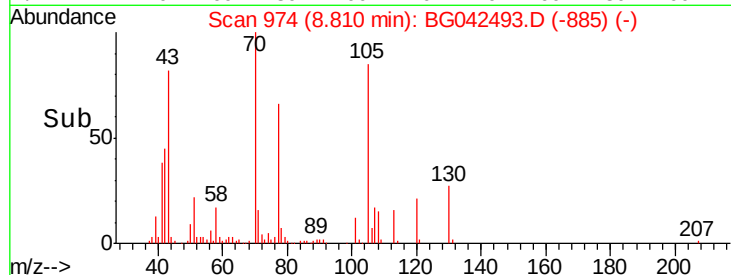
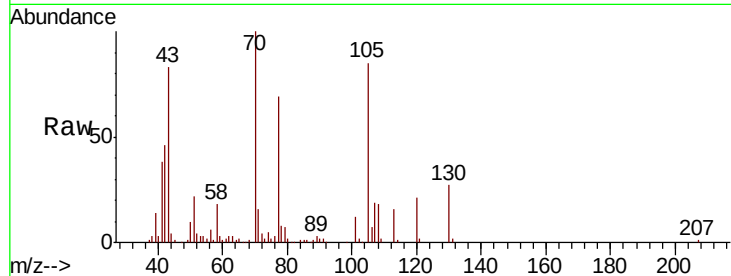
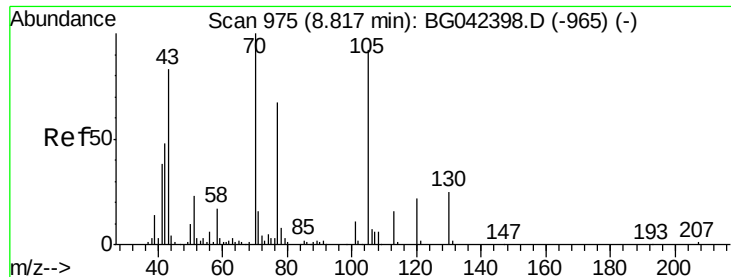
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#18  
Hexachloroethane  
Concen: 36.572 ng  
RT: 9.09 min Scan# 1022  
Delta R.T. -0.00 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 47248 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 98.1  | 73.8  | 110.8 |
| 201       | 144.2 | 108.3 | 162.5 |





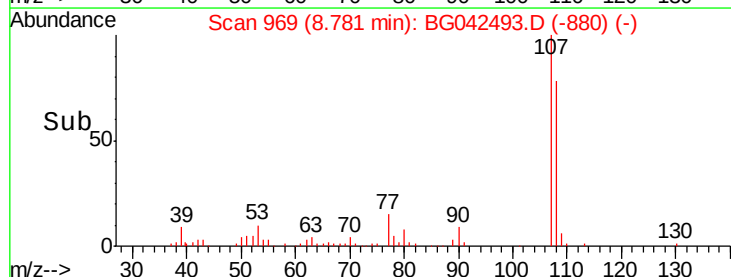
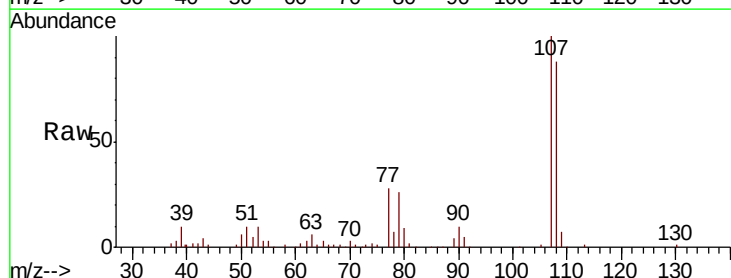
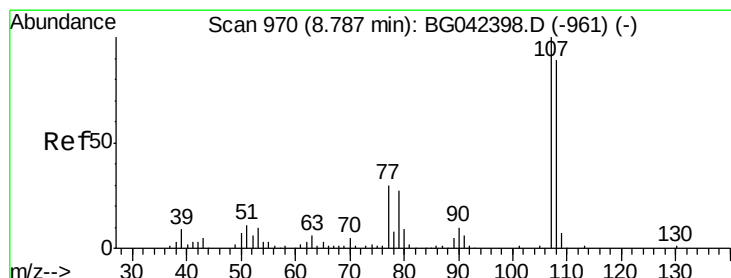
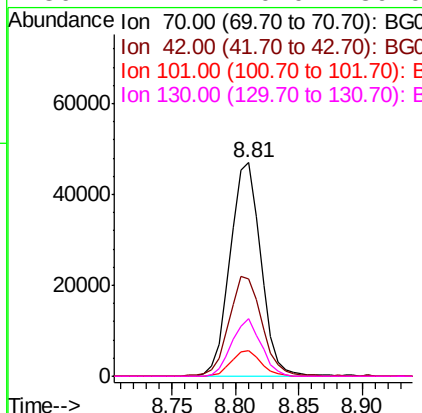
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.321 ng  
RT: 8.81 min Scan# 974  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

Instrument :  
BNA\_G  
ClientSampleId :  
PB122510BS

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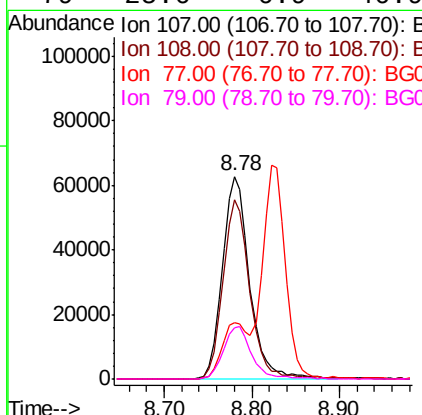
JAGRUT  
8/27/2019 7:51:29 AM

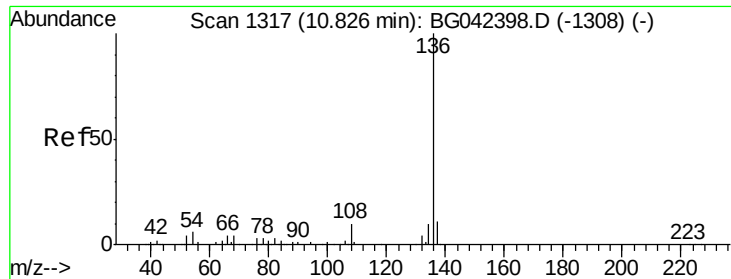
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 45.7 | 38.8  | 58.2  |       |
| 101     | 12.1 | 9.0   | 13.6  |       |
| 130     | 27.2 | 20.0  | 30.0  |       |



#20  
3+4-Methylphenols  
Concen: 39.336 ng  
RT: 8.78 min Scan# 969  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 88.3 | 68.7  | 108.7 |       |
| 77      | 28.1 | 10.2  | 50.2  |       |
| 79      | 25.6 | 6.9   | 46.9  |       |





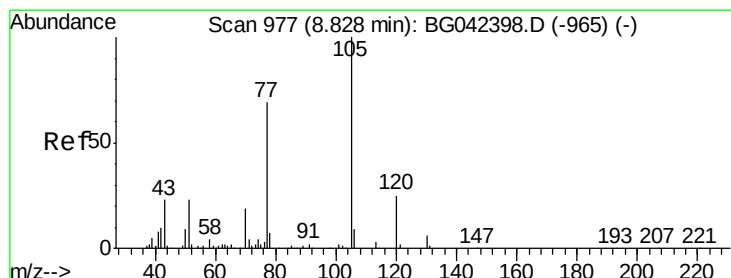
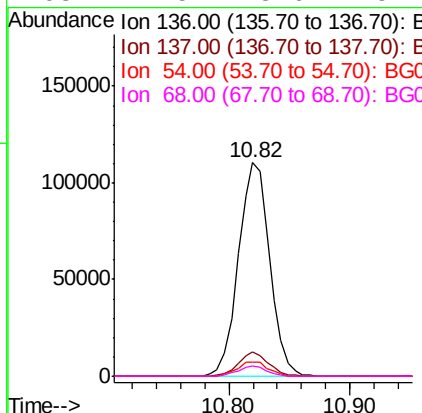
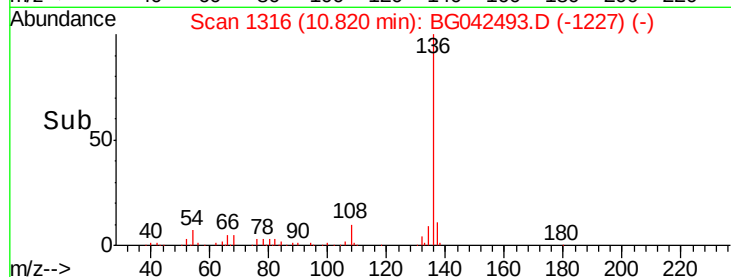
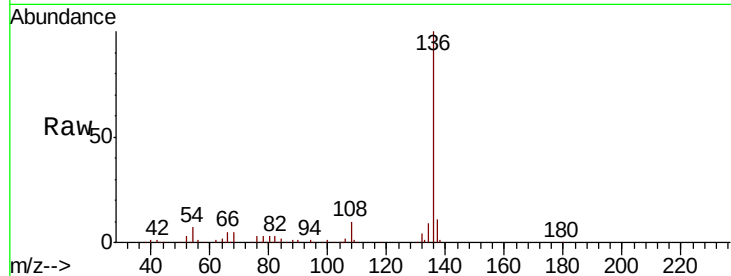
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.82 min Scan# 1316  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

Instrument :  
BNA\_G  
ClientSampleId :  
PB122510BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 199310 |       |       |
| 137     | 11.3  | 8.7    | 13.1  |       |
| 54      | 6.6   | 4.9    | 7.3   |       |
| 68      | 4.5   | 3.6    | 5.4   |       |

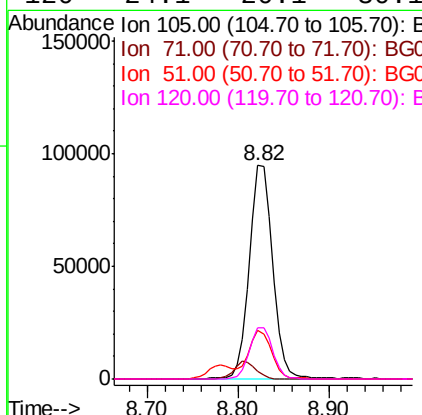
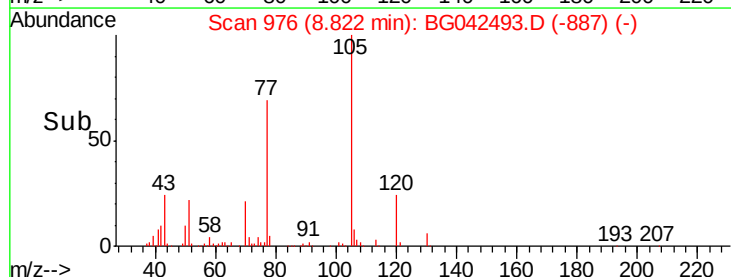
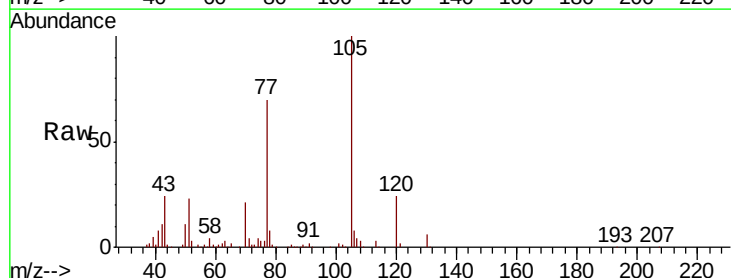
Manual Integrations  
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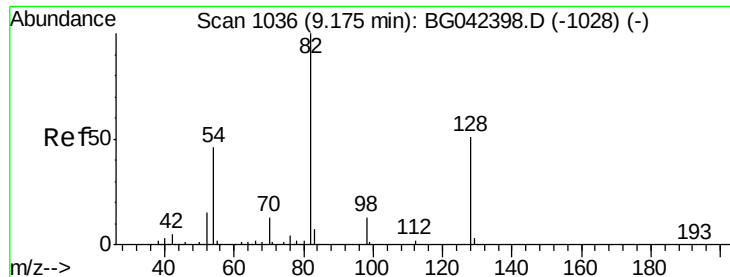
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#22  
Acetophenone  
Concen: 39.974 ng  
RT: 8.82 min Scan# 976  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 170406 |       |       |
| 71      | 3.8   | 2.8    | 4.2   |       |
| 51      | 22.8  | 18.7   | 28.1  |       |
| 120     | 24.1  | 20.1   | 30.1  |       |





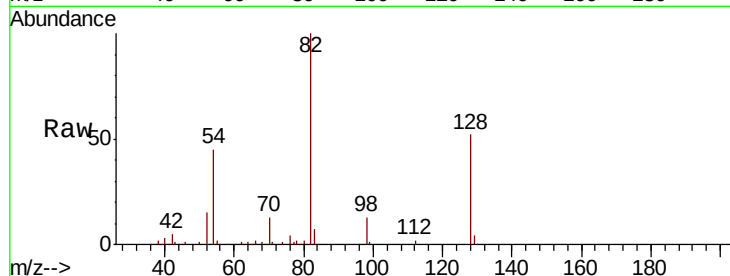
#23  
Nitrobenzene-d5  
Concen: 62.343 ng  
RT: 9.17 min Scan# 1035  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

Instrument :  
BNA\_G  
ClientSampled :  
PB122510BS

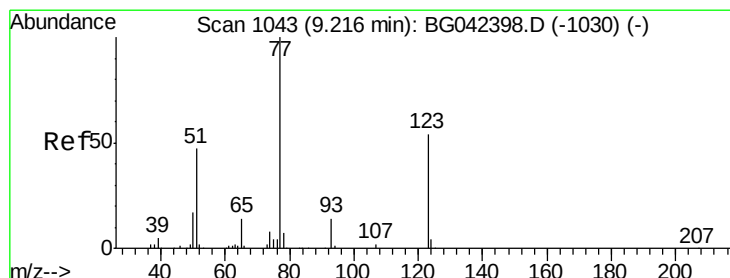
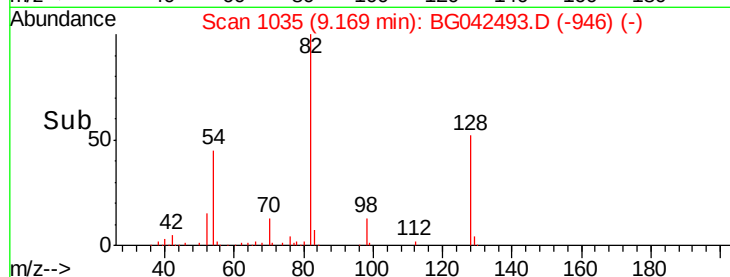
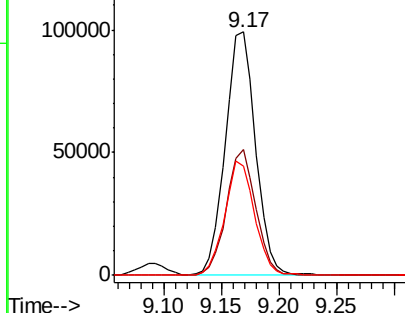
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 179809 |       |       |
| 128     | 51.8  |        | 40.7  | 61.1  |
| 54      | 45.1  |        | 36.3  | 54.5  |

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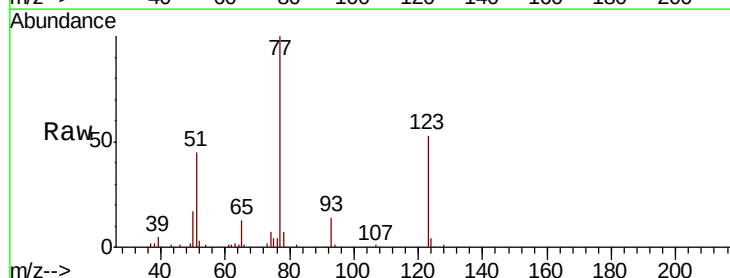


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC

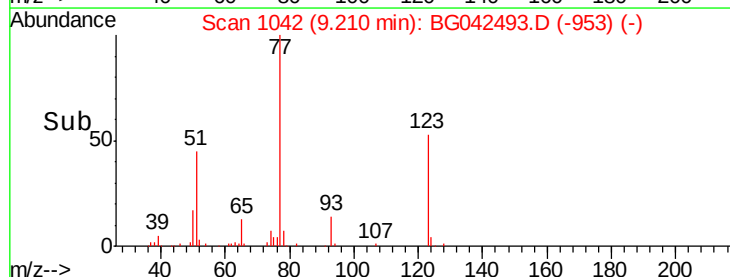
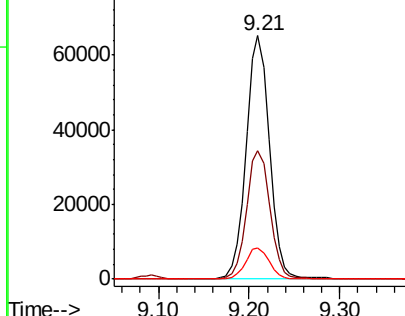


#24  
Nitrobenzene  
Concen: 39.805 ng  
RT: 9.21 min Scan# 1042  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

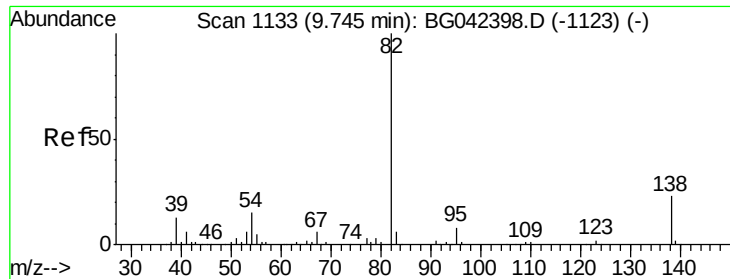
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 116256 |       |       |
| 123     | 52.6  |        | 43.4  | 65.0  |
| 65      | 12.8  |        | 11.0  | 16.6  |



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 123.00 (122.70 to 123.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC







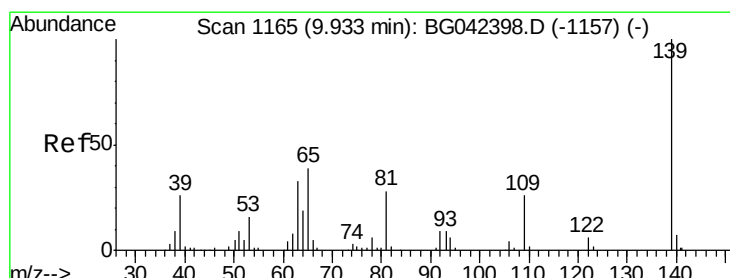
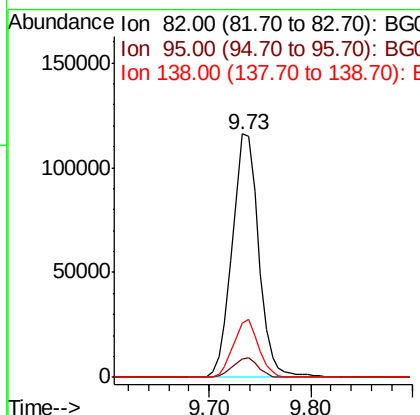
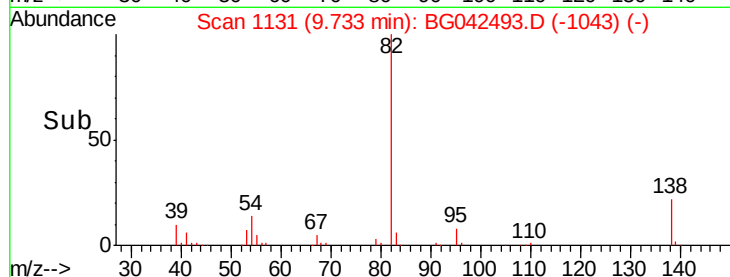
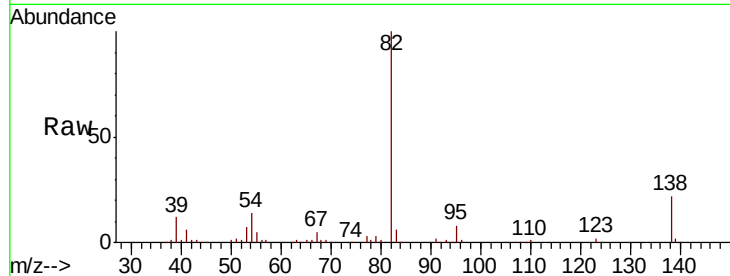
#25  
Isophorone  
Concen: 37.278 ng  
RT: 9.73 min Scan# 1131  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

Instrument :  
BNA\_G  
ClientSampleId :  
PB122510BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 212190 |       |       |
| 95      | 7.7   | 6.6    | 9.8   |       |
| 138     | 22.1  | 18.6   | 27.8  |       |

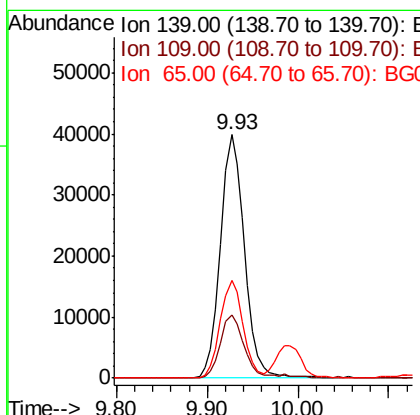
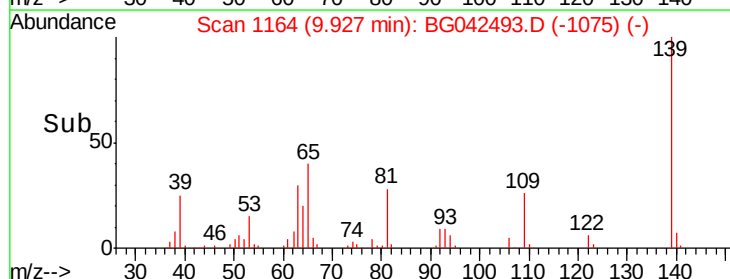
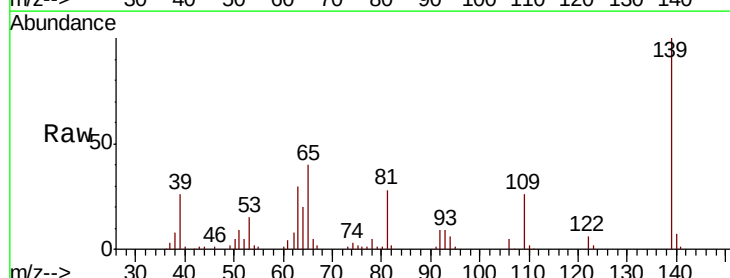
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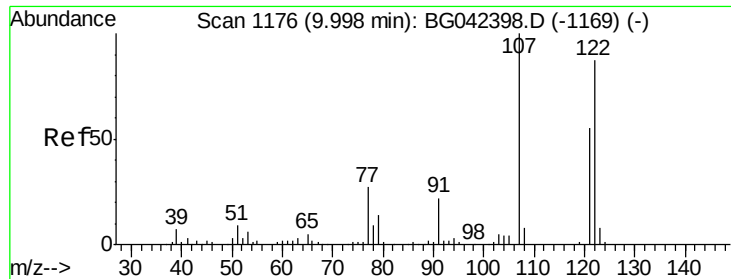
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#26  
2-Nitrophenol  
Concen: 39.959 ng  
RT: 9.93 min Scan# 1164  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 73136 |       |       |
| 109     | 26.1  | 20.5  | 30.7  |       |
| 65      | 39.9  | 30.9  | 46.3  |       |





#27

2,4-Dimethylphenol

Concen: 43.415 ng

RT: 9.99 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA\_G

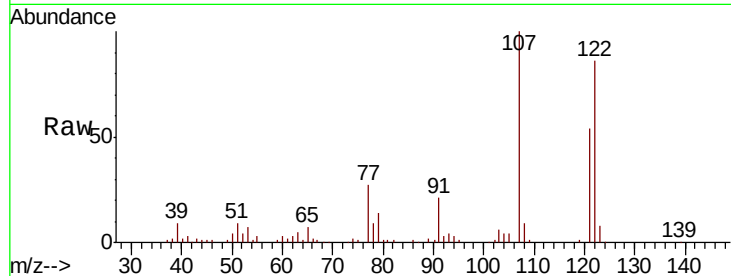
ClientSampleId :

PB122510BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 109459 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 116.0 | 90.8  | 136.2  |
| 121       | 62.1  | 49.6  | 74.4   |

Manual Integrations  
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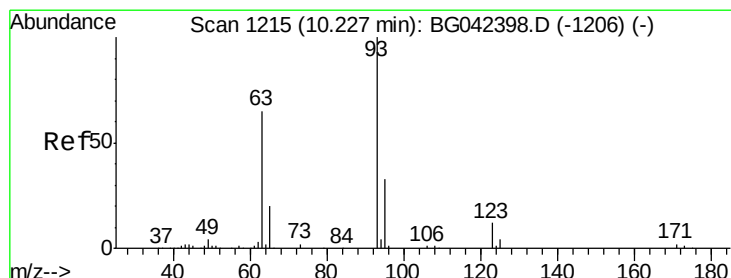
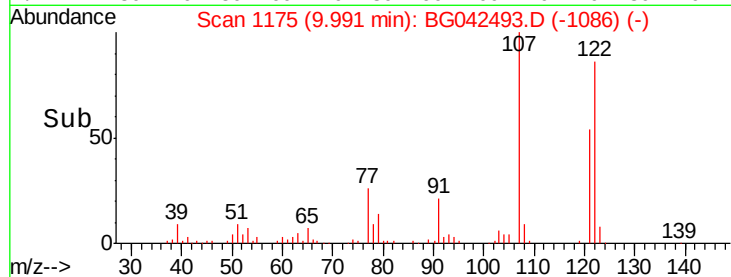
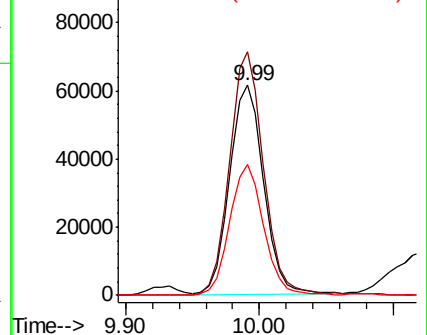


