

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\  
 Data File : BG033987.D  
 Acq On : 25 Apr 2018 15:19  
 Operator : SJ/JU  
 Sample : J2504-03MSD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 KS-RO-238MSD

Manual Integrations  
 APPROVED

Sohil  
 4/26/2018 6:16:35 PM

Quant Time: Apr 26 06:41:12 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 19 13:56:22 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.83  | 152  | 69989    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.61 | 136  | 329149   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 14.46 | 164  | 229254   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.21 | 188  | 575344   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 21.47 | 240  | 601770   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 24.53 | 264  | 619182   | 20.00 | ng    | -0.03    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.44  | 112 | 610452  | 139.25 | ng | 0.00  |
| 7) Phenol-d6                | 7.01  | 99  | 781068  | 122.16 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 8.98  | 82  | 570313  | 98.61  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol    | 15.95 | 330 | 437358  | 163.52 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 13.09 | 172 | 1430226 | 91.65  | ng | -0.01 |
| 78) Terphenyl-d14           | 19.85 | 244 | 2361146 | 88.15  | ng | -0.01 |

|                                |       |     |         |        |        |      |
|--------------------------------|-------|-----|---------|--------|--------|------|
| Target Compounds               |       |     |         |        | Qvalue |      |
| 2) 1,4-Dioxane                 | 3.43  | 88  | 67968   | 36.692 | ng     | 88   |
| 3) Pyridine                    | 3.81  | 79  | 169565  | 31.638 | ng     | 91   |
| 4) n-Nitrosodimethylamine      | 3.72  | 42  | 104481  | 42.789 | ng     | # 90 |
| 6) Aniline                     | 7.17  | 93  | 170475  | 19.945 | ng     | 97   |
| 8) 2-Chlorophenol              | 7.40  | 128 | 240858  | 49.034 | ng     | 96   |
| 9) Benzaldehyde                | 6.97  | 77  | 69031   | 17.212 | ng     | 96   |
| 10) Phenol                     | 7.03  | 94  | 280677  | 42.850 | ng     | 99   |
| 11) bis(2-Chloroethyl)ether    | 7.26  | 93  | 228095  | 45.530 | ng     | 92   |
| 12) 1,3-Dichlorobenzene        | 7.72  | 146 | 248228  | 43.898 | ng     | 98   |
| 13) 1,4-Dichlorobenzene        | 7.86  | 146 | 248920  | 43.462 | ng     | 96   |
| 14) 1,2-Dichlorobenzene        | 8.18  | 146 | 241965  | 43.444 | ng     | 94   |
| 15) Benzyl Alcohol             | 8.06  | 79  | 254146  | 45.582 | ng     | 96   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.36  | 45  | 384413  | 39.341 | ng     | 95   |
| 17) 2-Methylphenol             | 8.27  | 107 | 215026  | 44.298 | ng     | 95   |
| 18) Hexachloroethane           | 8.90  | 117 | 89560   | 42.794 | ng     | 97   |
| 19) n-Nitroso-di-n-propylamine | 8.63  | 70  | 216392  | 39.702 | ng     | # 95 |
| 20) 3+4-Methylphenols          | 8.59  | 107 | 297675  | 42.205 | ng     | 95   |
| 22) Acetophenone               | 8.65  | 105 | 379594  | 42.373 | ng     | # 95 |
| 24) Nitrobenzene               | 9.02  | 77  | 295400  | 46.870 | ng     | 95   |
| 25) Isophorone                 | 9.54  | 82  | 584690  | 44.964 | ng     | 96   |
| 26) 2-Nitrophenol              | 9.73  | 139 | 146710  | 58.913 | ng     | 95   |
| 27) 2,4-Dimethylphenol         | 9.79  | 122 | 258056  | 55.401 | ng     | 94   |
| 28) bis(2-Chloroethoxy)methane | 10.03 | 93  | 336054  | 48.900 | ng     | 96   |
| 29) 2,4-Dichlorophenol         | 10.26 | 162 | 279762  | 53.878 | ng     | 94   |
| 30) 1,2,4-Trichlorobenzene     | 10.47 | 180 | 269918  | 46.411 | ng     | 99   |
| 31) Naphthalene                | 10.66 | 128 | 755467  | 44.633 | ng     | 99   |
| 32) Benzoic acid               | 9.91  | 122 | 116566m | 27.533 | ng     |      |
| 33) 4-Chloroaniline            | 10.77 | 127 | 40010   | 5.029  | ng     | 96   |
| 34) Hexachlorobutadiene        | 10.95 | 225 | 160298  | 46.074 | ng     | 97   |
| 35) Caprolactam                | 11.55 | 113 | 84489m  | 38.271 | ng     |      |
| 36) 4-Chloro-3-methylphenol    | 11.90 | 107 | 295365  | 46.606 | ng     | # 90 |
| 37) 2-Methylnaphthalene        | 12.28 | 142 | 588080  | 45.380 | ng     | 93   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.65 | 216 | 355782  | 46.736 | ng     | 97   |
| 40) Hexachlorocyclopentadiene  | 12.63 | 237 | 414170  | 98.948 | ng     | 92   |

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Instrument :  
 BNA\_G  
 ClientSampleId :  
 KS-RO-238MSD

Manual Integrations  
 APPROVED

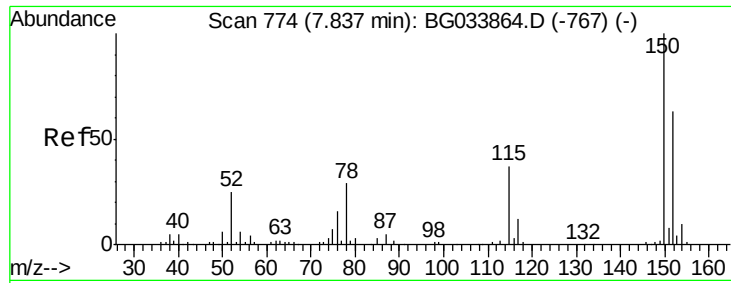
Sohil  
 4/26/2018 6:16:35 PM

Quant Time: Apr 26 06:41:12 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.89 | 196  | 245181   | 52.824  | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 12.96 | 196  | 270628   | 50.717  | nq    | 92       |
| 45) 1,1'-Biphenyl              | 13.29 | 154  | 818352   | 44.097  | nq    | 96       |
| 46) 2-Chloronaphthalene        | 13.33 | 162  | 627324   | 44.582  | nq    | 98       |
| 47) 2-Nitroaniline             | 13.53 | 65   | 217752   | 49.562  | nq    | 90       |
| 48) Acenaphthylene             | 14.18 | 152  | 999217   | 42.720  | nq    | 97       |
| 49) Dimethylphthalate          | 13.93 | 163  | 877772   | 43.527  | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.04 | 165  | 201034   | 52.603  | nq #  | 86       |
| 51) Acenaphthene               | 14.53 | 154  | 634004   | 43.148  | nq    | 98       |
| 52) 3-Nitroaniline             | 14.36 | 138  | 96403    | 23.231  | nq #  | 84       |
| 53) 2,4-Dinitrophenol          | 14.57 | 184  | 156818   | 114.739 | nq #  | 53       |
| 54) Dibenzofuran               | 14.86 | 168  | 992465   | 45.559  | nq    | 96       |
| 55) 4-Nitrophenol              | 14.68 | 139  | 330657   | 101.596 | nq    | 87       |
| 56) 2,4-Dinitrotoluene         | 14.83 | 165  | 286709   | 56.416  | nq #  | 81       |
| 57) Fluorene                   | 15.51 | 166  | 847748   | 44.971  | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.09 | 232  | 264897   | 54.219  | nq    | 97       |
| 59) Diethylphthalate           | 15.30 | 149  | 902441   | 42.337  | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.51 | 204  | 467069   | 47.371  | nq    | 94       |
| 61) 4-Nitroaniline             | 15.54 | 138  | 210475   | 47.769  | nq    | 91       |
| 62) Azobenzene                 | 15.81 | 77   | 768301   | 40.434  | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 15.59 | 198  | 128621   | 46.639  | nq    | 87       |
| 65) n-Nitrosodiphenylamine     | 15.73 | 169  | 745297   | 44.556  | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.41 | 248  | 301256   | 47.679  | nq    | 98       |
| 67) Hexachlorobenzene          | 16.52 | 284  | 317789   | 47.161  | nq    | 97       |
| 68) Atrazine                   | 16.68 | 200  | 309797   | 47.276  | nq    | 99       |
| 69) Pentachlorophenol          | 16.86 | 266  | 412114   | 89.038  | nq    | 91       |
| 70) Phenanthrene               | 17.26 | 178  | 1364237  | 44.200  | nq    | 96       |
| 71) Anthracene                 | 17.35 | 178  | 1405972  | 45.550  | nq    | 97       |
| 72) Carbazole                  | 17.62 | 167  | 1304708  | 43.815  | nq    | 95       |
| 73) Di-n-butylphthalate        | 18.20 | 149  | 1562772  | 42.186  | nq    | 98       |
| 74) Fluoranthene               | 19.27 | 202  | 1705002  | 45.667  | nq    | 94       |
| 76) Benzidine                  | 19.46 | 184  | 83456    | 5.136   | nq    | 97       |
| 77) Pyrene                     | 19.64 | 202  | 1719388  | 43.562  | nq #  | 92       |
| 79) Butylbenzylphthalate       | 20.55 | 149  | 735831   | 42.452  | nq    | 91       |
| 80) Benzo(a)anthracene         | 21.45 | 228  | 1717655  | 45.265  | nq    | 96       |
| 81) 3,3'-Dichlorobenzidine     | 21.38 | 252  | 355129   | 25.100  | nq    | 98       |
| 82) Chrysene                   | 21.52 | 228  | 1602128m | 44.214  | nq    |          |
| 83) Bis(2-ethylhexyl)phthalate | 21.40 | 149  | 1019799  | 41.660  | nq    | 99       |
| 84) Di-n-octyl phthalate       | 22.56 | 149  | 1732013  | 44.577  | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.00 | 276  | 2036157  | 49.365  | nq #  | 94       |
| 87) Benzo(b)fluoranthene       | 23.56 | 252  | 1787348  | 47.318  | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 23.63 | 252  | 1688201  | 44.993  | nq    | 96       |
| 89) Benzo(a)pyrene             | 24.39 | 252  | 1715995  | 47.435  | nq    | 100      |
| 90) Dibenzo(a,h)anthracene     | 28.06 | 278  | 1682228  | 48.057  | nq    | 96       |
| 91) Benzo(g,h,i)perylene       | 29.08 | 276  | 1676788  | 48.681  | nq    | 98       |

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





#1

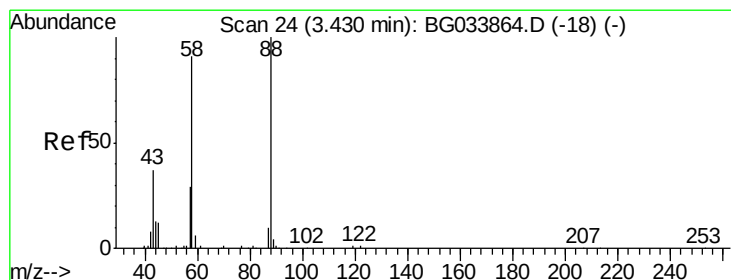
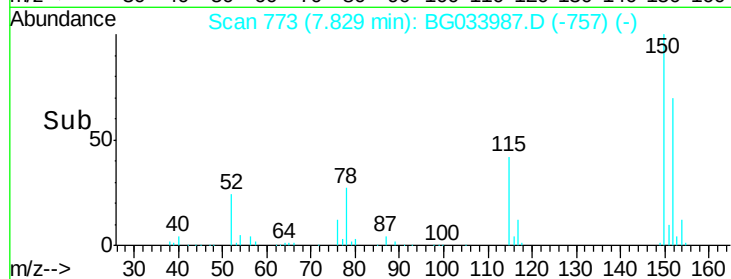
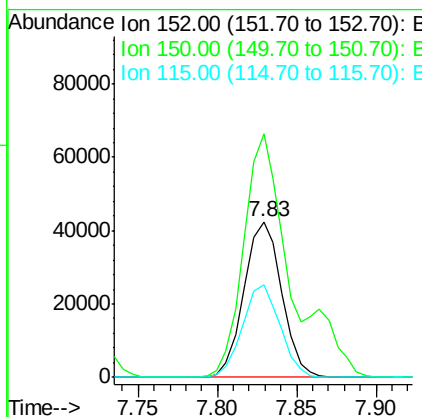
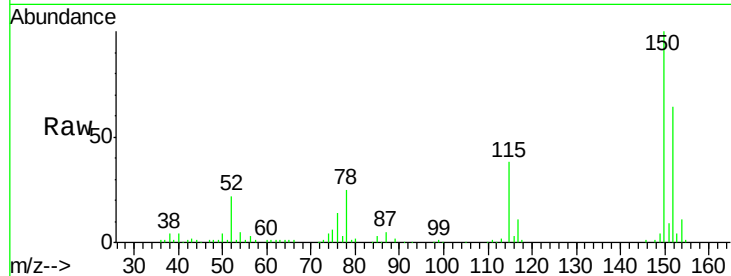
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.83 min Scan# 773  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

Instrument :  
BNA\_G  
ClientSampleId :  
KS-RO-238MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.7 | 126.6 | 189.8 |
| 115     | 59.6  | 53.0  | 79.4  |

Manual Integrations  
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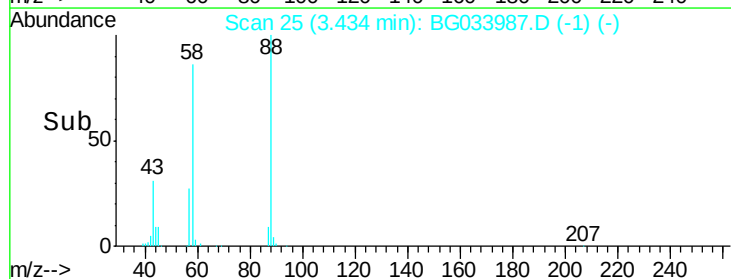
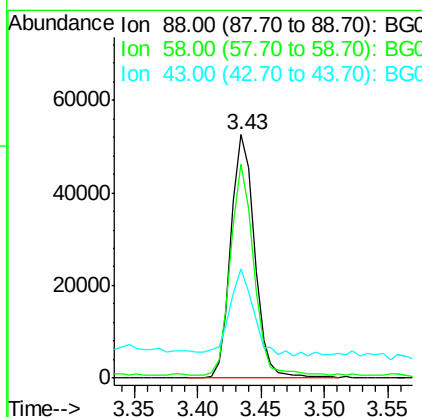
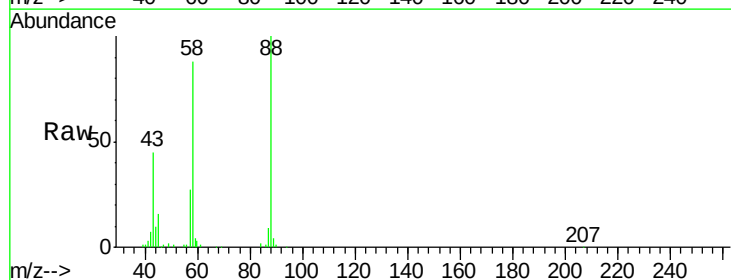
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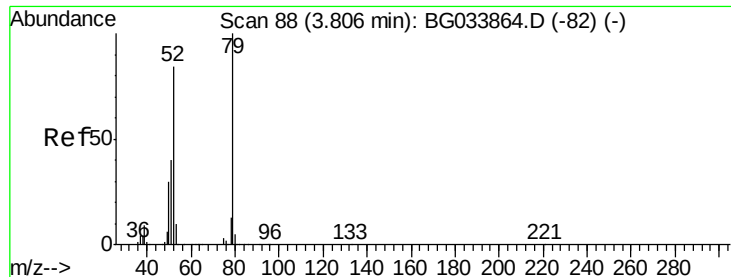


#2

1,4-Dioxane  
Concen: 36.692 ng  
RT: 3.43 min Scan# 25  
Delta R.T. 0.00 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 84.2  | 79.6  | 119.4 |
| 43      | 35.1  | 27.4  | 41.0  |





#3

Pvridine

Concen: 31.638 ng

RT: 3.81 min Scan# 89

Delta R.T. 0.00 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

Instrument :

BNA\_G

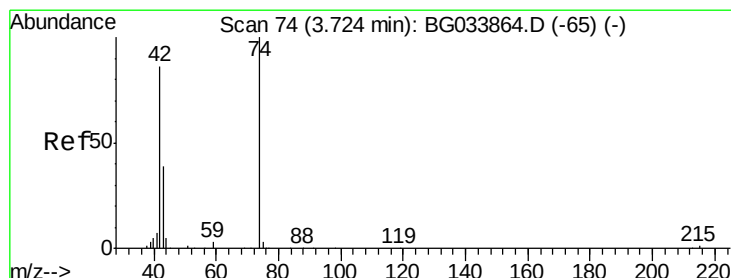
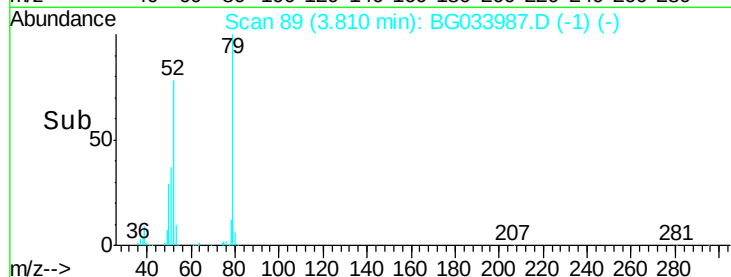
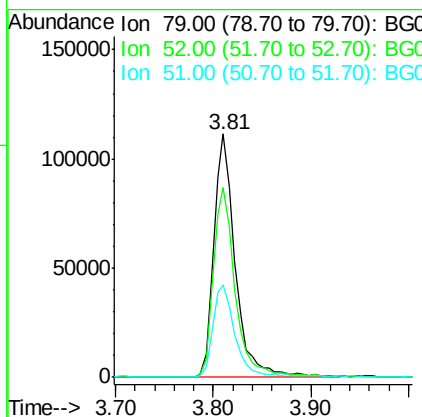
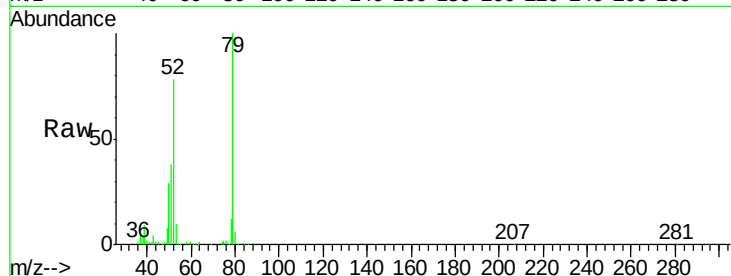
ClientSampleId :

KS-RO-238MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 169565 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 78.1  | 69.9  | 104.9  |
| 51       | 37.9  | 34.0  | 51.0   |

Manual Integrations  
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4/26/2018 6:16:35 PM



#4

n-Nitrosodimethylamine

Concen: 42.789 ng

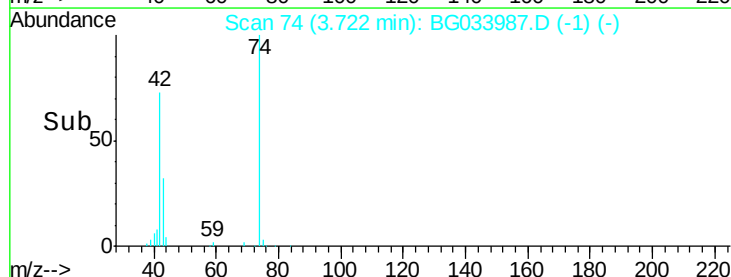
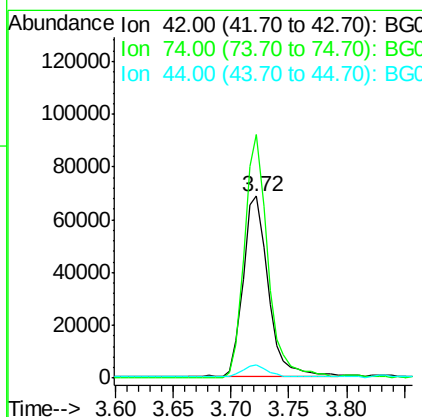
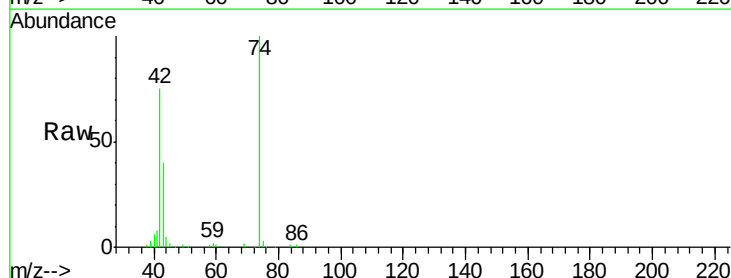
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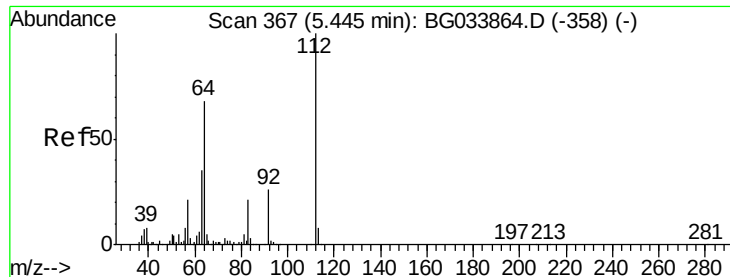
Delta R.T. -0.00 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 104481 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 134.1 | 102.5 | 153.7  |
| 44       | 7.2   | 18.9  | 28.3#  |





#5

2-Fluorophenol

Concen: 139.251 ng

RT: 5.44 min Scan# 367

Delta R.T. -0.00 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

Instrument :

BNA\_G

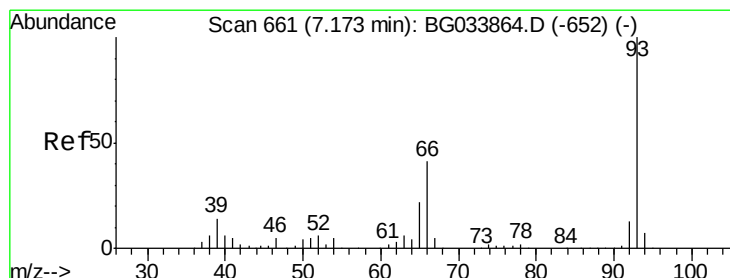
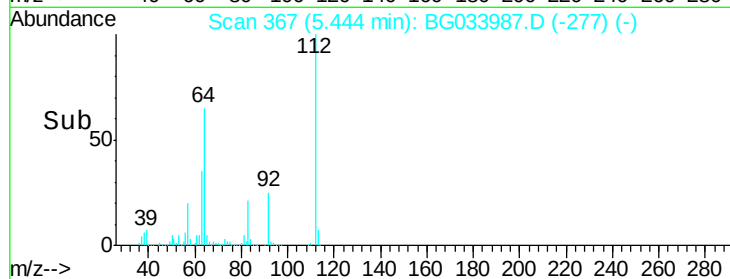
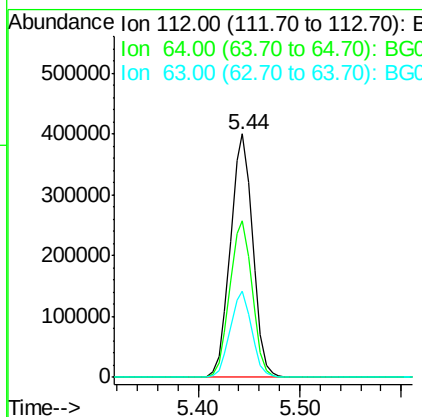
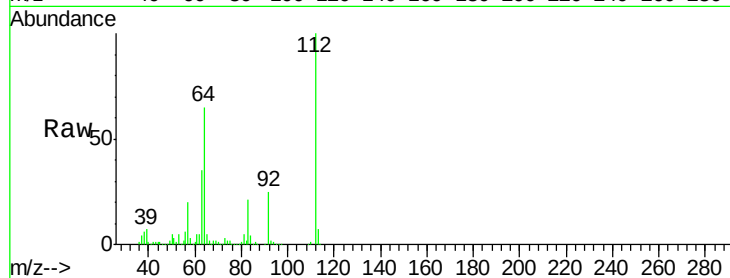
ClientSampleId :

KS-RO-238MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 610452 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 64.6  | 56.3  | 84.5   |
| 63        | 35.3  | 30.1  | 45.1   |

Manual Integrations  
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#6

Aniline

Concen: 19.945 ng

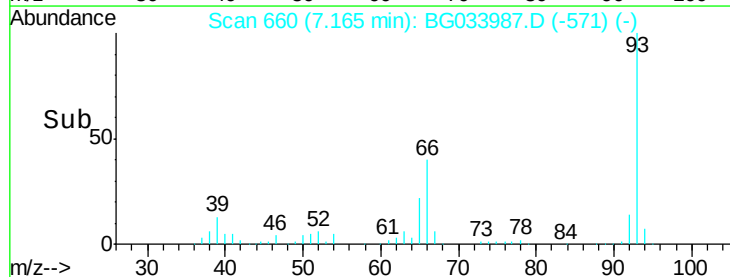
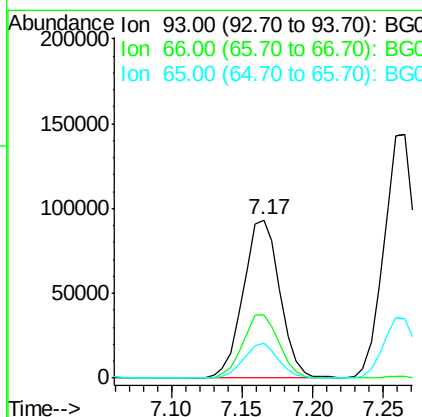
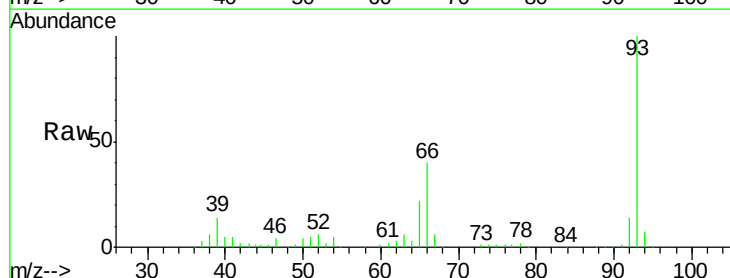
RT: 7.17 min Scan# 660

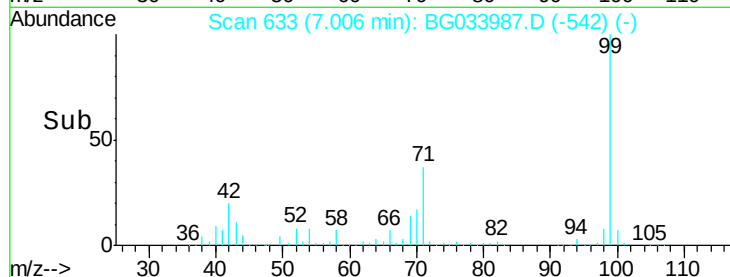
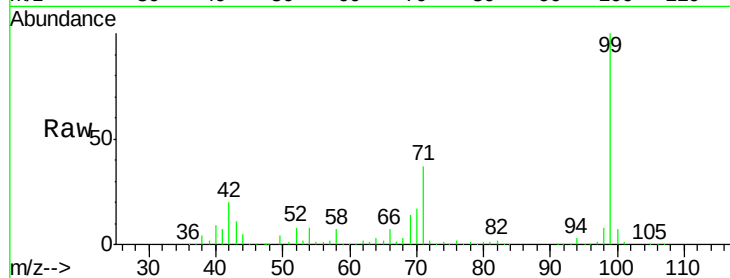
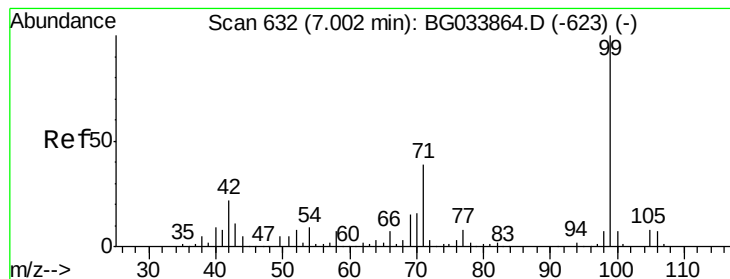
Delta R.T. -0.01 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 170475 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 40.2  | 33.7  | 50.5   |
| 65        | 21.8  | 16.1  | 24.1   |