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.761 ng

RT: 10.22 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

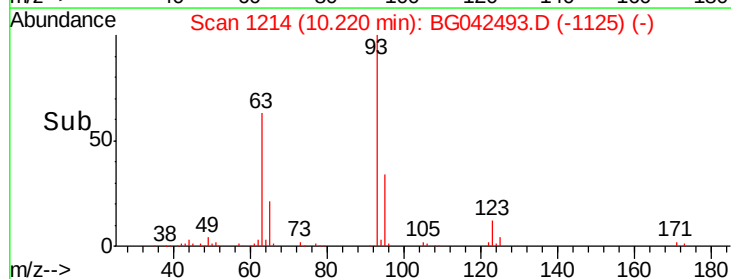
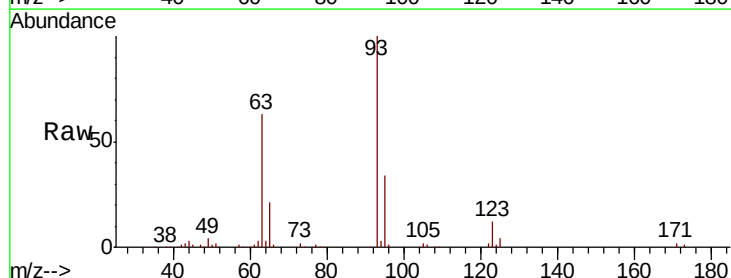
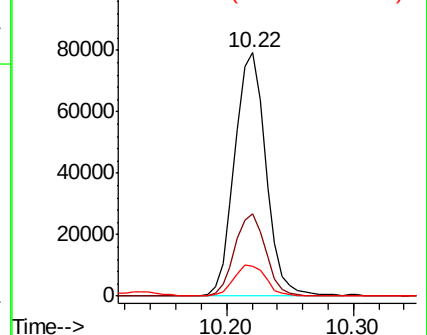
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 135469 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 34.0  | 26.6  | 40.0   |
| 123       | 12.3  | 10.1  | 15.1   |

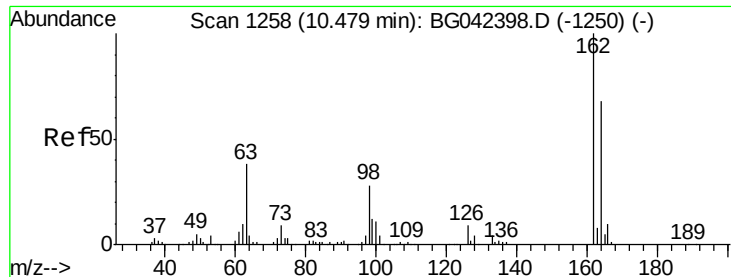
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





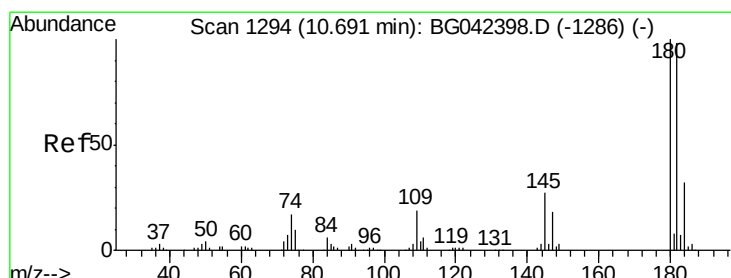
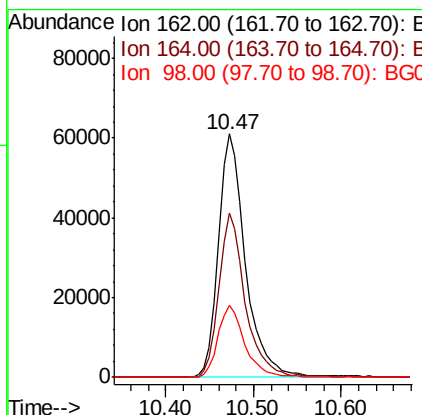
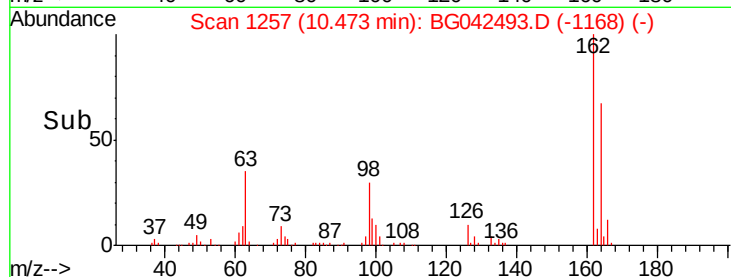
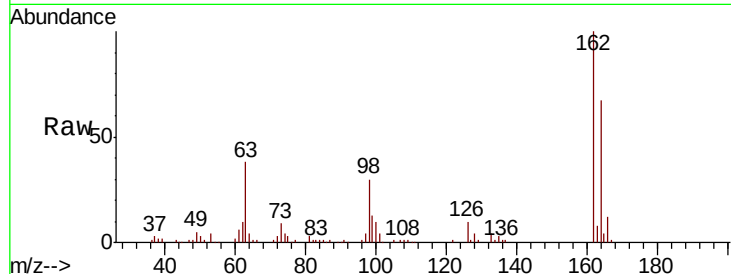
#29  
 2,4-Dichlorophenol  
 Concen: 39.477 ng  
 RT: 10.47 min Scan# 1257  
 Delta R.T. -0.01 min  
 Lab File: BG042493.D  
 Acq: 26 Aug 2019 10:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB122510BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 130219 |       |       |
| 164     | 67.4  | 48.1   | 88.1  |       |
| 98      | 29.8  | 7.6    | 47.6  |       |

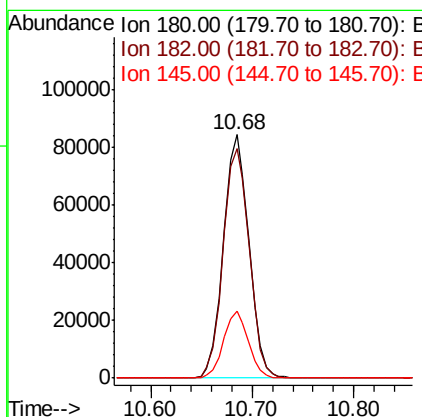
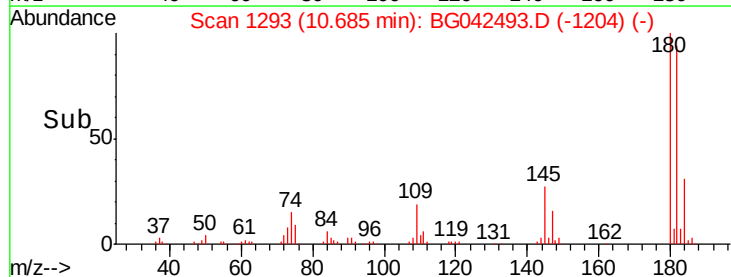
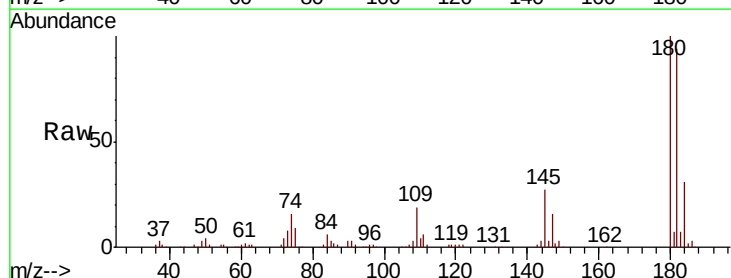
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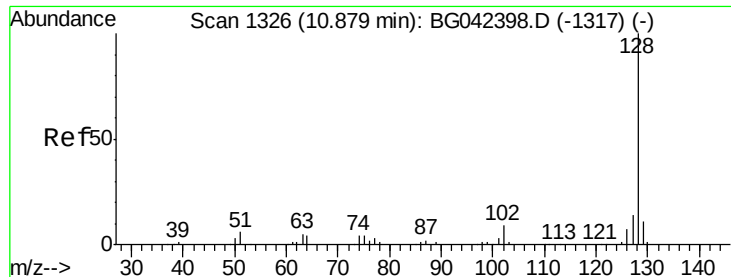
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.455 ng  
 RT: 10.68 min Scan# 1293  
 Delta R.T. -0.01 min  
 Lab File: BG042493.D  
 Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 147603 |       |       |
| 182     | 94.1  | 78.7   | 118.1 |       |
| 145     | 27.4  | 21.6   | 32.4  |       |





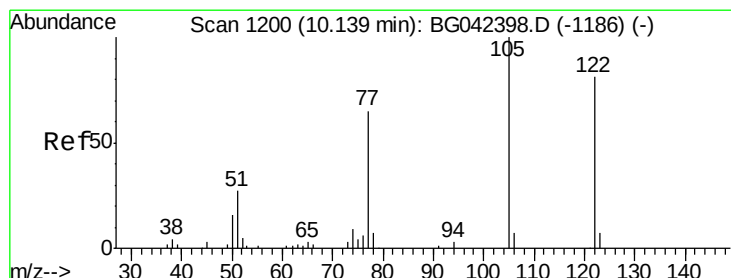
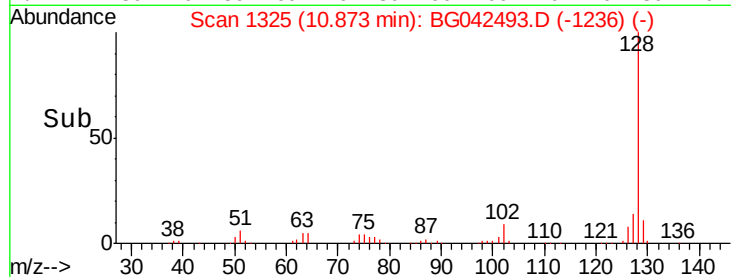
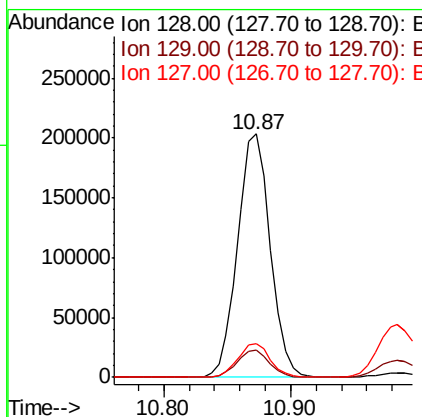
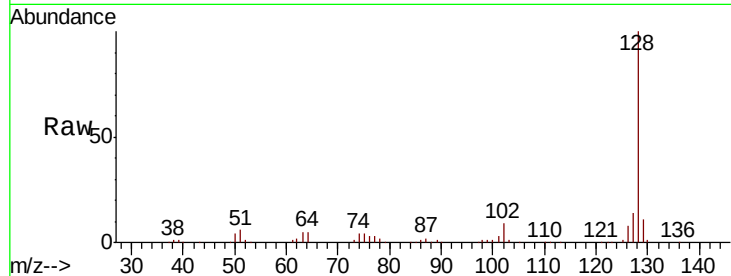
#31  
Naphthalene  
Concen: 39.253 ng  
RT: 10.87 min Scan# 1325  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

Instrument :  
BNA\_G  
ClientSampled :  
PB122510BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 363230 |       |       |
| 129     | 11.3  | 8.8    | 13.2  |       |
| 127     | 14.1  | 11.4   | 17.0  |       |

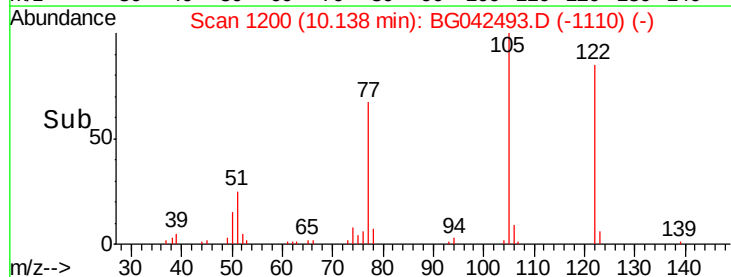
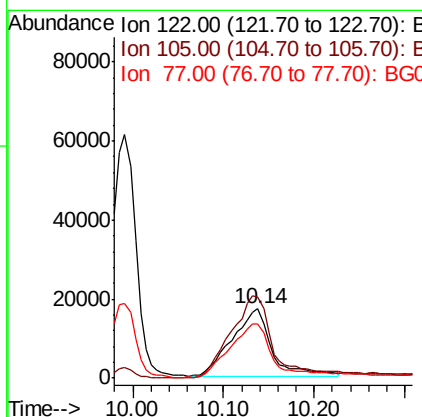
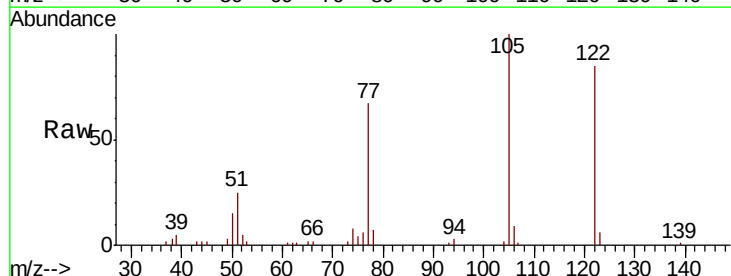
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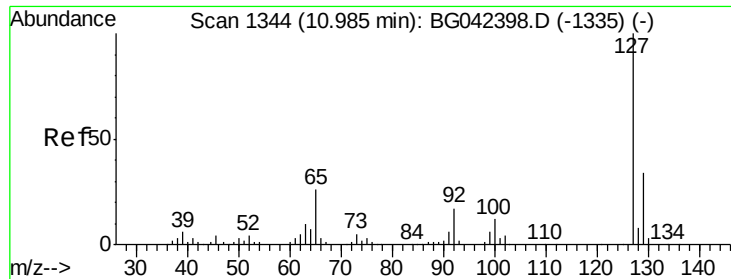
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#32  
Benzoic acid  
Concen: 31.550 ng  
RT: 10.14 min Scan# 1200  
Delta R.T. 0.00 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 51556 |       |       |
| 105     | 118.0 | 99.6  | 139.6 |       |
| 77      | 78.7  | 59.5  | 99.5  |       |





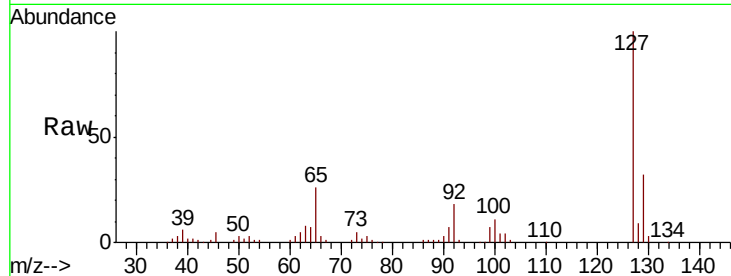
#33  
4-Chloroaniline  
Concen: 22.865 ng  
RT: 10.98 min Scan# 1344  
Delta R.T. -0.00 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

Instrument :  
BNA\_G  
ClientSampleId :  
PB122510BS

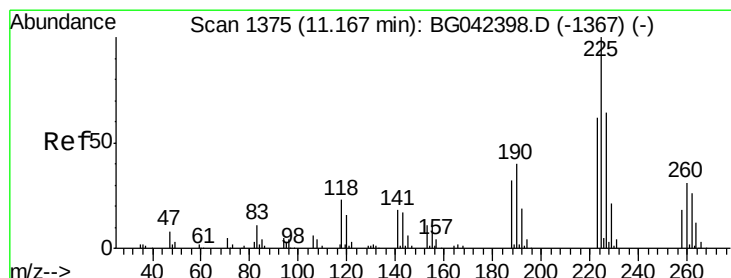
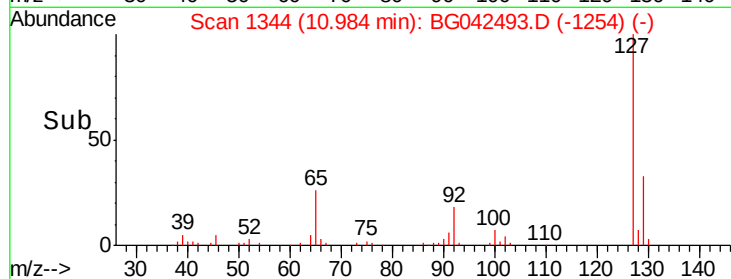
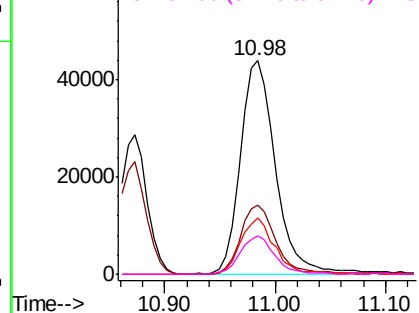
| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 97670 |       |       |
| 129     | 32.5 | 26.8  | 40.2  |       |       |
| 65      | 26.3 | 20.7  | 31.1  |       |       |
| 92      | 17.9 | 13.6  | 20.4  |       |       |

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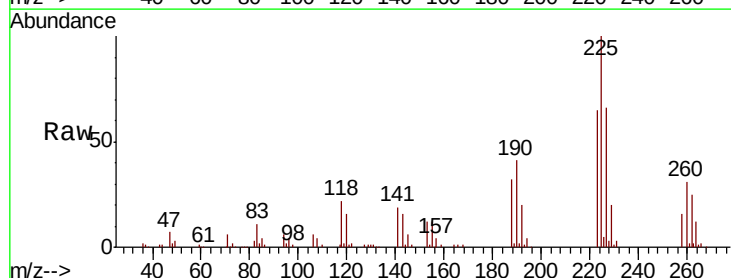


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

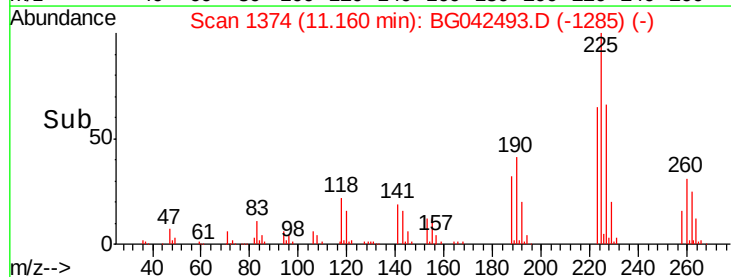
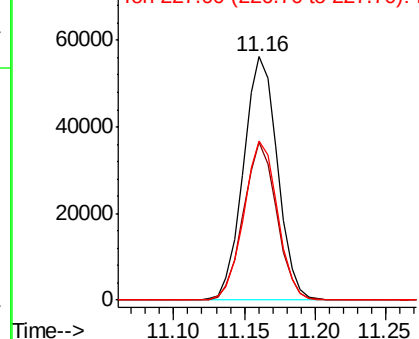


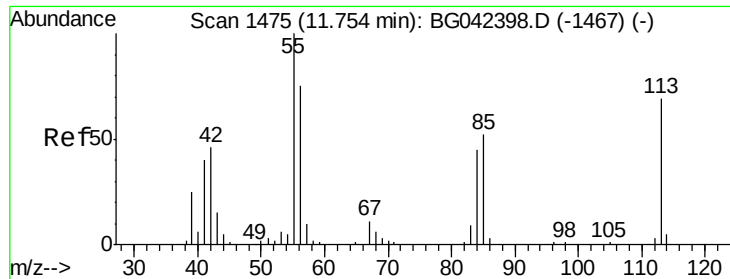
#34  
Hexachlorobutadiene  
Concen: 34.901 ng  
RT: 11.16 min Scan# 1374  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 225     | 100  |       | 94969 |       |       |
| 223     | 64.9 | 49.8  | 74.6  |       |       |
| 227     | 65.5 | 50.9  | 76.3  |       |       |



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





#35

Caprolactam

Concen: 35.819 ng/mL

RT: 11.75 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA\_G

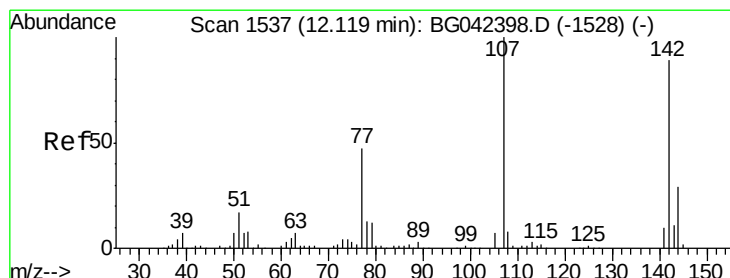
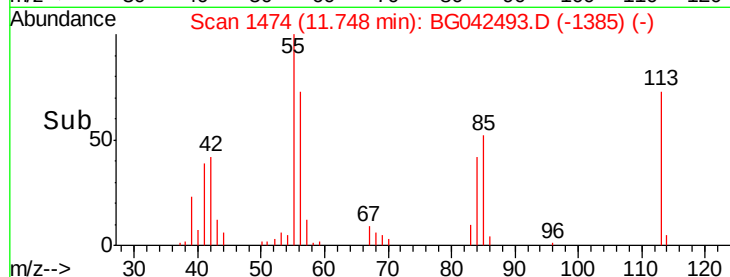
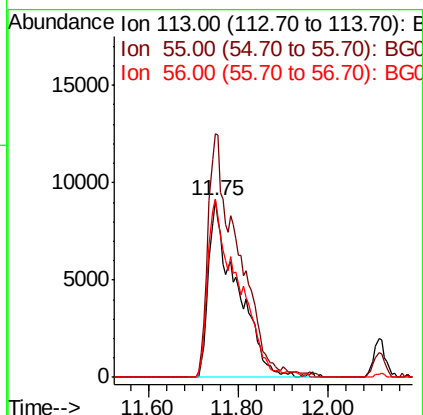
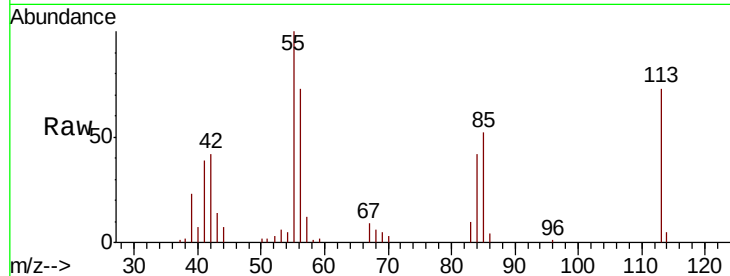
ClientSampleId :

PB122510BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 39425 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 55       | 137.9 | 124.6 | 164.6 |
| 56       | 101.1 | 88.3  | 128.3 |

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#36

4-Chloro-3-methylphenol

Concen: 37.935 ng/mL

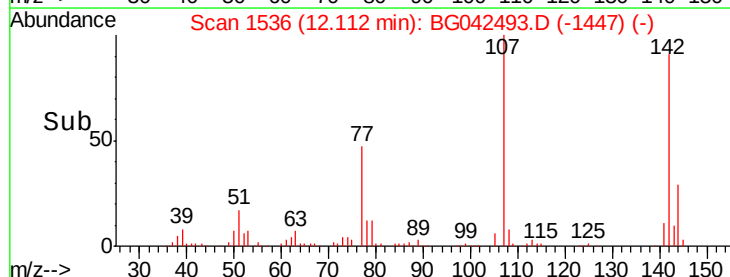
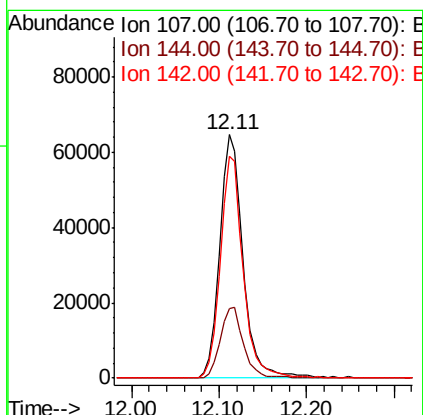
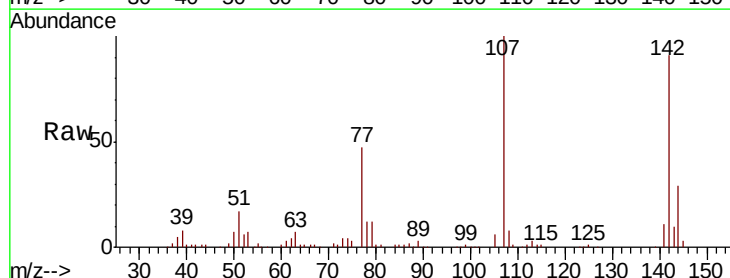
RT: 12.11 min Scan# 1536

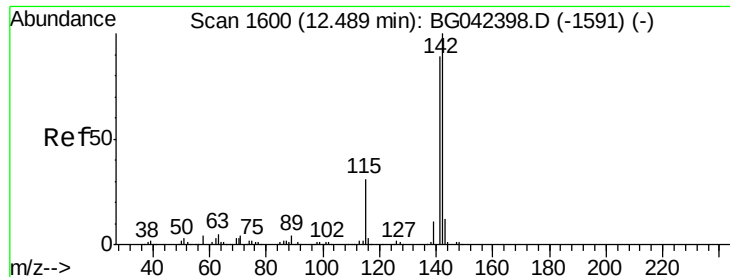
Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 118788 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 144      | 28.6  | 23.6  | 35.4   |
| 142      | 91.1  | 71.0  | 106.4  |





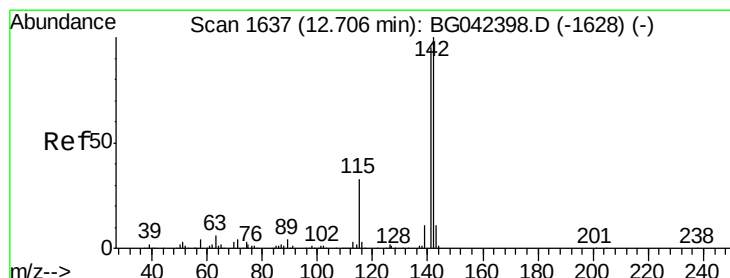
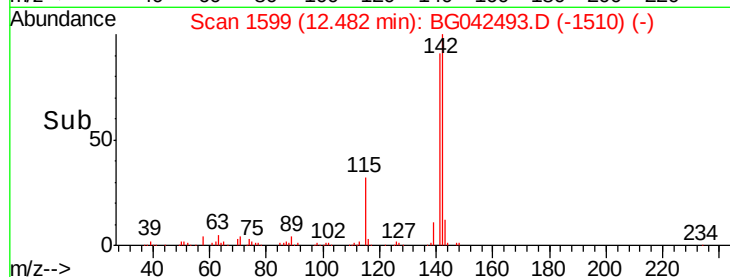
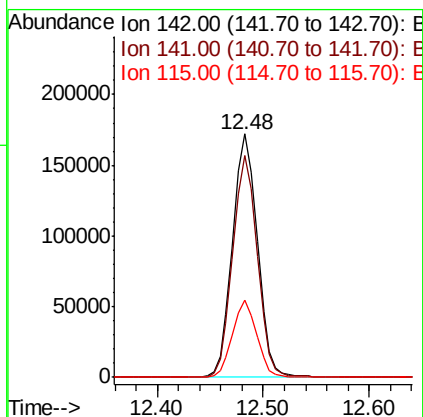
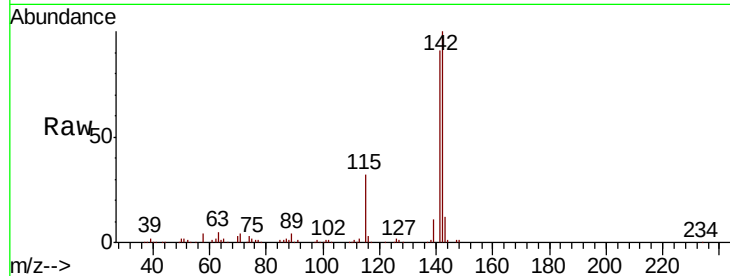
#37  
2-Methylnaphthalene  
Concen: 37.859 ng  
RT: 12.48 min Scan# 1599  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

Instrument :  
BNA\_G  
ClientSampleId :  
PB122510BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.1  | 71.4  | 107.2 |
| 115     | 31.6  | 25.2  | 37.8  |

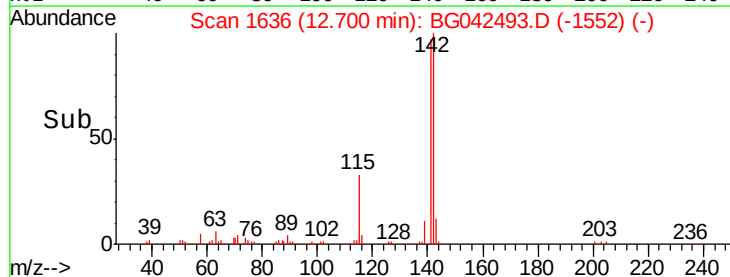
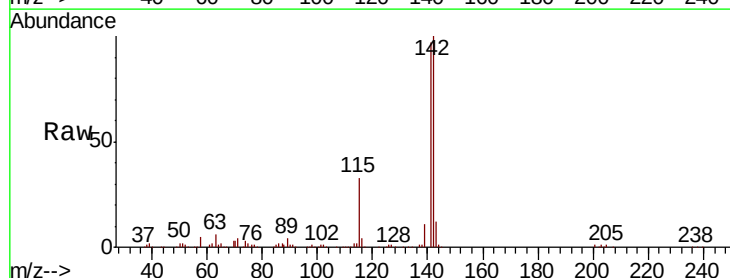
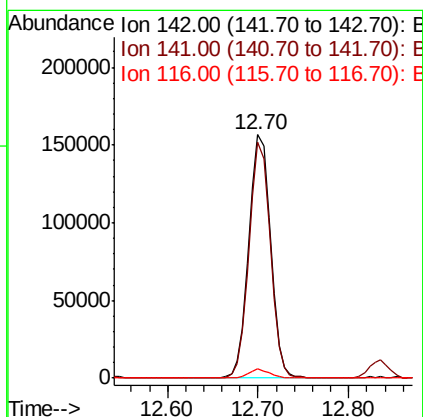
Manual Integrations  
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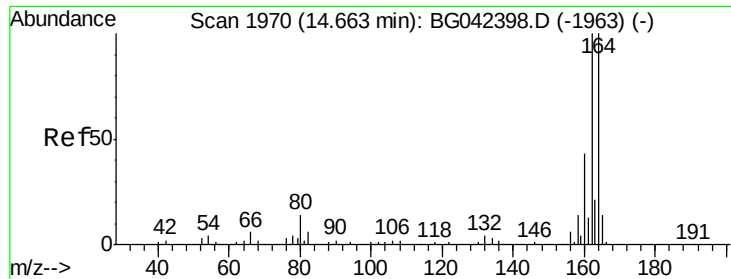
JAGRUT  
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#38  
1-Methylnaphthalene  
Concen: 37.097 ng  
RT: 12.70 min Scan# 1636  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 96.9  | 76.2  | 114.2 |
| 116     | 3.8   | 2.8   | 4.2   |





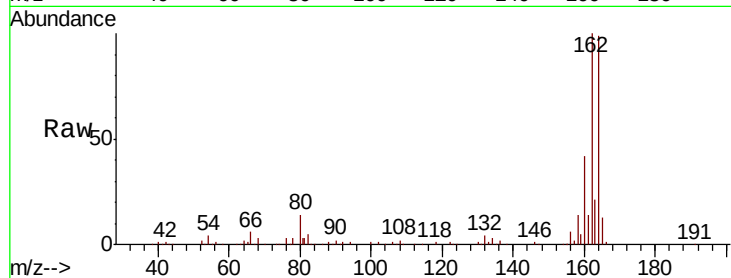
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.66 min Scan# 1970  
Delta R.T. -0.00 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

Instrument :  
BNA\_G  
ClientSampleId :  
PB122510BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.4 | 79.9  | 119.9 |
| 160     | 42.8  | 34.3  | 51.5  |

Manual Integrations  
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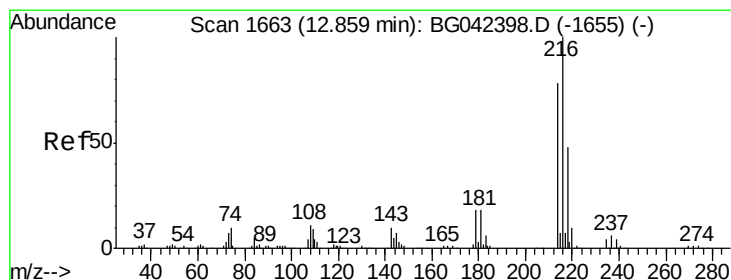
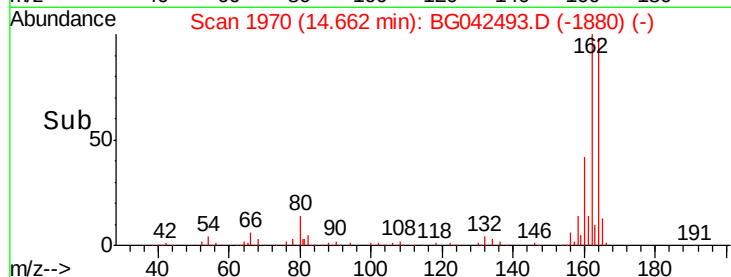
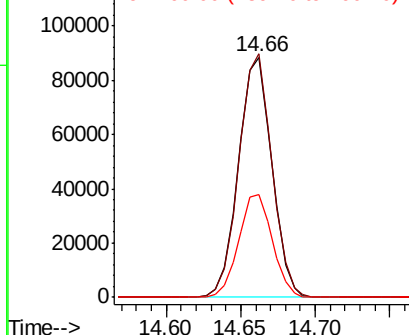


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.925 ng  
RT: 12.85 min Scan# 1662  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 76.8  | 61.4  | 92.2  |
| 179     | 19.0  | 15.1  | 22.7  |
| 108     | 13.6  | 9.4   | 14.0  |

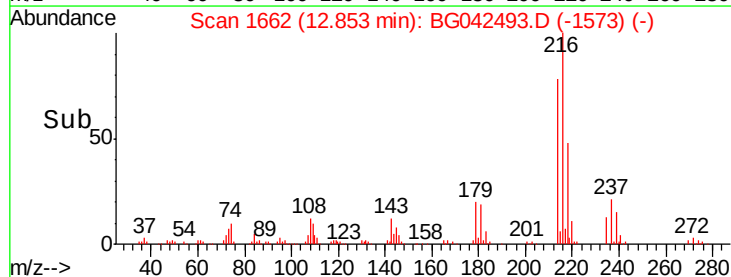
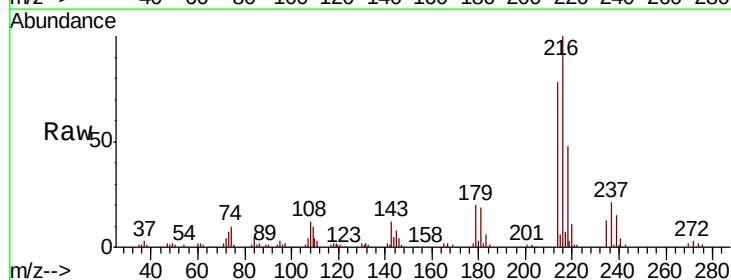
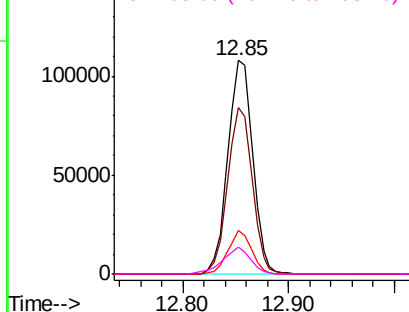
Abundance

Ion 216.00 (215.70 to 216.70): E

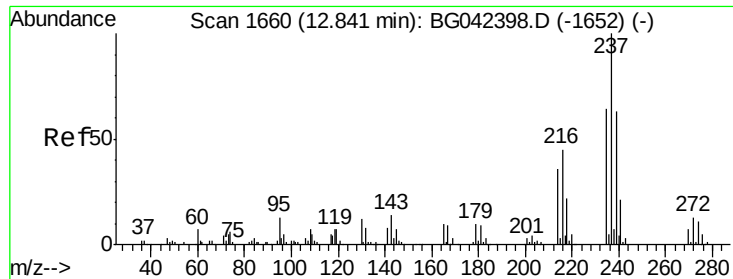
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







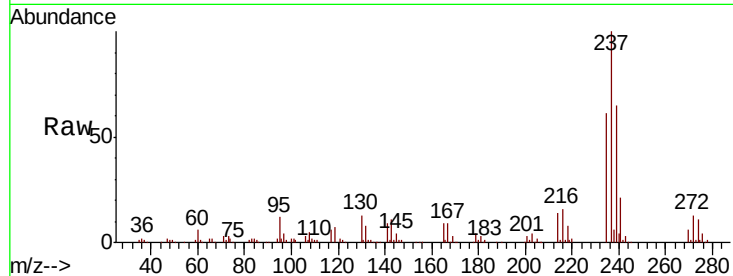
#41  
Hexachlorocyclopentadiene  
Concen: 82.006 ng  
RT: 12.83 min Scan# 1659  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

Instrument :  
BNA\_G  
ClientSampleId :  
PB122510BS

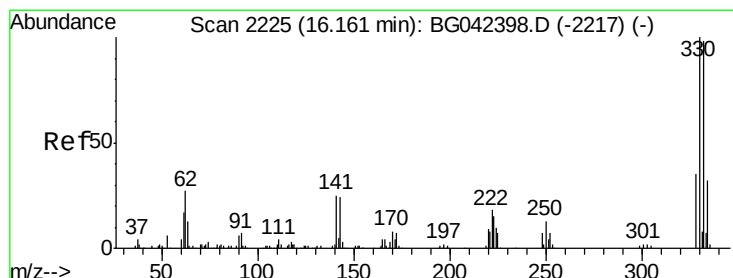
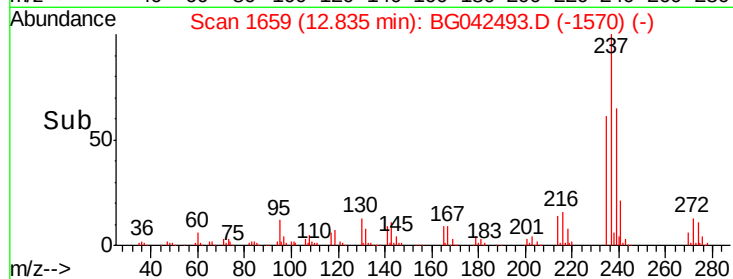
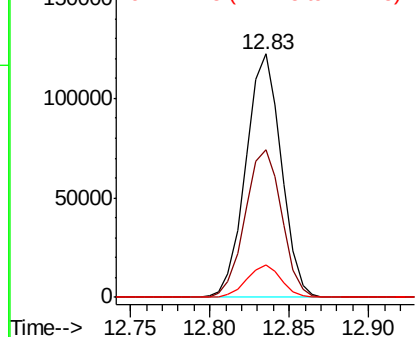
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 189460 |       |       |
| 235     | 60.8  | 43.7   | 83.7  |       |
| 272     | 13.1  | 0.0    | 33.3  |       |

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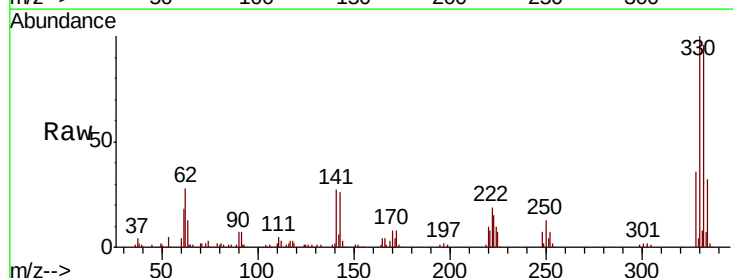


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

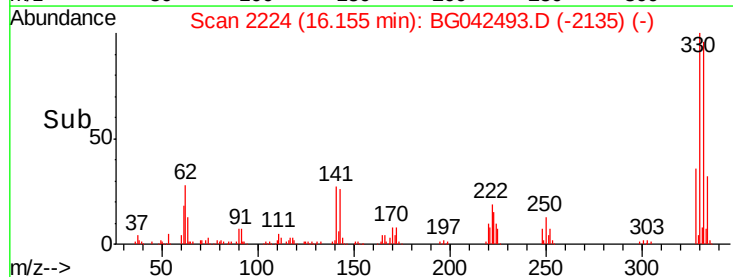
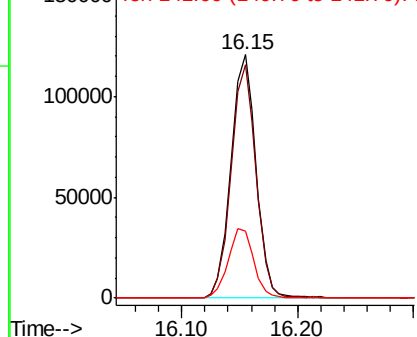


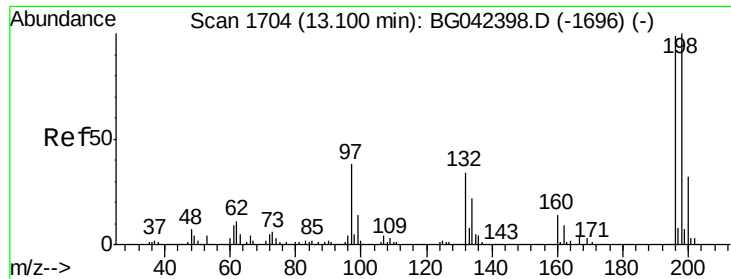
#42  
2,4,6-Tribromophenol  
Concen: 93.447 ng  
RT: 16.15 min Scan# 2224  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 181906 |       |       |
| 332     | 95.6  | 77.4   | 116.0 |       |
| 141     | 29.0  | 21.4   | 32.0  |       |



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





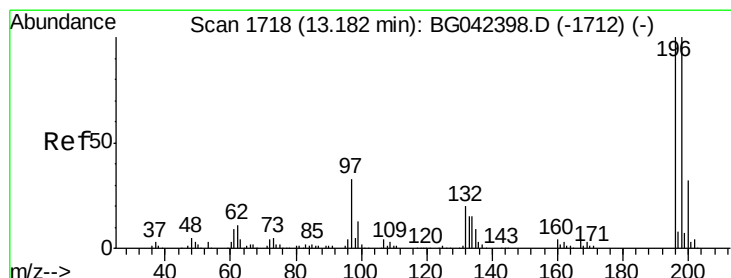
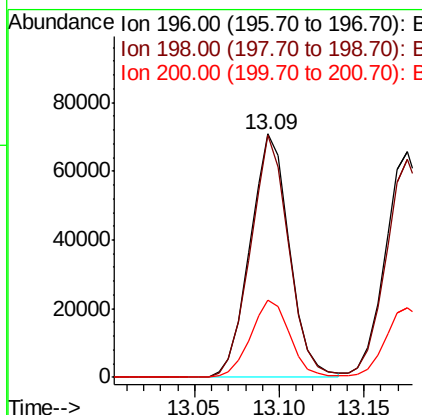
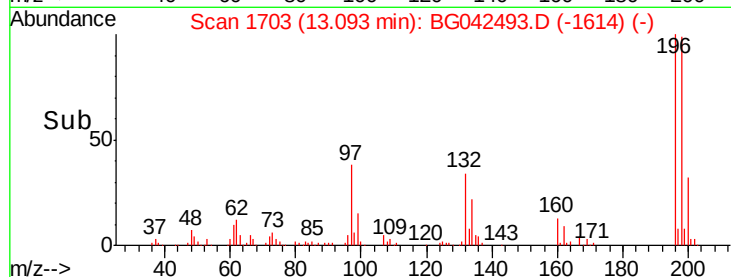
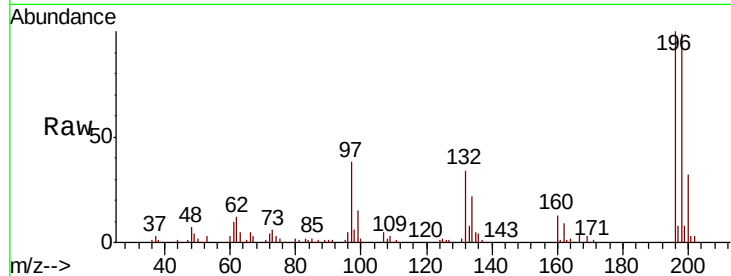
#43  
 2,4,6-Trichlorophenol  
 Concen: 38.463 ng  
 RT: 13.09 min Scan# 1703  
 Delta R.T. -0.01 min  
 Lab File: BG042493.D  
 Acq: 26 Aug 2019 10:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB122510BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 114347 |       |       |
| 198     | 99.5  | 80.7   | 121.1 |       |
| 200     | 31.7  | 25.7   | 38.5  |       |

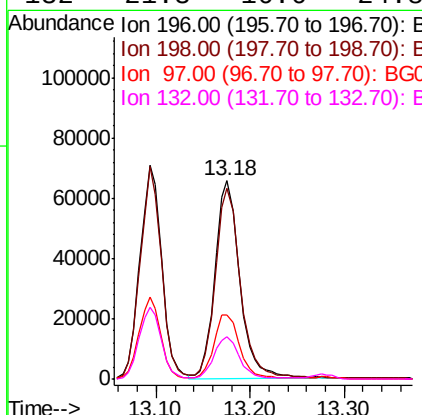
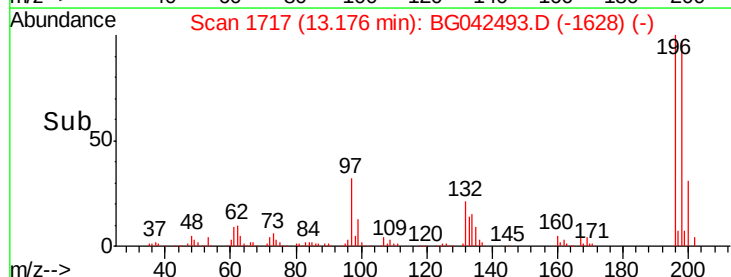
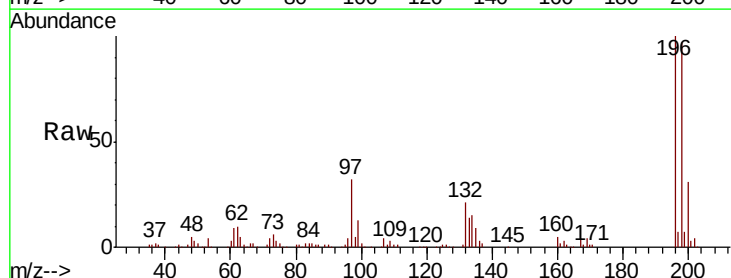
Manual Integrations  
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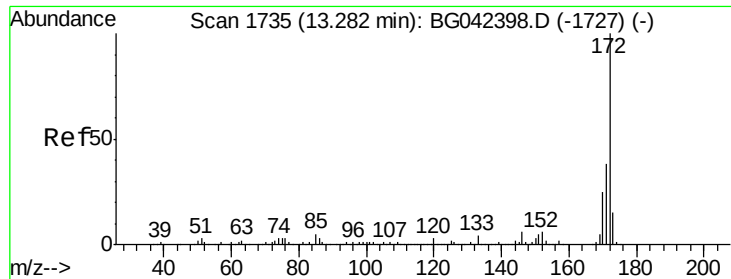
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#44  
 2,4,5-Trichlorophenol  
 Concen: 39.707 ng  
 RT: 13.18 min Scan# 1717  
 Delta R.T. -0.01 min  
 Lab File: BG042493.D  
 Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 122327 |       |       |
| 198     | 96.5  | 80.2   | 120.4 |       |
| 97      | 32.2  | 26.3   | 39.5  |       |
| 132     | 21.3  | 16.6   | 24.8  |       |





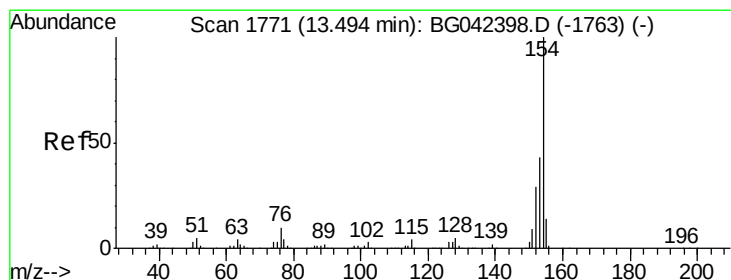
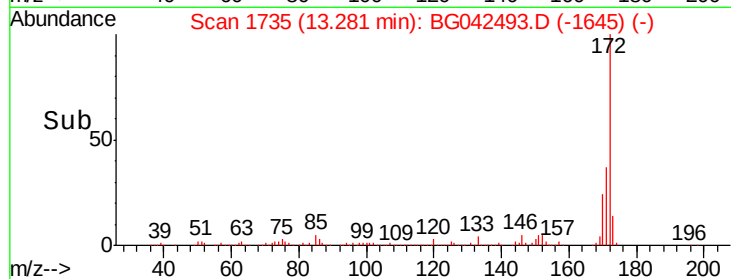
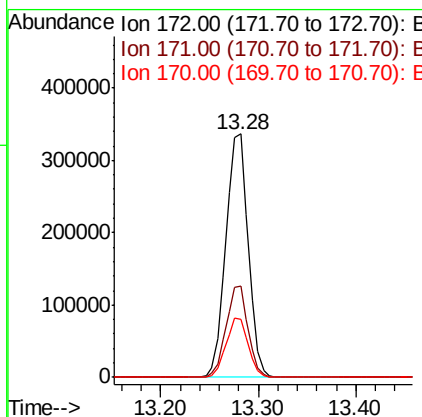
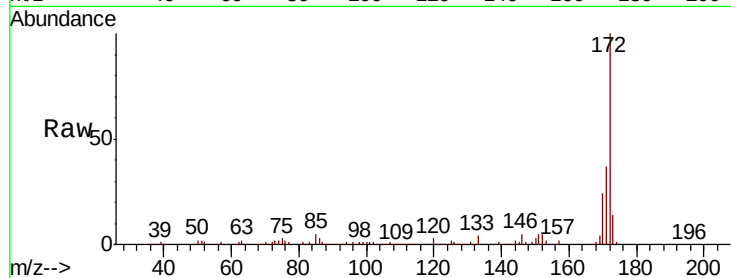
#45  
 2-Fluorobiphenyl  
 Concen: 66.098 ng  
 RT: 13.28 min Scan# 1735  
 Delta R.T. -0.00 min  
 Lab File: BG042493.D  
 Acq: 26 Aug 2019 10:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB122510BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.4  | 30.5  | 45.7  |
| 170     | 24.1  | 20.2  | 30.2  |