#7

Phenol-d6

Concen: 122.156 ng

RT: 7.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 781068 |       |       |
| 42      | 20.4 | 14.1  | 21.1   |       |       |
| 71      | 36.8 | 26.1  | 39.1   |       |       |

Instrument :

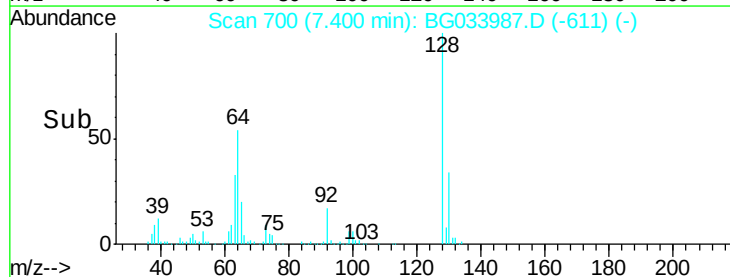
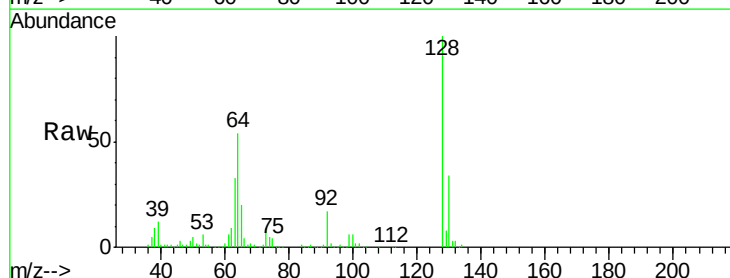
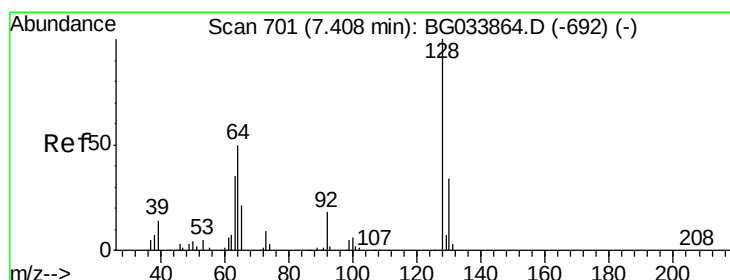
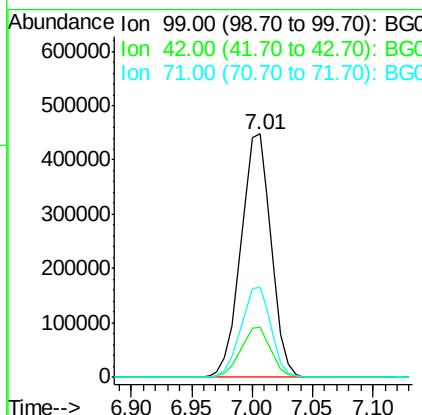
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ClientSampleId :

KS-RO-238MSD

Manual Integrations  
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#8

2-Chlorophenol

Concen: 49.034 ng

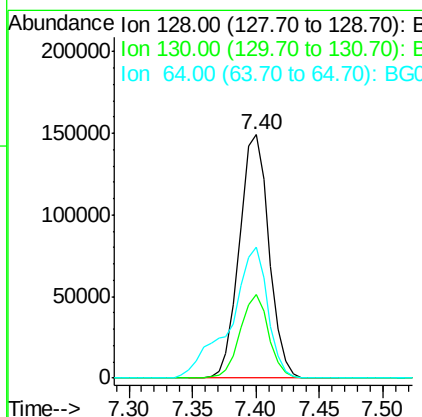
RT: 7.40 min Scan# 700

Delta R.T. -0.01 min

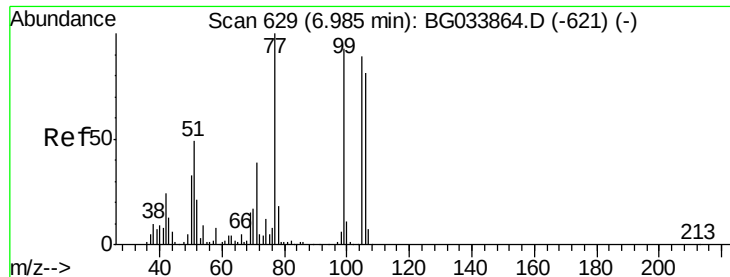
Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 240858 |       |       |
| 130     | 34.4 | 14.0  | 54.0   |       |       |
| 64      | 53.9 | 37.7  | 77.7   |       |       |







#9

Benzaldehyde

Concen: 17.212 ng

RT: 6.97 min Scan# 627

Delta R.T. -0.01 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

Instrument :

BNA\_G

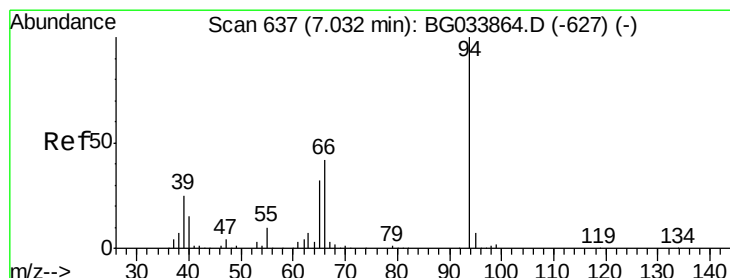
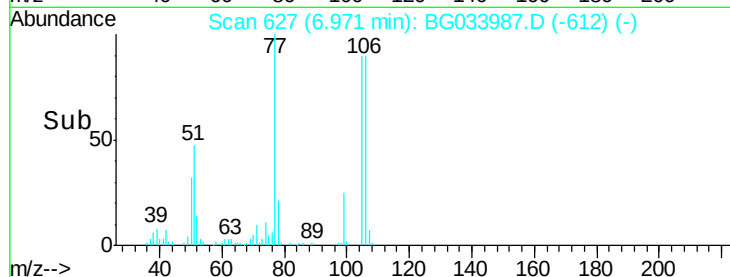
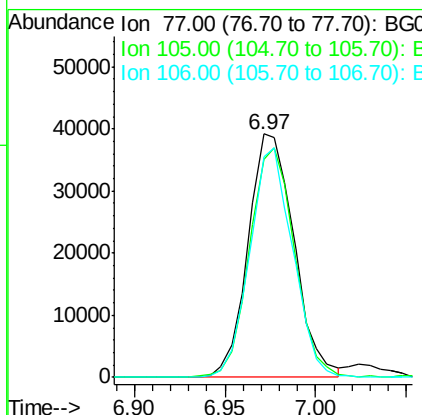
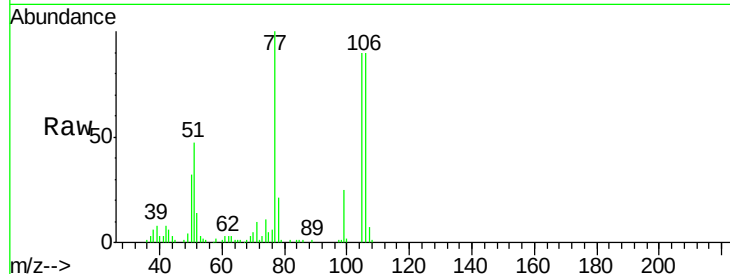
ClientSampled :

KS-RO-238MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 69031 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 89.5  | 71.3  | 111.3 |
| 106      | 90.4  | 64.2  | 104.2 |

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#10

Phenol

Concen: 42.850 ng

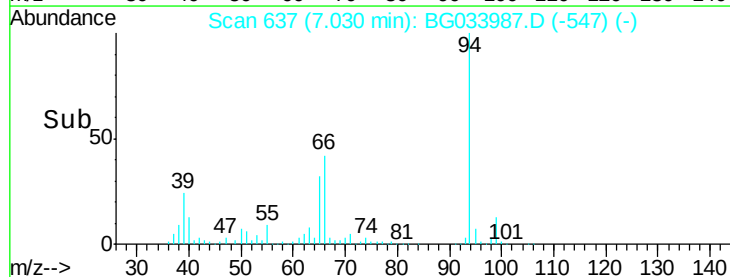
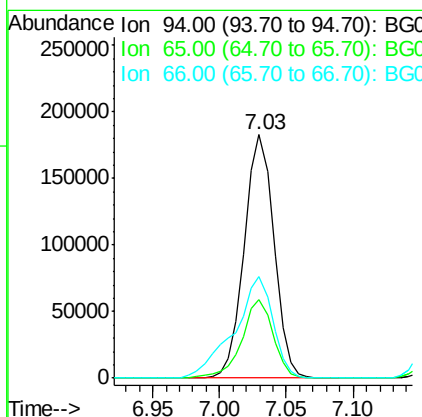
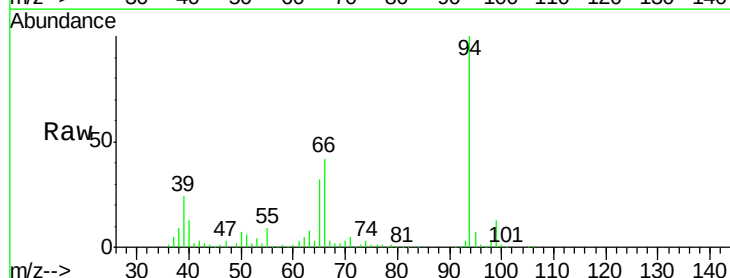
RT: 7.03 min Scan# 637

Delta R.T. -0.00 min

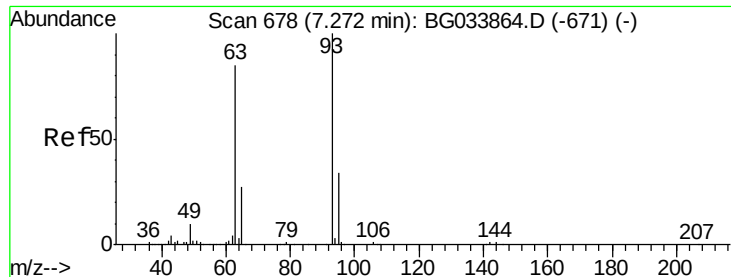
Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 280677 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 32.1  | 11.9  | 51.9   |
| 66       | 41.5  | 22.2  | 62.2   |







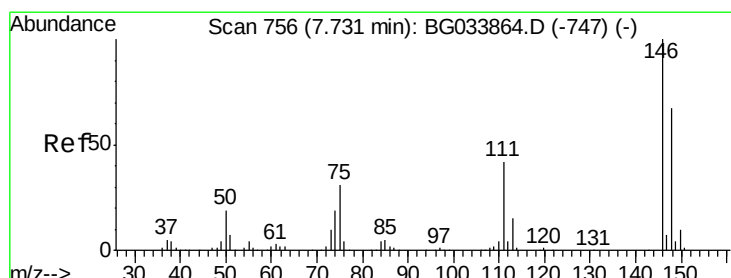
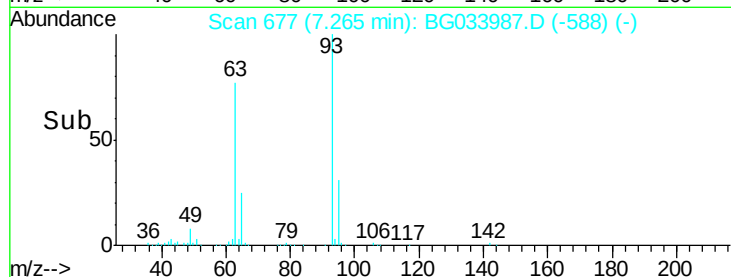
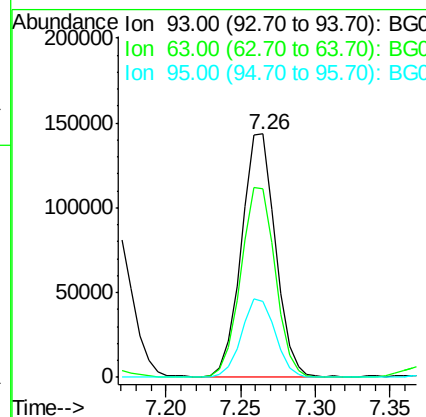
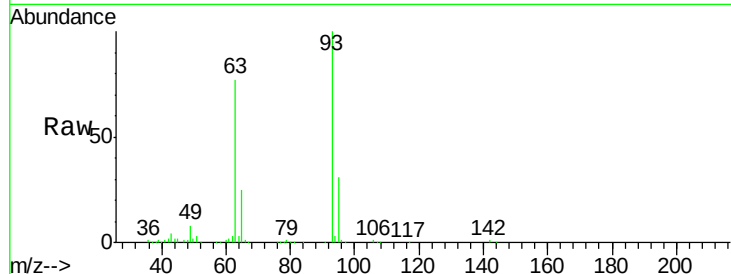
#11  
bis(2-Chloroethyl)ether  
Concen: 45.530 ng  
RT: 7.26 min Scan# 677  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

Instrument :  
BNA\_G  
ClientSampleId :  
KS-RO-238MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 228095 |       |       |
| 63      | 77.3  |        | 67.1  | 107.1 |
| 95      | 31.3  |        | 11.5  | 51.5  |

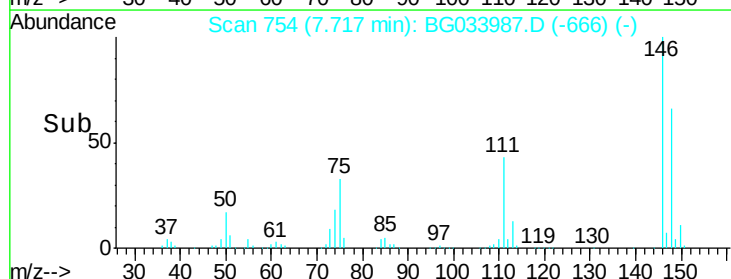
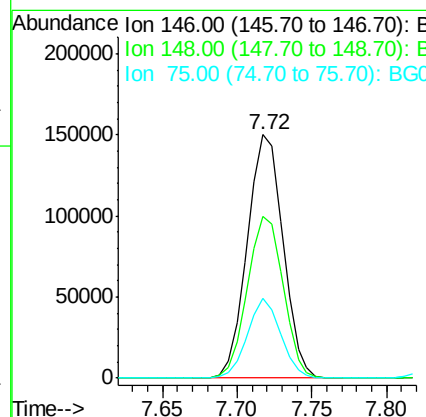
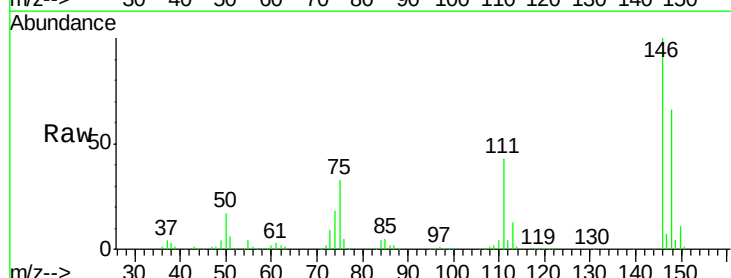
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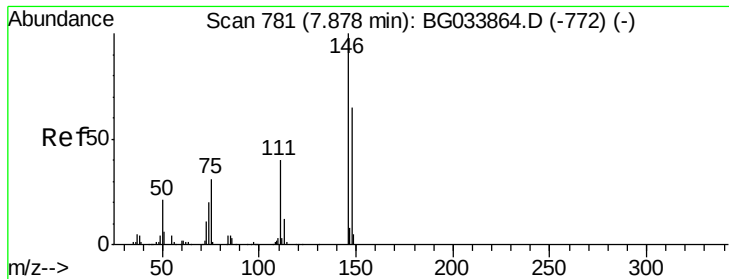
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#12  
1,3-Dichlorobenzene  
Concen: 43.898 ng  
RT: 7.72 min Scan# 754  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 248228 |       |       |
| 148     | 66.4  |        | 51.4  | 77.2  |
| 75      | 32.8  |        | 26.6  | 39.8  |





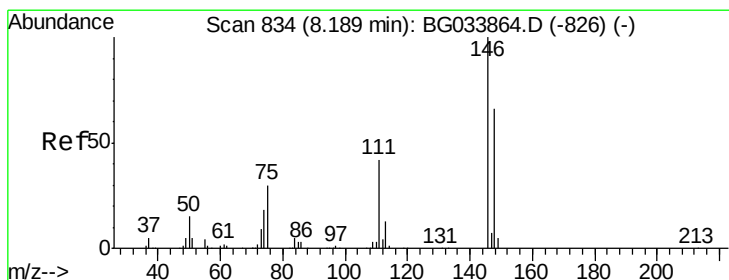
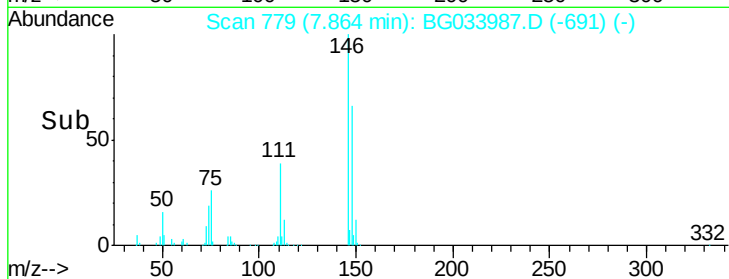
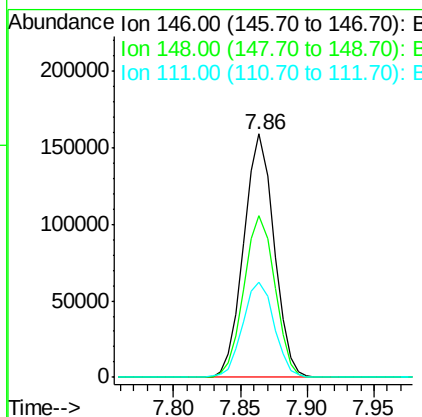
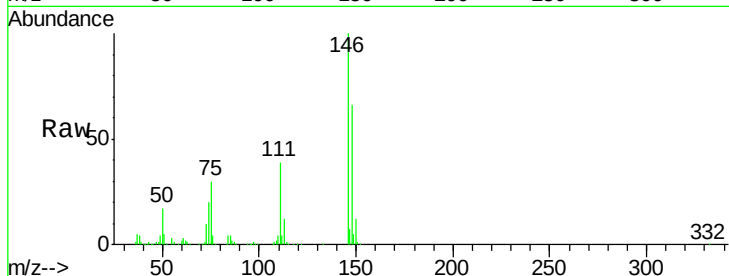
#13  
 1,4-Dichlorobenzene  
 Concen: 43.462 ng  
 RT: 7.86 min Scan# 779  
 Delta R.T. -0.01 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 KS-RO-238MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.2  | 53.7  | 80.5  |
| 111     | 38.9  | 35.2  | 52.8  |

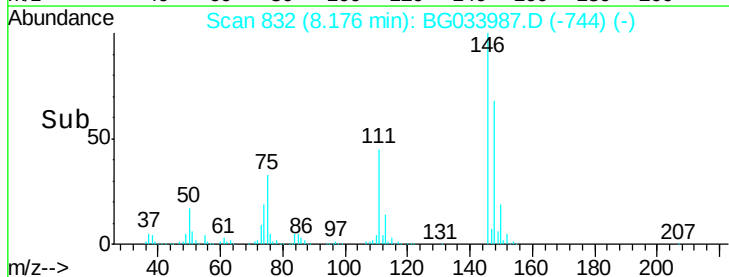
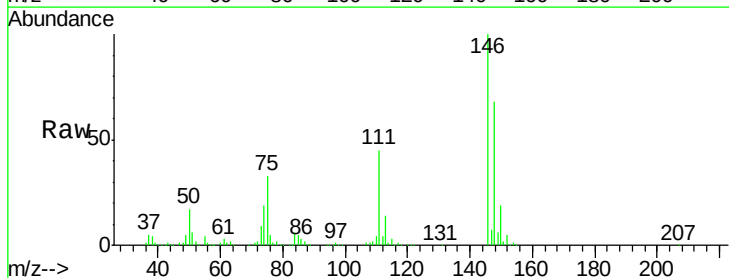
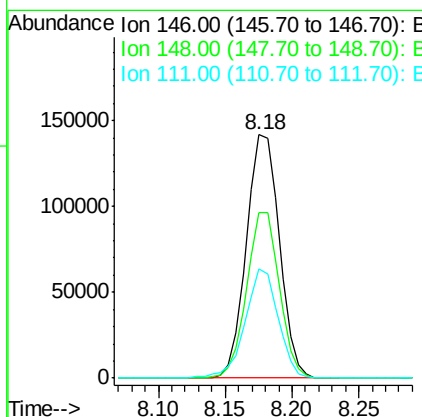
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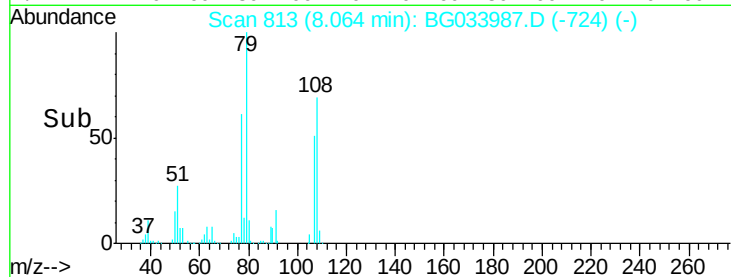
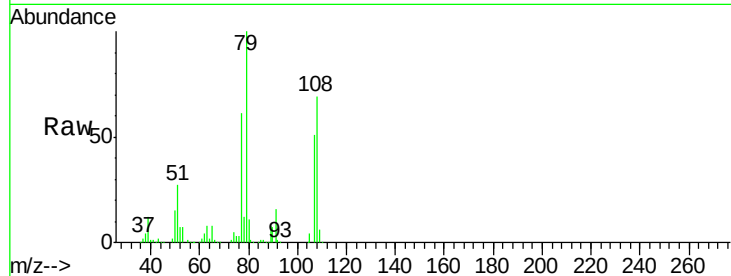
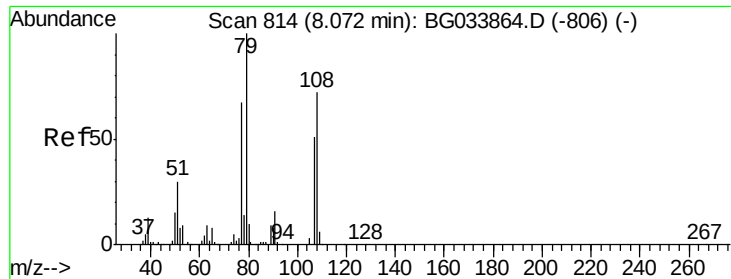
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#14  
 1,2-Dichlorobenzene  
 Concen: 43.444 ng  
 RT: 8.18 min Scan# 832  
 Delta R.T. -0.01 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.8  | 49.3  | 73.9  |
| 111     | 44.9  | 34.3  | 51.5  |





#15

Benzyl Alcohol

Concen: 45.582 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 254146 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 69.2  | 57.2  | 85.8   |
| 77        | 61.2  | 46.1  | 69.1   |

Instrument :

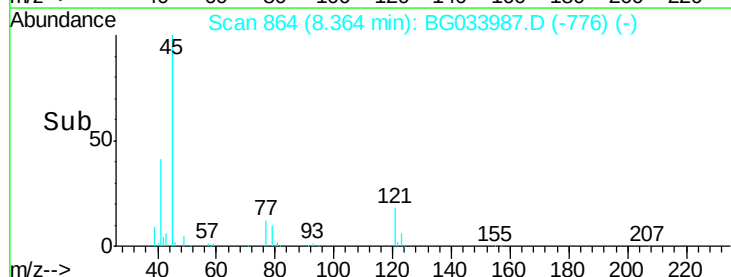
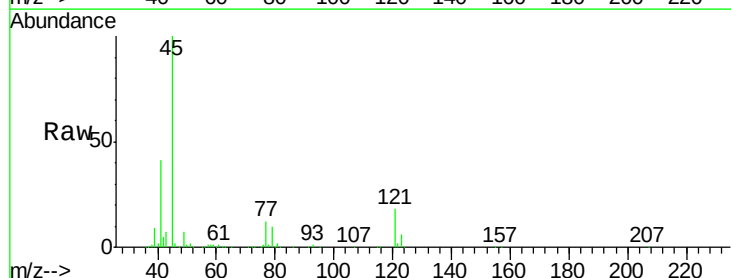
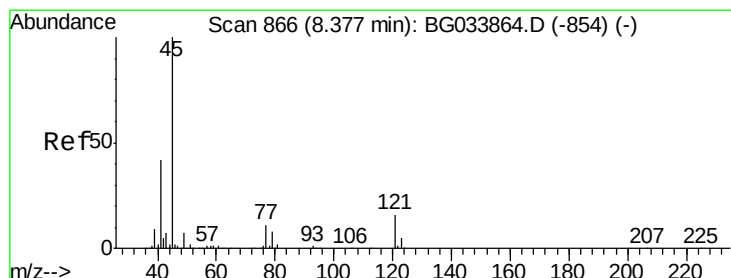
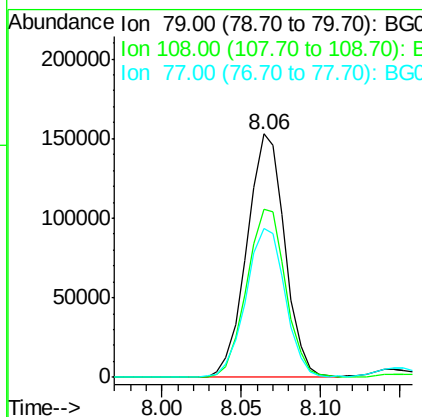
BNA\_G

ClientSampleId :

KS-RO-238MSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.341 ng

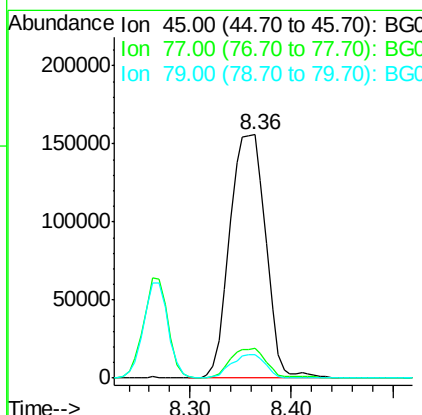
RT: 8.36 min Scan# 864

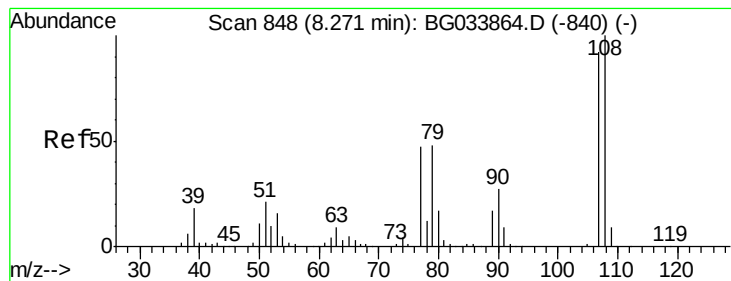
Delta R.T. -0.01 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 384413 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 12.1  | 0.0   | 30.2   |
| 79        | 9.8   | 0.0   | 27.9   |





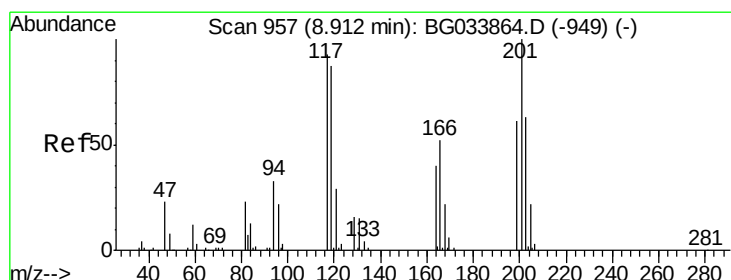
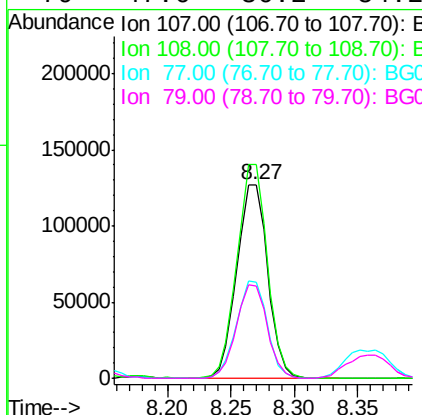
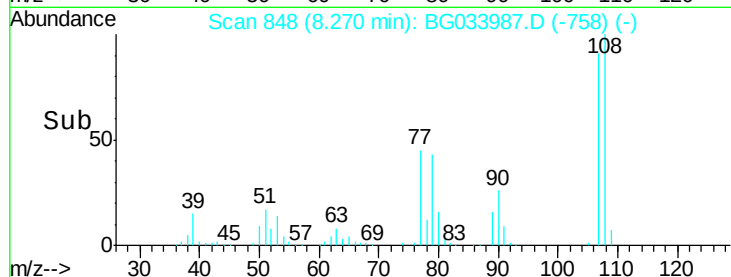
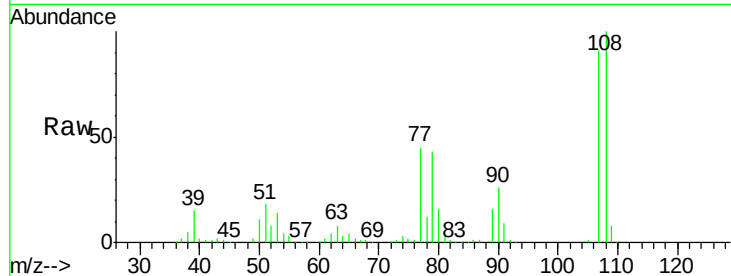
#17  
2-Methylphenol  
Concen: 44.298 ng  
RT: 8.27 min Scan# 848  
Delta R.T. -0.00 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