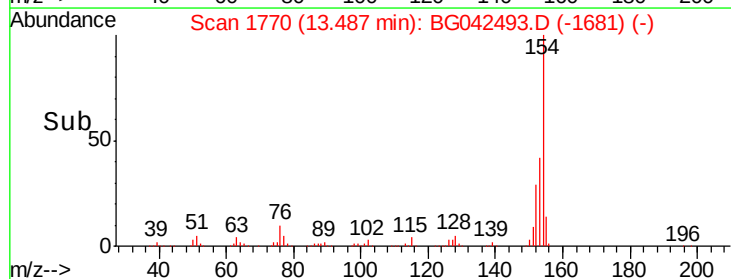
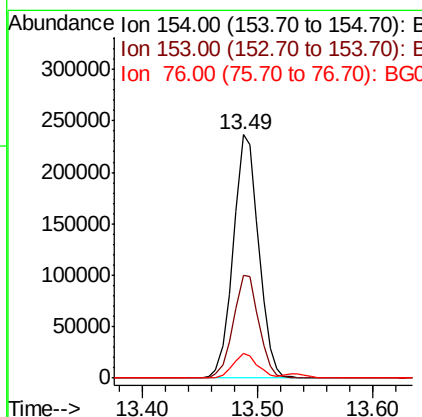
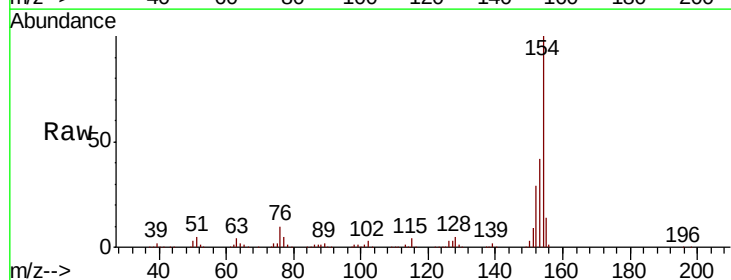
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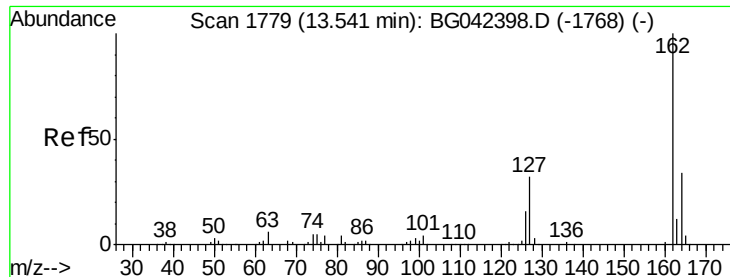
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 8/27/2019 7:51:29 AM



#46  
 1,1'-Biphenyl  
 Concen: 40.661 ng  
 RT: 13.49 min Scan# 1770  
 Delta R.T. -0.01 min  
 Lab File: BG042493.D  
 Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.1  | 23.0  | 63.0  |
| 76      | 10.2  | 0.0   | 29.6  |





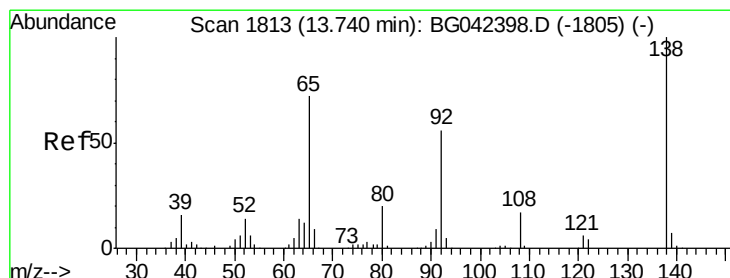
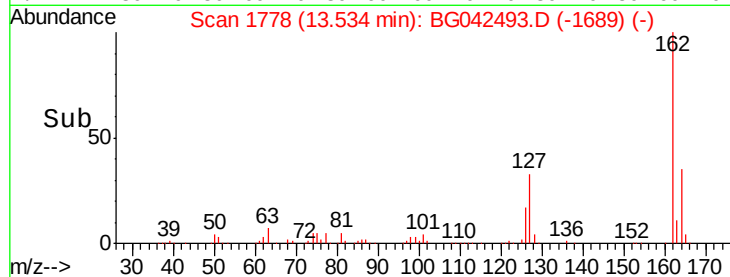
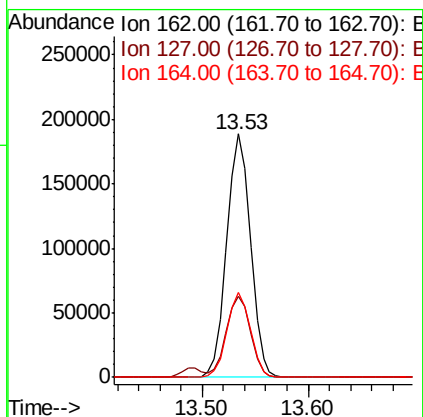
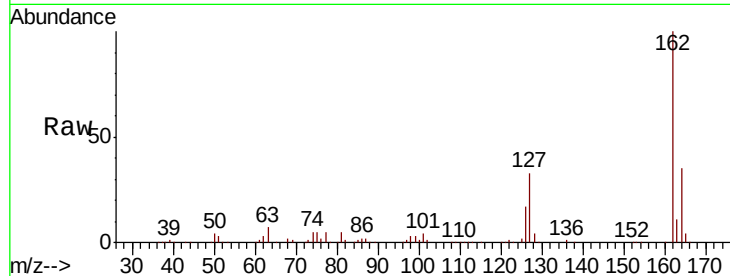
#47  
 2-Chloronaphthalene  
 Concen: 38.603 ng  
 RT: 13.53 min Scan# 1778  
 Delta R.T. -0.01 min  
 Lab File: BG042493.D  
 Acq: 26 Aug 2019 10:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB122510BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 294683 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 33.1  | 26.0  | 39.0   |
| 164       | 34.7  | 27.4  | 41.0   |

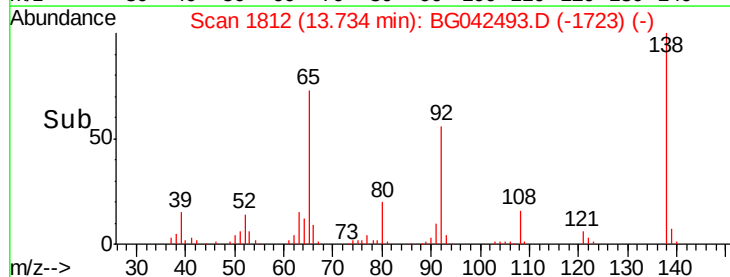
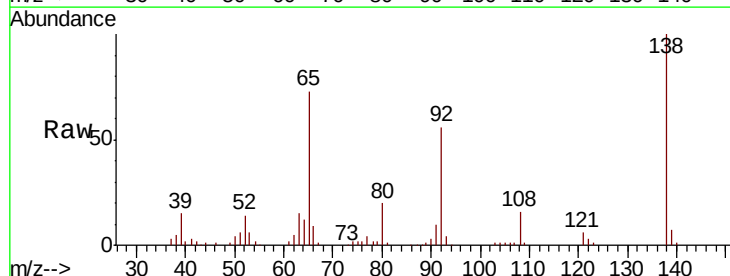
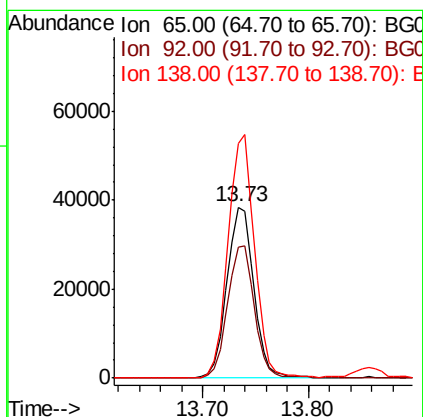
Manual Integrations  
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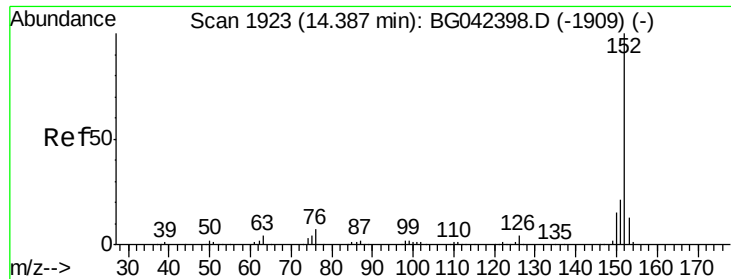
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#48  
 2-Nitroaniline  
 Concen: 36.704 ng  
 RT: 13.73 min Scan# 1812  
 Delta R.T. -0.01 min  
 Lab File: BG042493.D  
 Acq: 26 Aug 2019 10:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 65    | Resp: | 67565 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 77.1  | 61.8  | 92.6  |
| 138       | 137.2 | 111.0 | 166.6 |





#49

Acenaphthylene

Concen: 40.062 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA\_G

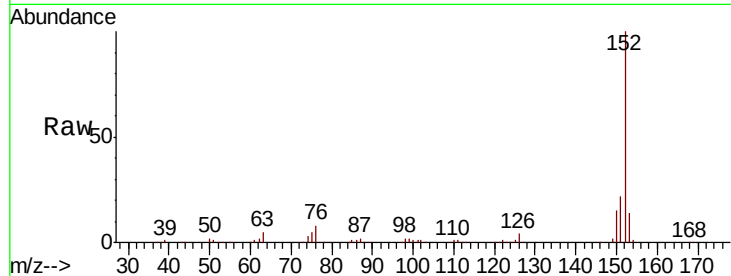
ClientSampleId :

PB122510BS

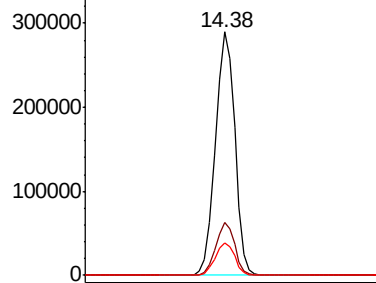
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 152  | Resp: | 460095 |
| Ion Ratio |      | Lower | Upper  |
| 152       | 100  |       |        |
| 151       | 21.5 | 17.0  | 25.4   |
| 153       | 13.6 | 10.6  | 16.0   |

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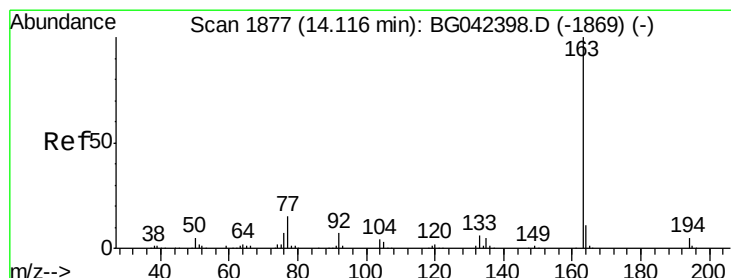
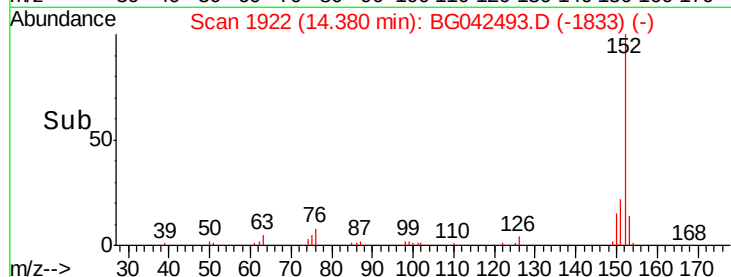
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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 36.743 ng

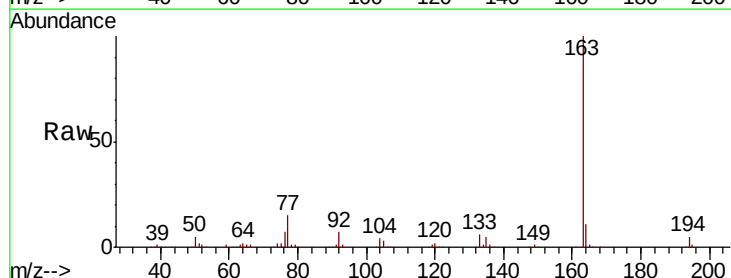
RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

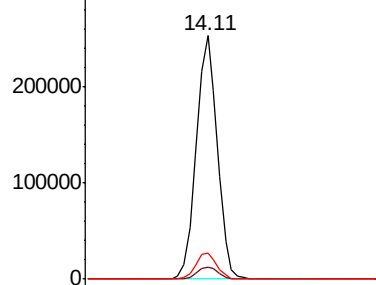
Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

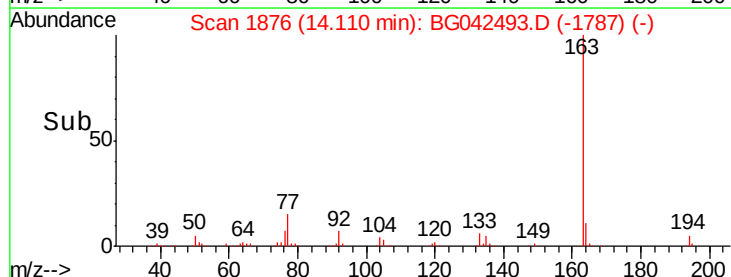
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 163  | Resp: | 363091 |
| Ion Ratio |      | Lower | Upper  |
| 163       | 100  |       |        |
| 194       | 5.0  | 4.2   | 6.2    |
| 164       | 10.7 | 8.8   | 13.2   |

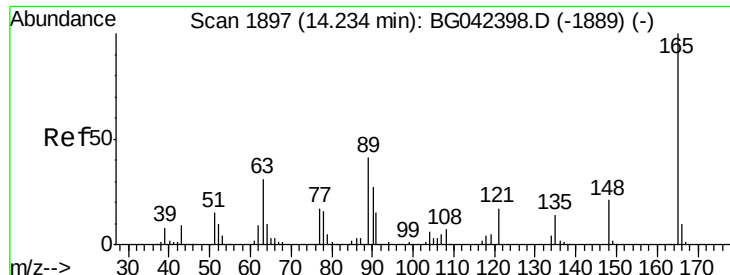


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E



Time-->





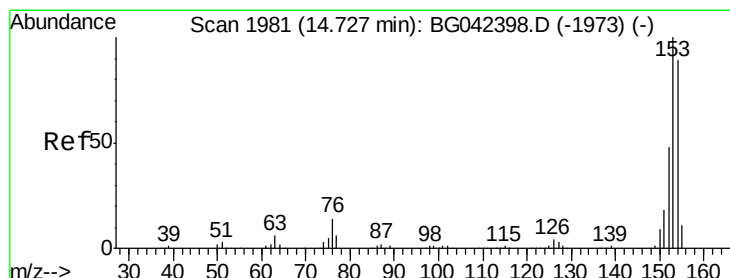
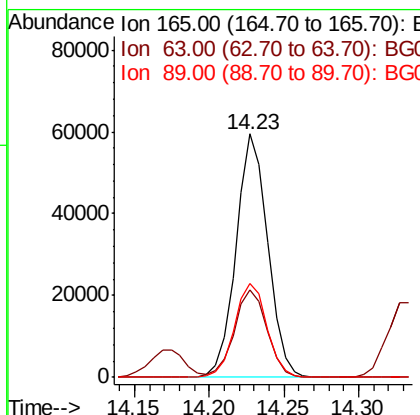
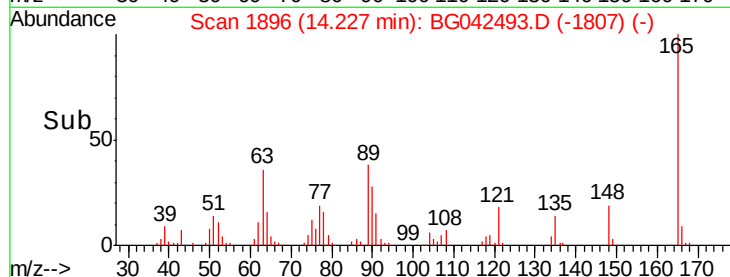
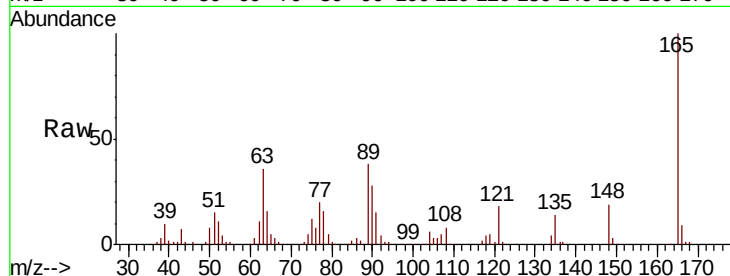
#51  
 2,6-Dinitrotoluene  
 Concen: 38.211 ng  
 RT: 14.23 min Scan# 1896  
 Delta R.T. -0.01 min  
 Lab File: BG042493.D  
 Acq: 26 Aug 2019 10:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB122510BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 36.1  | 30.6  | 45.8  |
| 89      | 38.5  | 32.6  | 49.0  |

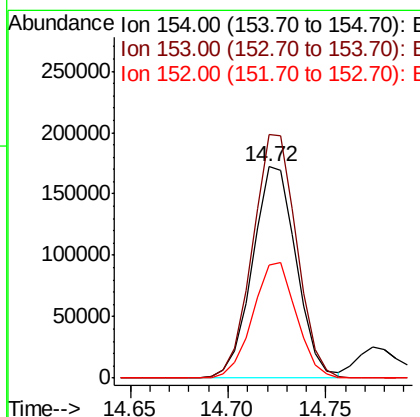
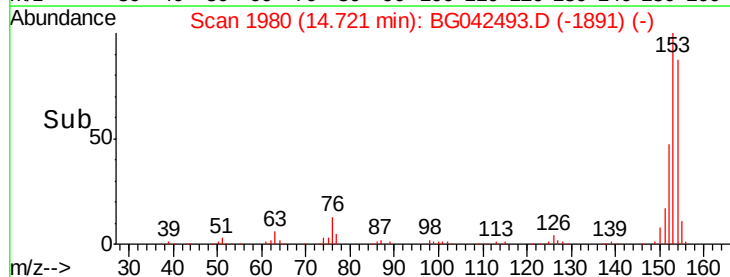
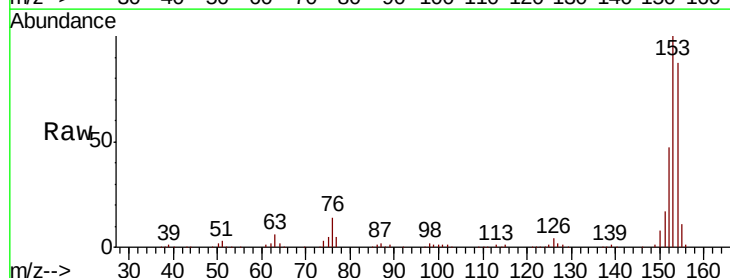
Manual Integrations  
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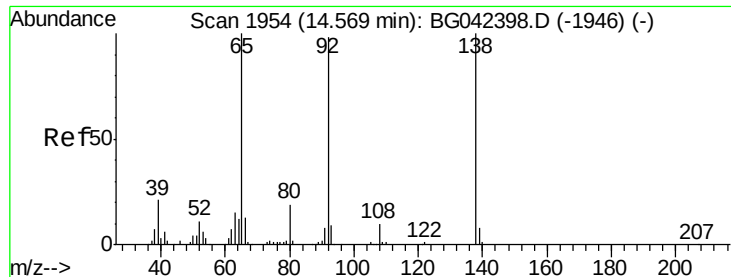
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#52  
 Acenaphthene  
 Concen: 38.459 ng  
 RT: 14.72 min Scan# 1980  
 Delta R.T. -0.01 min  
 Lab File: BG042493.D  
 Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 115.2 | 90.2  | 135.4 |
| 152     | 53.7  | 43.2  | 64.8  |





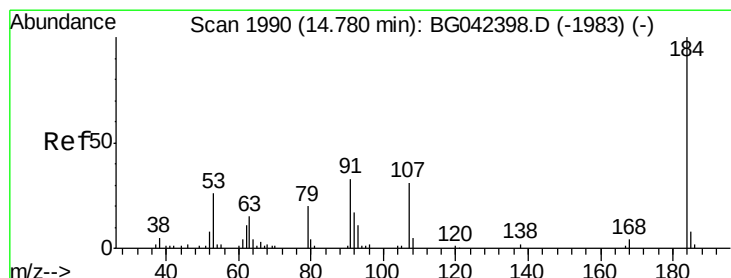
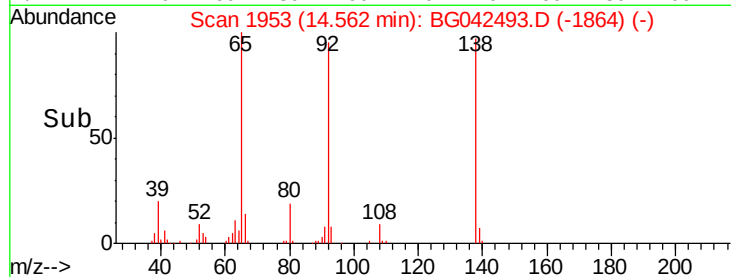
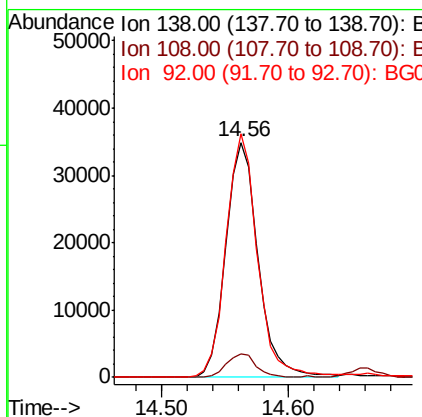
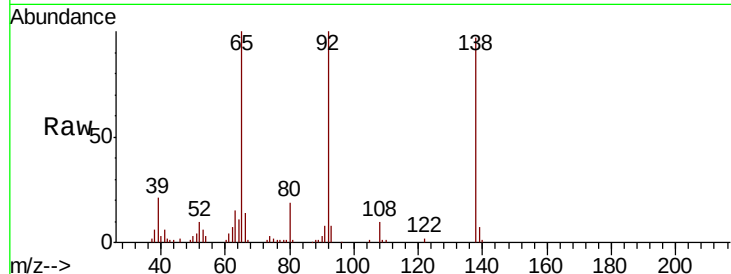
#53  
3-Nitroaniline  
Concen: 26.794 ng  
RT: 14.56 min Scan# 1953  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

Instrument :  
BNA\_G  
ClientSampleId :  
PB122510BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.0  | 8.3   | 12.5  |
| 92      | 103.5 | 78.2  | 117.4 |

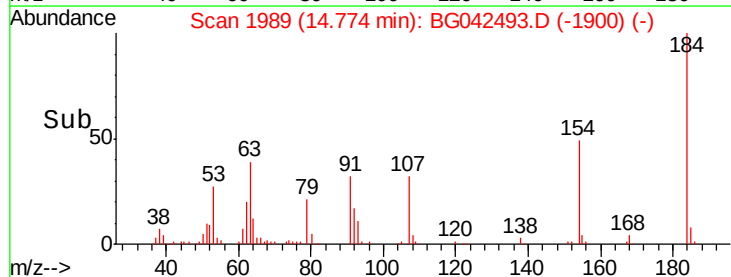
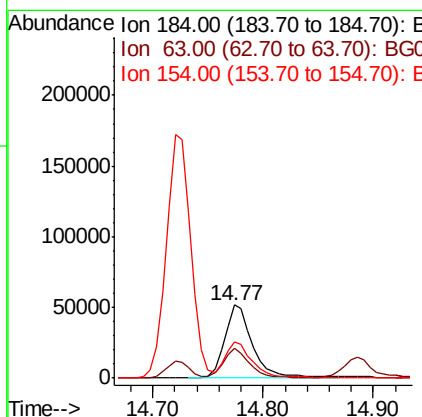
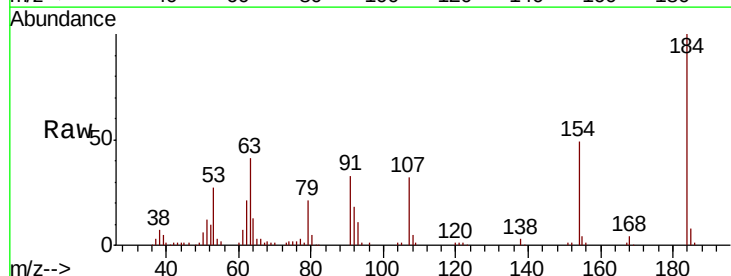
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APPROVED

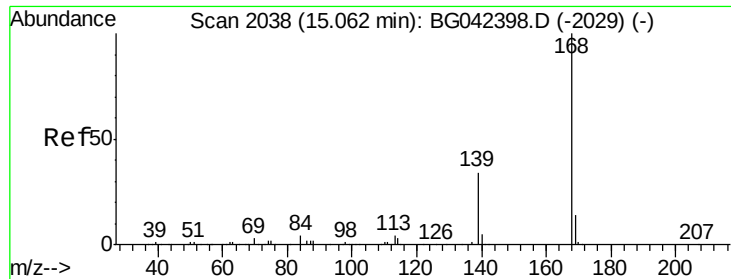
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#54  
2,4-Dinitrophenol  
Concen: 61.124 ng  
RT: 14.77 min Scan# 1989  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 41.1  | 31.7  | 47.5  |
| 154     | 49.4  | 42.0  | 63.0  |





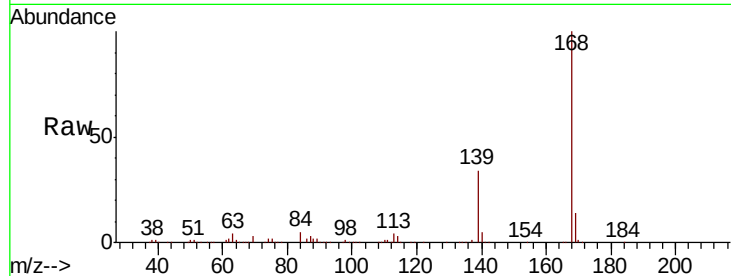
#55  
Dibenzofuran  
Concen: 39.166 ng  
RT: 15.06 min Scan# 2037  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