Instrument :  
BNA\_G  
ClientSampleId :  
KS-RO-238MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 110.2 | 83.9  | 125.9 |
| 77      | 49.8  | 37.2  | 55.8  |
| 79      | 47.6  | 36.2  | 54.2  |

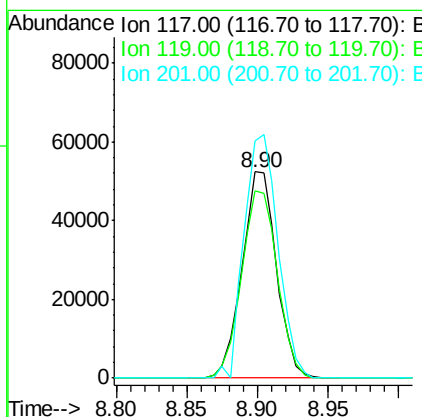
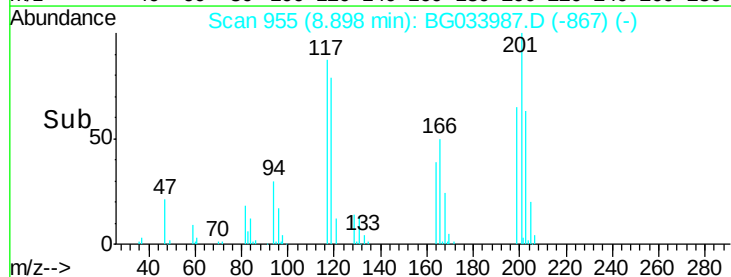
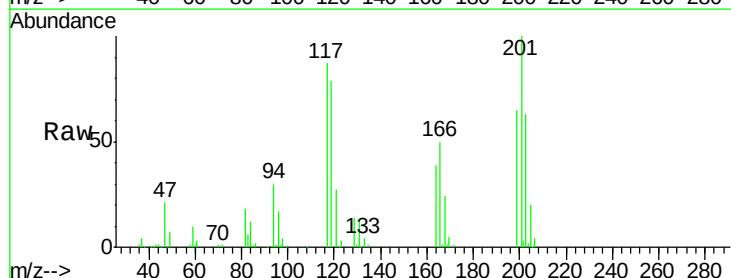
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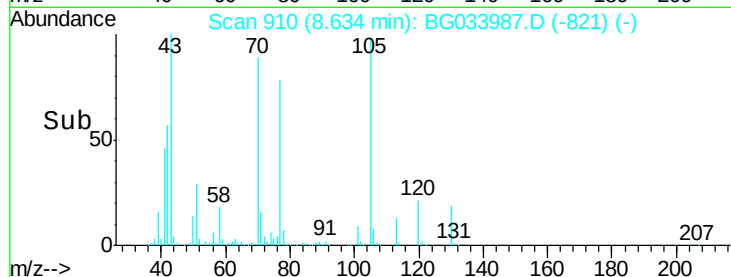
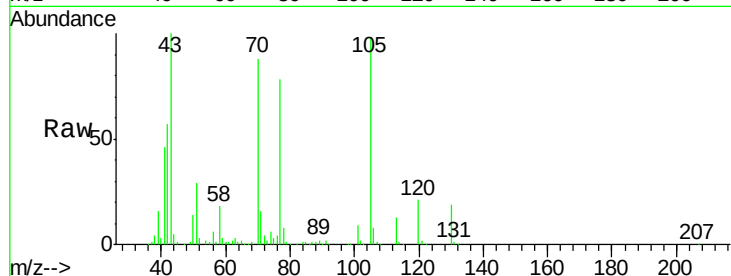
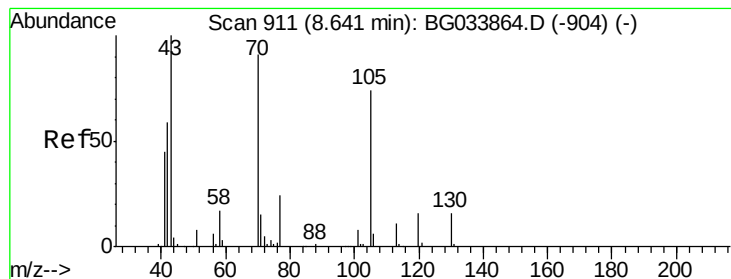
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#18  
Hexachloroethane  
Concen: 42.794 ng  
RT: 8.90 min Scan# 955  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 90.8  | 76.7  | 115.1 |
| 201     | 119.0 | 95.7  | 143.5 |





#19

n-Nitroso-di-n-propylamine

Concen: 39.702 ng

RT: 8.63 min Scan# 910

Delta R.T. -0.01 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

Instrument :

BNA\_G

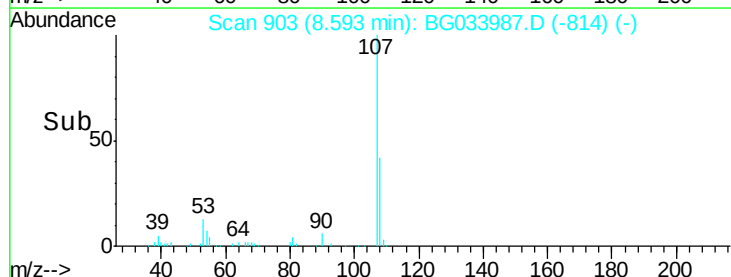
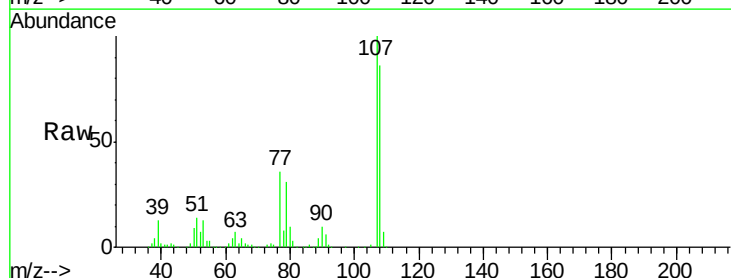
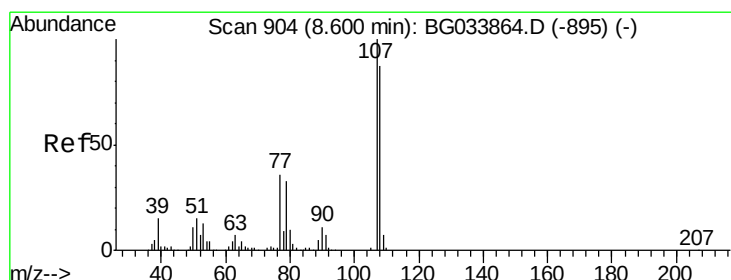
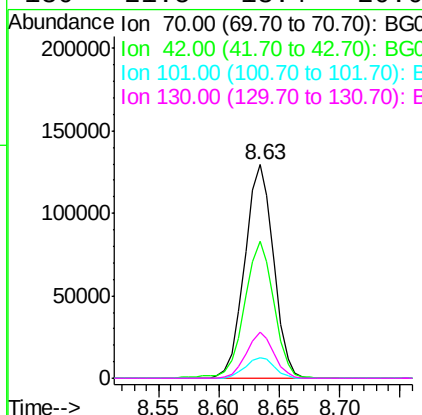
ClientSampleId :

KS-RO-238MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 64.2  | 49.1  | 73.7  |
| 101     | 9.9   | 8.5   | 12.7  |
| 130     | 21.5  | 13.4  | 20.0# |

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#20

3+4-Methylphenols

Concen: 42.205 ng

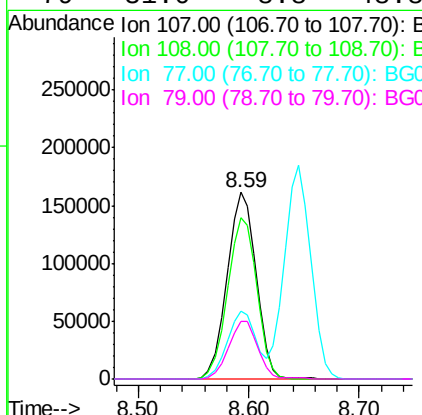
RT: 8.59 min Scan# 903

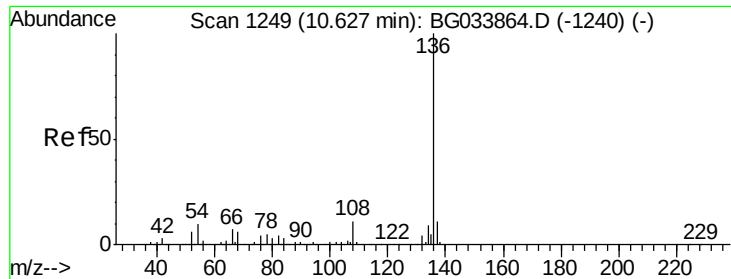
Delta R.T. -0.01 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 86.2  | 61.6  | 101.6 |
| 77      | 36.3  | 13.9  | 53.9  |
| 79      | 31.0  | 8.8   | 48.8  |





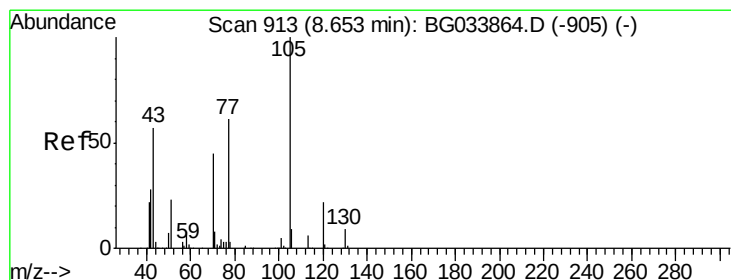
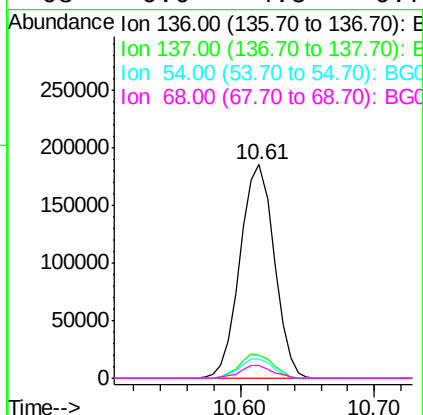
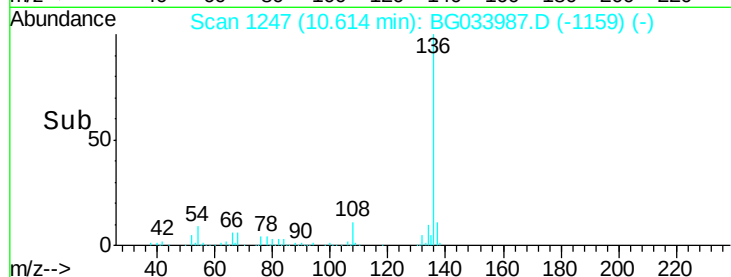
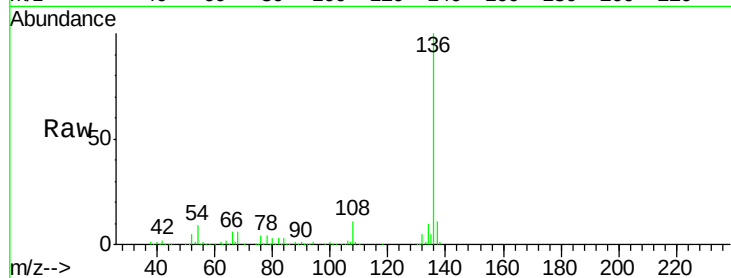
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.61 min Scan# 1247  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

Instrument :  
BNA\_G  
ClientSampleId :  
KS-RO-238MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 329149 |       |       |
| 137     | 11.0  | 9.2    | 13.8  |       |
| 54      | 8.7   | 10.3   | 15.5  |       |
| 68      | 6.0   | 4.5    | 6.7   |       |

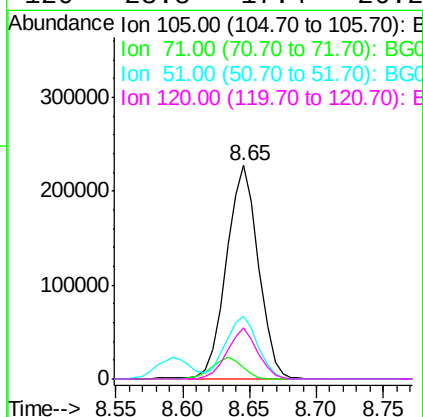
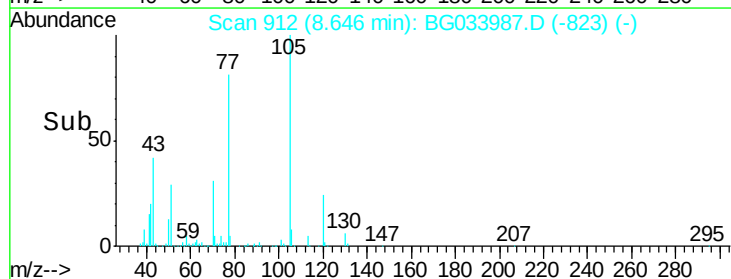
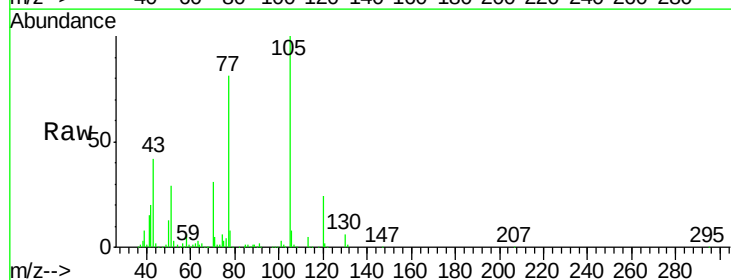
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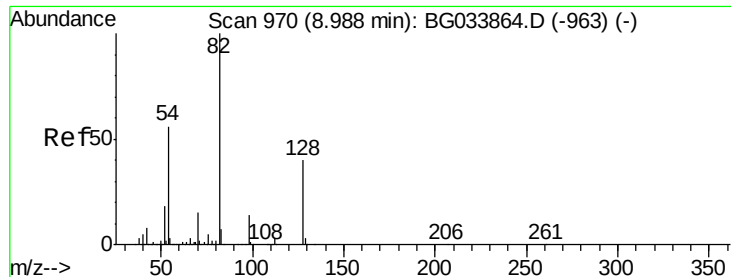
Sohil  
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#22  
Acetophenone  
Concen: 42.373 ng  
RT: 8.65 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 379594 |       |       |
| 71      | 5.4   | 3.0    | 4.4   |       |
| 51      | 29.3  | 26.1   | 39.1  |       |
| 120     | 23.8  | 17.4   | 26.2  |       |





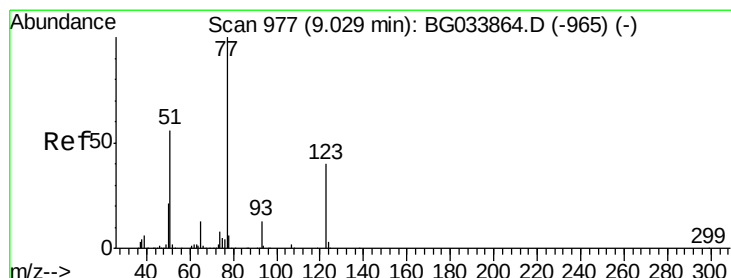
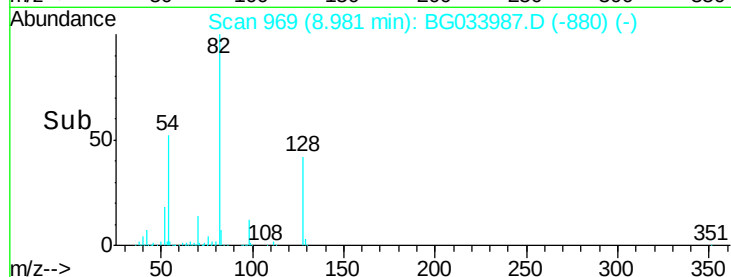
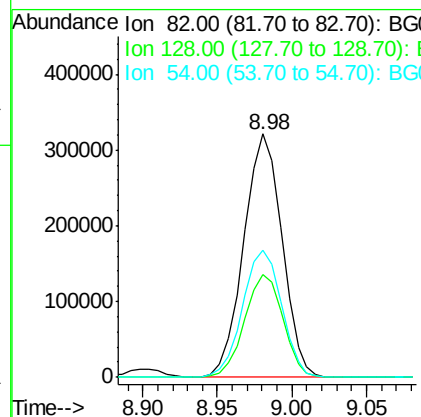
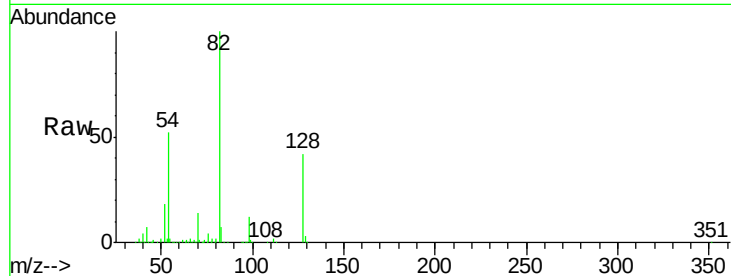
#23  
 Nitrobenzene-d5  
 Concen: 98.607 ng  
 RT: 8.98 min Scan# 969  
 Delta R.T. -0.01 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 KS-RO-238MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 570313 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 42.3  | 29.7  | 44.5   |
| 54        | 52.4  | 43.1  | 64.7   |

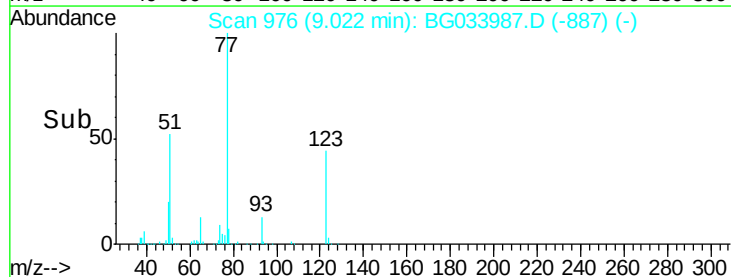
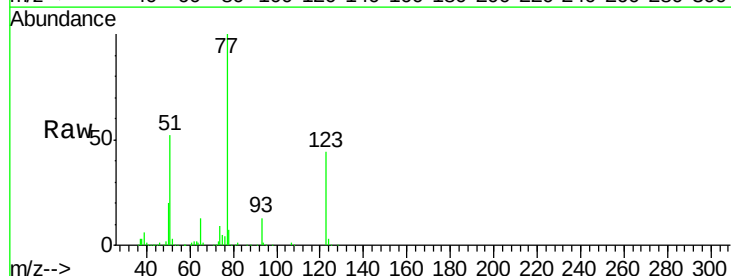
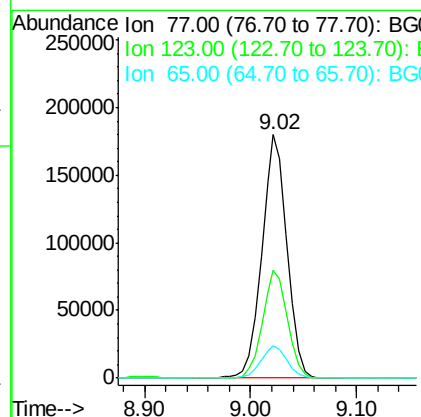
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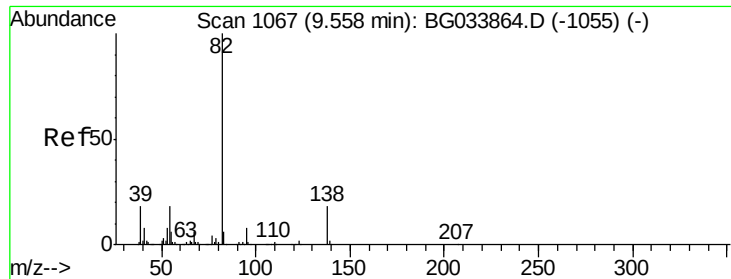


#24  
 Nitrobenzene  
 Concen: 46.870 ng  
 RT: 9.02 min Scan# 976  
 Delta R.T. -0.01 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 295400 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 44.1  | 33.0  | 49.6   |
| 65        | 13.5  | 13.0  | 19.6   |







#25

Isophorone

Concen: 44.964 ng

RT: 9.54 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

Instrument :

BNA\_G

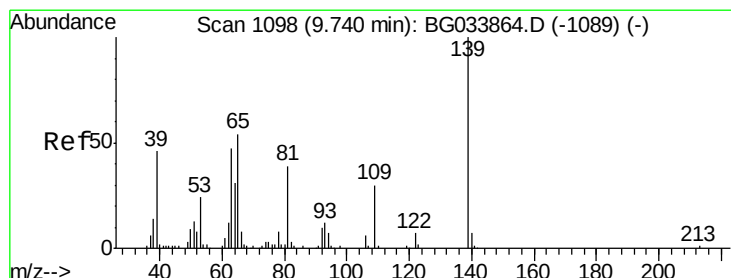
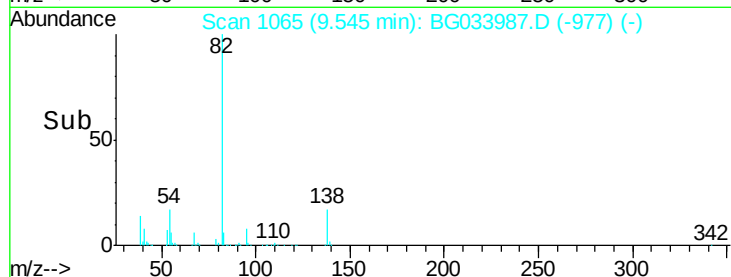
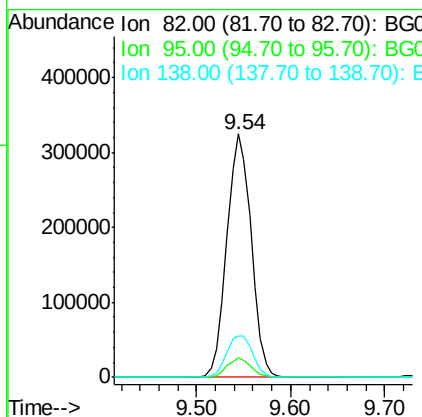
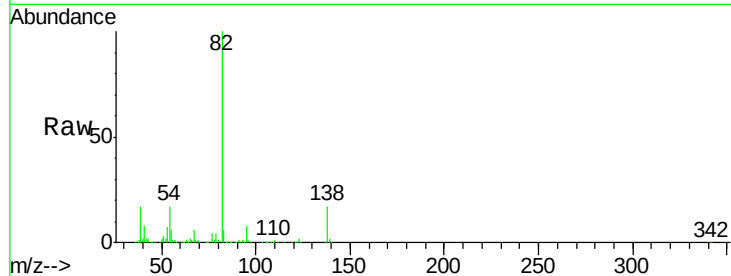
ClientSampleId :

KS-RO-238MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 584690 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 8.1   | 6.2   | 9.2    |
| 138       | 17.2  | 12.1  | 18.1   |

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#26

2-Nitrophenol

Concen: 58.913 ng

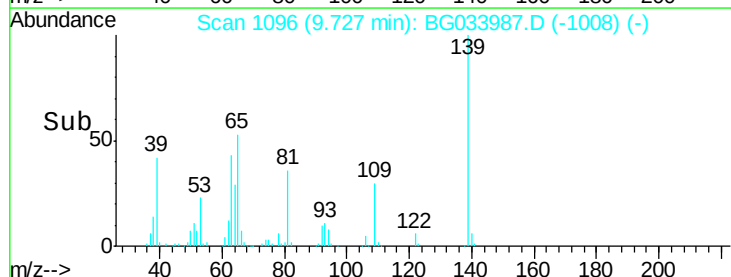
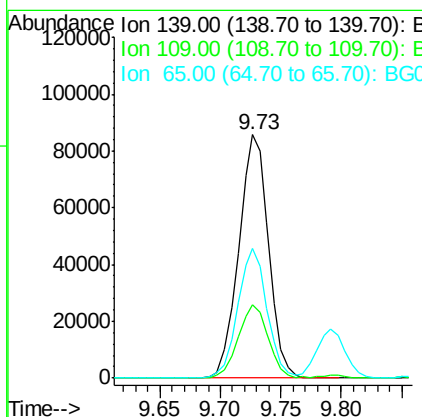
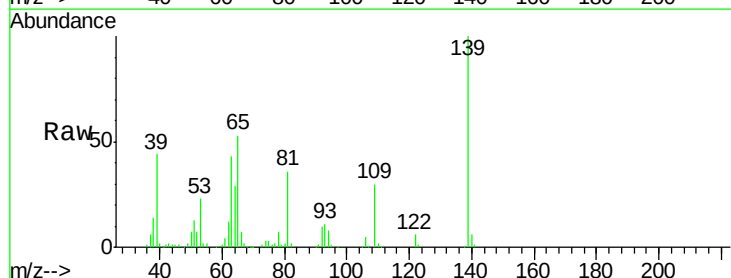
RT: 9.73 min Scan# 1096

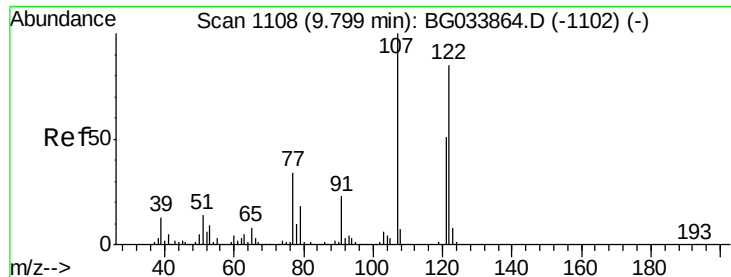
Delta R.T. -0.01 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 146710 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 30.3  | 24.2  | 36.2   |
| 65        | 53.3  | 47.4  | 71.0   |





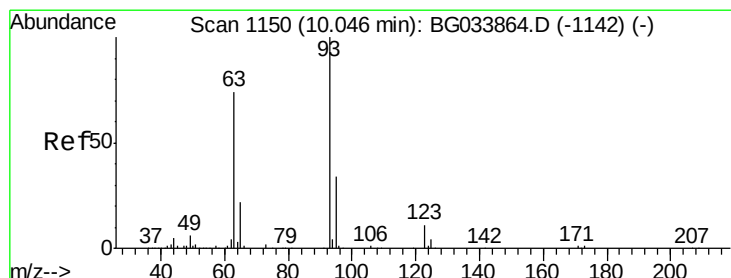
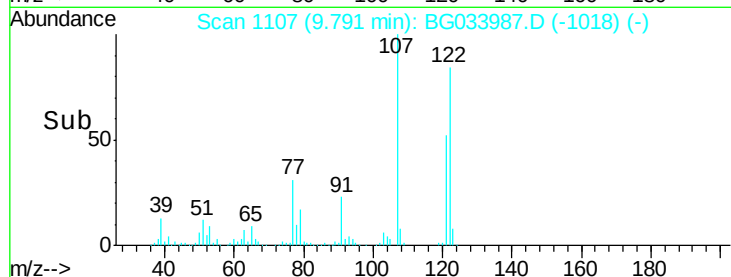
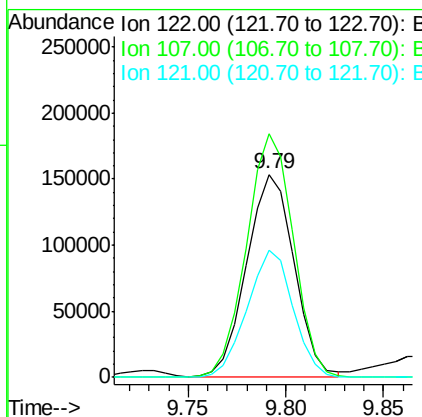
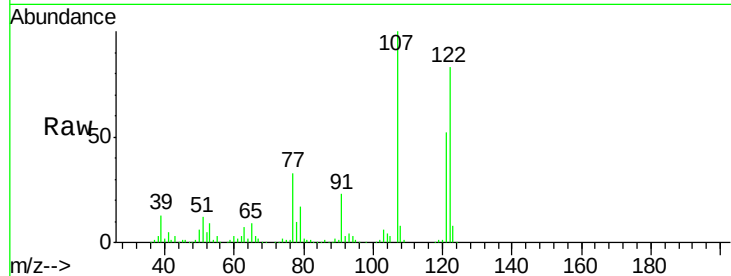
#27  
 2,4-Dimethylphenol  
 Concen: 55.401 ng  
 RT: 9.79 min Scan# 1107  
 Delta R.T. -0.01 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 KS-RO-238MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 258056 |       |       |
| 107     | 119.8 | 100.2  | 150.2 |       |
| 121     | 62.5  | 44.4   | 66.6  |       |

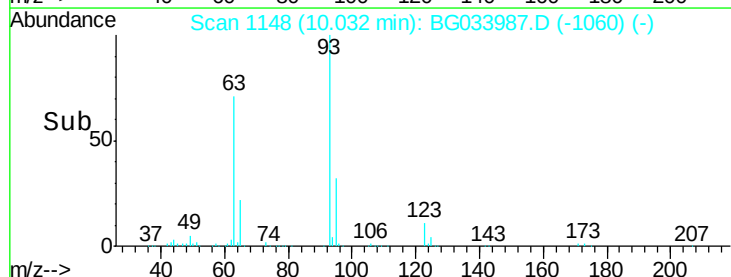
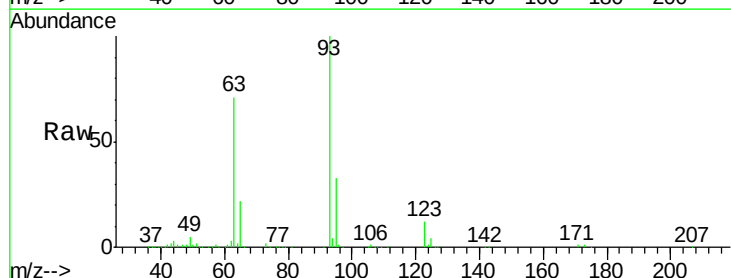
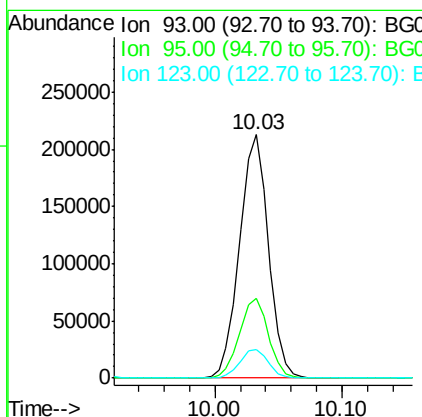
Manual Integrations  
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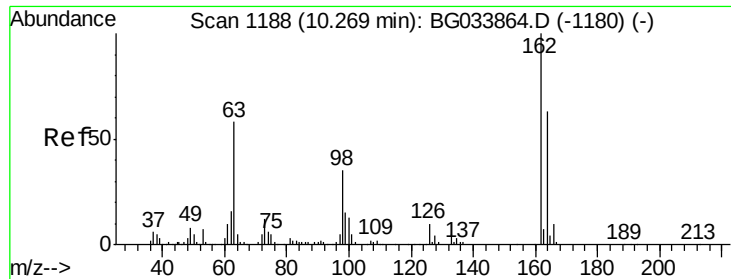
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 48.900 ng  
 RT: 10.03 min Scan# 1148  
 Delta R.T. -0.01 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 336054 |       |       |
| 95      | 32.5  | 24.3   | 36.5  |       |
| 123     | 11.5  | 8.4    | 12.6  |       |





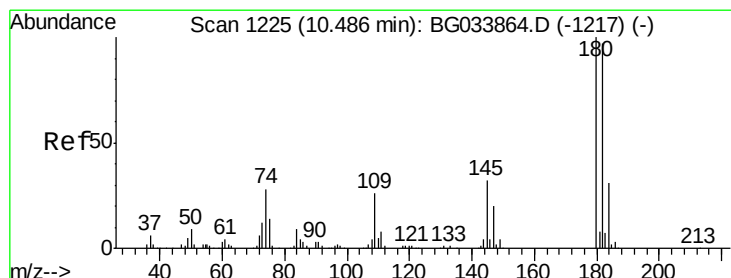
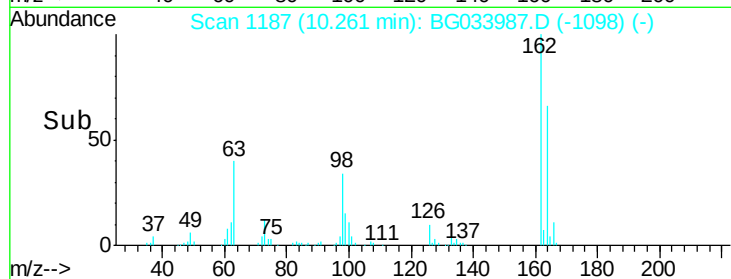
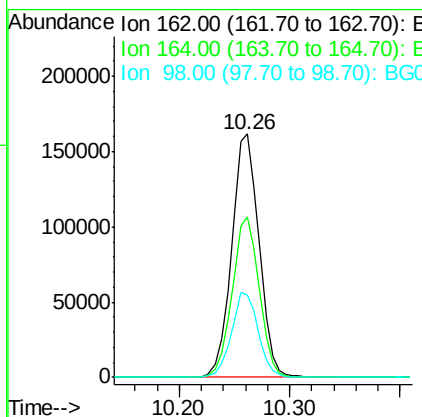
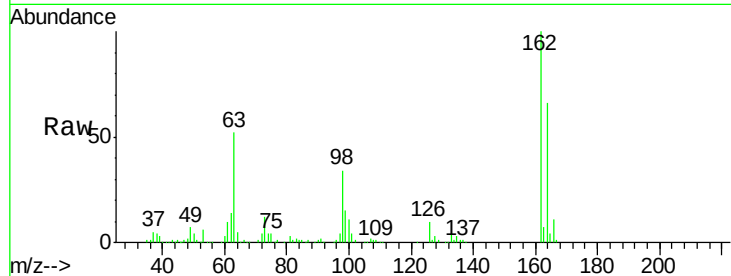
#29  
 2,4-Dichlorophenol  
 Concen: 53.878 ng  
 RT: 10.26 min Scan# 1187  
 Delta R.T. -0.01 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 KS-RO-238MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 279762 |       |       |
| 164     | 65.8  | 48.0   | 88.0  |       |
| 98      | 33.6  | 21.1   | 61.1  |       |

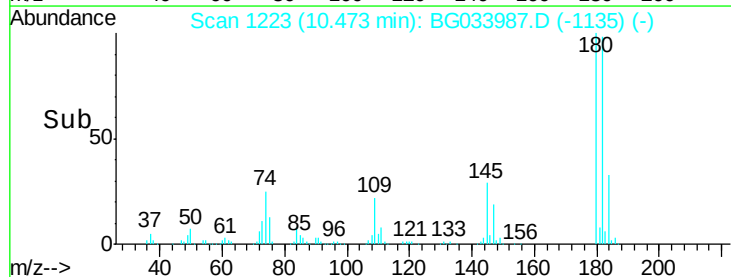
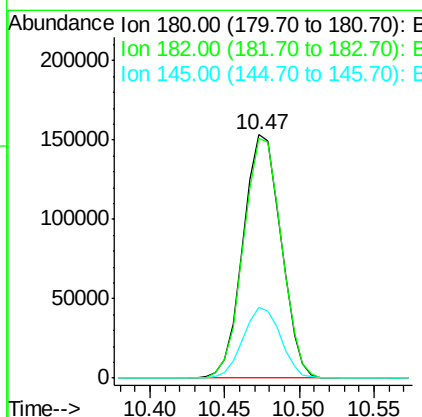
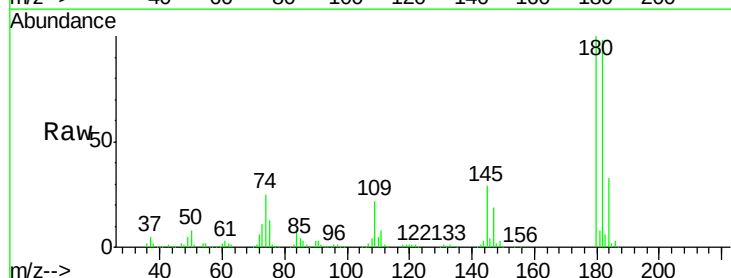
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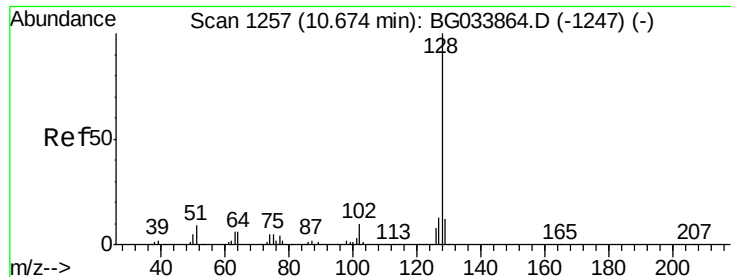
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 46.411 ng  
 RT: 10.47 min Scan# 1223  
 Delta R.T. -0.01 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 269918 |       |       |
| 182     | 98.2  | 77.5   | 116.3 |       |
| 145     | 29.3  | 23.4   | 35.2  |       |





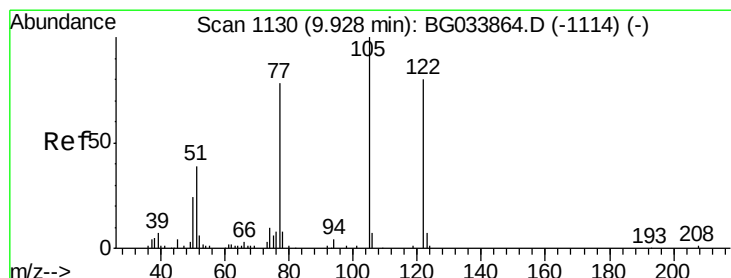
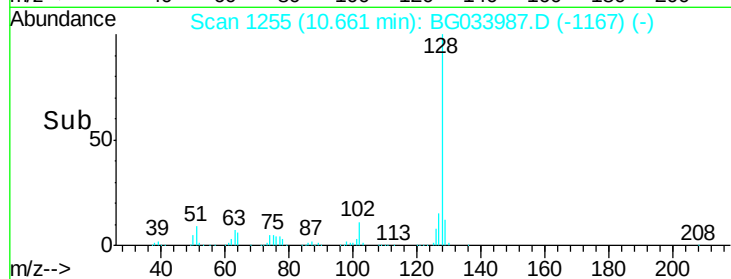
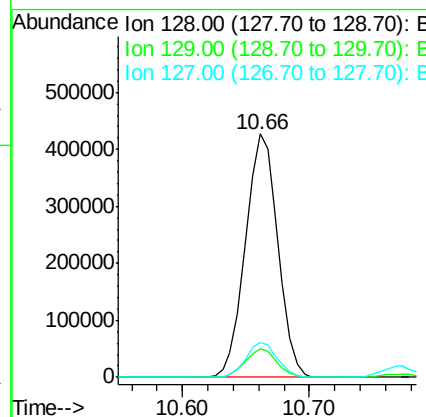
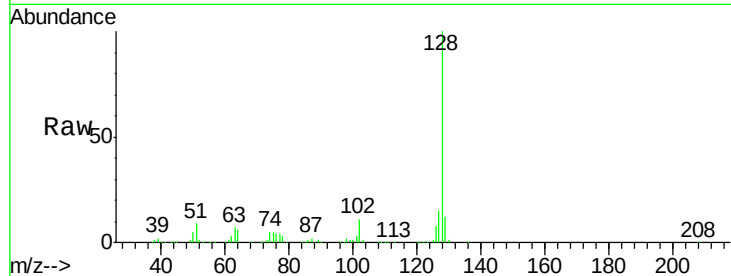
#31  
Naphthalene  
Concen: 44.633 ng  
RT: 10.66 min Scan# 1255  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

Instrument :  
BNA\_G  
ClientSampleId :  
KS-RO-238MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 755467 |       |       |
| 129     | 11.9  |        | 8.6   | 12.8  |
| 127     | 14.5  |        | 11.6  | 17.4  |

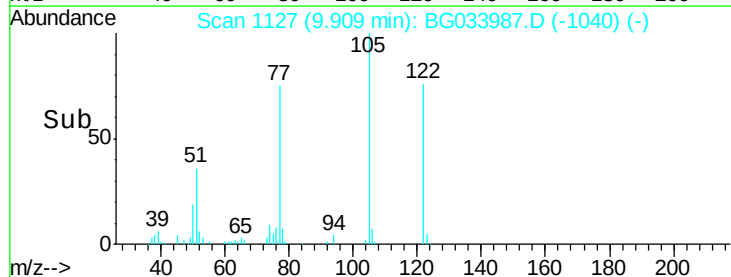
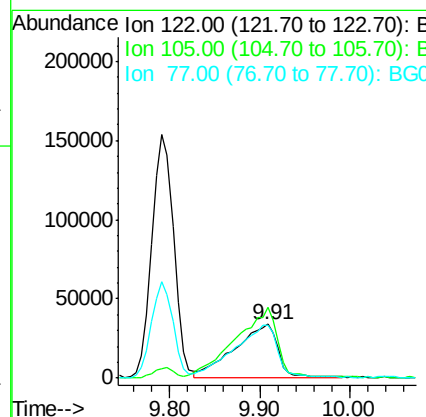
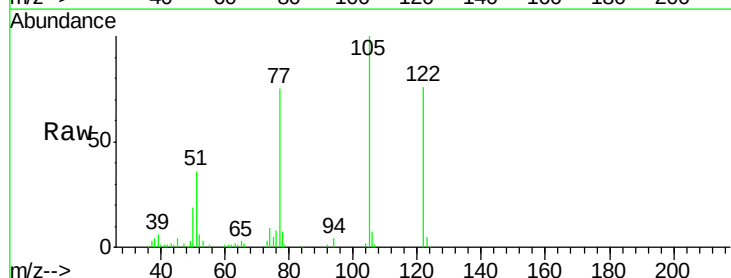
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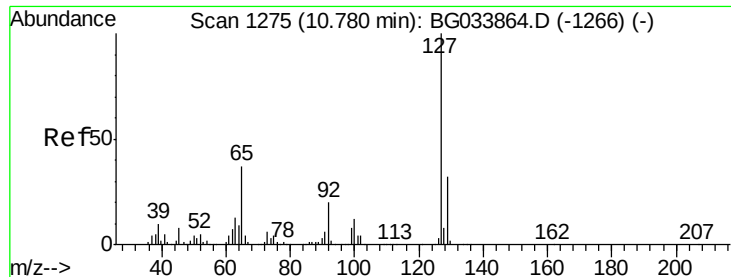
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#32  
Benzoic acid  
Concen: 27.533 ng m  
RT: 9.91 min Scan# 1127  
Delta R.T. -0.02 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 116566 |       |       |
| 105     | 131.8 |        | 123.5 | 163.5 |
| 77      | 98.7  |        | 85.7  | 125.7 |





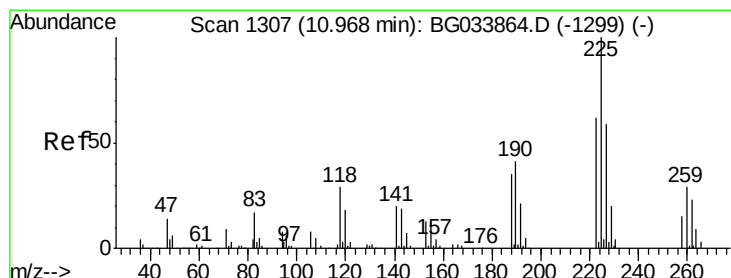
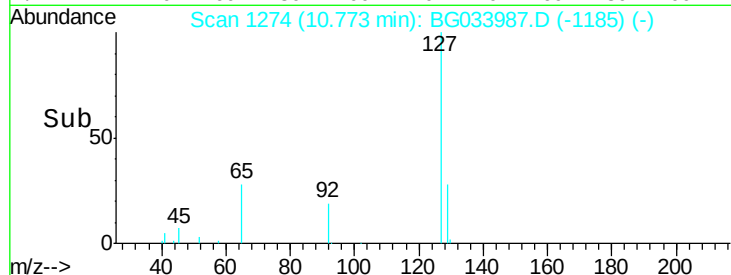
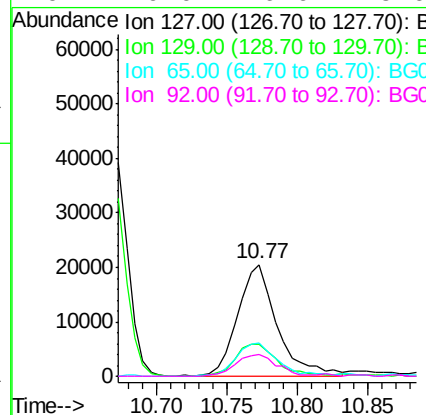
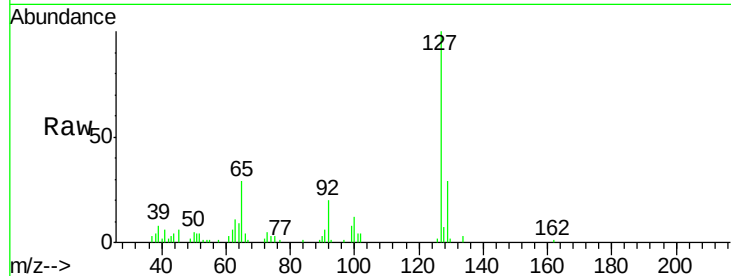
#33  
4-Chloroaniline  
Concen: 5.029 ng  
RT: 10.77 min Scan# 1274  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

Instrument :  
BNA\_G  
ClientSampleId :  
KS-RO-238MSD

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 40010 |       |       |
| 129     | 28.5 |       | 24.0  | 36.0  |       |
| 65      | 29.4 |       | 27.0  | 40.4  |       |
| 92      | 20.0 |       | 16.6  | 25.0  |       |

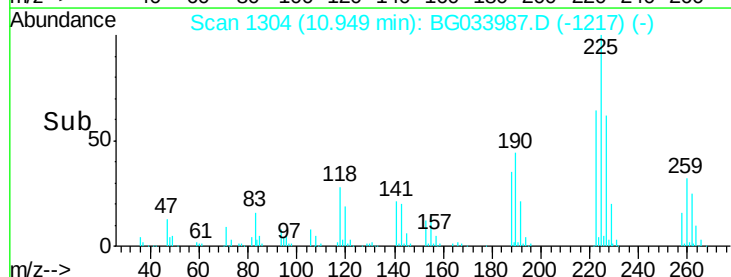
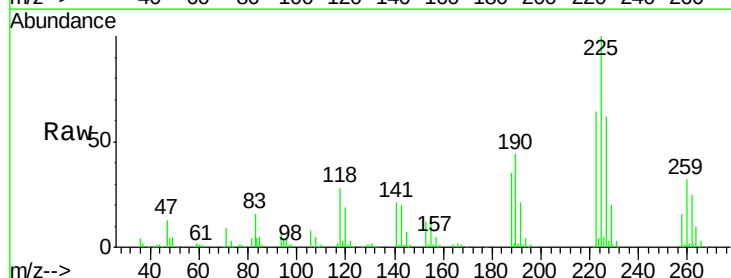
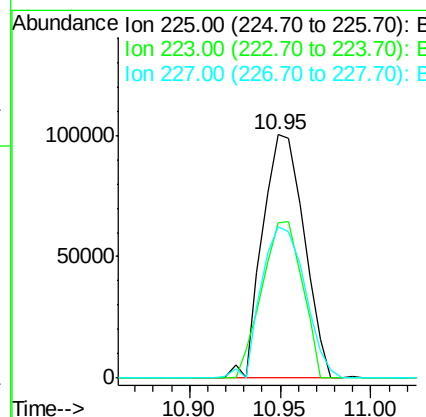
Manual Integrations  
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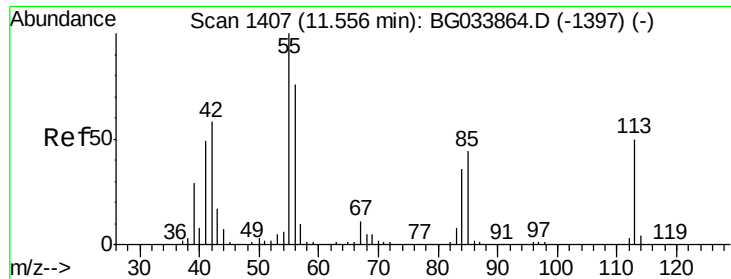
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#34  
Hexachlorobutadiene  
Concen: 46.074 ng  
RT: 10.95 min Scan# 1304  
Delta R.T. -0.02 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 160298 |       |       |
| 223     | 64.8 |       | 49.7   | 74.5  |       |
| 227     | 61.7 |       | 48.1   | 72.1  |       |





#35

Caprolactam

Concen: 38.271 ng/mL

RT: 11.55 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

Instrument :

BNA\_G

ClientSampleID :

KS-RO-238MSD

Tot Ion:113 Resp: 84489

Ion Ratio Lower Upper

113 100

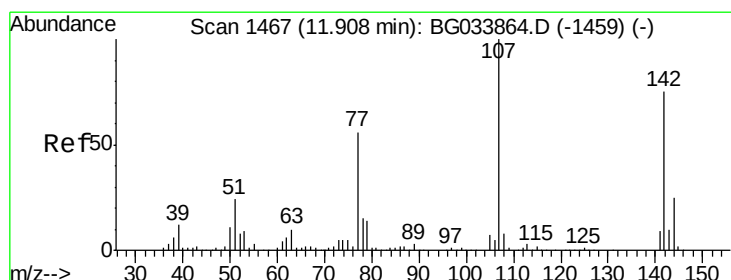
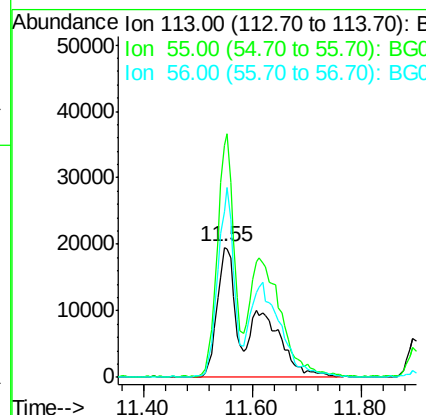
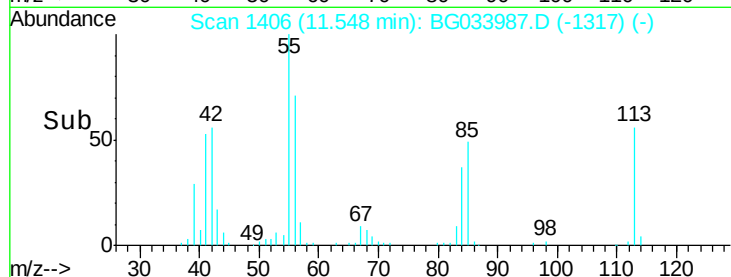
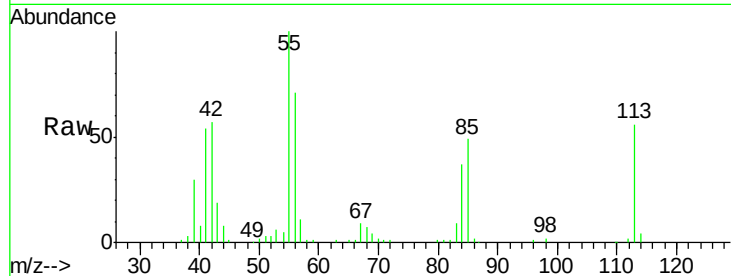
55 178.2 186.9 226.9#

56 126.9 130.9 170.9#

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#36

4-Chloro-3-methylphenol

Concen: 46.606 ng/mL

RT: 11.90 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

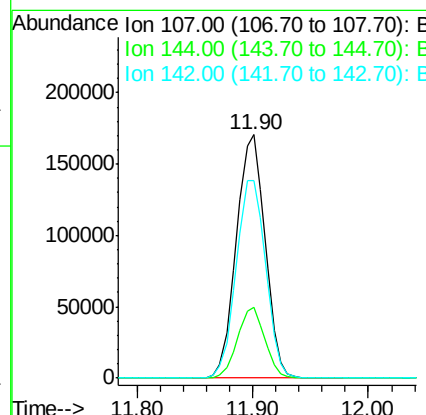
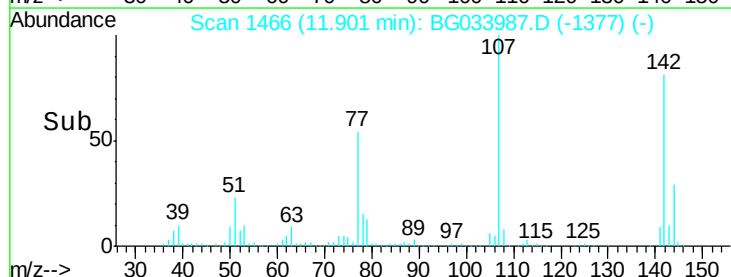
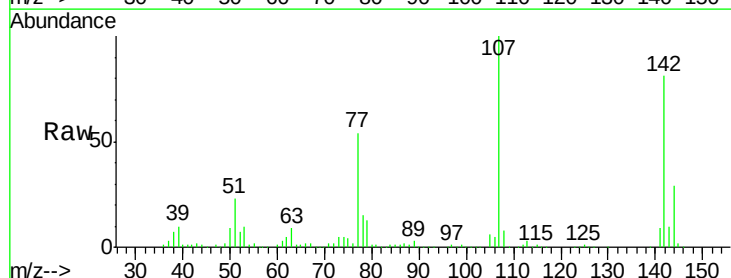
Tgt Ion:107 Resp: 295365

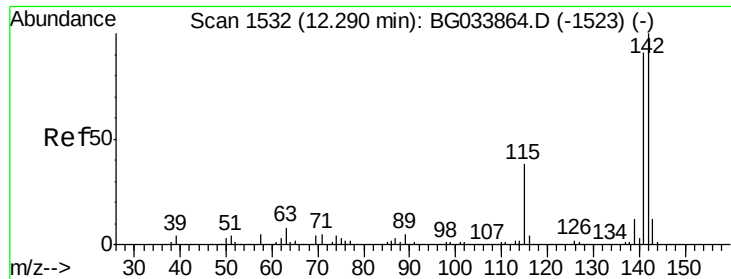
Ion Ratio Lower Upper

107 100

144 28.9 18.2 27.4#

142 81.3 59.0 88.4





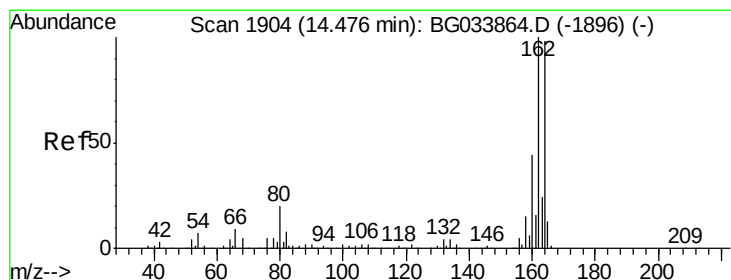
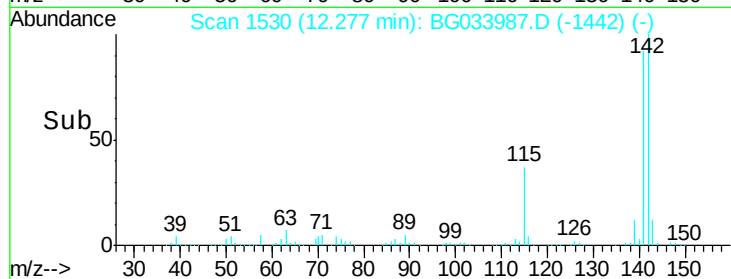
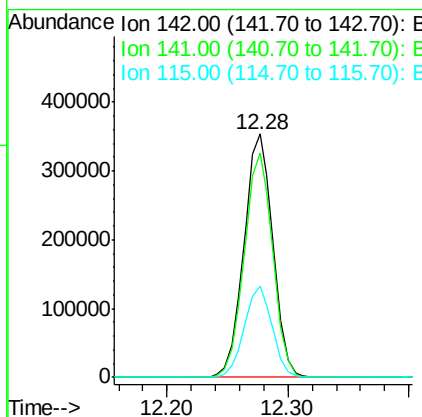
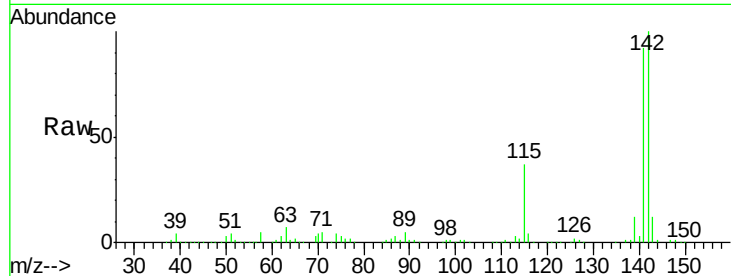
#37  
2-Methylnaphthalene  
Concen: 45.380 ng  
RT: 12.28 min Scan# 1530  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