Instrument :  
BNA\_G  
ClientSampleId :  
PB122510BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 34.0  | 27.2  | 40.8  |
| 169     | 14.1  | 11.5  | 17.3  |

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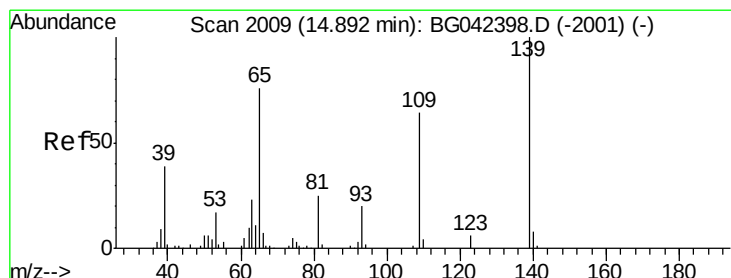
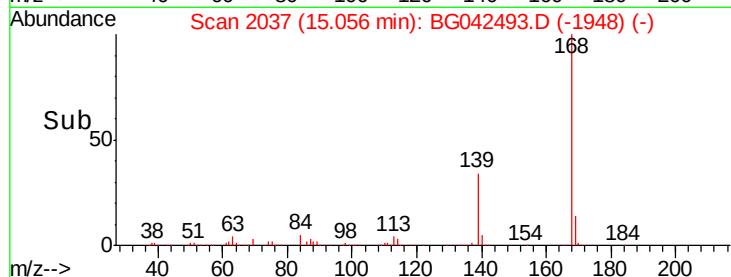
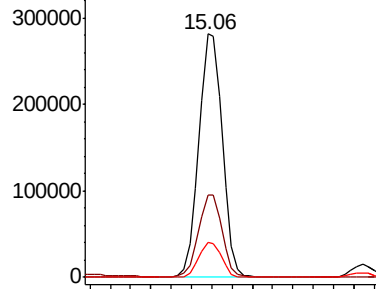


Abundance

Ion 168.00 (167.70 to 168.70): E

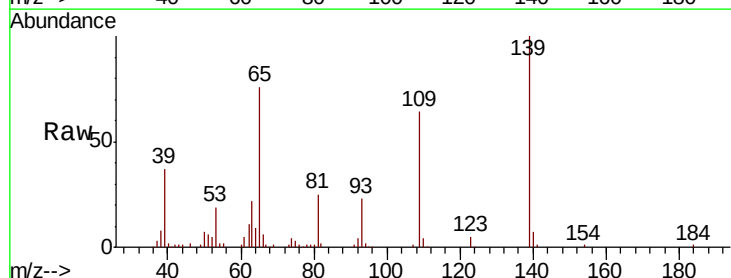
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 78.627 ng  
RT: 14.89 min Scan# 2008  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 63.6  | 43.9  | 83.9  |
| 65      | 75.6  | 56.3  | 96.3  |

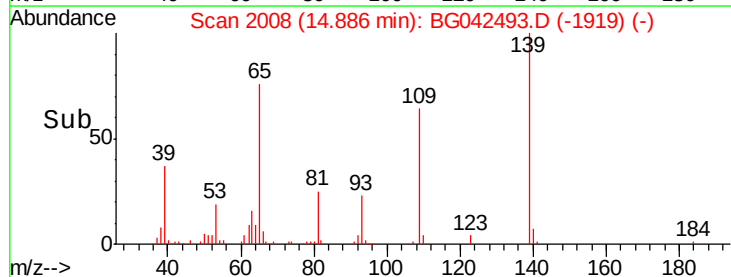
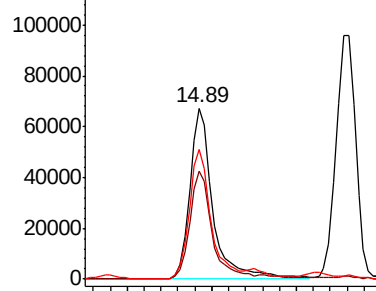


Abundance

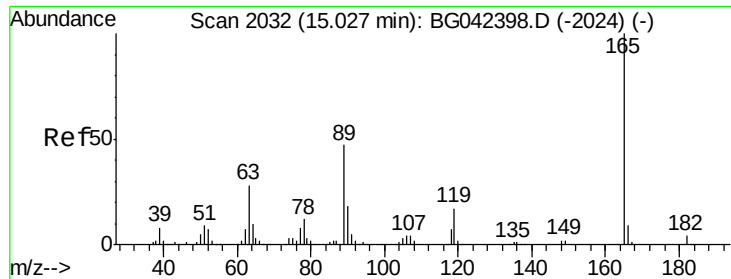
Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC







#57

2,4-Dinitrotoluene

Concen: 36.604 ng

RT: 15.02 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA\_G

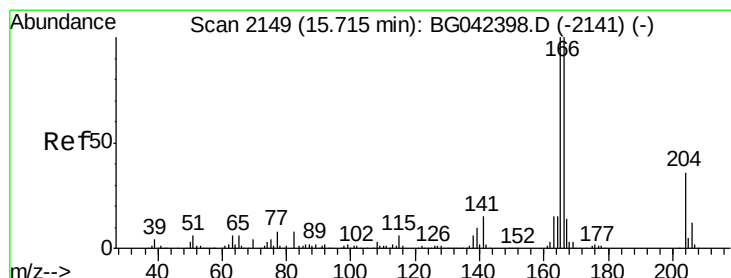
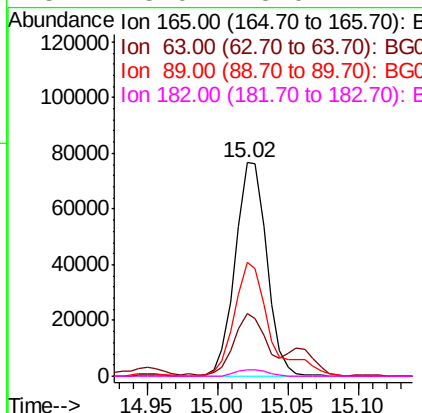
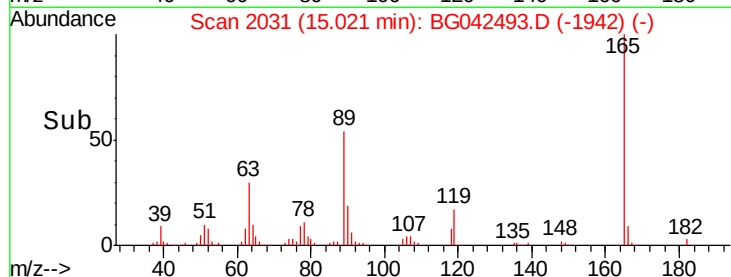
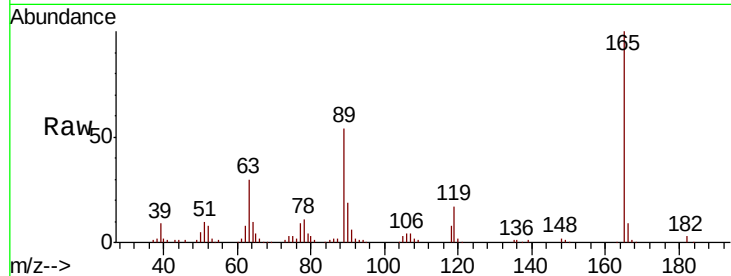
ClientSampleId :

PB122510BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 120063 |       |       |
| 63      | 29.6  |        | 22.5  | 33.7  |
| 89      | 53.6  |        | 37.8  | 56.6  |
| 182     | 3.0   |        | 3.0   | 4.4   |

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#58

Fluorene

Concen: 38.418 ng

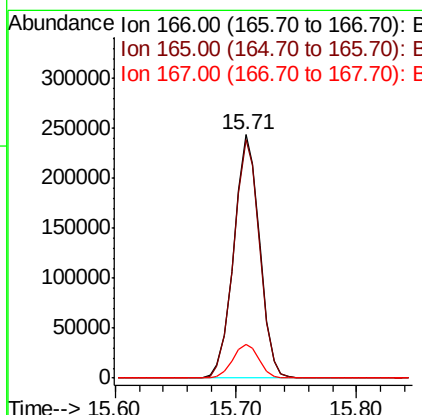
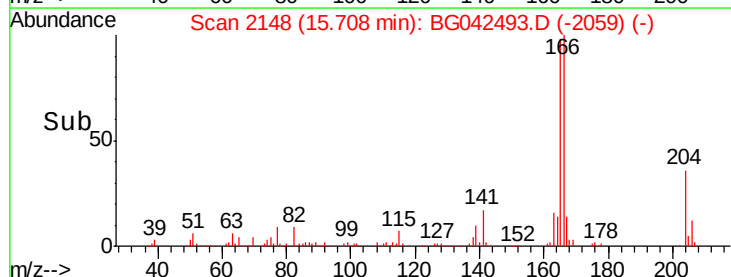
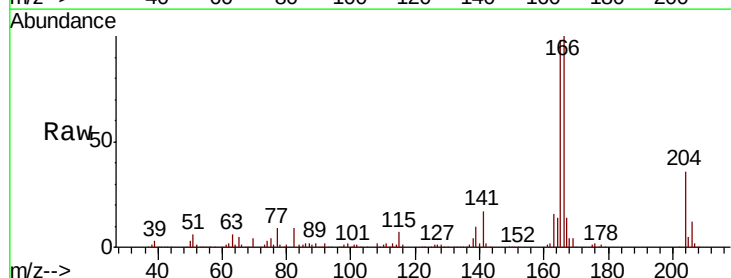
RT: 15.71 min Scan# 2148

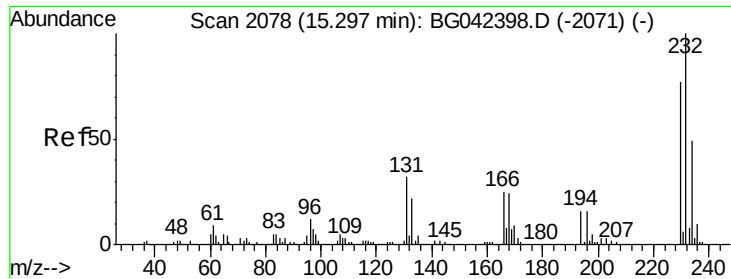
Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 362517 |       |       |
| 165     | 97.8  |        | 79.7  | 119.5 |
| 167     | 13.7  |        | 10.9  | 16.3  |





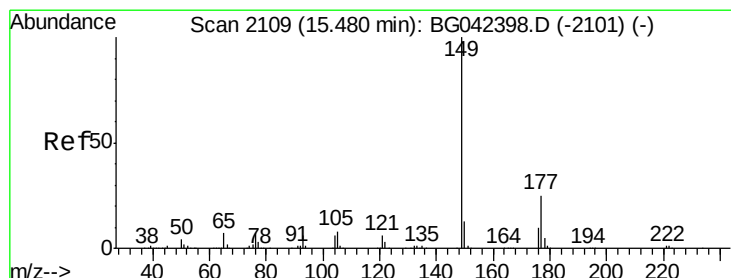
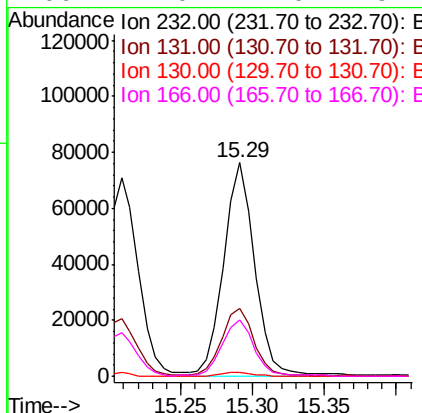
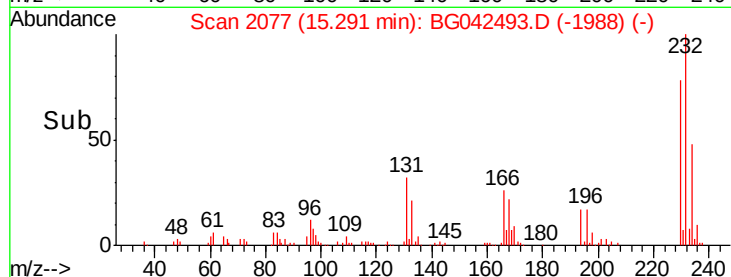
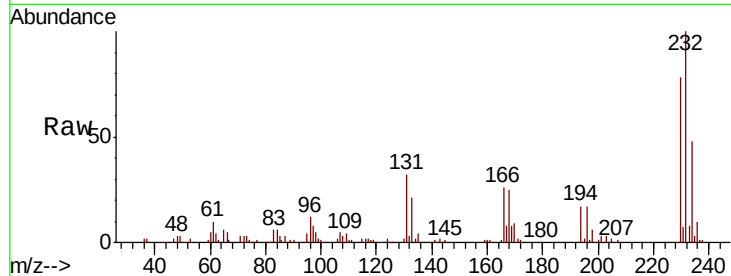
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 37.793 ng m  
 RT: 15.29 min Scan# 2077  
 Delta R.T. -0.01 min  
 Lab File: BG042493.D  
 Acq: 26 Aug 2019 10:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB122510BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 232   | Resp: | 115140 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 28.6  | 22.9  | 34.3   |
| 130       | 1.5   | 1.4   | 2.0    |
| 166       | 21.0  | 17.0  | 25.4   |

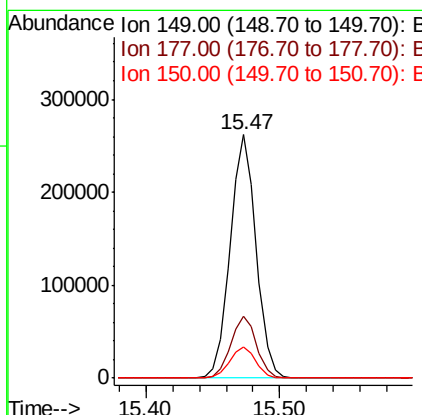
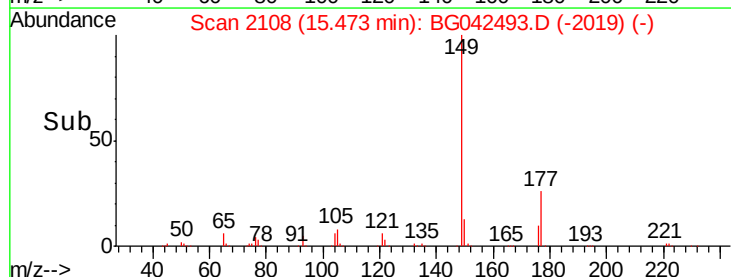
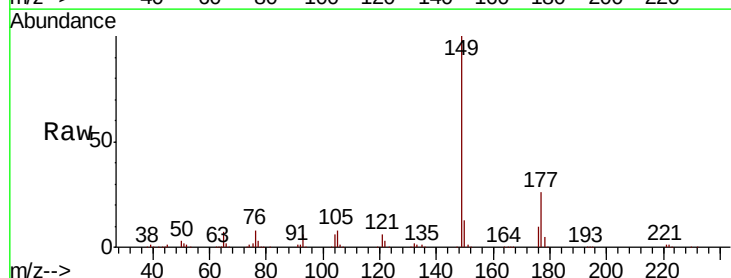
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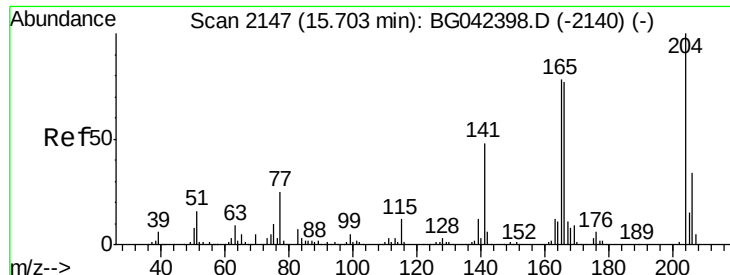
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#60  
 Diethylphthalate  
 Concen: 36.613 ng  
 RT: 15.47 min Scan# 2108  
 Delta R.T. -0.01 min  
 Lab File: BG042493.D  
 Acq: 26 Aug 2019 10:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 353686 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 25.6  | 20.4  | 30.6   |
| 150       | 12.8  | 10.3  | 15.5   |





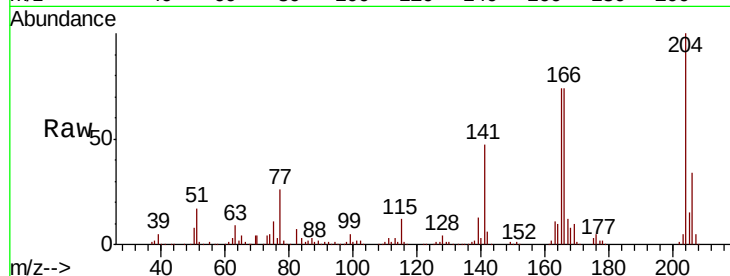
#61  
 4-Chlorophenyl-phenylether  
 Concen: 36.788 ng  
 RT: 15.70 min Scan# 2146  
 Delta R.T. -0.01 min  
 Lab File: BG042493.D  
 Acq: 26 Aug 2019 10:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB122510BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 209255 |       |       |
| 206     | 33.8  |        | 27.2  | 40.8  |
| 141     | 47.1  |        | 38.7  | 58.1  |

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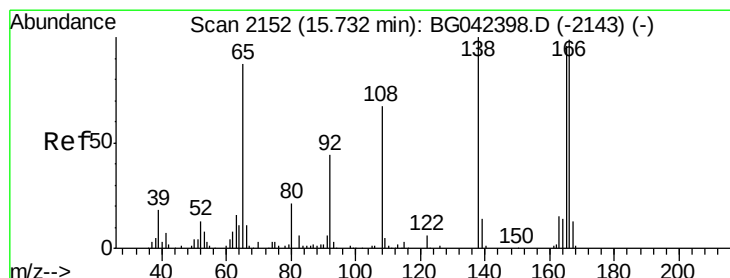
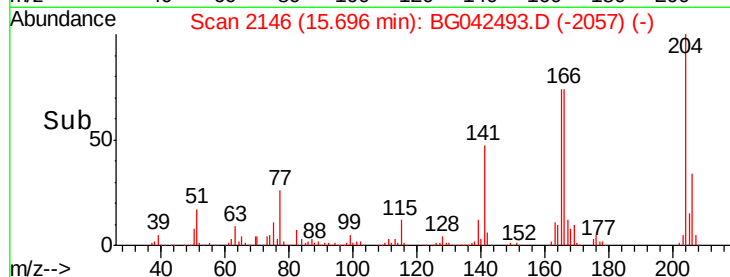
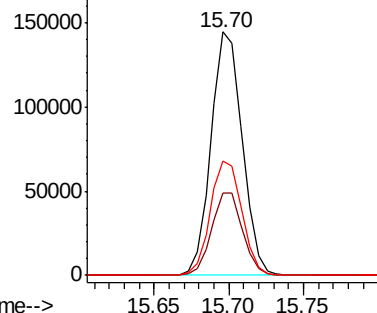


Abundance

Ion 204.00 (203.70 to 204.70): E

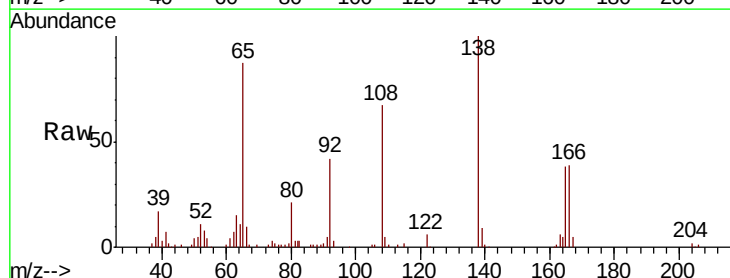
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
 4-Nitroaniline  
 Concen: 36.142 ng  
 RT: 15.73 min Scan# 2152  
 Delta R.T. -0.00 min  
 Lab File: BG042493.D  
 Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 88610 |       |       |
| 92      | 41.7  |       | 24.2  | 64.2  |
| 108     | 66.6  |       | 46.8  | 86.8  |

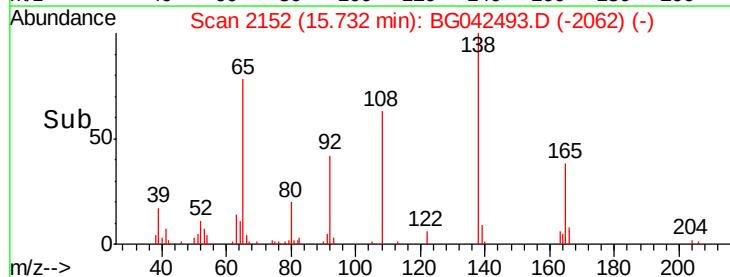
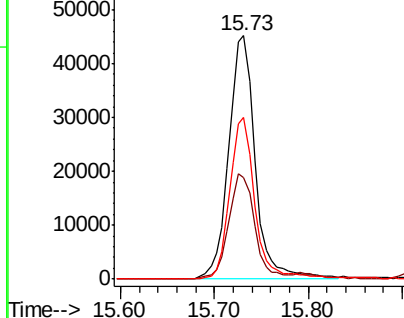


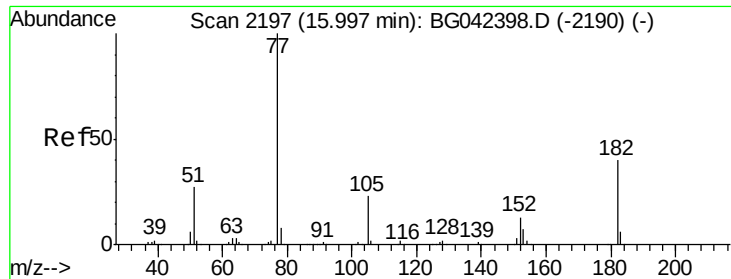
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





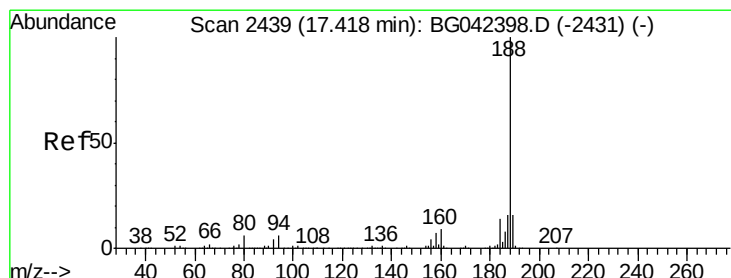
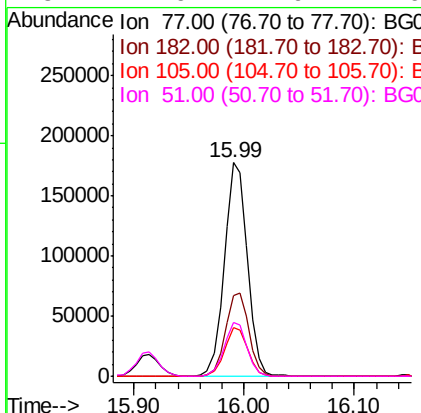
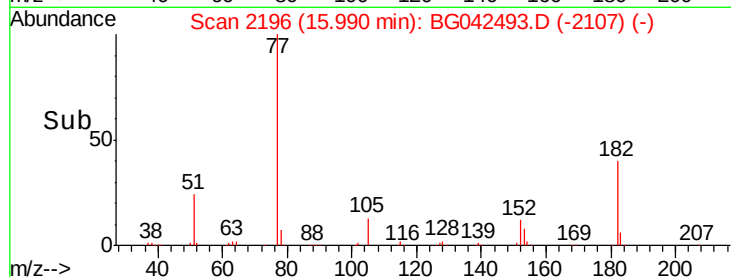
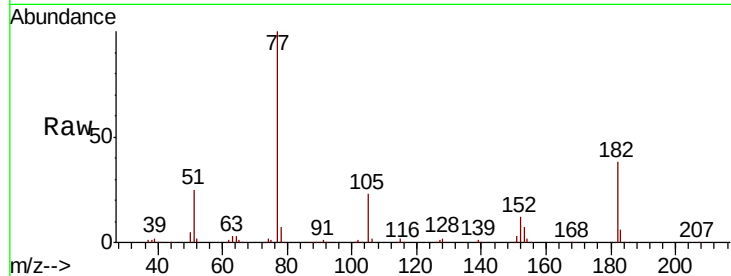
#63  
Azobenzene  
Concen: 38.818 ng  
RT: 15.99 min Scan# 2196  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

Instrument :  
BNA\_G  
ClientSampleId :  
PB122510BS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 38.0 | 19.9  | 59.9  |       |
| 105     | 22.7 | 2.9   | 42.9  |       |
| 51      | 24.9 | 7.6   | 47.6  |       |