Instrument :  
BNA\_G  
ClientSampleId :  
KS-RO-238MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.0  | 67.1  | 100.7 |
| 115     | 37.5  | 30.7  | 46.1  |

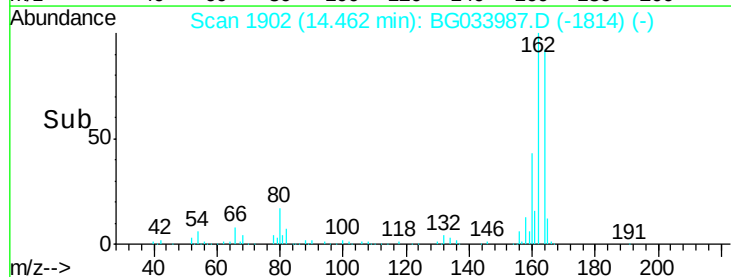
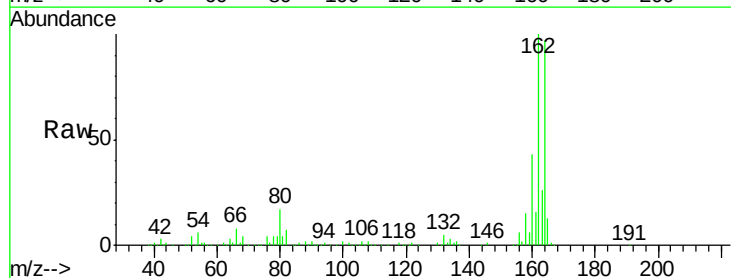
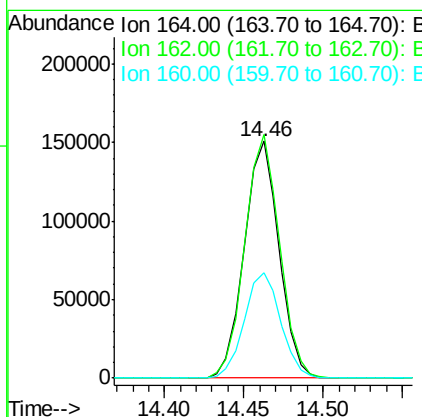
Manual Integrations  
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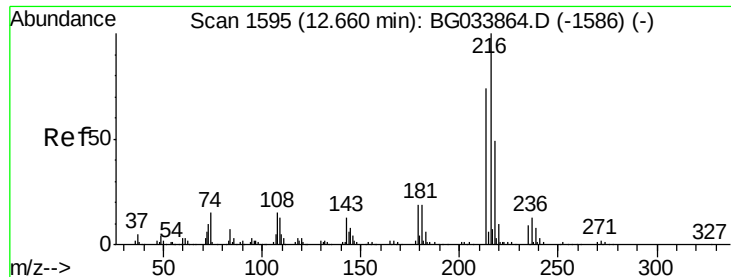
Sohil  
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.46 min Scan# 1902  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.7 | 78.8  | 118.2 |
| 160     | 44.3  | 35.4  | 53.0  |





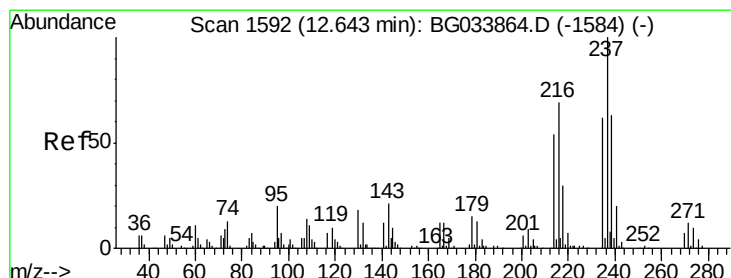
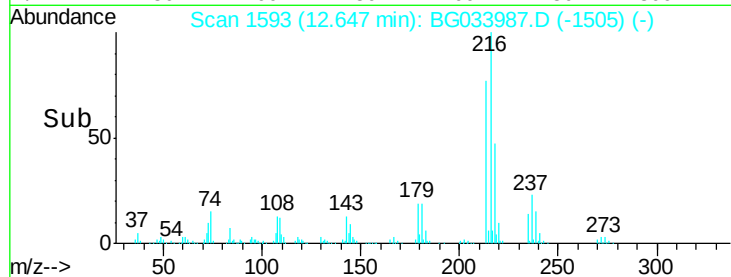
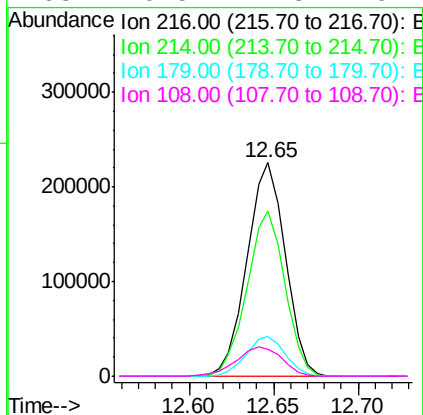
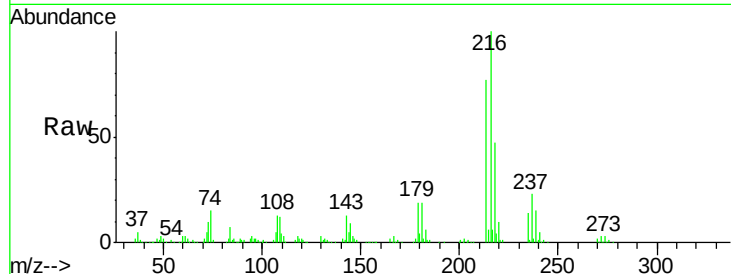
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 46.736 ng  
 RT: 12.65 min Scan# 1593  
 Delta R.T. -0.01 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 KS-RO-238MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 355782 |       |       |
| 214     | 76.7 |       | 63.0   | 94.4  |       |
| 179     | 18.9 |       | 17.0   | 25.6  |       |
| 108     | 16.5 |       | 12.8   | 19.2  |       |

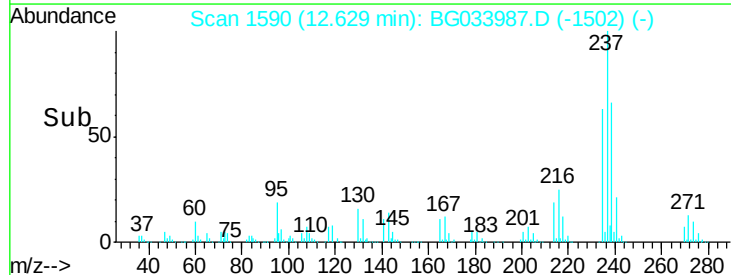
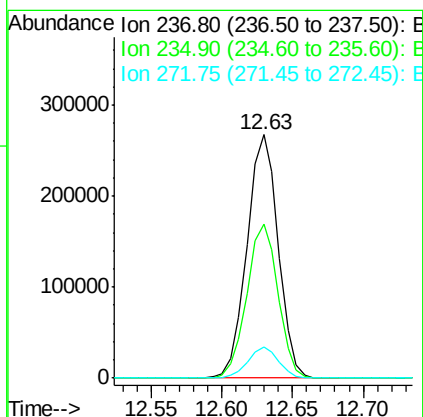
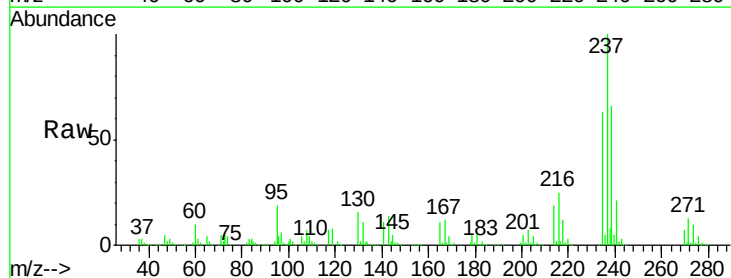
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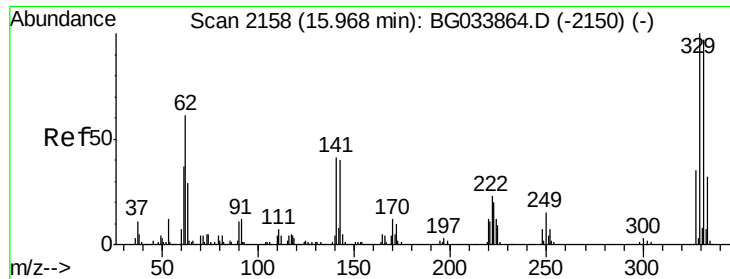


#40  
 Hexachlorocyclopentadiene  
 Concen: 98.948 ng  
 RT: 12.63 min Scan# 1590  
 Delta R.T. -0.01 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 237     | 100  |       | 414170 |       |       |
| 235     | 63.4 |       | 50.4   | 90.4  |       |
| 272     | 13.0 |       | 0.0    | 31.8  |       |







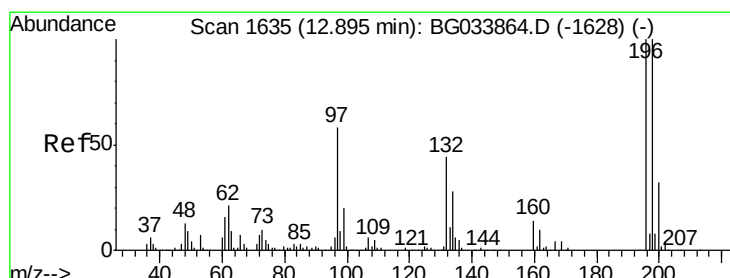
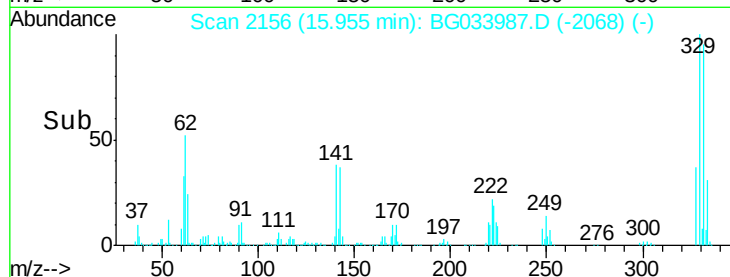
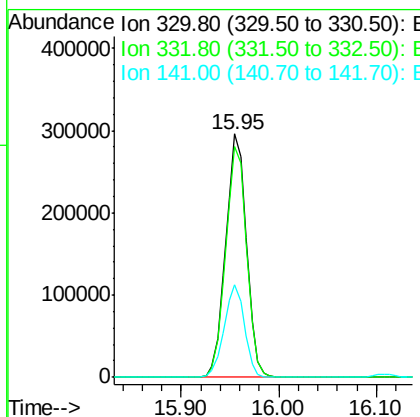
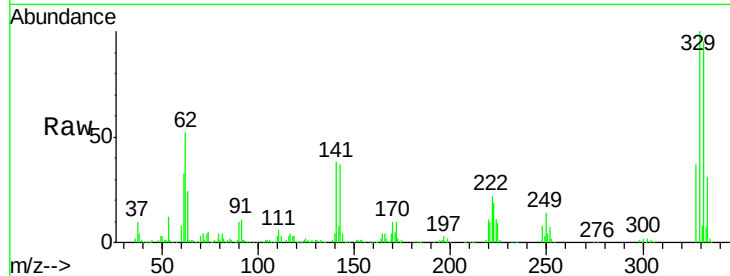
#41  
 2,4,6-Tribromophenol  
 Concen: 163.522 ng  
 RT: 15.95 min Scan# 2156  
 Delta R.T. -0.01 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 KS-RO-238MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 95.7  | 77.0 | 115.6 |       |
| 141     | 37.2  | 25.2 | 37.8  |       |

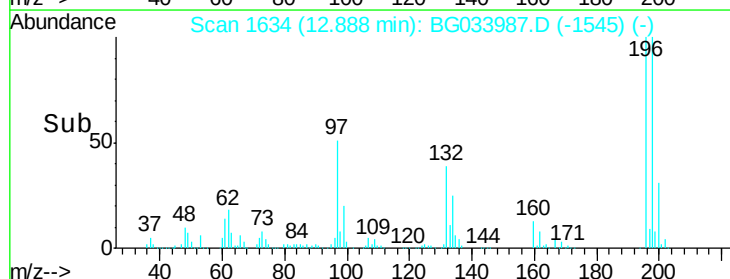
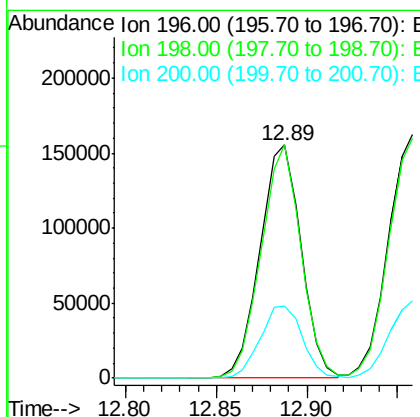
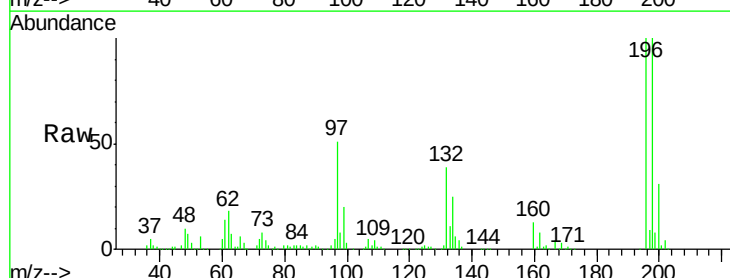
Manual Integrations  
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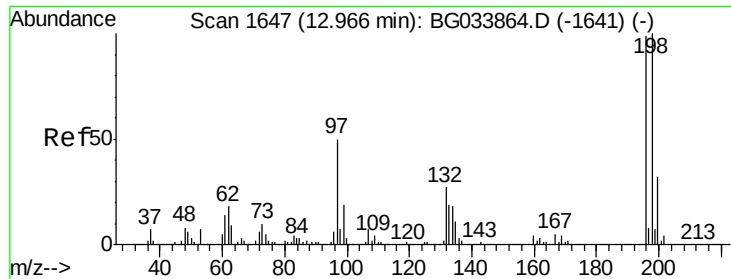
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#42  
 2,4,6-Trichlorophenol  
 Concen: 52.824 ng  
 RT: 12.89 min Scan# 1634  
 Delta R.T. -0.01 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 100.3 | 78.2 | 117.2 |       |
| 200     | 31.2  | 24.6 | 36.8  |       |





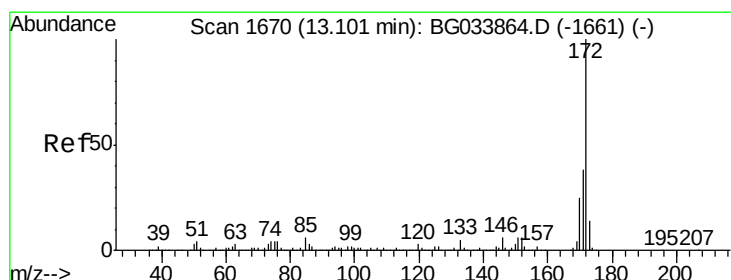
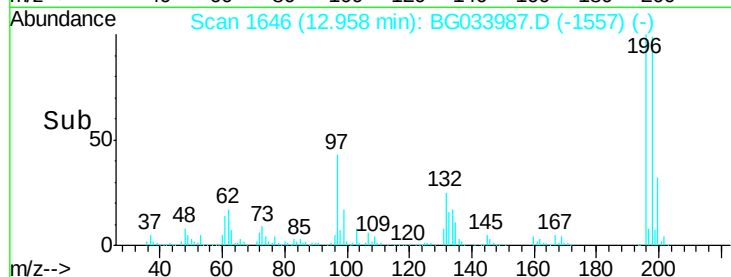
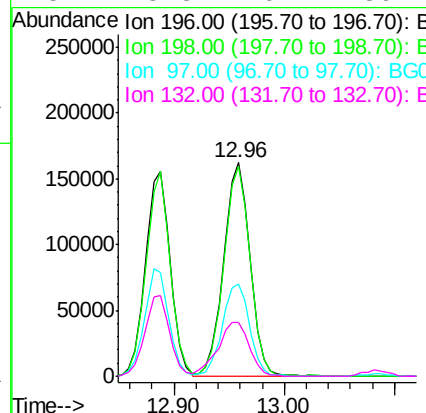
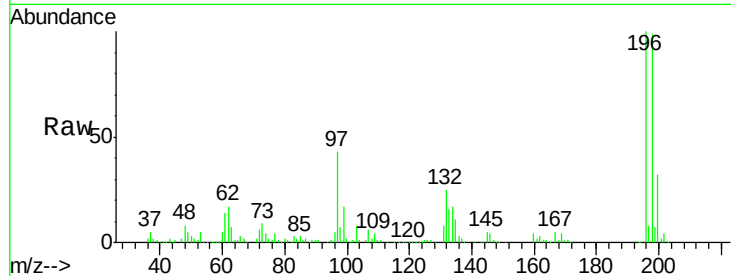
#43  
 2,4,5-Trichlorophenol  
 Concen: 50.717 ng  
 RT: 12.96 min Scan# 1646  
 Delta R.T. -0.01 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 KS-RO-238MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 270628 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 105.7 | 76.2  | 114.4  |
| 97        | 43.3  | 38.7  | 58.1   |
| 132       | 25.3  | 20.2  | 30.2   |

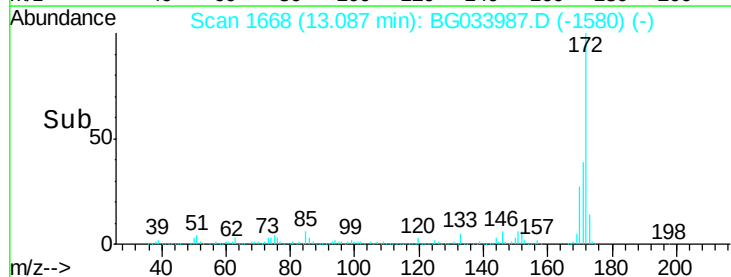
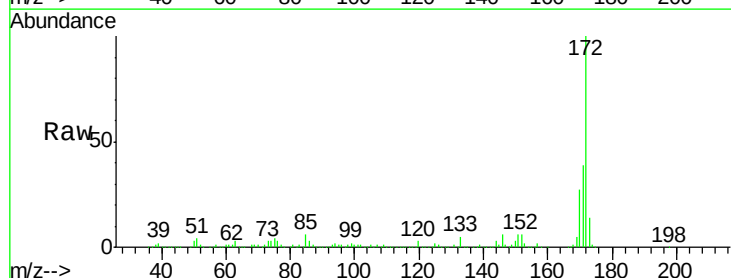
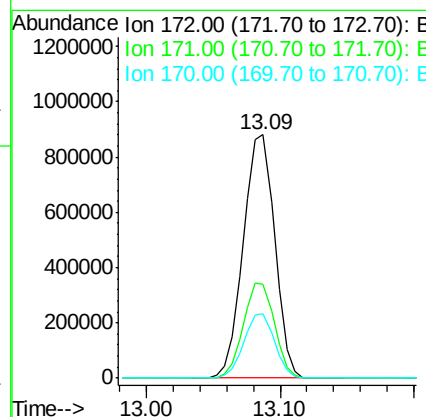
Manual Integrations  
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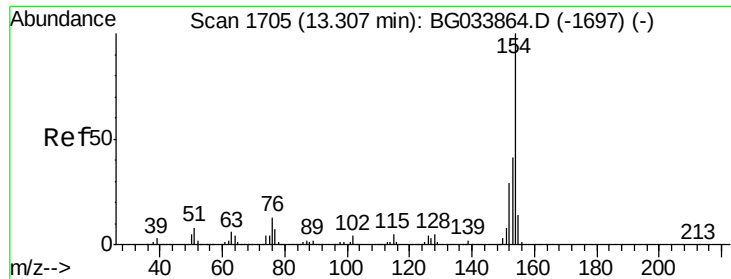
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#44  
 2-Fluorobiphenyl  
 Concen: 91.647 ng  
 RT: 13.09 min Scan# 1668  
 Delta R.T. -0.01 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 172   | Resp: | 1430226 |
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 38.8  | 30.0  | 45.0    |
| 170       | 26.6  | 19.5  | 29.3    |





#45

1,1'-Biphenyl

Concen: 44.097 ng

RT: 13.29 min Scan# 1703

Delta R.T. -0.01 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

Instrument :

BNA\_G

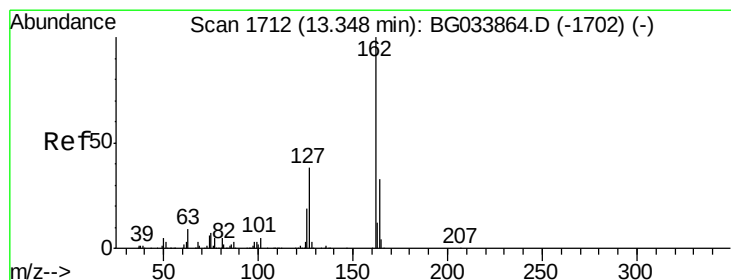
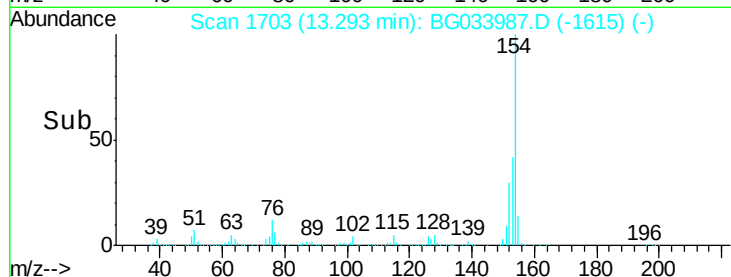
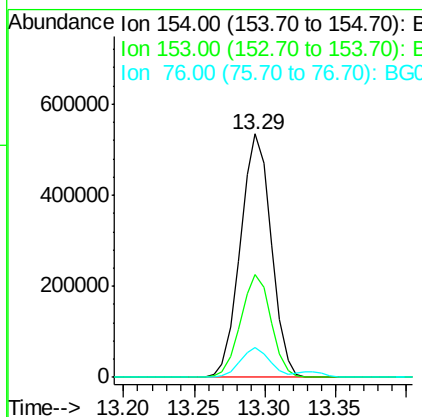
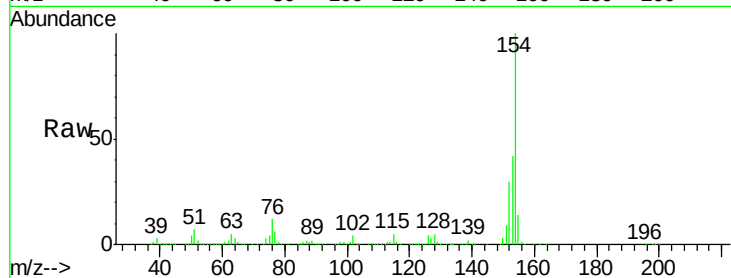
ClientSampleId :

KS-RO-238MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 818352 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 42.5  | 19.8  | 59.8   |
| 76        | 12.4  | 0.0   | 31.9   |

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#46

2-Chloronaphthalene

Concen: 44.582 ng

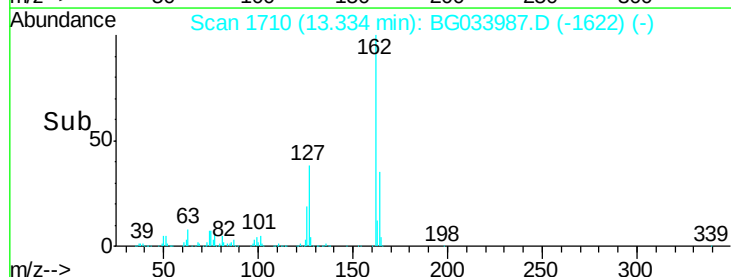
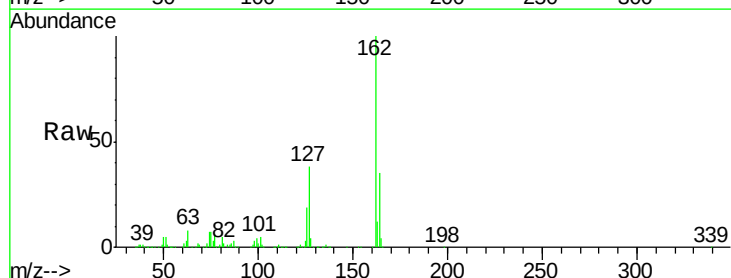
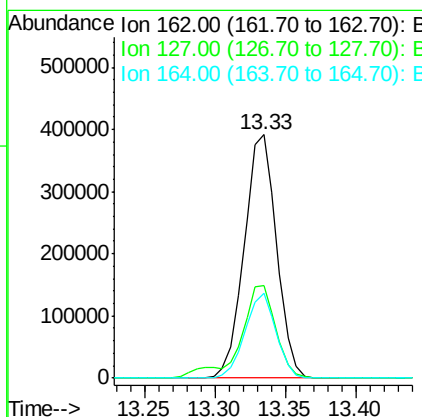
RT: 13.33 min Scan# 1710

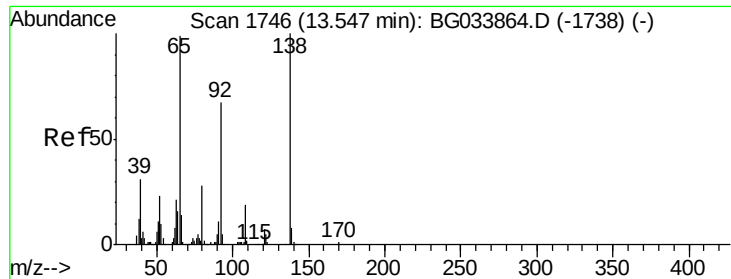
Delta R.T. -0.01 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 627324 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 37.9  | 30.7  | 46.1   |
| 164       | 34.9  | 26.0  | 39.0   |





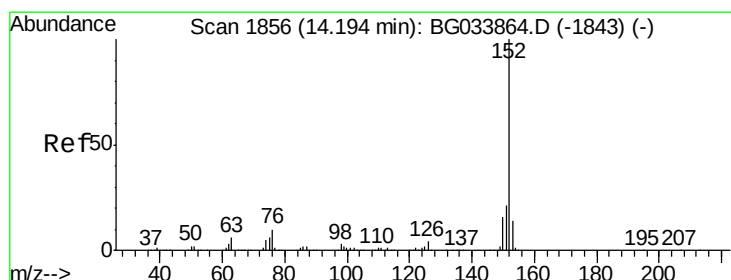
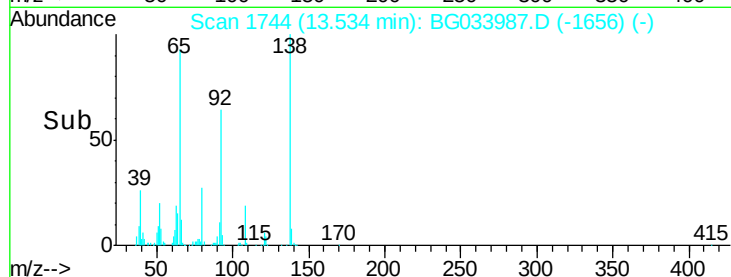
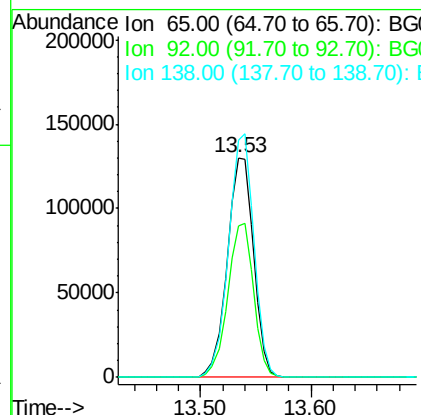
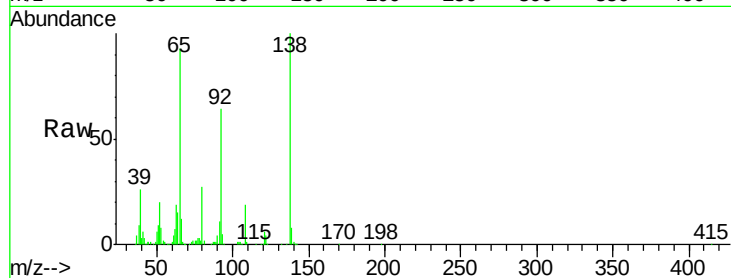
#47  
2-Nitroaniline  
Concen: 49.562 ng  
RT: 13.53 min Scan# 1744  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