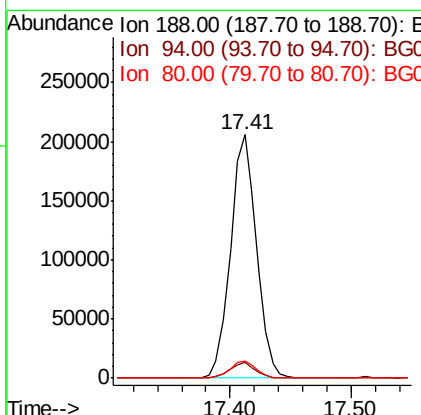
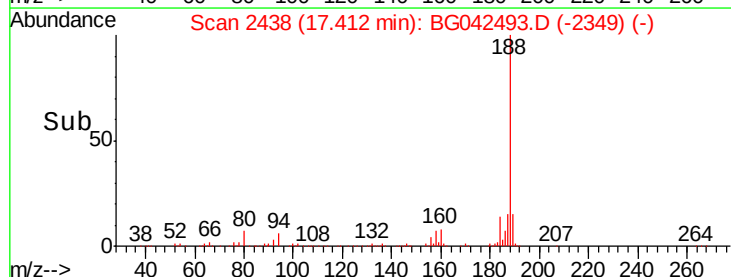
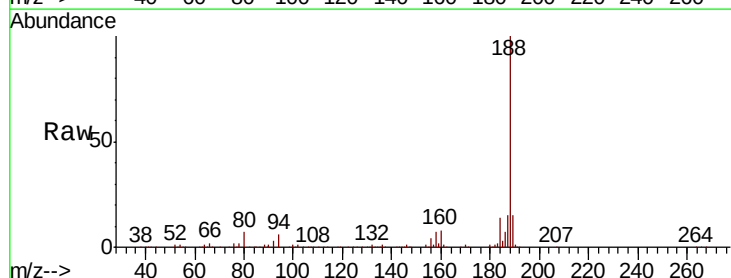
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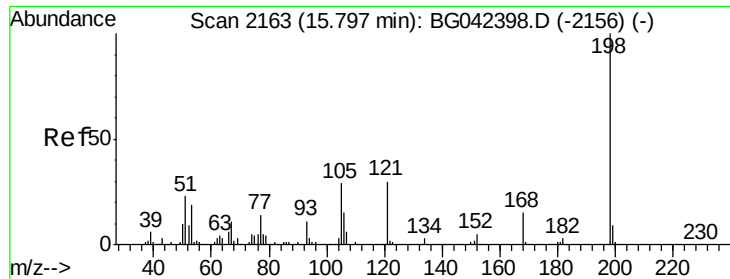
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.41 min Scan# 2438  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 6.3 | 4.5   | 6.7   |       |
| 80      | 6.8 | 4.9   | 7.3   |       |





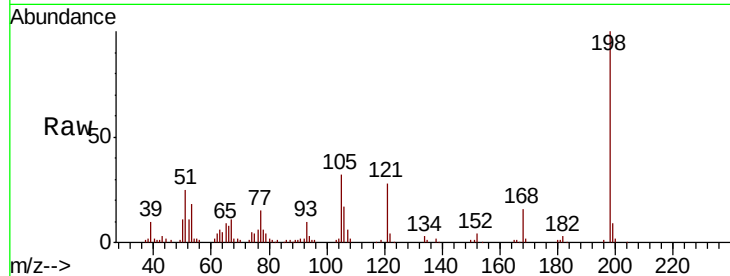
#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.689 ng  
RT: 15.80 min Scan# 2163  
Delta R.T. -0.00 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

Instrument :  
BNA\_G  
ClientSampleId :  
PB122510BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 74578 |       |       |
| 51      | 25.4  |       | 4.2   | 44.2  |
| 105     | 31.9  |       | 8.8   | 48.8  |

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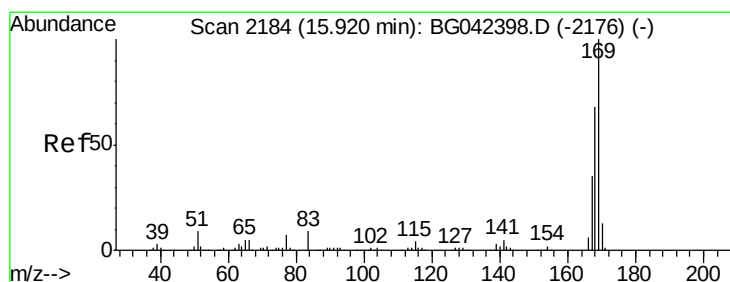
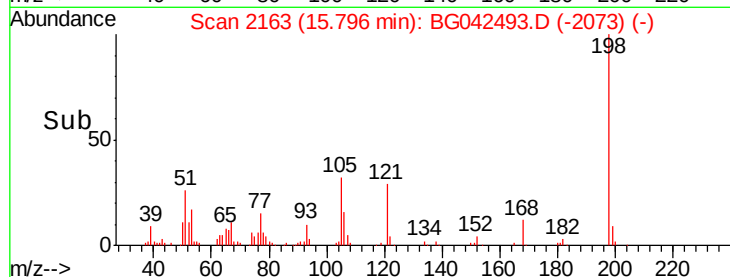
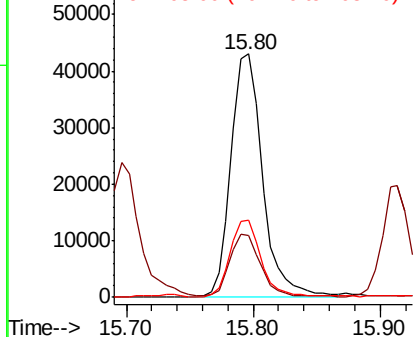


Abundance

Ion 198.00 (197.70 to 198.70): E

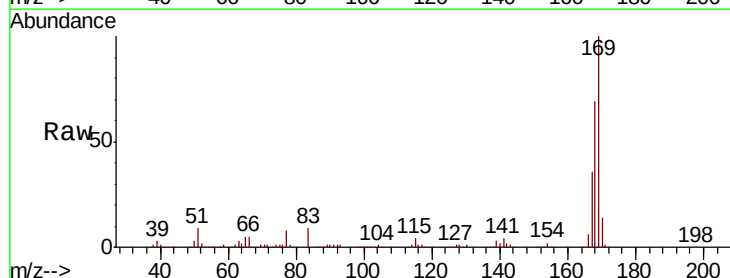
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66  
n-Nitrosodiphenylamine  
Concen: 39.297 ng  
RT: 15.91 min Scan# 2183  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 332272 |       |       |
| 168     | 68.9  |        | 54.3  | 81.5  |
| 167     | 35.6  |        | 28.2  | 42.2  |

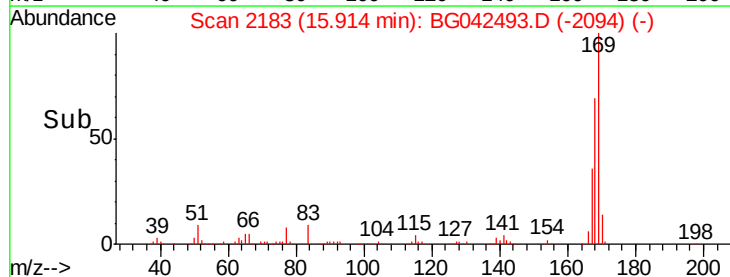
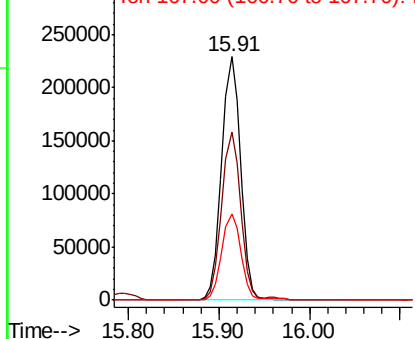


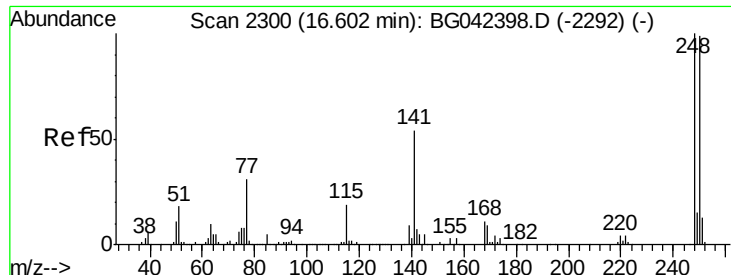
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





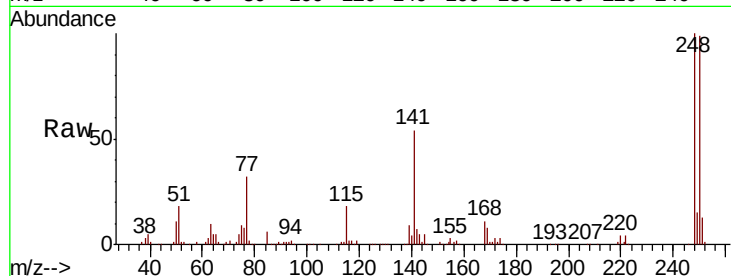
#67  
 4-Bromophenyl-phenylether  
 Concen: 36.209 ng  
 RT: 16.60 min Scan# 2299  
 Delta R.T. -0.01 min  
 Lab File: BG042493.D  
 Acq: 26 Aug 2019 10:34

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB122510BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.6  | 78.9  | 118.3 |
| 141     | 54.4  | 43.3  | 64.9  |

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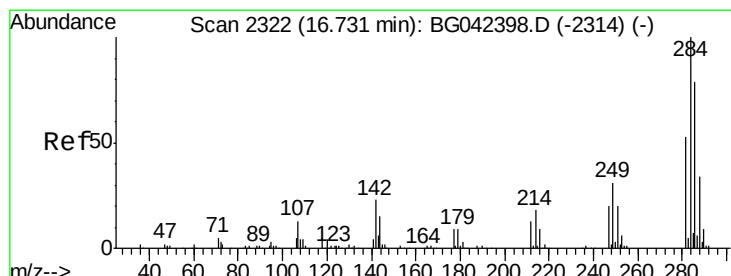
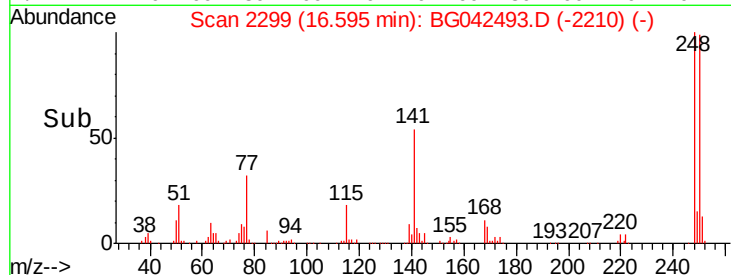
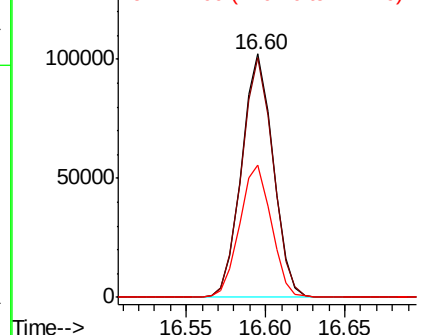


Abundance

Ion 248.00 (247.70 to 248.70): E

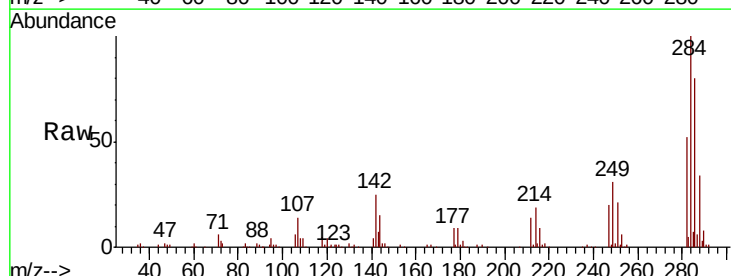
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 34.634 ng  
 RT: 16.72 min Scan# 2321  
 Delta R.T. -0.01 min  
 Lab File: BG042493.D  
 Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 25.1  | 18.2  | 27.4  |
| 249     | 31.4  | 25.0  | 37.4  |

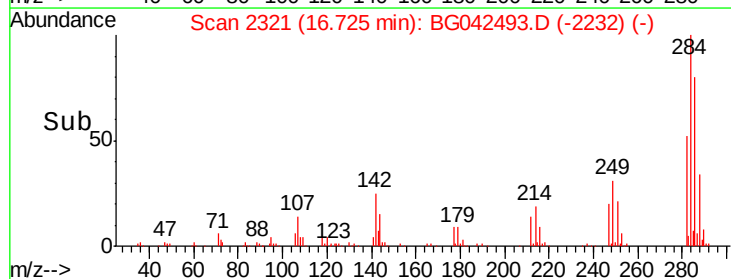
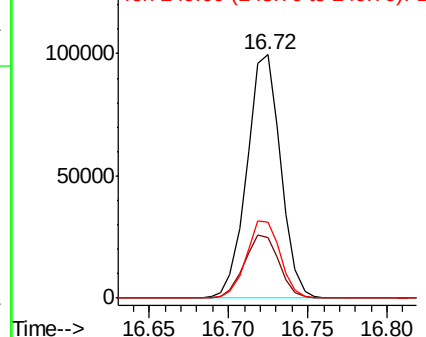


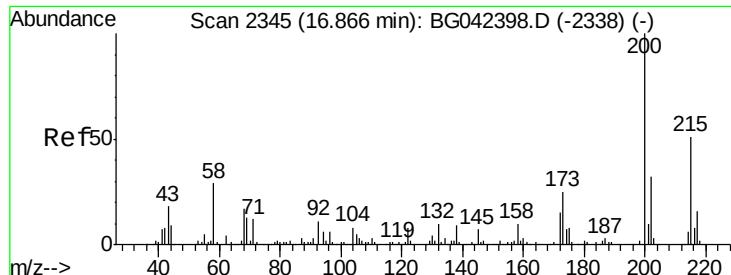
Abundance

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





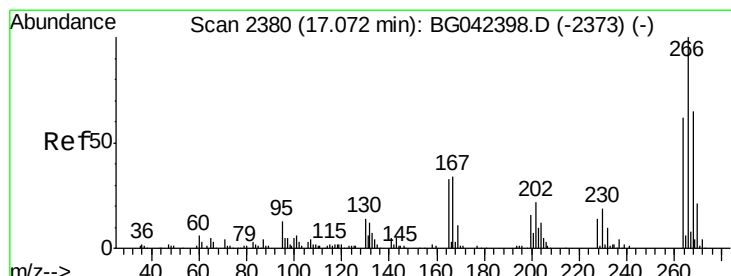
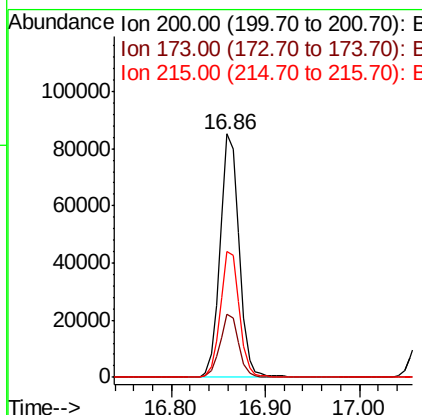
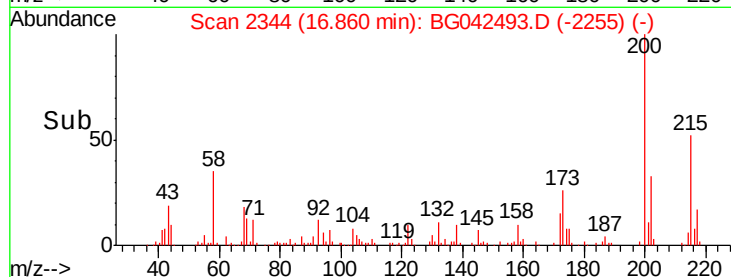
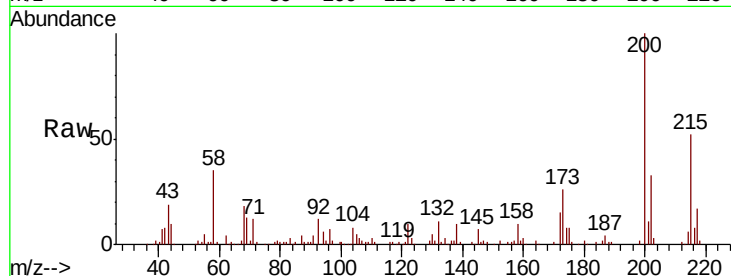
#69  
 Atrazine  
 Concen: 40.158 ng  
 RT: 16.86 min Scan# 2344  
 Delta R.T. -0.01 min  
 Lab File: BG042493.D  
 Acq: 26 Aug 2019 10:34

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB122510BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 25.8  | 4.9        | 44.9  |
| 215     | 51.5  | 30.7       | 70.7  |

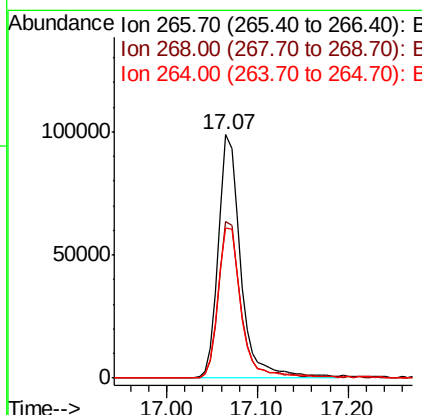
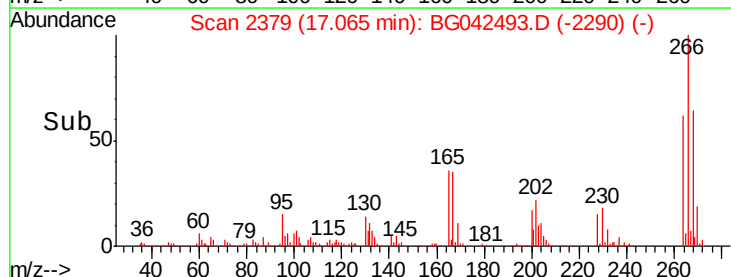
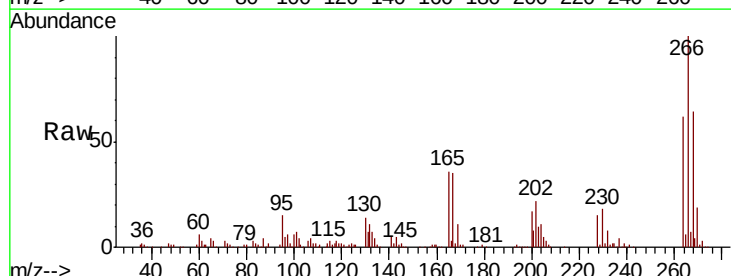
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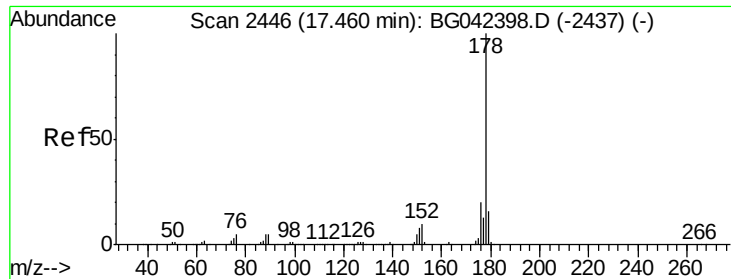
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#70  
 Pentachlorophenol  
 Concen: 76.789 ng  
 RT: 17.07 min Scan# 2379  
 Delta R.T. -0.01 min  
 Lab File: BG042493.D  
 Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 64.1  | 52.1       | 78.1  |
| 264     | 61.7  | 49.4       | 74.2  |





#71

Phenanthrene

Concen: 39.487 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA\_G

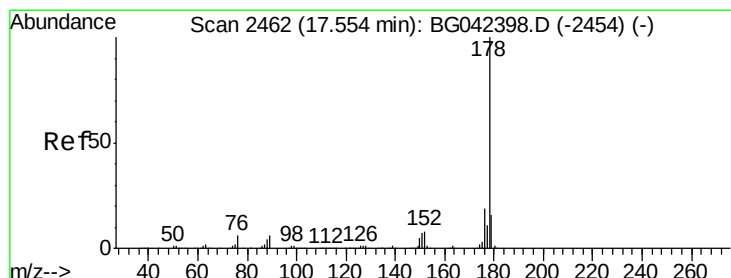
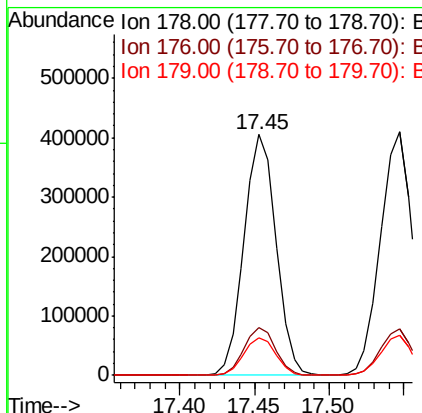
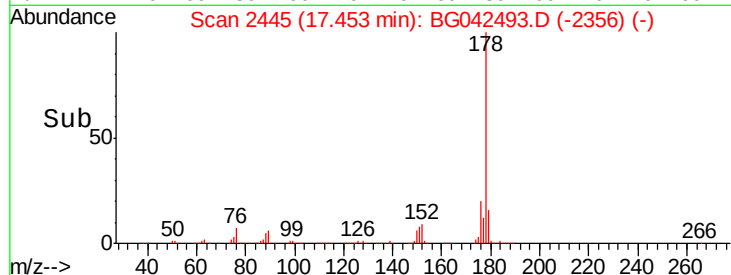
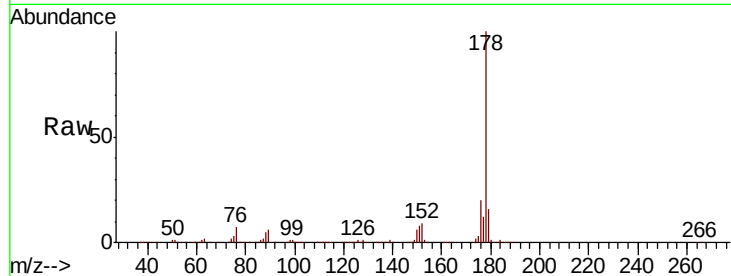
ClientSampleId :

PB122510BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 15.9  | 23.9  |
| 179     | 15.8  | 12.7  | 19.1  |

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#72

Anthracene

Concen: 40.544 ng

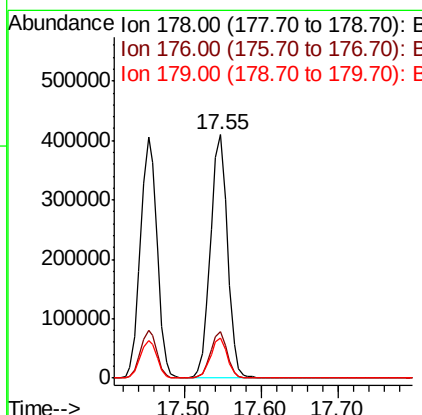
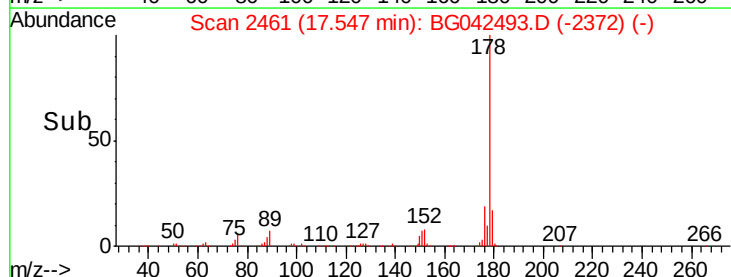
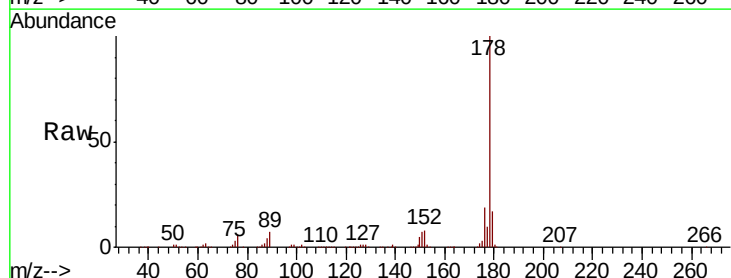
RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

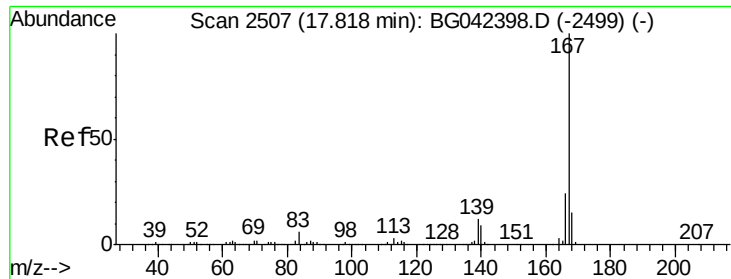
Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.0  | 15.5  | 23.3  |
| 179     | 16.5  | 12.9  | 19.3  |







#73

Carbazole

Concen: 40.533 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA\_G

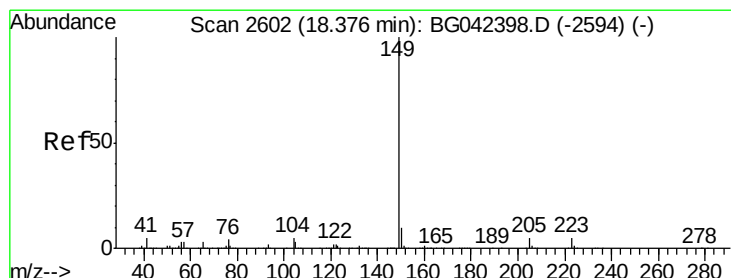
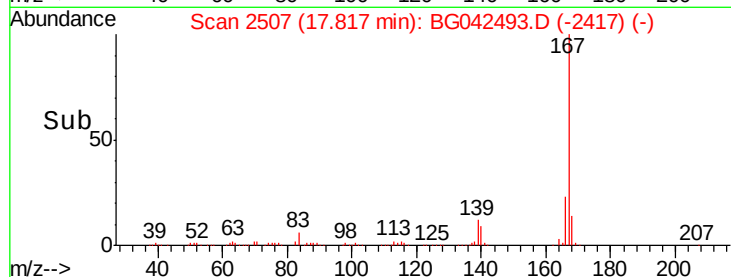
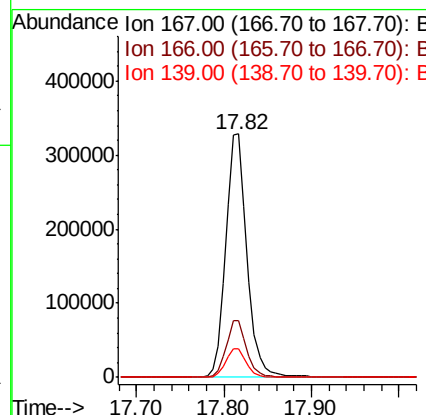
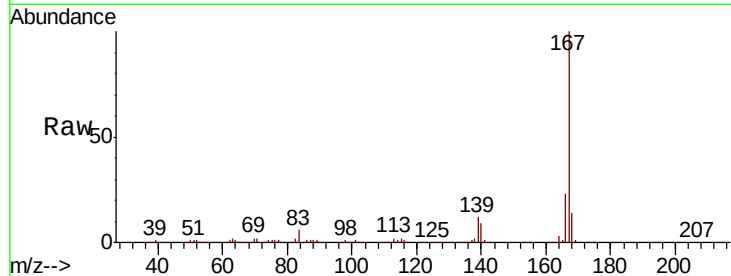
ClientSampleId :

PB122510BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 550758 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 23.3  | 18.9  | 28.3   |
| 139       | 11.7  | 9.8   | 14.6   |

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#74

Di-n-butylphthalate

Concen: 40.198 ng

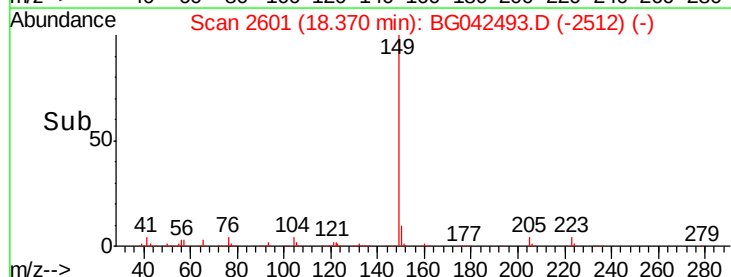
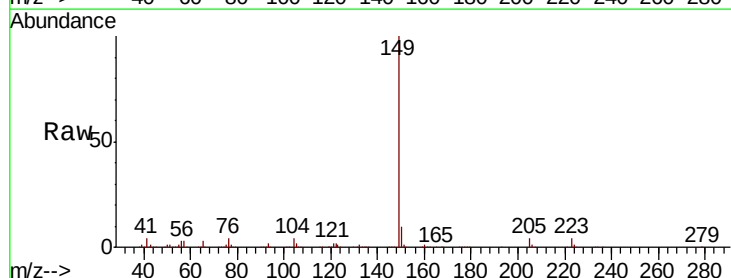
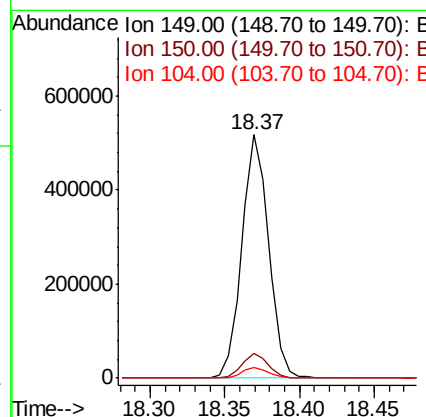
RT: 18.37 min Scan# 2601

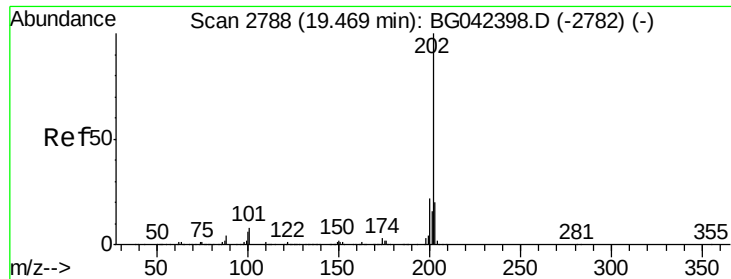
Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 645663 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 10.1  | 8.1   | 12.1   |
| 104       | 4.5   | 3.7   | 5.5    |





#75

Fluoranthene

Concen: 42.426 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA\_G

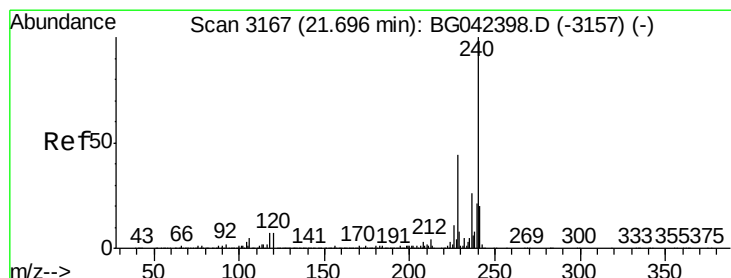
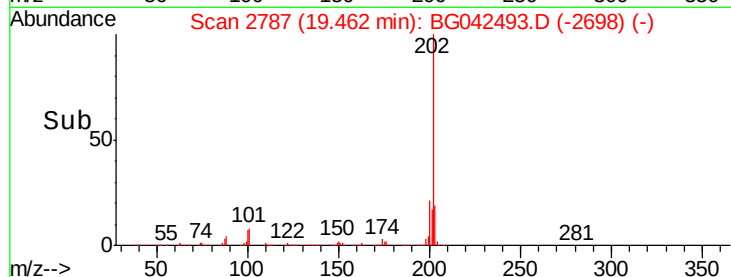
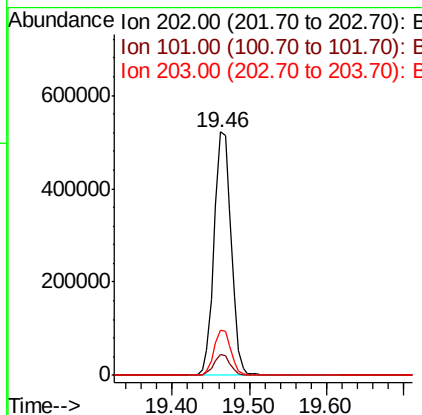
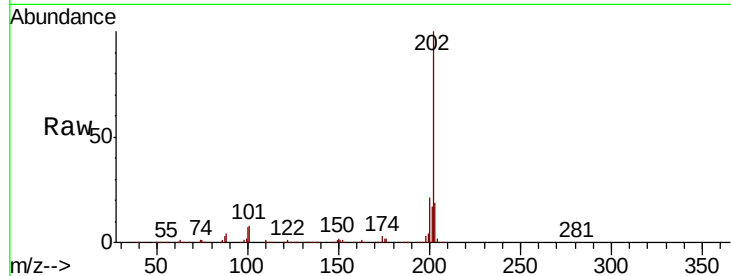
ClientSampleId :

PB122510BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 8.4   | 0.0        | 28.3  |
| 203     | 18.7  | 0.0        | 39.6  |

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#76

Chrysene-d12

Concen: 20.000 ng

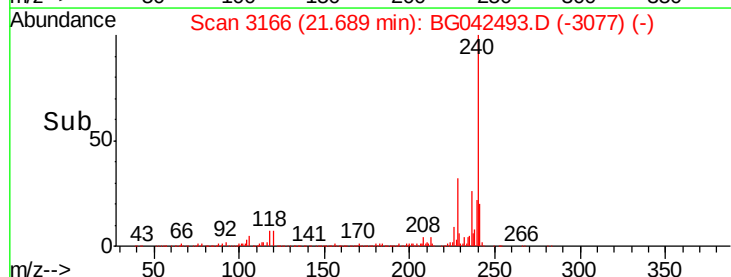
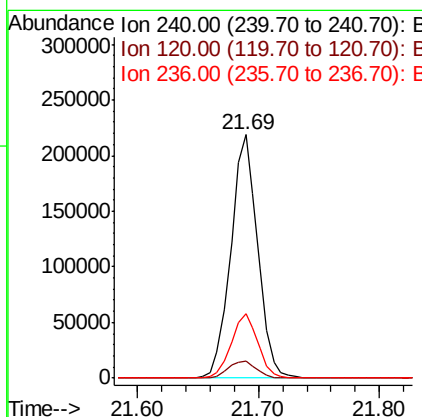
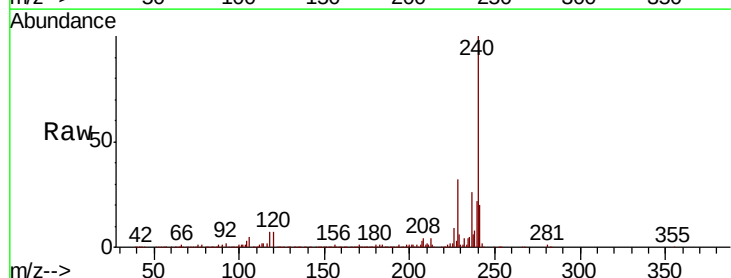
RT: 21.69 min Scan# 3166

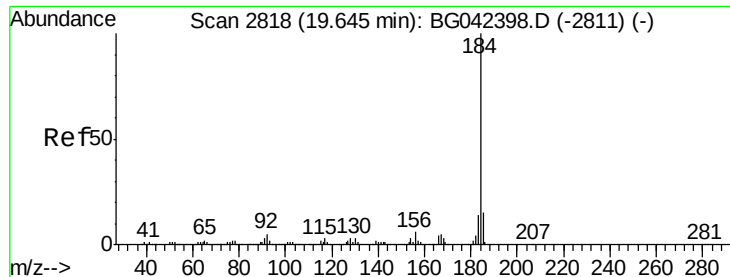
Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 7.0   | 5.7        | 8.5   |
| 236     | 26.2  | 21.0       | 31.4  |





#77

Benzidine

Concen: 35.031 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA\_G

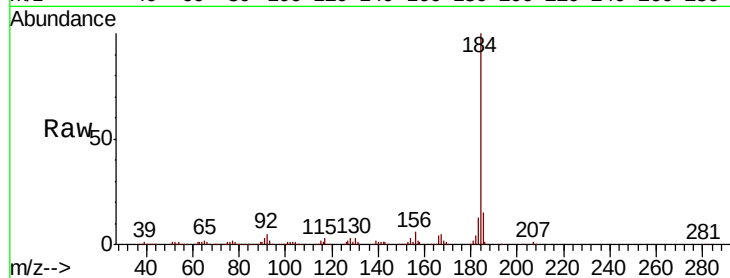
ClientSampleId :

PB122510BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 339446 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.1  | 12.2  | 18.4   |
| 183       | 13.1  | 10.8  | 16.2   |

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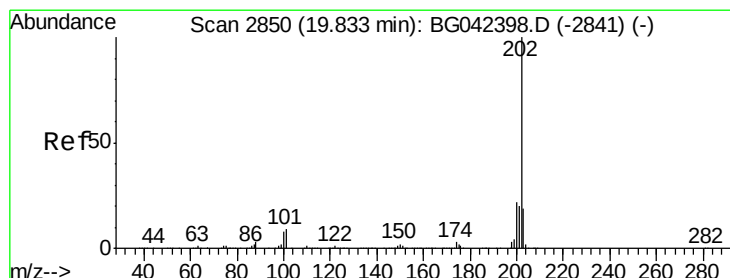
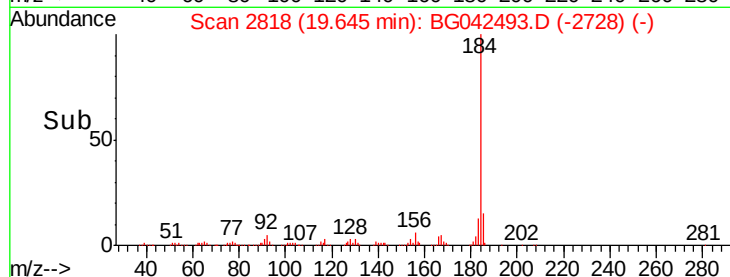
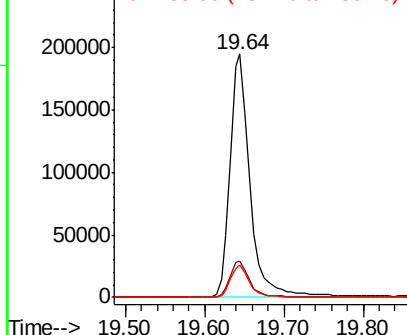


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.473 ng

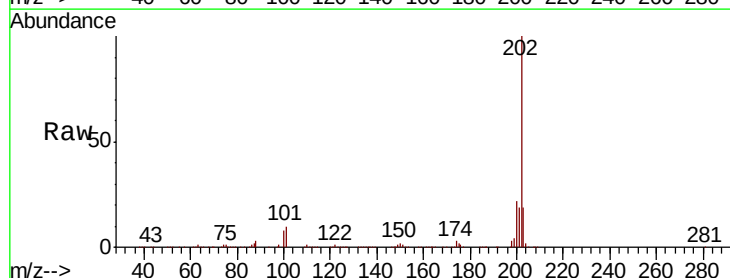
RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 797203 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 22.2  | 17.8  | 26.6   |
| 203       | 18.7  | 15.5  | 23.3   |

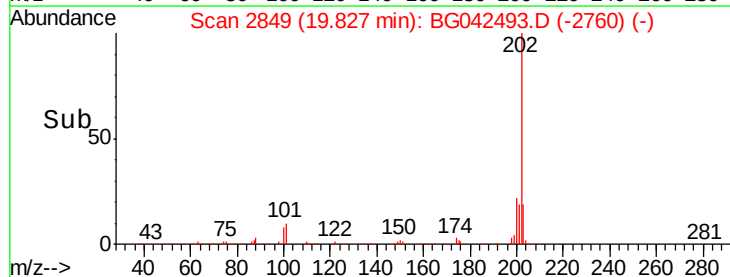
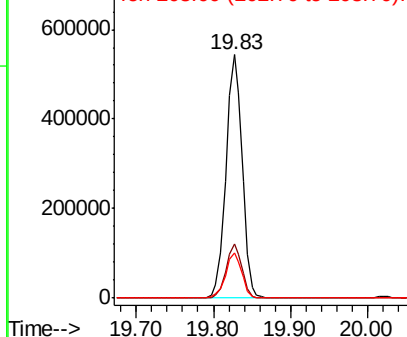


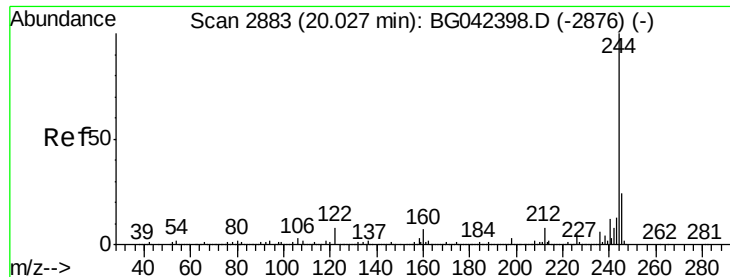
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.475 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA\_G

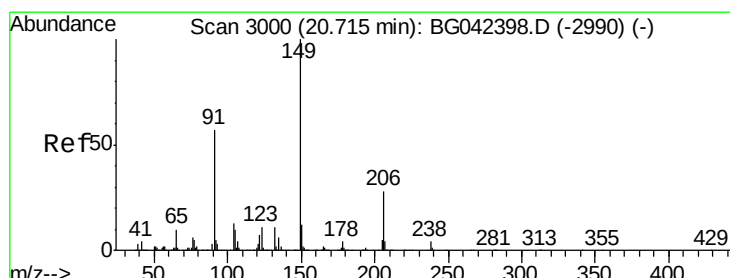
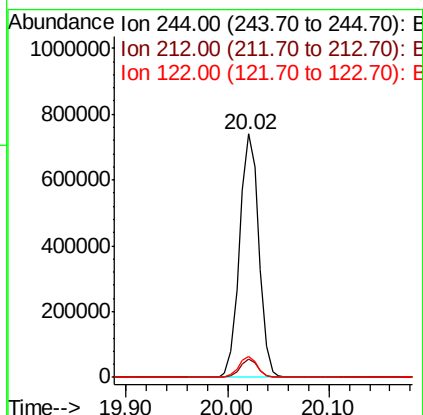
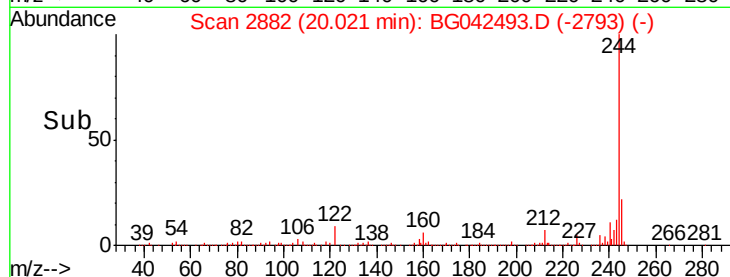
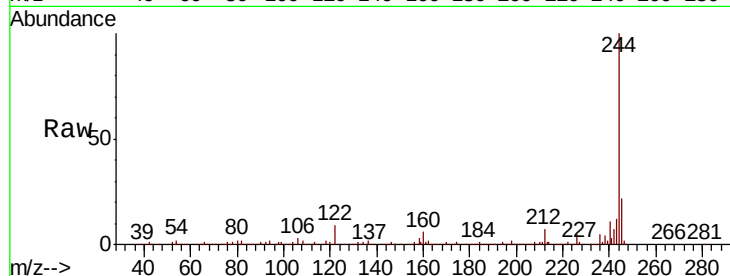
ClientSampleId :

PB122510BS

|           |     |       |        |
|-----------|-----|-------|--------|
| Tot Ion:  | 244 | Resp: | 976662 |
| Ion Ratio |     | Lower | Upper  |
| 244       | 100 |       |        |
| 212       | 7.3 | 6.0   | 9.0    |
| 122       | 8.6 | 6.7   | 10.1   |

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#80

Butylbenzylphthalate

Concen: 38.764 ng

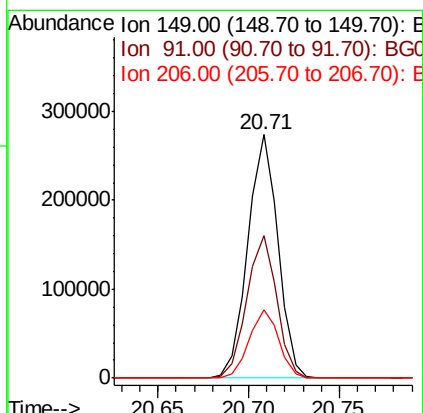
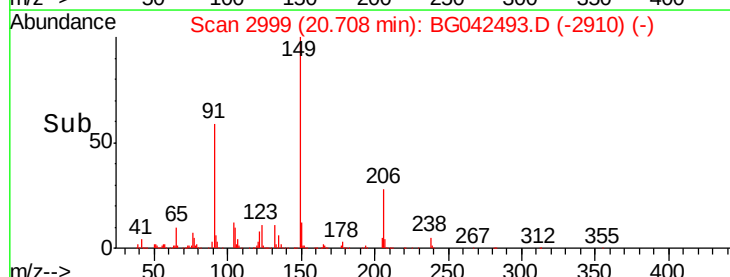
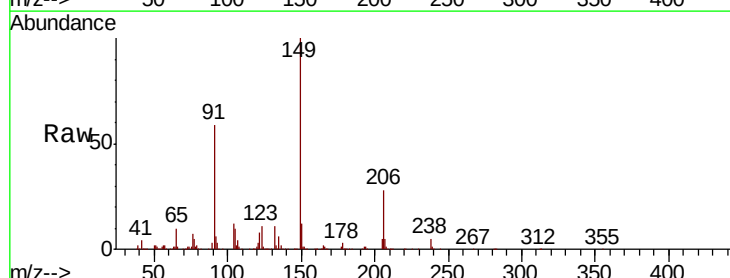
RT: 20.71 min Scan# 2999

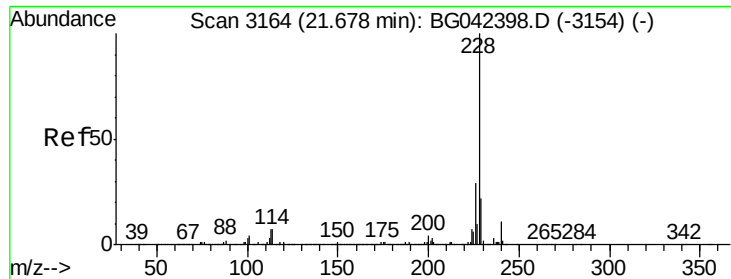
Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 315926 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 91        | 58.8 | 45.9  | 68.9   |
| 206       | 28.0 | 22.5  | 33.7   |





#81

Benzo(a)anthracene

Concen: 38.975 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA\_G

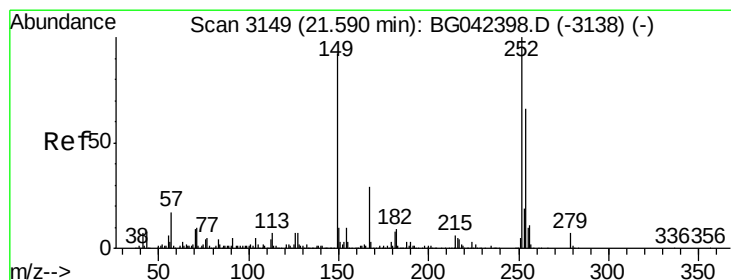
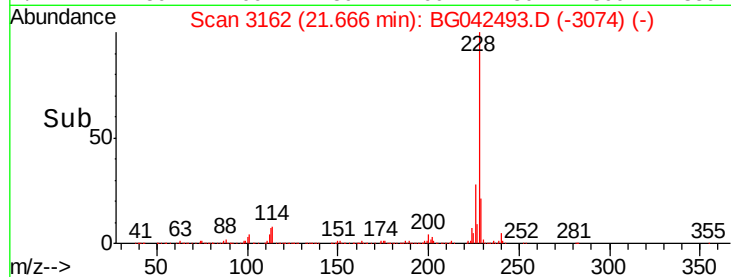
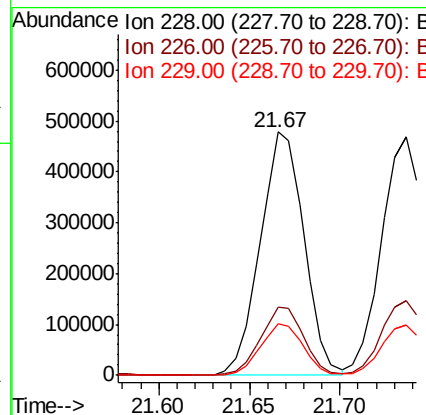
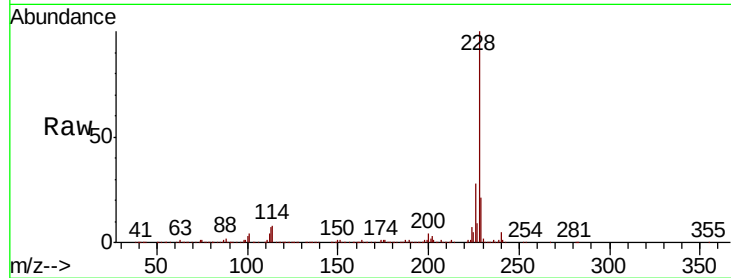
ClientSampleId :

PB122510BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 801302 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.0  | 23.4  | 35.2   |
| 229       | 21.2  | 17.4  | 26.2   |

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#82

3,3'-Dichlorobenzidine

Concen: 33.572 ng

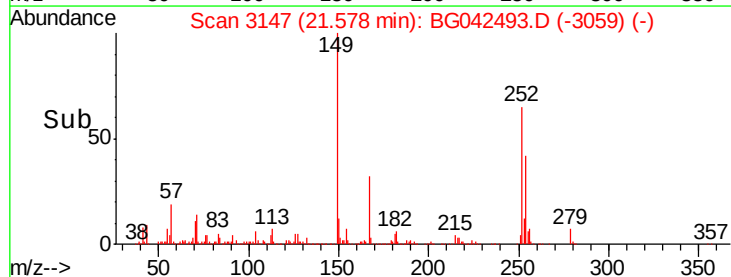
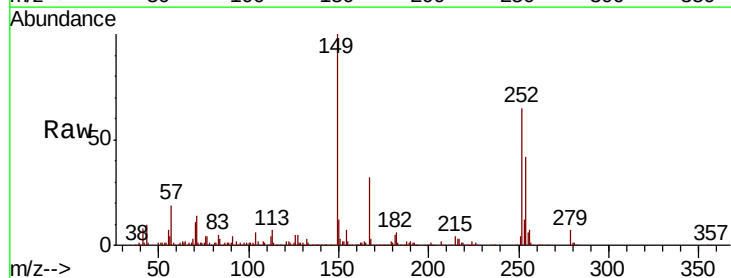
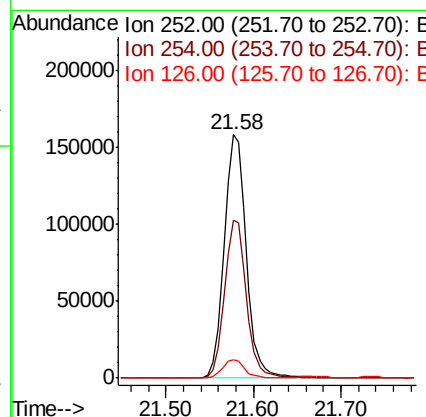
RT: 21.58 min Scan# 3147

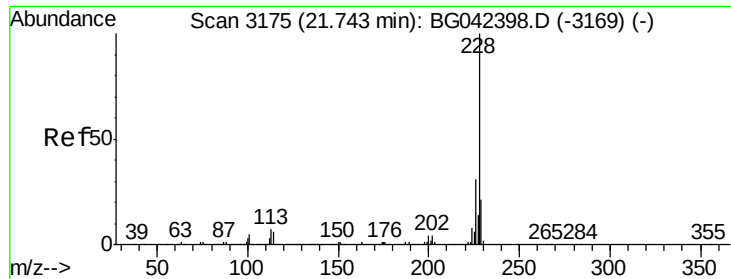
Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 277595 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 65.0  | 53.0  | 79.4   |
| 126       | 7.3   | 5.7   | 8.5    |