Instrument :  
BNA\_G  
ClientSampleId :  
KS-RO-238MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.6  | 54.6  | 82.0  |
| 138     | 107.9 | 72.9  | 109.3 |

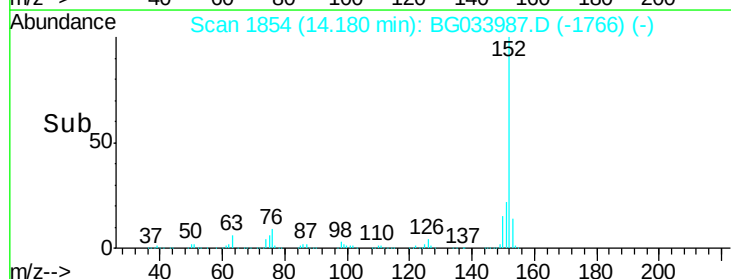
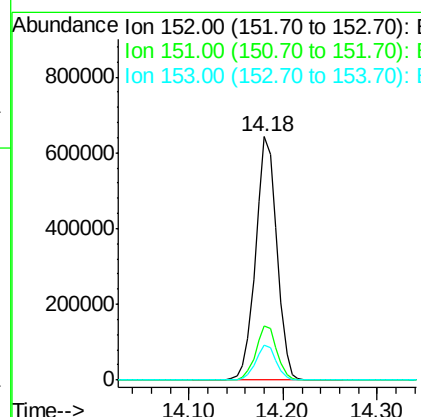
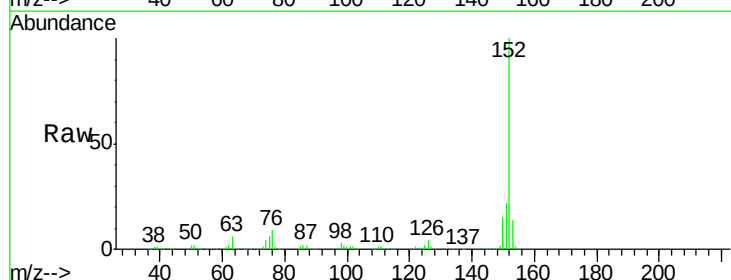
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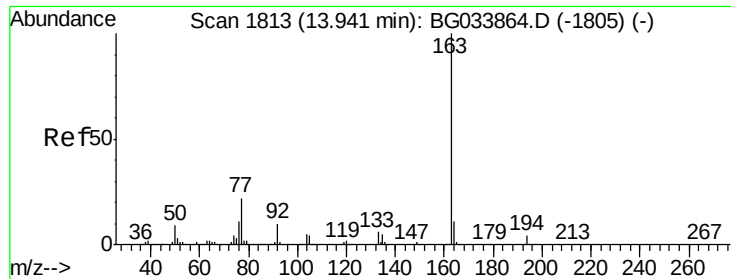
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#48  
Acenaphthylene  
Concen: 42.720 ng  
RT: 14.18 min Scan# 1854  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 22.4  | 17.2  | 25.8  |
| 153     | 14.3  | 10.2  | 15.4  |





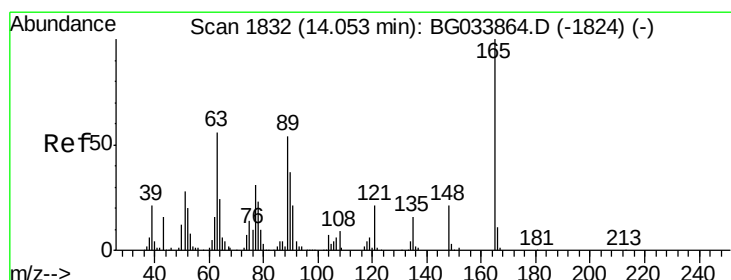
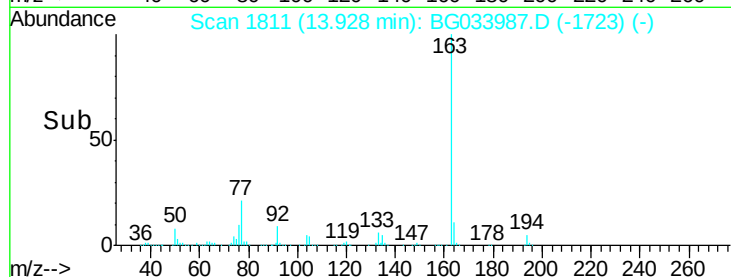
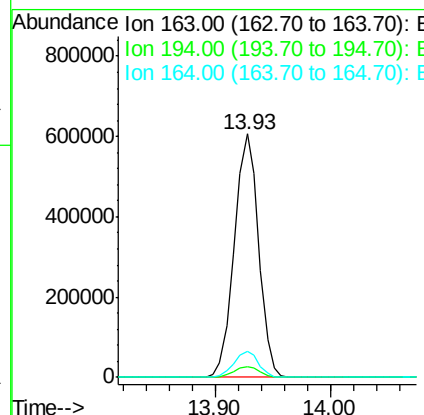
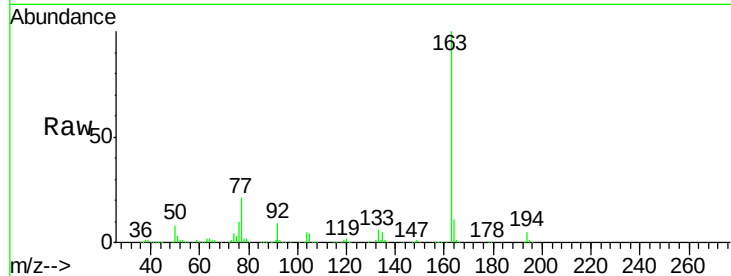
#49  
Dimethylphthalate  
Concen: 43.527 ng  
RT: 13.93 min Scan# 1811  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

Instrument :  
BNA\_G  
ClientSampleId :  
KS-RO-238MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 877772 |       |       |
| 194     | 4.6   |        | 3.4   | 5.2   |
| 164     | 10.8  |        | 8.2   | 12.4  |

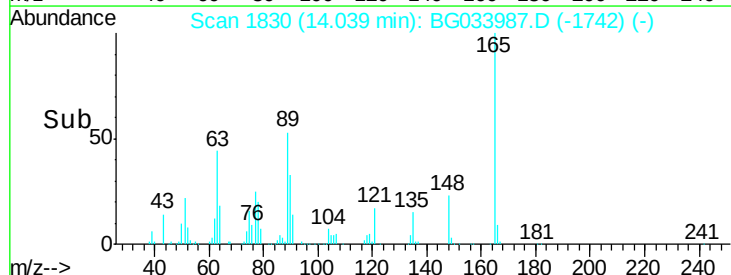
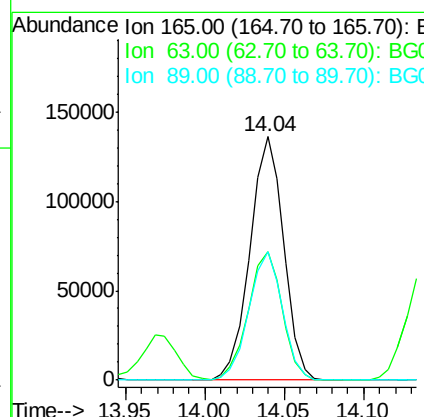
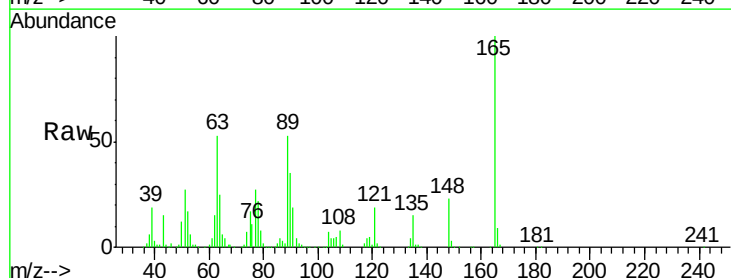
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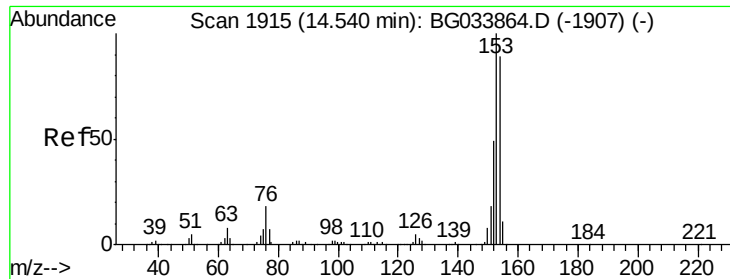
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#50  
2,6-Dinitrotoluene  
Concen: 52.603 ng  
RT: 14.04 min Scan# 1830  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 201034 |       |       |
| 63      | 52.5  |        | 52.7  | 79.1# |
| 89      | 52.8  |        | 49.2  | 73.8  |





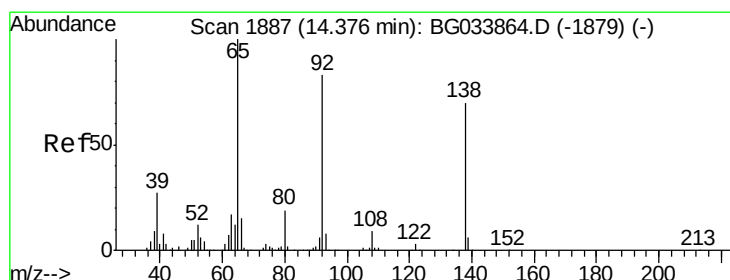
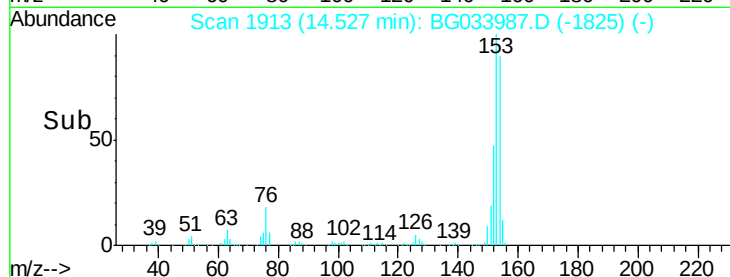
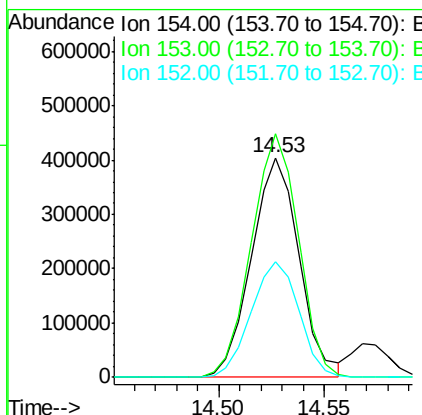
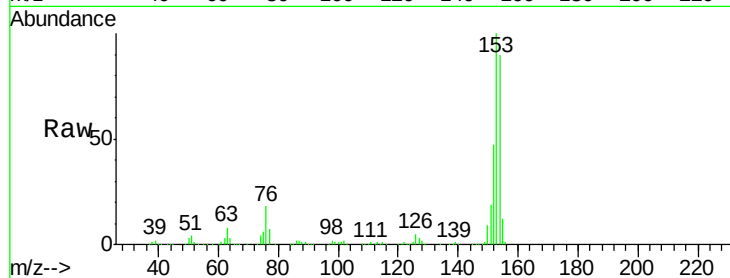
#51  
Acenaphthene  
Concen: 43.148 ng  
RT: 14.53 min Scan# 1913  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

Instrument :  
BNA\_G  
ClientSampleId :  
KS-RO-238MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.0 | 90.4  | 135.6 |
| 152     | 52.6  | 41.6  | 62.4  |

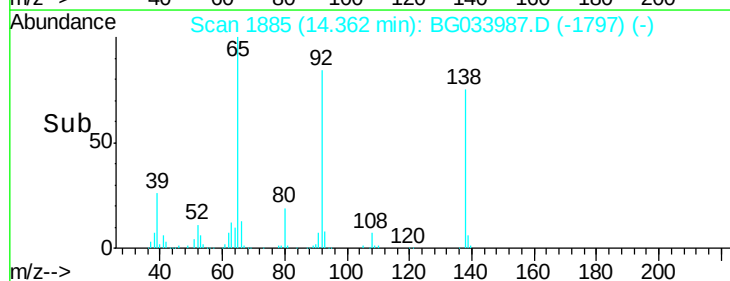
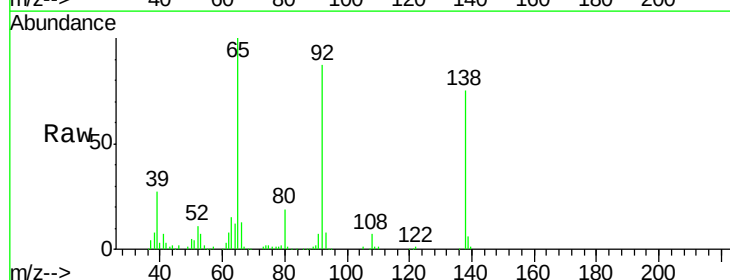
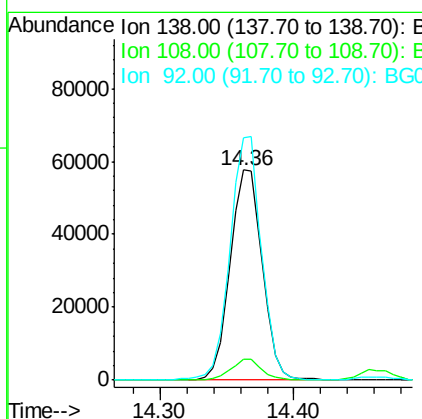
Manual Integrations  
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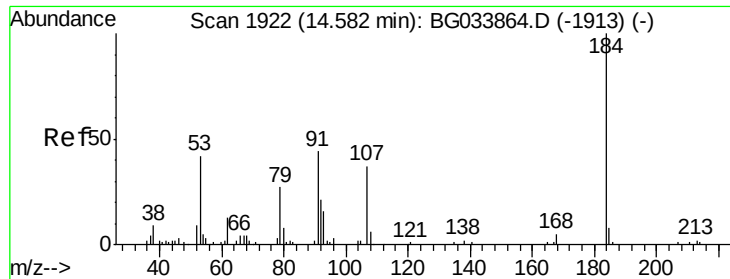
Sohil  
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#52  
3-Nitroaniline  
Concen: 23.231 ng  
RT: 14.36 min Scan# 1885  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.0  | 17.5  | 26.3# |
| 92      | 115.5 | 105.8 | 158.8 |





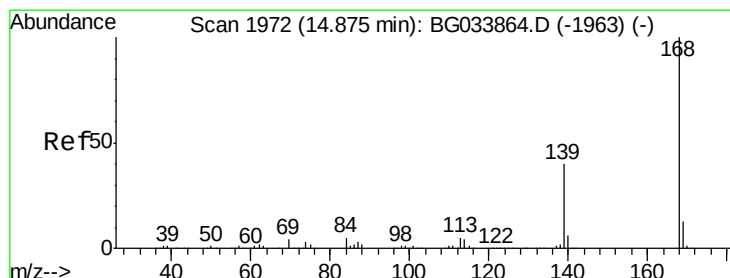
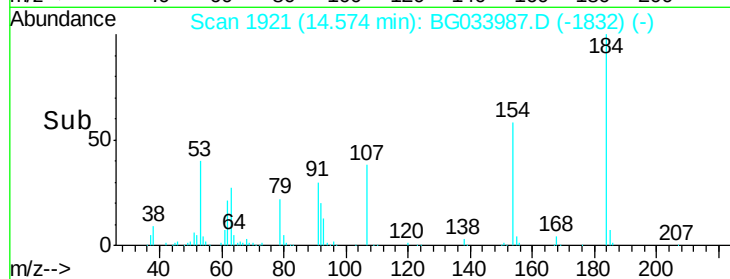
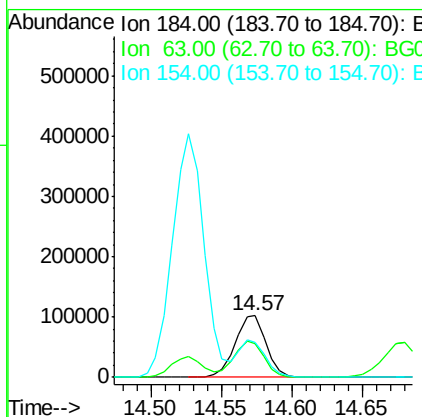
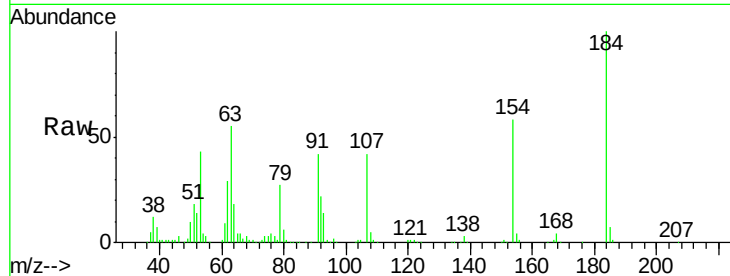
#53  
 2,4-Dinitrophenol  
 Concen: 114.739 ng  
 RT: 14.57 min Scan# 1921  
 Delta R.T. -0.01 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

Instrument :  
 BNA\_G  
 ClientSampled :  
 KS-RO-238MSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 54.8  | 59.8  | 89.8#  |
| 154     | 57.6  | 101.8 | 152.8# |

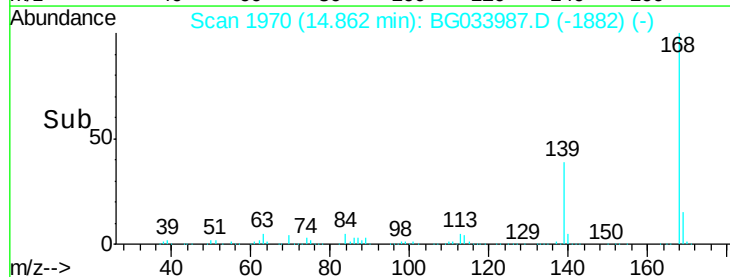
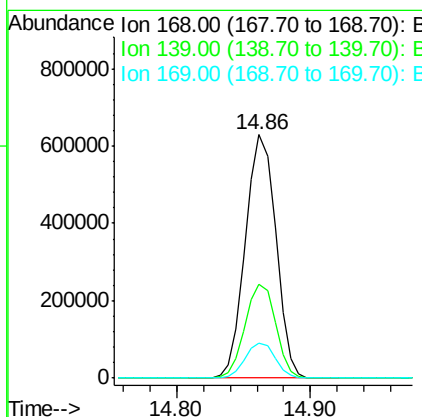
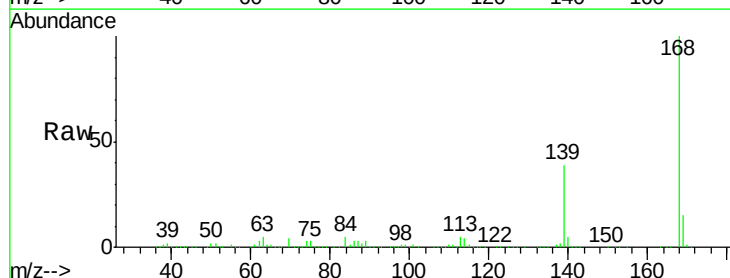
Manual Integrations  
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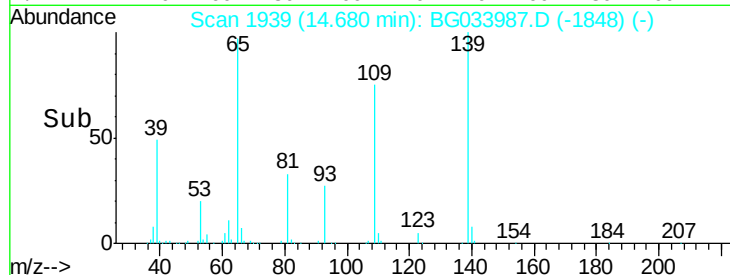
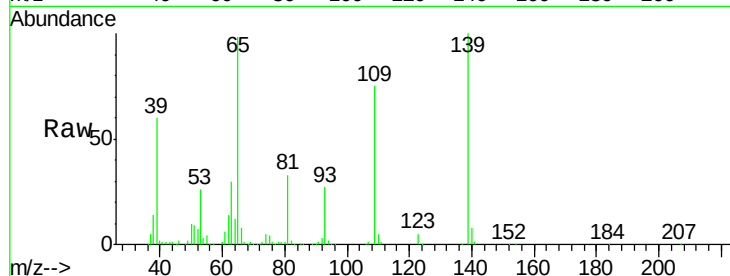
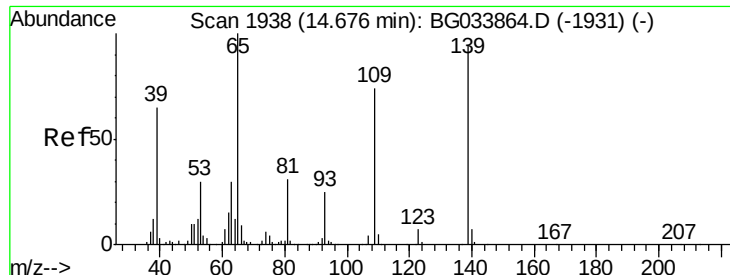
Sohil  
 4/26/2018 6:16:35 PM



#54  
 Dibenzofuran  
 Concen: 45.559 ng  
 RT: 14.86 min Scan# 1970  
 Delta R.T. -0.01 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.7  | 28.6  | 43.0  |
| 169     | 14.6  | 11.2  | 16.8  |





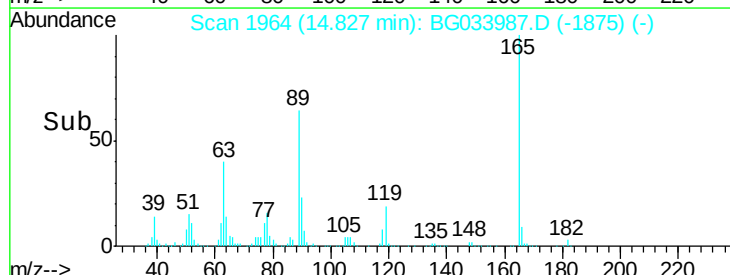
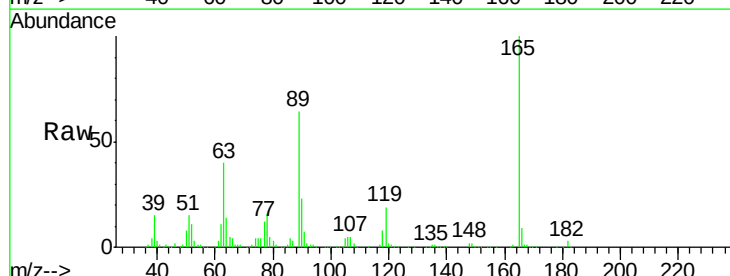
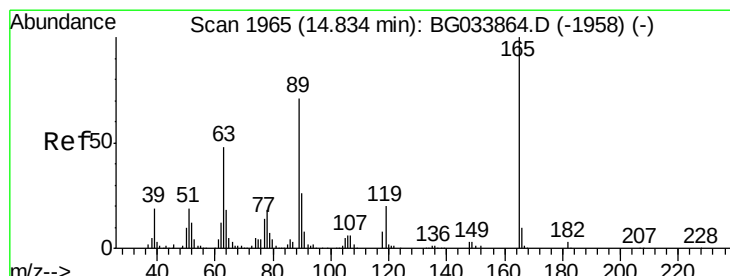
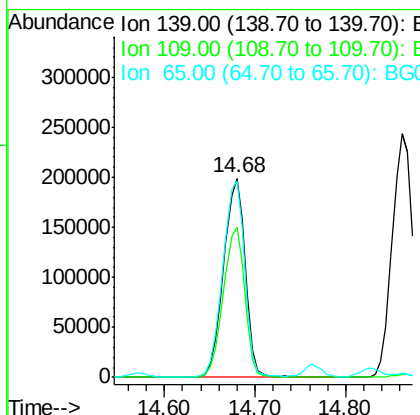
#55  
4-Nitrophenol  
Concen: 101.596 ng  
RT: 14.68 min Scan# 1939  
Delta R.T. 0.00 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 330657 |       |       |
| 109     | 75.1  | 62.2   | 102.2 |       |
| 65      | 98.1  | 97.2   | 137.2 |       |

Instrument :  
BNA\_G  
ClientSampleId :  
KS-RO-238MSD

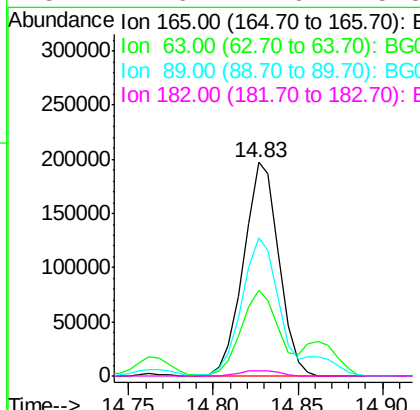
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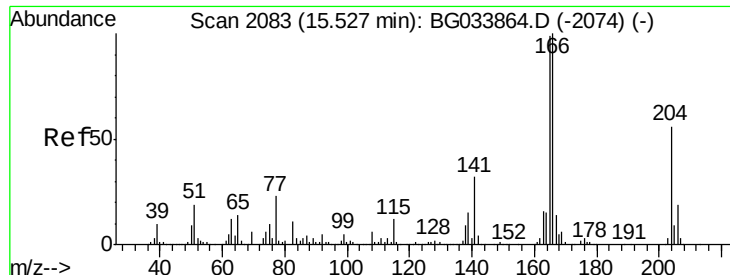


#56  
2,4-Dinitrotoluene  
Concen: 56.416 ng  
RT: 14.83 min Scan# 1964  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 165     | 100   | 286709 |        |       |
| 63      | 40.0  | 42.0   | 63.0#  |       |
| 89      | 64.5  | 66.9   | 100.3# |       |
| 182     | 2.6   | 2.6    | 3.8    |       |







#57

Fluorene

Concen: 44.971 ng

RT: 15.51 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

Instrument :

BNA\_G

ClientSampleId :

KS-RO-238MSD

Tot Ion:166 Resp: 847748

Ion Ratio Lower Upper

166 100

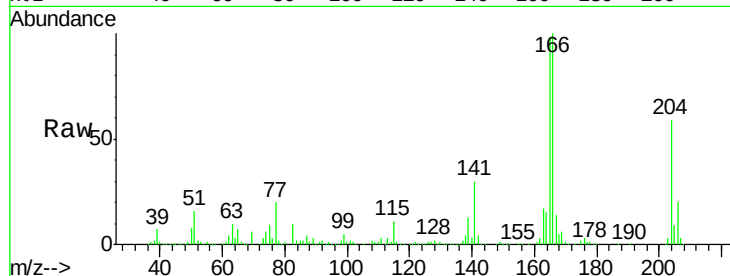
165 98.2 80.6 121.0

167 14.2 10.4 15.6

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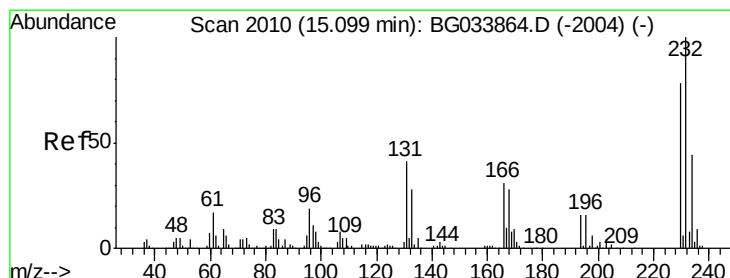
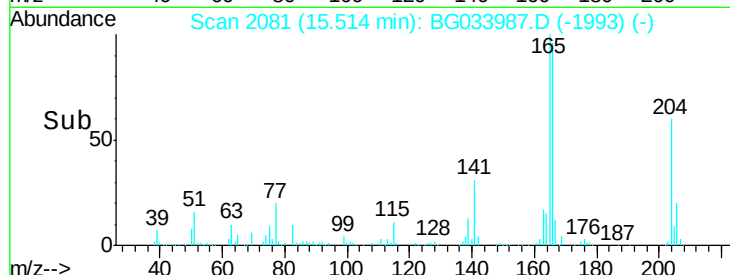
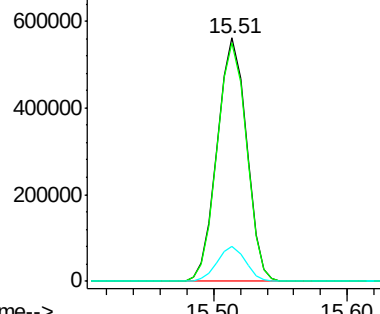
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 54.219 ng