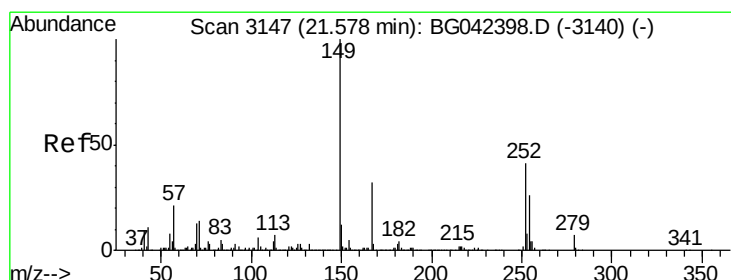
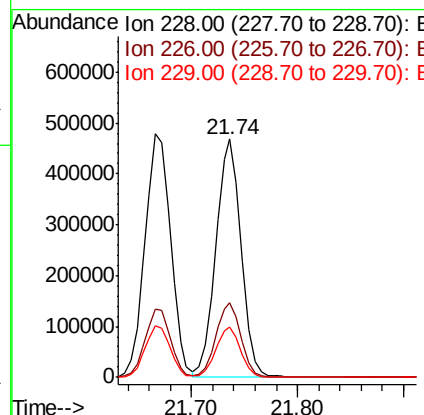
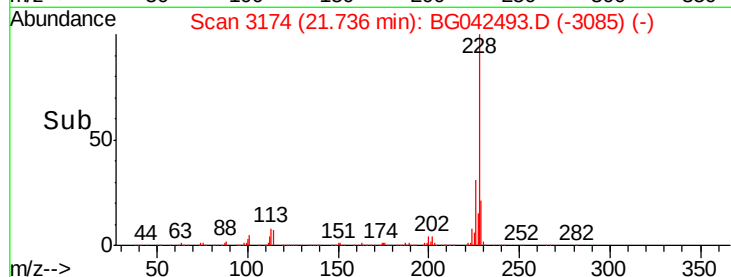
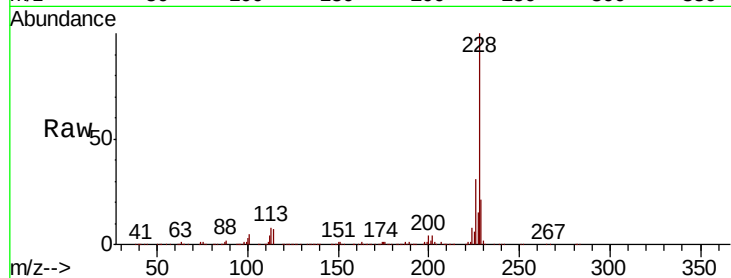
#83  
 Chrysene  
 Concen: 39.270 ng  
 RT: 21.74 min Scan# 3174  
 Delta R.T. -0.01 min  
 Lab File: BG042493.D  
 Acq: 26 Aug 2019 10:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB122510BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.5  | 24.9  | 37.3  |
| 229     | 21.3  | 16.9  | 25.3  |

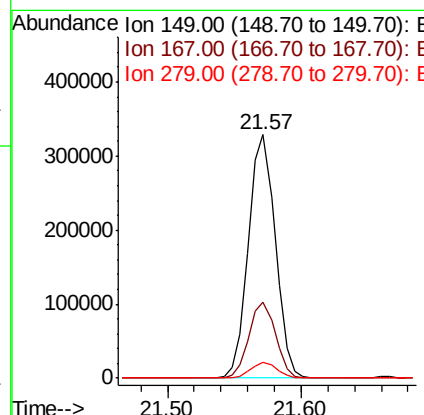
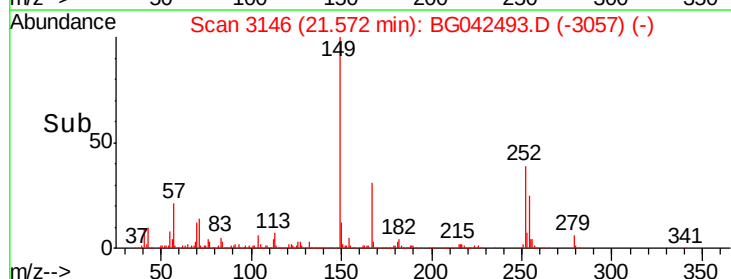
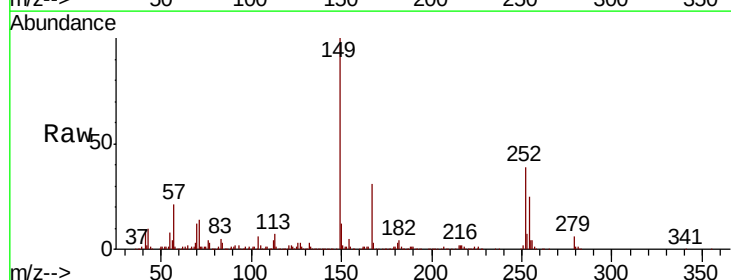
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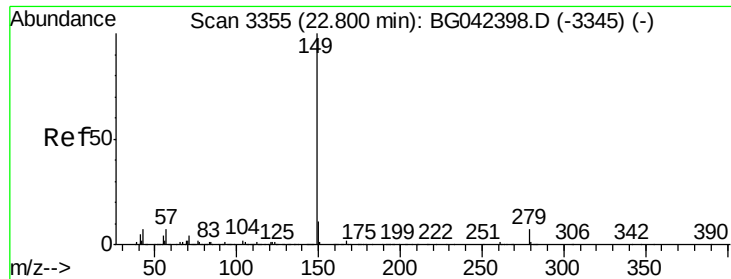
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.253 ng  
 RT: 21.57 min Scan# 3146  
 Delta R.T. -0.01 min  
 Lab File: BG042493.D  
 Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 31.2  | 26.0  | 39.0  |
| 279     | 6.5   | 5.4   | 8.0   |





#85

Di-n-octyl phthalate

Concen: 40.679 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA\_G

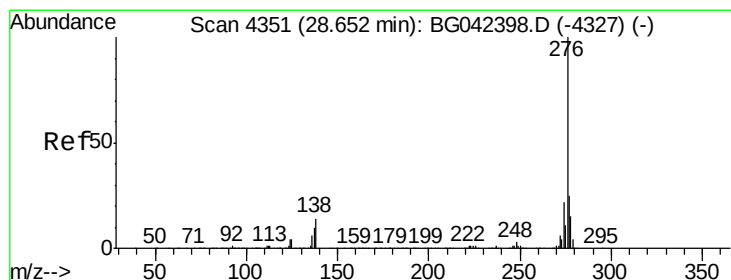
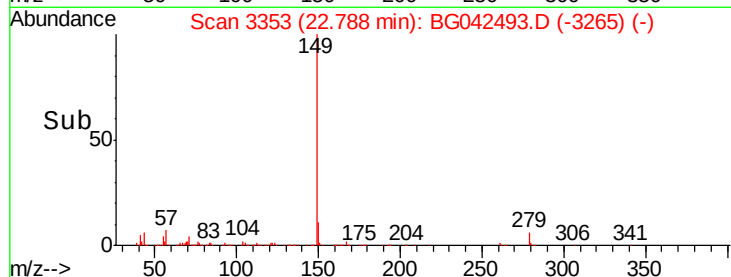
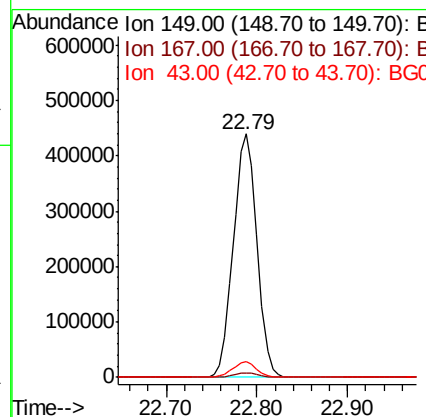
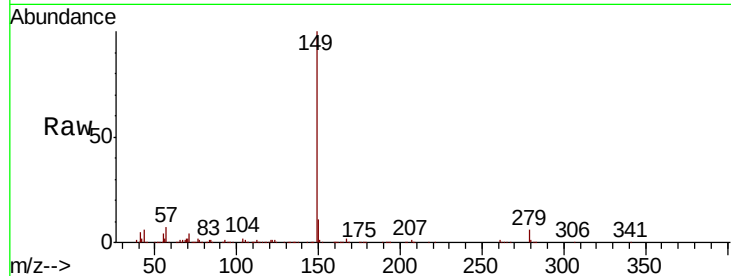
ClientSampleId :

PB122510BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 791702 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.8   | 1.6   | 2.4    |
| 43        | 6.3   | 5.3   | 7.9    |

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#86

Indeno(1,2,3-cd)pyrene

Concen: 37.982 ng

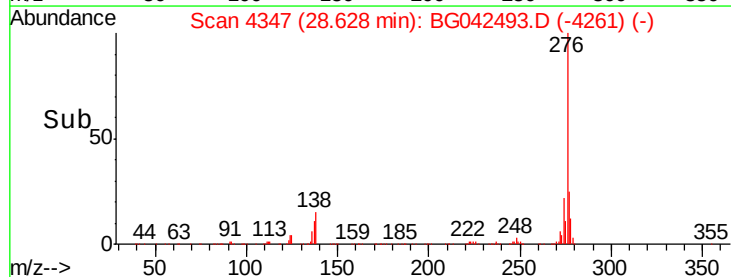
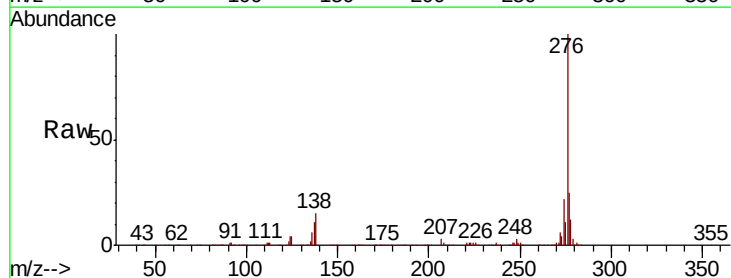
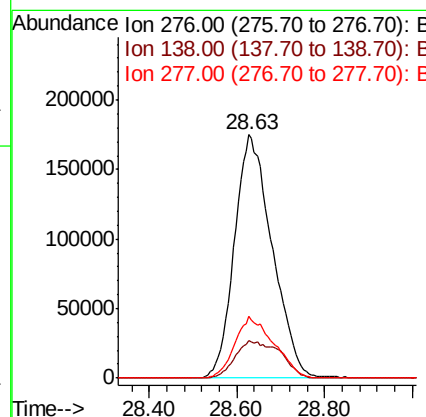
RT: 28.63 min Scan# 4347

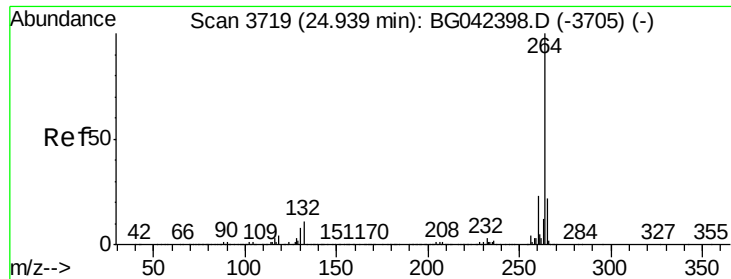
Delta R.T. -0.02 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 276   | Resp: | 1023431 |
| Ion Ratio | Lower | Upper |         |
| 276       | 100   |       |         |
| 138       | 18.5  | 9.2   | 13.8#   |
| 277       | 26.0  | 21.0  | 31.6    |





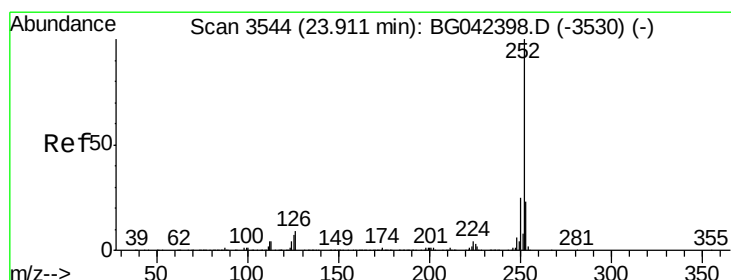
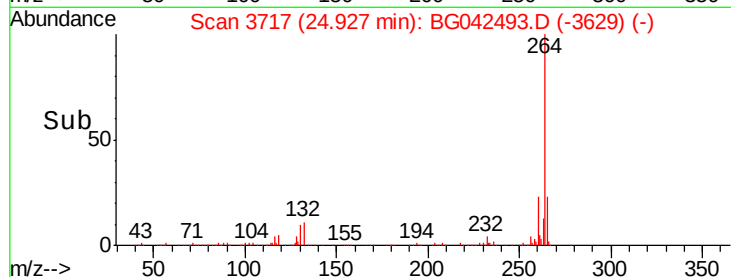
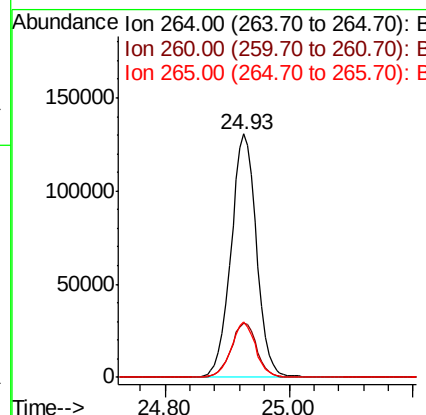
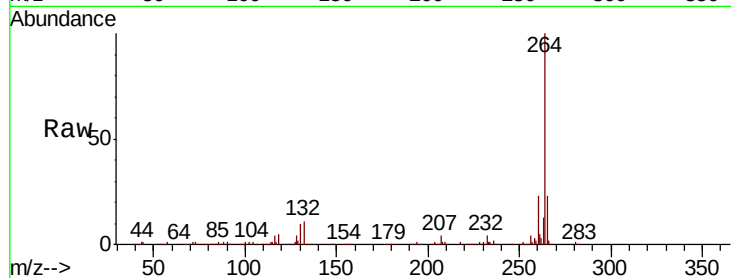
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.93 min Scan# 3717  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

Instrument :  
BNA\_G  
ClientSampleId :  
PB122510BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.5  | 18.5  | 27.7  |
| 265     | 23.0  | 17.6  | 26.4  |

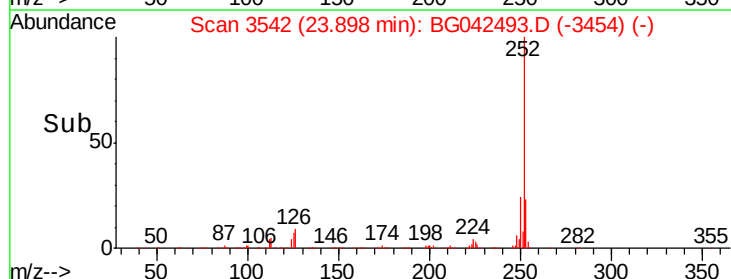
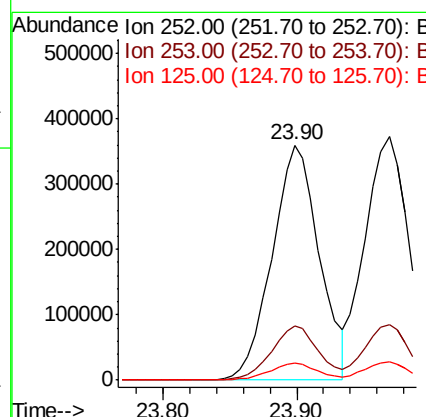
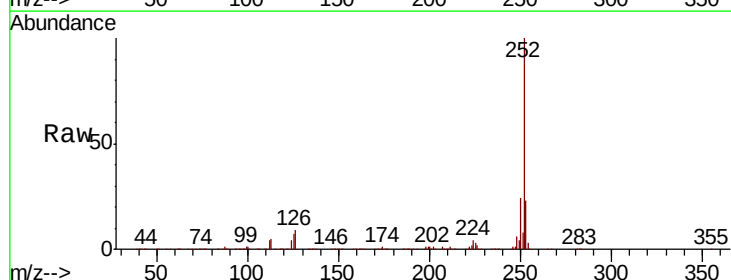
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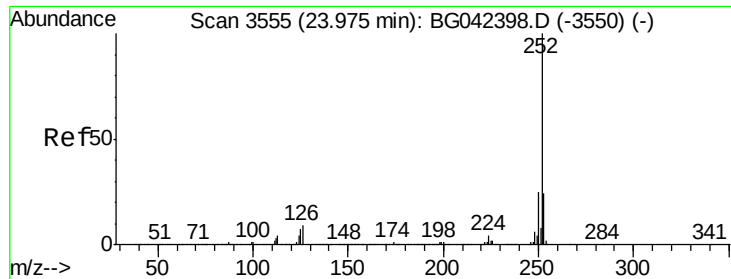


#88  
Benzo(b)fluoranthene  
Concen: 42.958 ng  
RT: 23.90 min Scan# 3542  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 18.6  | 27.8  |
| 125     | 7.0   | 5.6   | 8.4   |







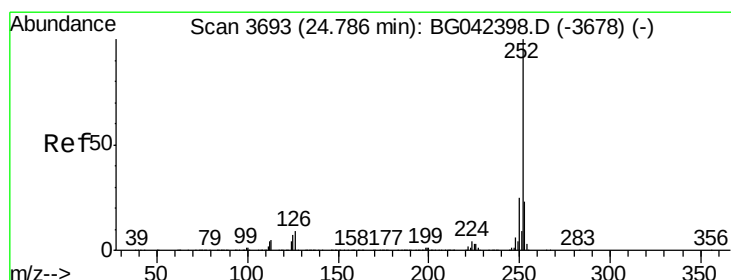
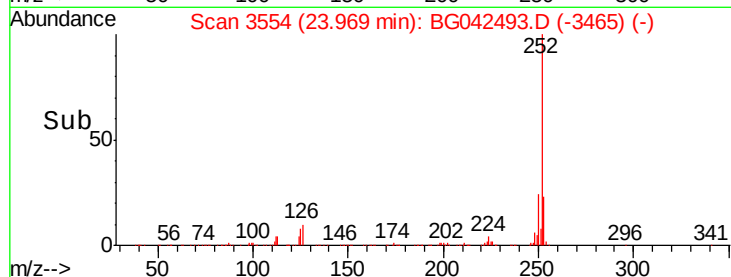
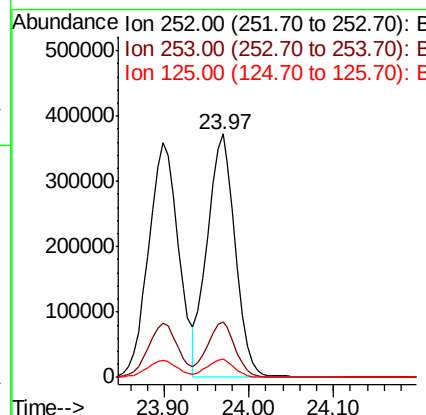
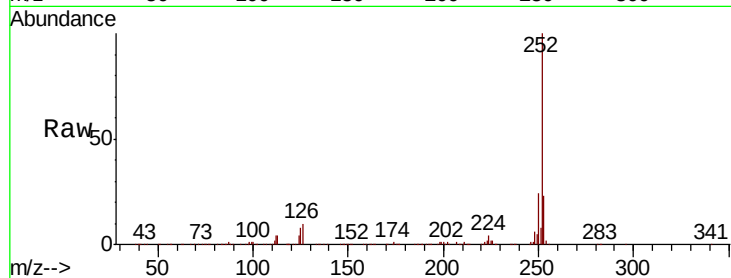
#89  
Benzo(k)fluoranthene  
Concen: 43.509 ng  
RT: 23.97 min Scan# 3554  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

Instrument :  
BNA\_G  
ClientSampleId :  
PB122510BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 18.6  | 27.8  |
| 125     | 7.7   | 5.8   | 8.6   |

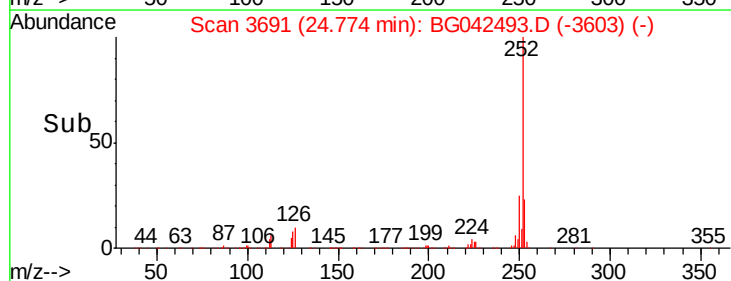
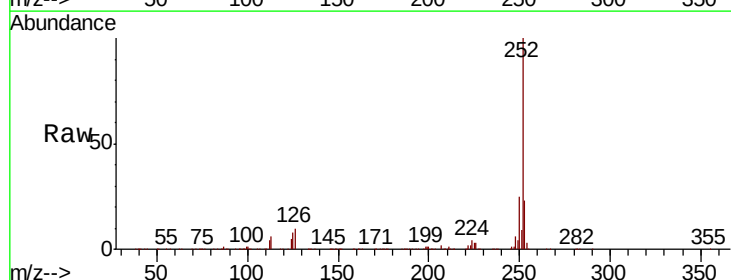
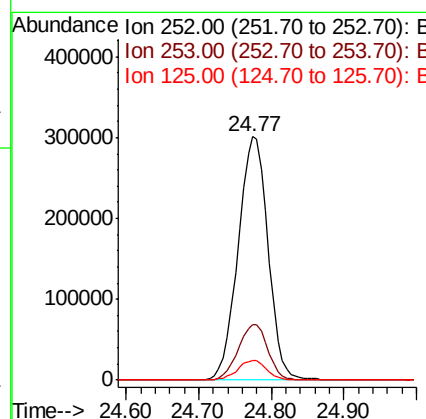
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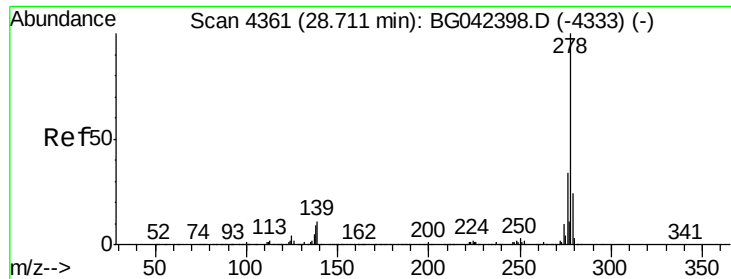
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#90  
Benzo(a)pyrene  
Concen: 44.313 ng  
RT: 24.77 min Scan# 3691  
Delta R.T. -0.01 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 18.4  | 27.6  |
| 125     | 8.3   | 6.0   | 9.0   |





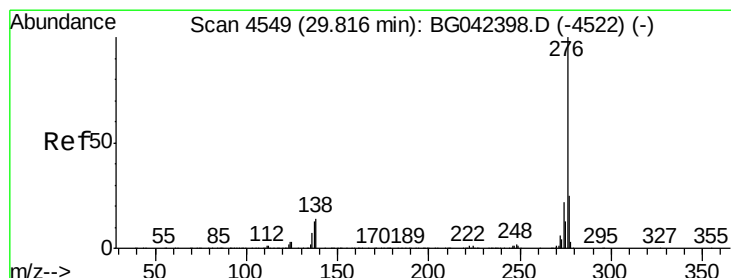
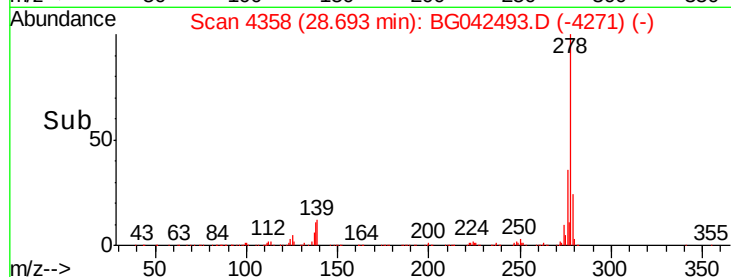
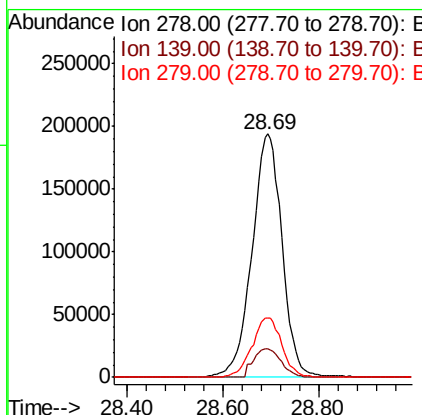
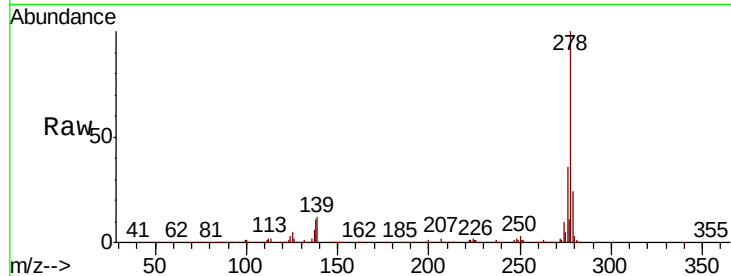
#91  
Dibenzo(a,h)anthracene  
Concen: 42.814 ng  
RT: 28.69 min Scan# 4358  
Delta R.T. -0.02 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

Instrument :  
BNA\_G  
ClientSampled :  
PB122510BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 11.8  | 8.8   | 13.2  |
| 279     | 24.4  | 19.1  | 28.7  |

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#92  
Benzo(g,h,i)perylene  
Concen: 43.165 ng  
RT: 29.80 min Scan# 4546  
Delta R.T. -0.02 min  
Lab File: BG042493.D  
Acq: 26 Aug 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.1  | 19.8  | 29.8  |
| 138     | 15.9  | 11.4  | 17.0  |