RT: 15.09 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

Tgt Ion:232 Resp: 264897

Ion Ratio Lower Upper

232 100

131 39.6 33.5 50.3

130 2.3 2.2 3.2

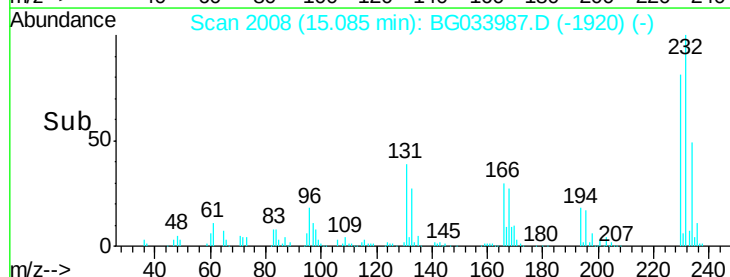
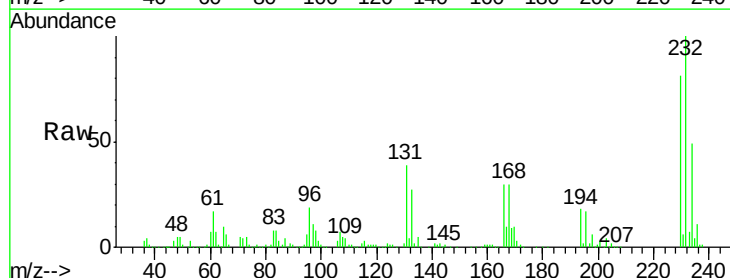
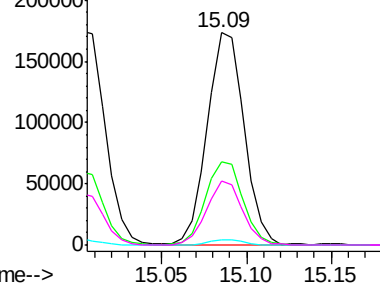
166 29.3 24.8 37.2

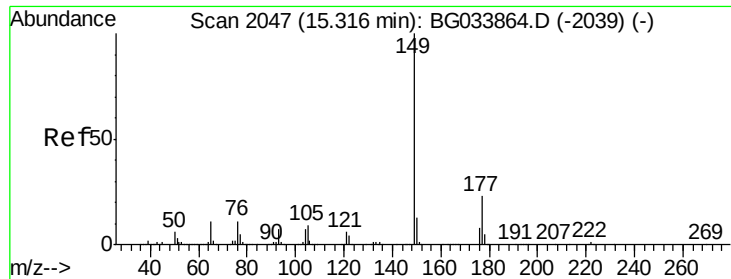
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





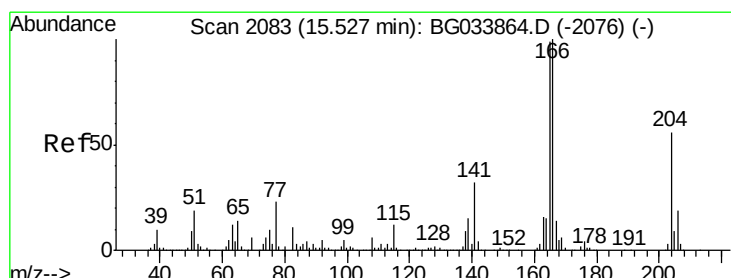
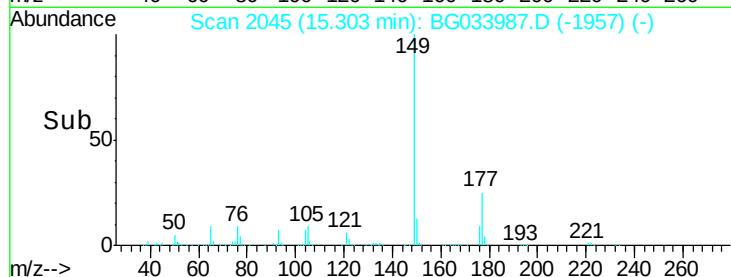
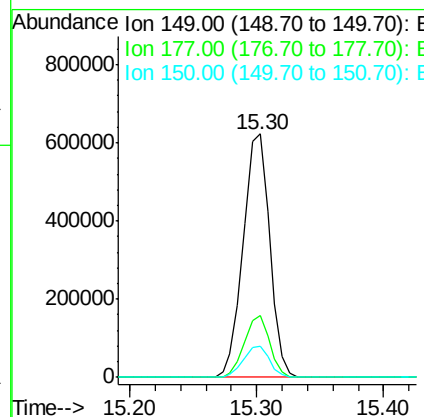
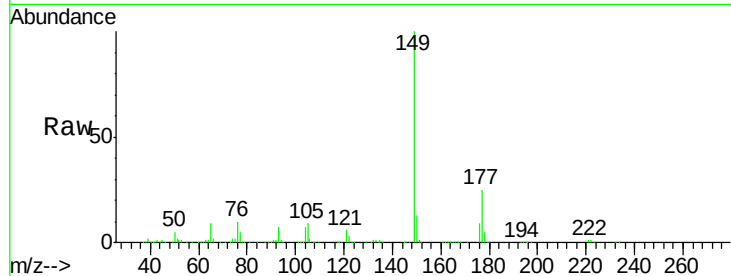
#59  
Diethylphthalate  
Concen: 42.337 ng  
RT: 15.30 min Scan# 2045  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

Instrument :  
BNA\_G  
ClientSampleId :  
KS-RO-238MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 25.4  | 18.5  | 27.7  |
| 150     | 13.0  | 10.2  | 15.2  |

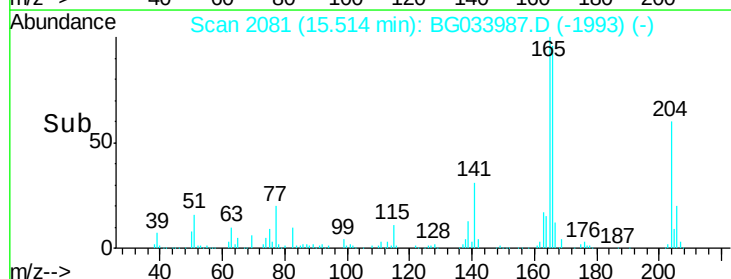
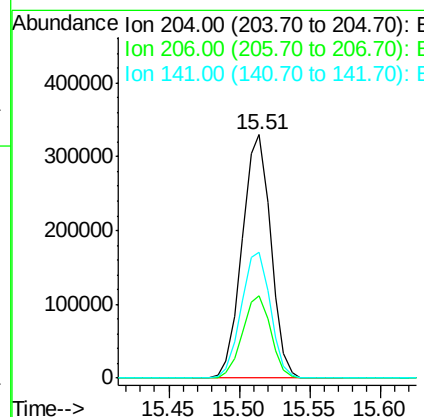
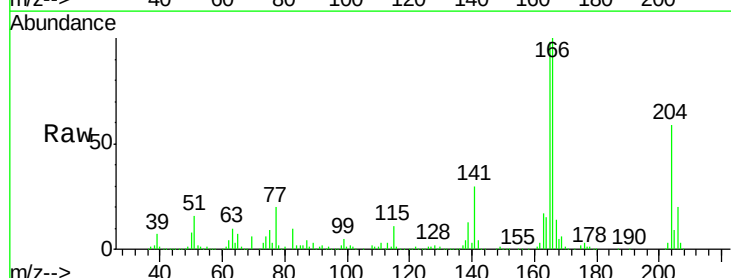
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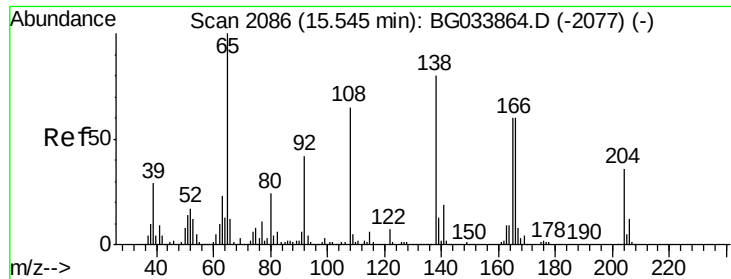
Sohil  
4/26/2018 6:16:35 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 47.371 ng  
RT: 15.51 min Scan# 2081  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.0  | 26.2  | 39.2  |
| 141     | 51.6  | 45.8  | 68.6  |





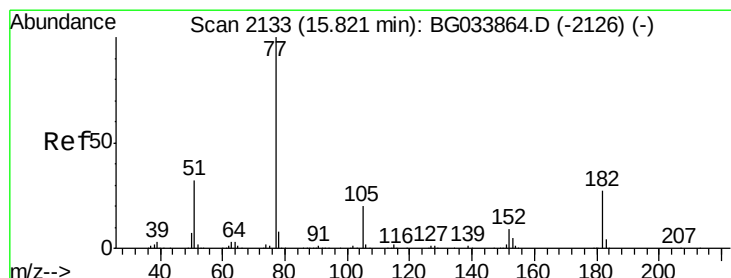
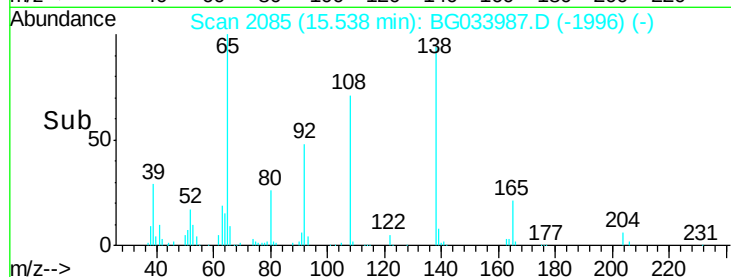
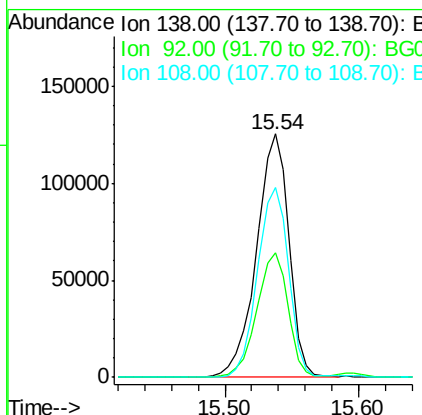
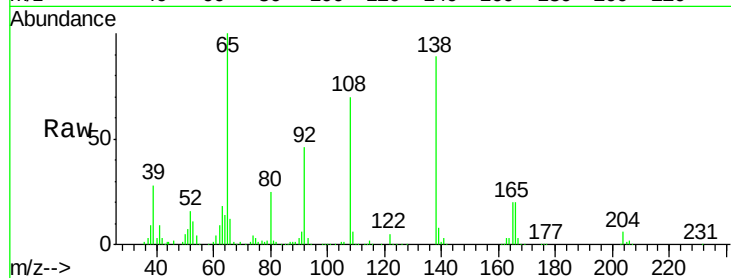
#61  
4-Nitroaniline  
Concen: 47.769 ng  
RT: 15.54 min Scan# 2085  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

Instrument :  
BNA\_G  
ClientSampleId :  
KS-RO-238MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.4  | 40.1  | 80.1  |
| 108     | 78.1  | 65.4  | 105.4 |

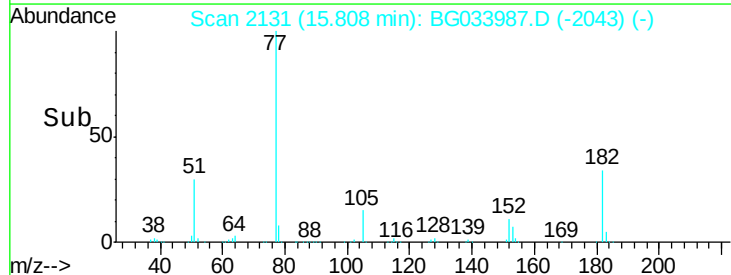
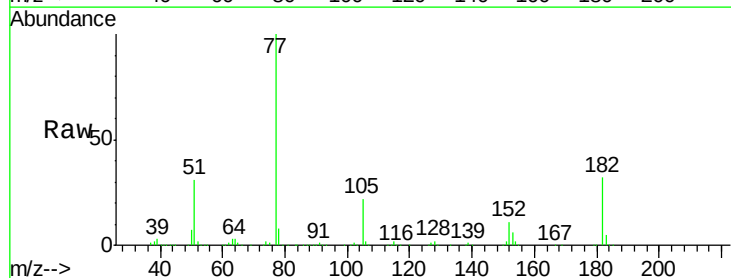
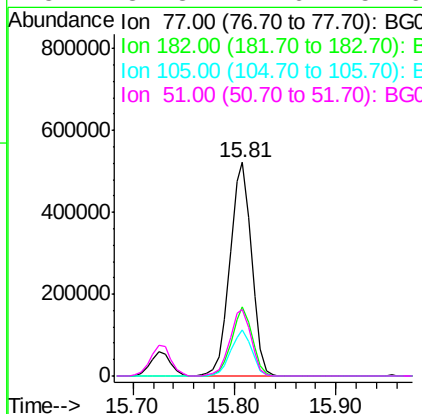
Manual Integrations  
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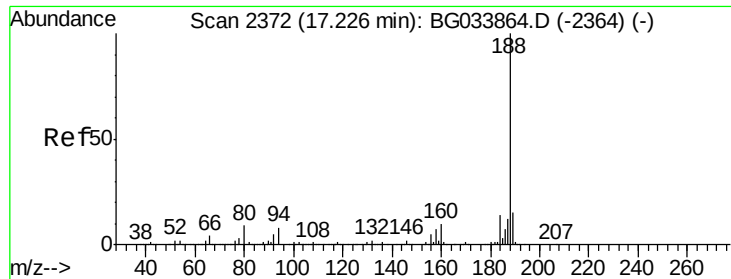
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4/26/2018 6:16:35 PM



#62  
Azobenzene  
Concen: 40.434 ng  
RT: 15.81 min Scan# 2131  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 32.4  | 7.4   | 47.4  |
| 105     | 21.6  | 0.3   | 40.3  |
| 51      | 31.3  | 11.6  | 51.6  |





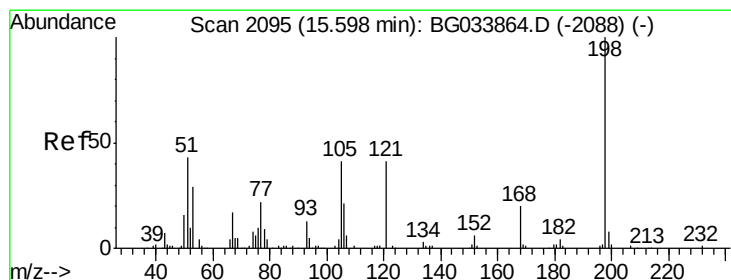
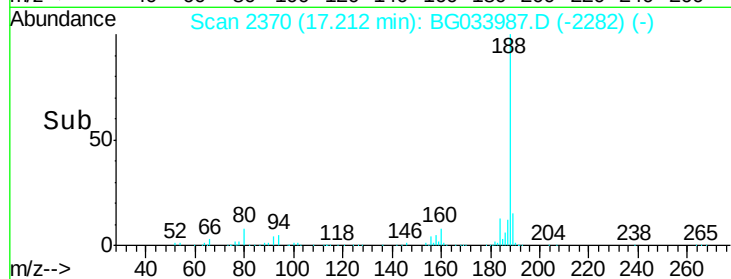
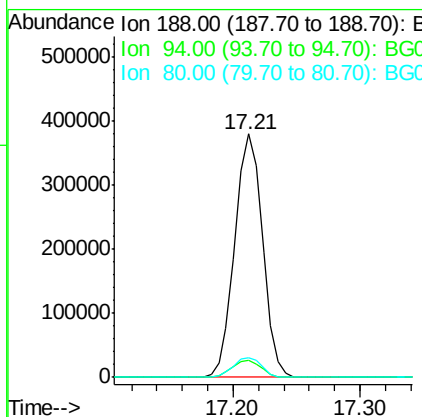
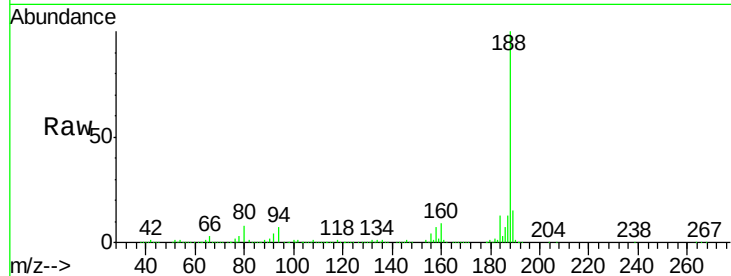
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.21 min Scan# 2370  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

Instrument :  
BNA\_G  
ClientSampleId :  
KS-RO-238MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 575344 |       |       |
| 94      | 7.2   |        | 6.9   | 10.3  |
| 80      | 8.3   |        | 7.7   | 11.5  |

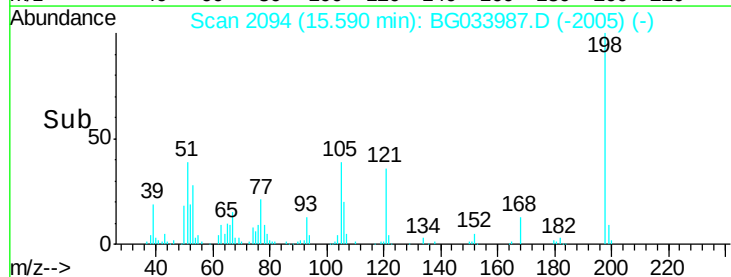
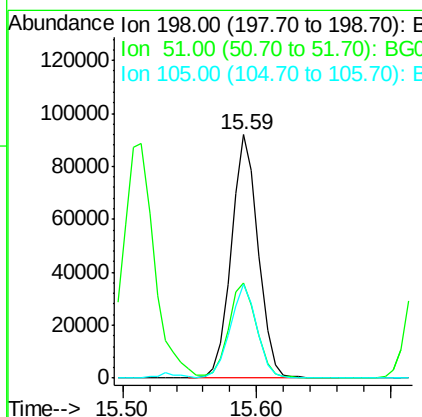
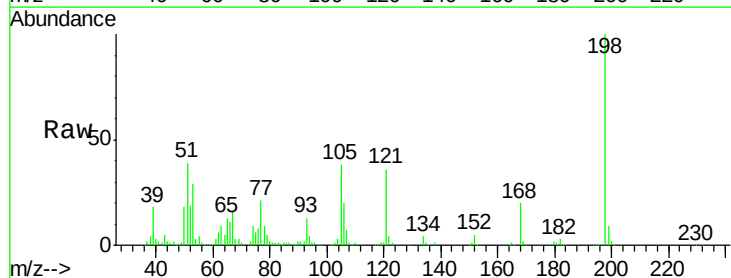
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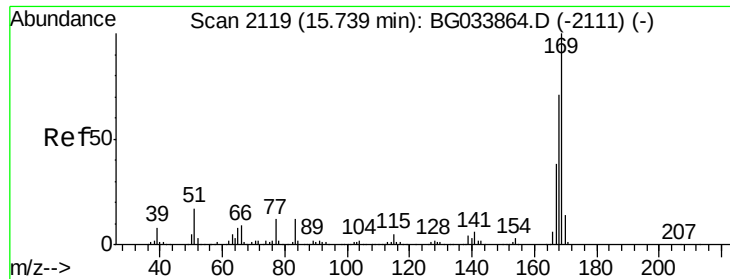
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4/26/2018 6:16:35 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 46.639 ng  
RT: 15.59 min Scan# 2094  
Delta R.T. -0.01 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 128621 |       |       |
| 51      | 39.0  |        | 30.6  | 70.6  |
| 105     | 38.3  |        | 23.8  | 63.8  |





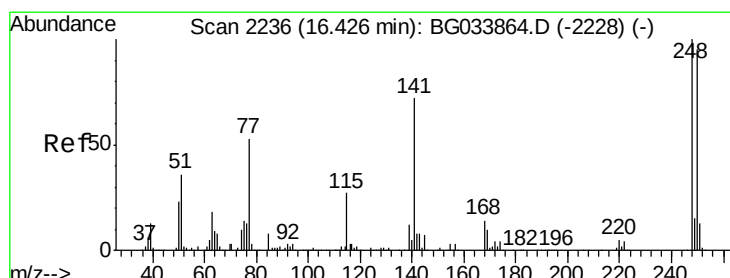
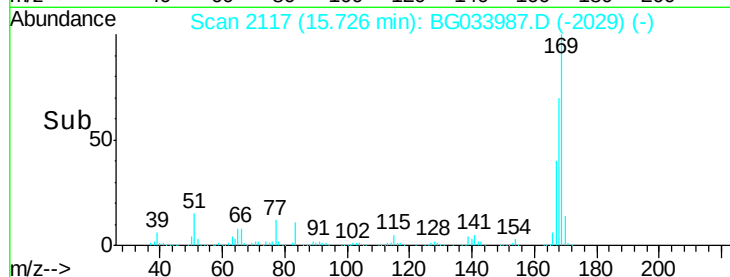
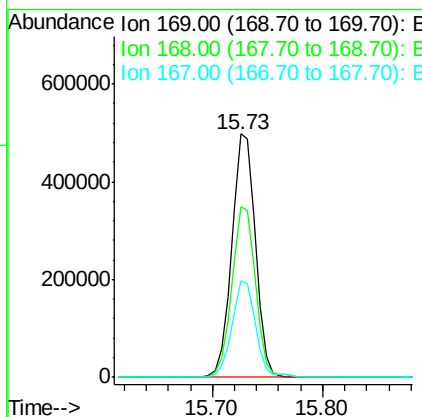
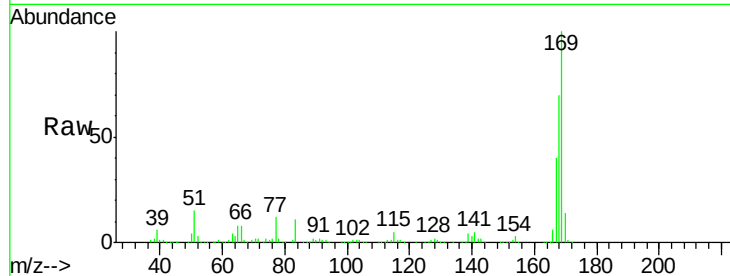
#65  
 n-Nitrosodiphenylamine  
 Concen: 44.556 ng  
 RT: 15.73 min Scan# 2117  
 Delta R.T. -0.01 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 KS-RO-238MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 70.2  | 55.7  | 83.5  |
| 167     | 39.5  | 30.1  | 45.1  |

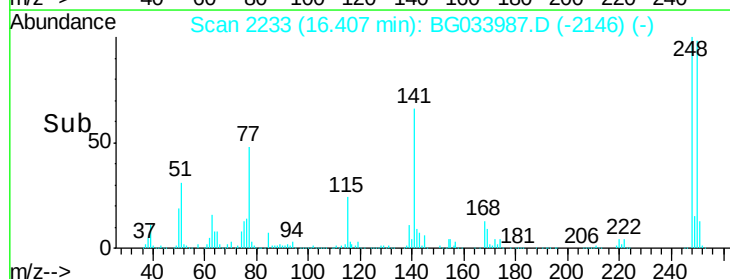
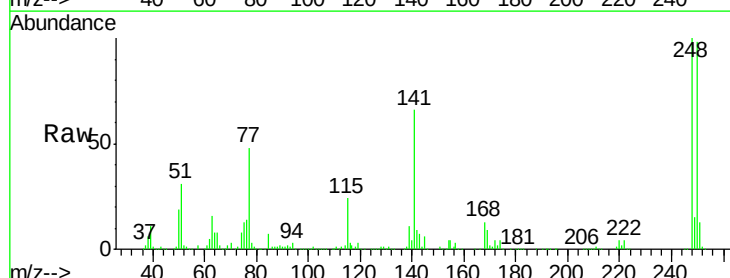
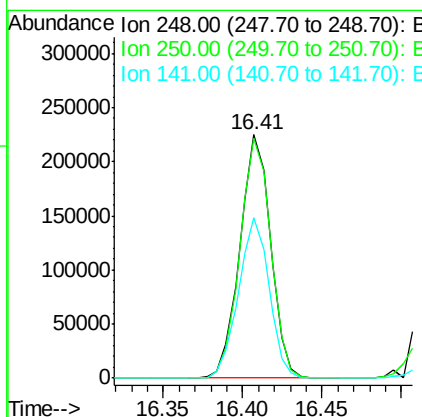
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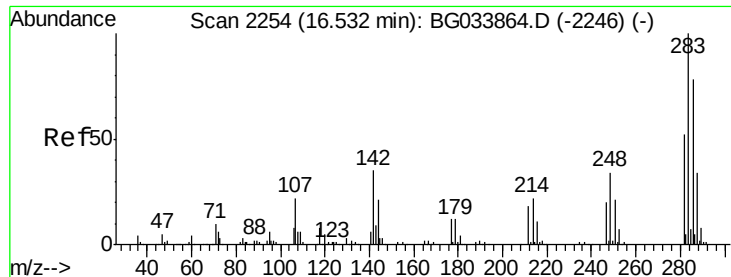
Sohil  
 4/26/2018 6:16:35 PM



#66  
 4-Bromophenyl-phenylether  
 Concen: 47.679 ng  
 RT: 16.41 min Scan# 2233  
 Delta R.T. -0.02 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.5  | 77.1  | 115.7 |
| 141     | 65.9  | 50.8  | 76.2  |





#67

Hexachlorobenzene

Concen: 47.161 ng

RT: 16.52 min Scan# 2252

Delta R.T. -0.01 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

Instrument :

BNA\_G

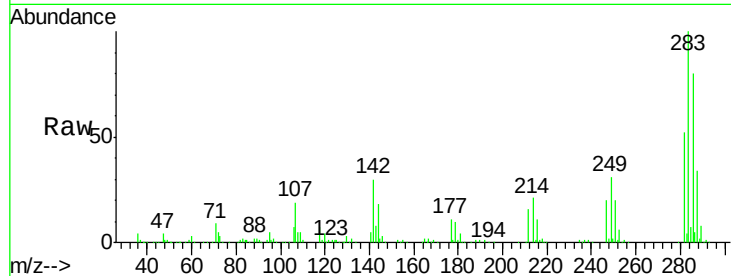
ClientSampleId :

KS-RO-238MSD

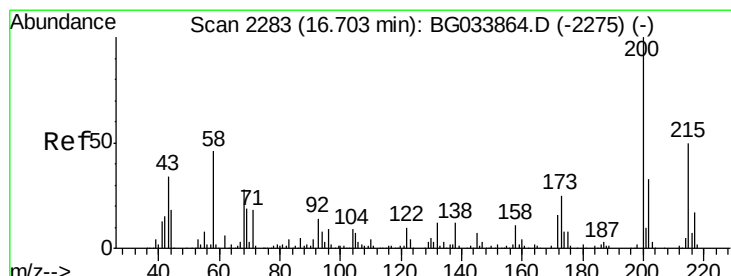
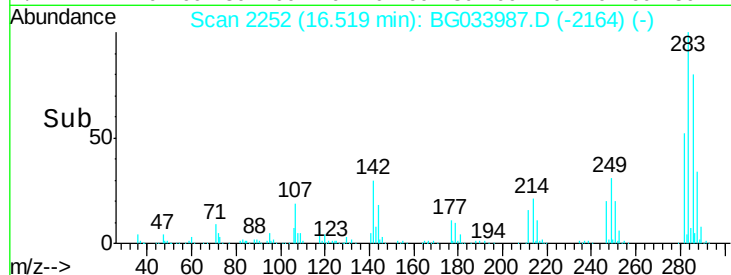
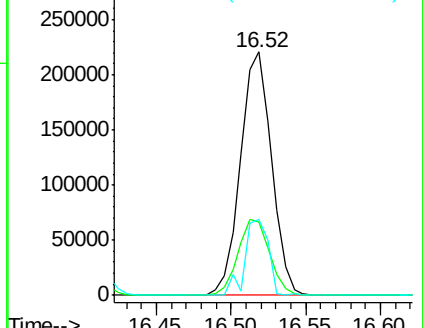
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 317789 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 30.4  | 26.8  | 40.2   |
| 249       | 33.5  | 26.3  | 39.5   |

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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



#68

Atrazine

Concen: 47.276 ng

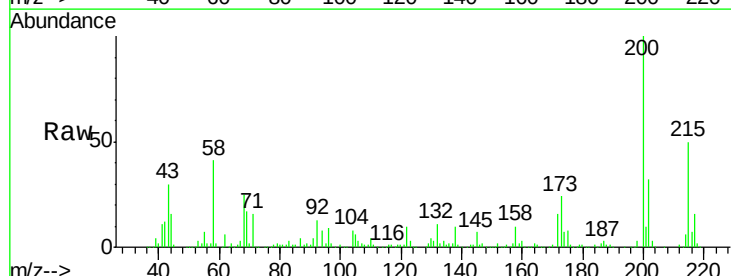
RT: 16.68 min Scan# 2280

Delta R.T. -0.02 min

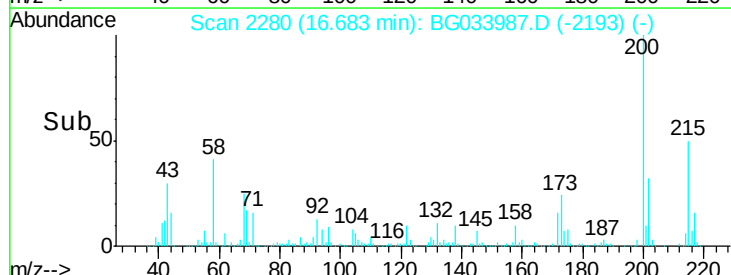
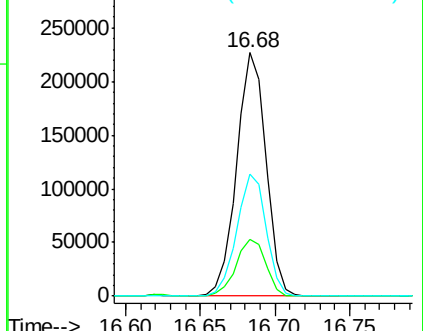
Lab File: BG033987.D

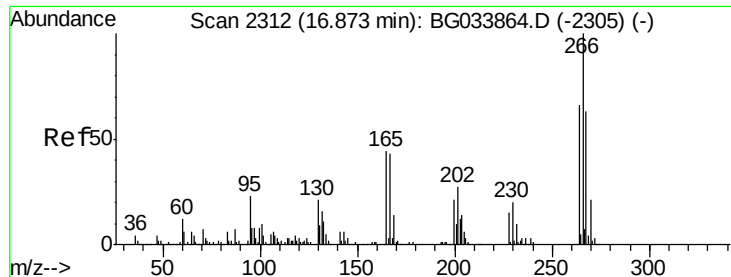
Acq: 25 Apr 2018 15:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 309797 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 23.5  | 5.2   | 45.2   |
| 215       | 50.0  | 30.4  | 70.4   |



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





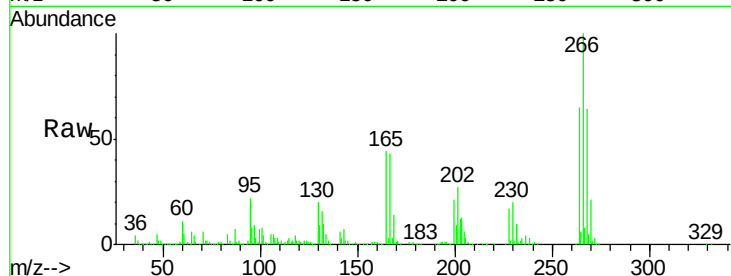
#69  
 Pentachlorophenol  
 Concen: 89.038 ng  
 RT: 16.86 min Scan# 2310  
 Delta R.T. -0.01 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 KS-RO-238MSD

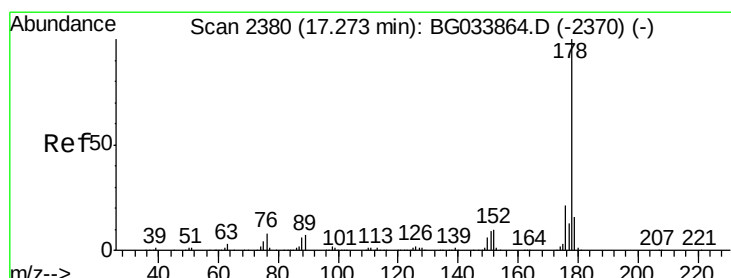
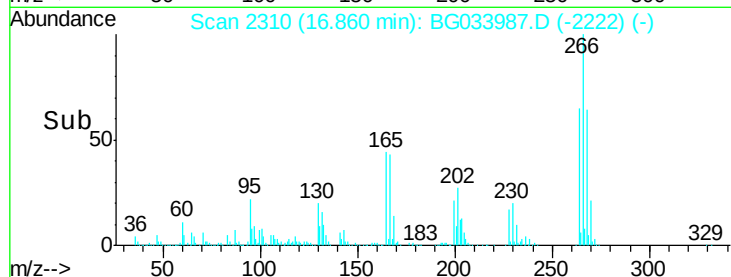
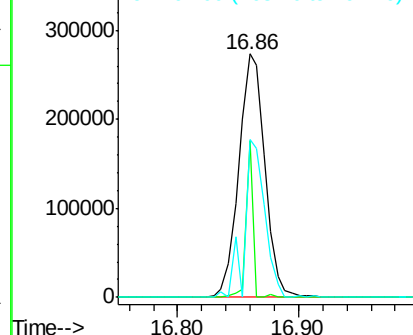
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 68.7  | 51.1  | 76.7  |
| 264     | 70.6  | 49.6  | 74.4  |

Manual Integrations  
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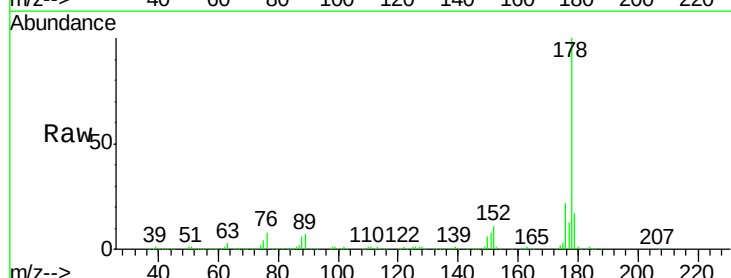


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

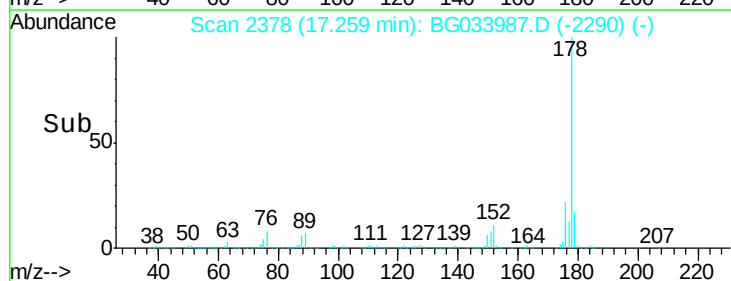
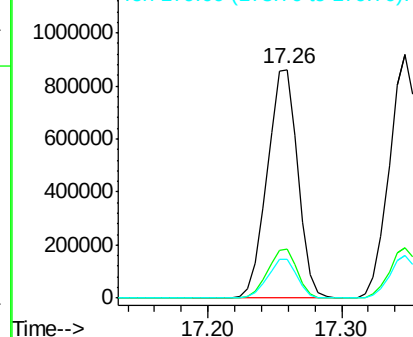


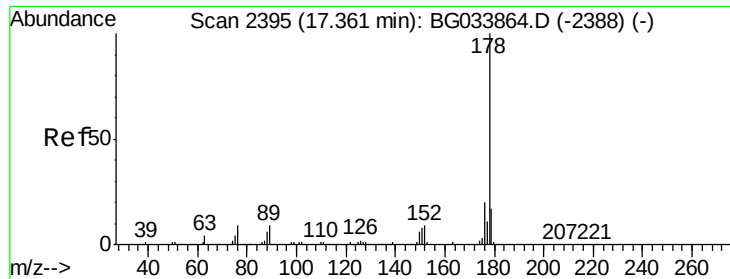
#70  
 Phenanthrene  
 Concen: 44.200 ng  
 RT: 17.26 min Scan# 2378  
 Delta R.T. -0.01 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 21.7  | 15.7  | 23.5  |
| 179     | 17.0  | 12.5  | 18.7  |



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





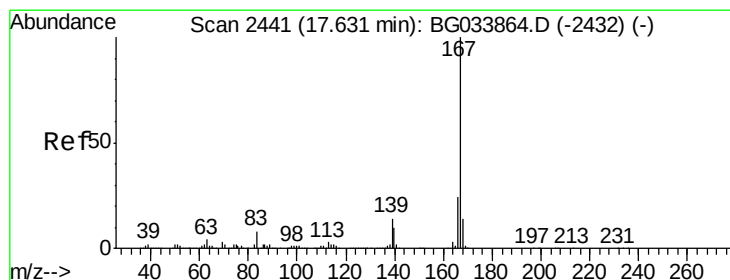
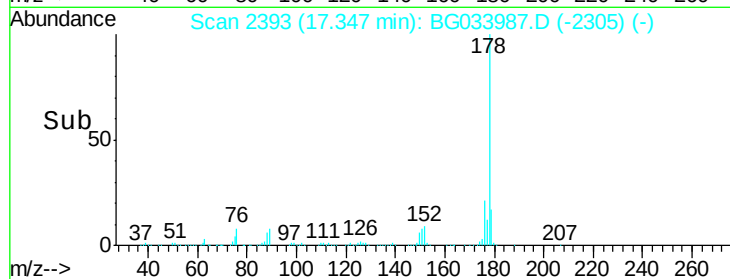
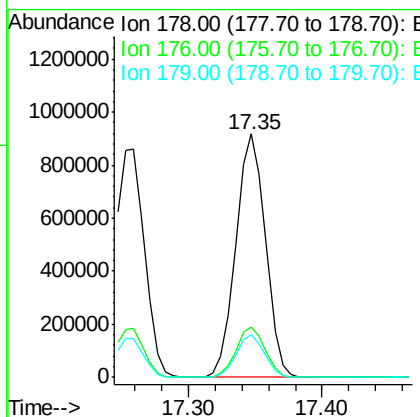
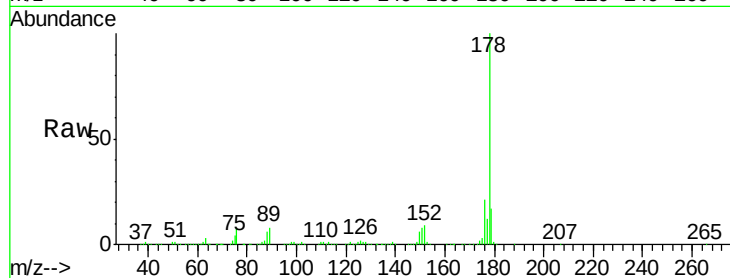
#71  
 Anthracene  
 Concen: 45.550 ng  
 RT: 17.35 min Scan# 2393  
 Delta R.T. -0.01 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 KS-RO-238MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.9  | 16.0  | 24.0  |
| 179     | 17.3  | 12.5  | 18.7  |

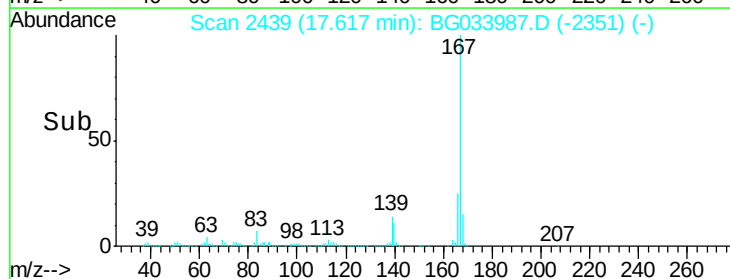
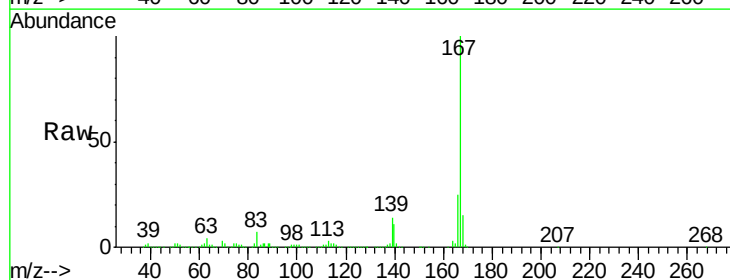
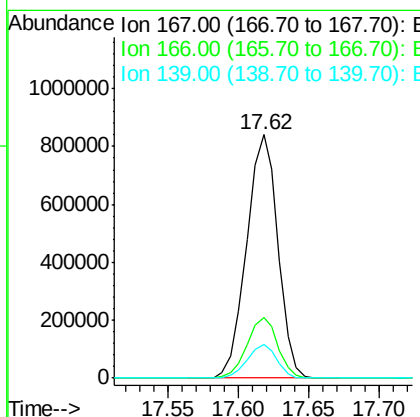
Manual Integrations  
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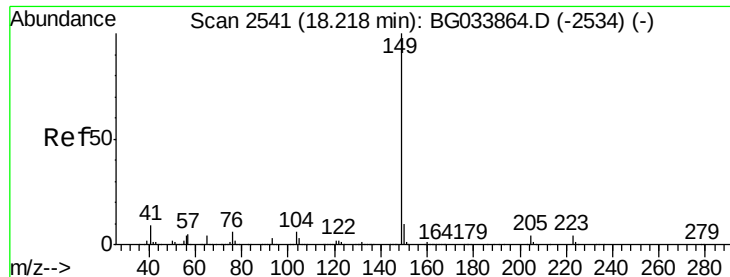


#72  
 Carbazole  
 Concen: 43.815 ng  
 RT: 17.62 min Scan# 2439  
 Delta R.T. -0.01 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 25.1  | 18.2  | 27.4  |
| 139     | 13.8  | 9.4   | 14.2  |







#73

Di-n-butylphthalate

Concen: 42.186 ng

RT: 18.20 min Scan# 2538

Delta R.T. -0.02 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

Instrument :

BNA\_G

ClientSampleId :

KS-RO-238MSD

Tot Ion:149 Resp: 1562772

Ion Ratio Lower Upper

149 100

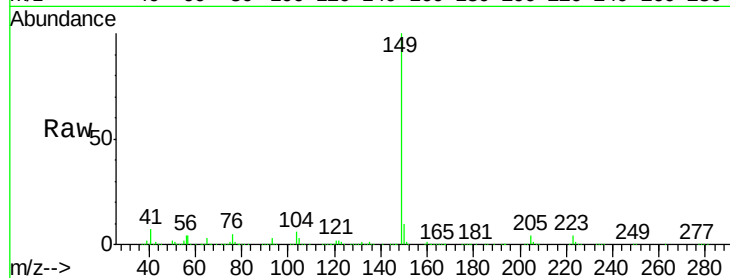
150 10.5 7.8 11.6

104 5.6 3.9 5.9

Manual Integrations  
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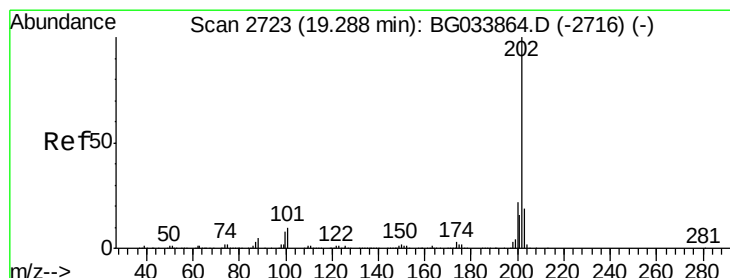
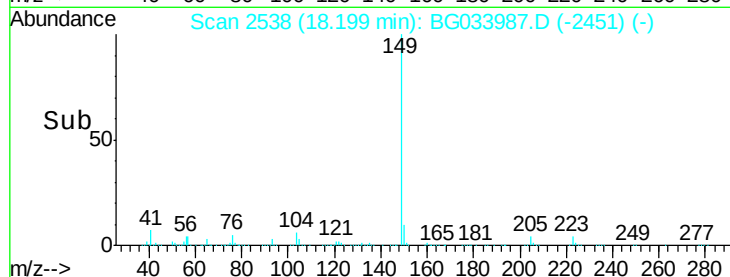
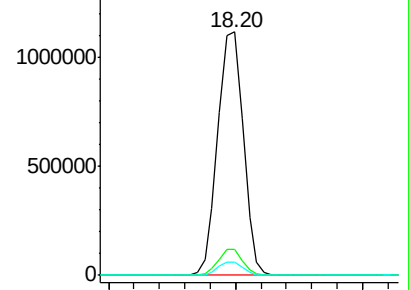
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Abundance Ion 149.00 (148.70 to 149.70): E

1500000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.667 ng

RT: 19.27 min Scan# 2721

Delta R.T. -0.01 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

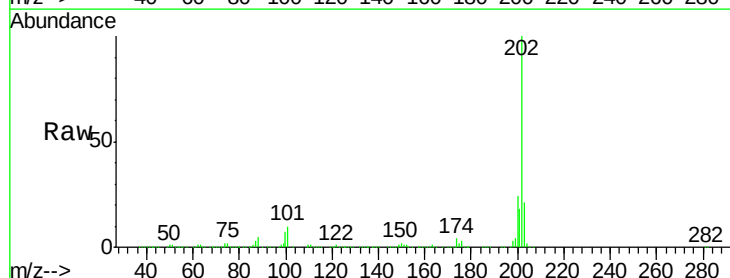
Tgt Ion:202 Resp: 1705002

Ion Ratio Lower Upper

202 100

101 9.6 0.0 28.9

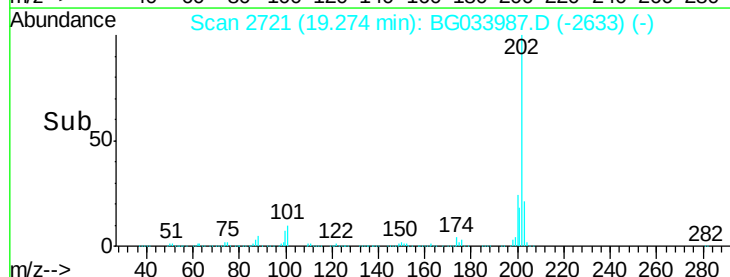
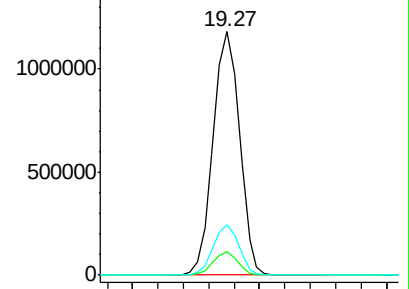
203 20.9 0.0 37.5

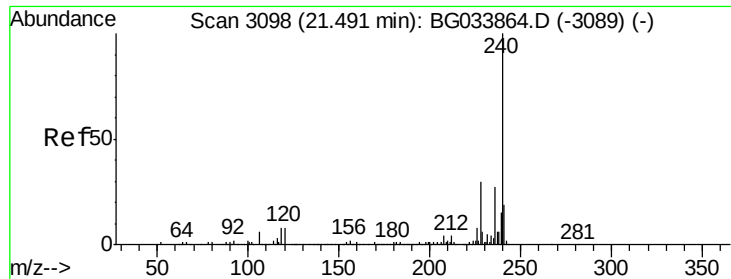


Abundance Ion 202.00 (201.70 to 202.70): E

1500000 Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.47 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

Instrument :

BNA\_G

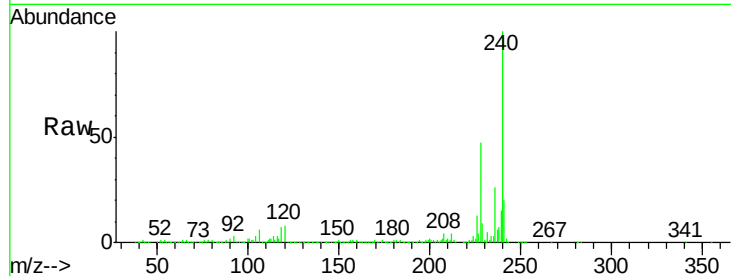
ClientSampleId :

KS-RO-238MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 601770 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 8.1   | 6.8   | 10.2   |
| 236       | 26.4  | 20.9  | 31.3   |

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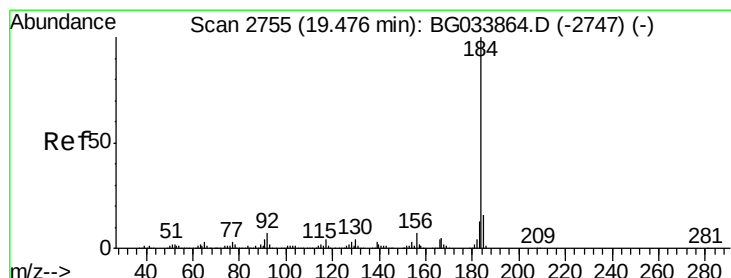
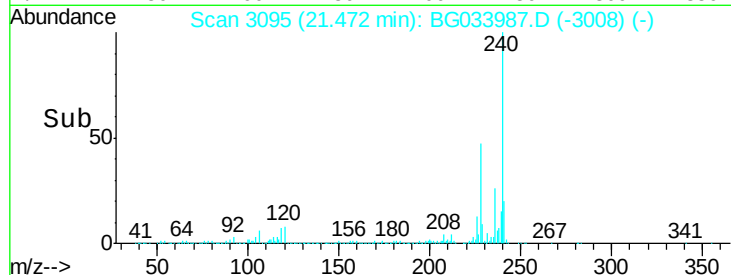
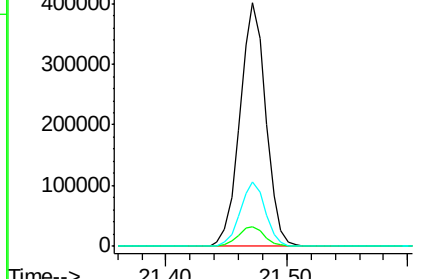
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 5.136 ng

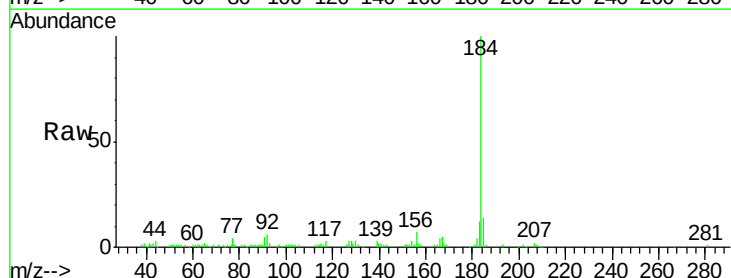
RT: 19.46 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

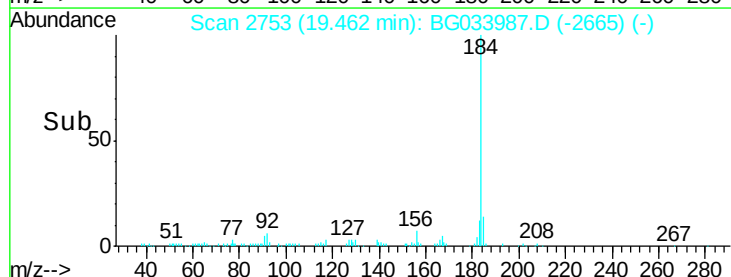
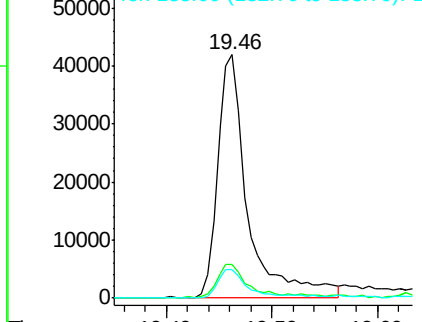
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 184   | Resp: | 83456 |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 185       | 14.6  | 11.1  | 16.7  |
| 183       | 11.8  | 10.6  | 16.0  |

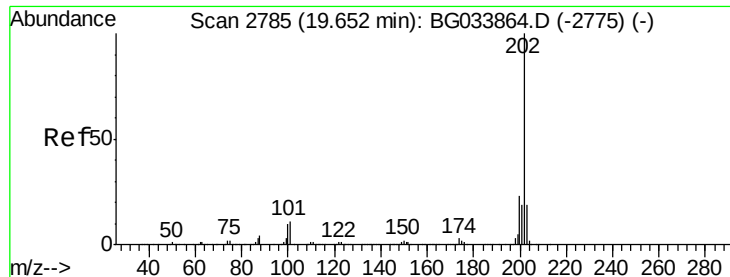


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.562 ng

RT: 19.64 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

Instrument :

BNA\_G

ClientSampleId :

KS-RO-238MSD

Tot Ion:202 Resp: 1719388

Ion Ratio Lower Upper

202 100

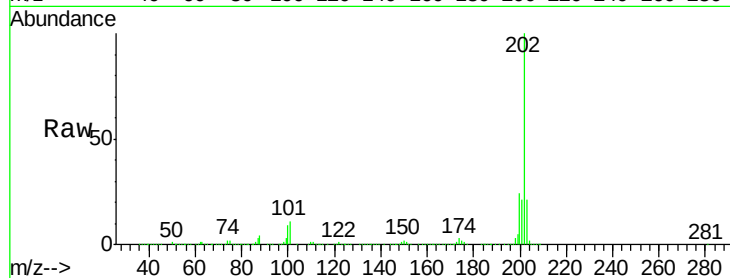
200 24.3 16.9 25.3

203 21.1 13.9 20.9#

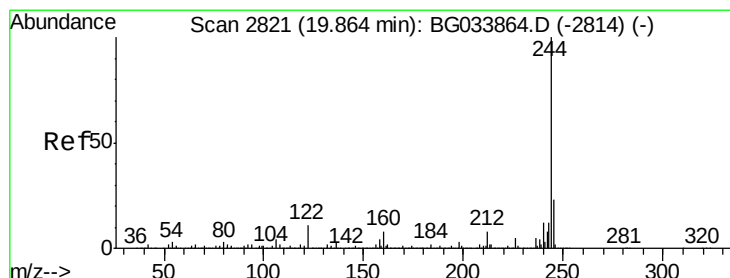
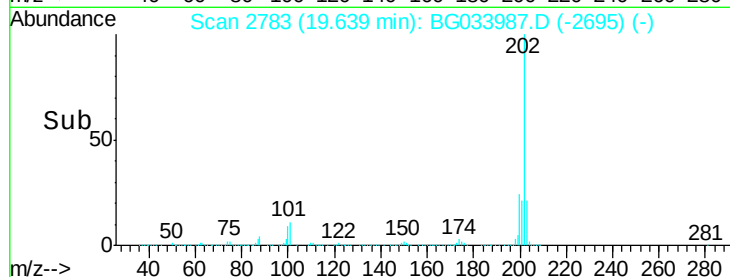
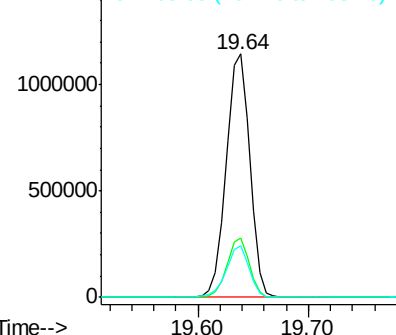
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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 88.150 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

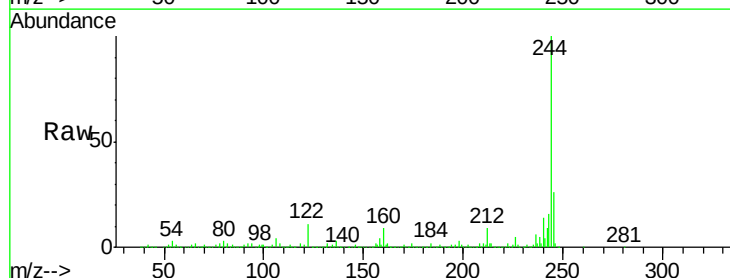
Tgt Ion:244 Resp: 2361146

Ion Ratio Lower Upper

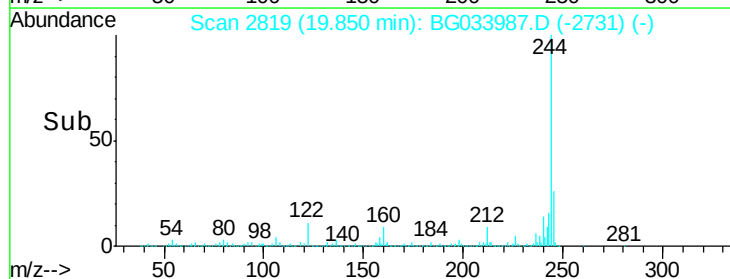
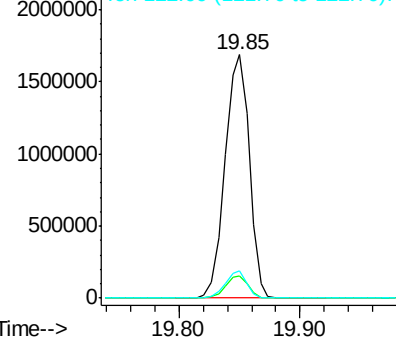
244 100

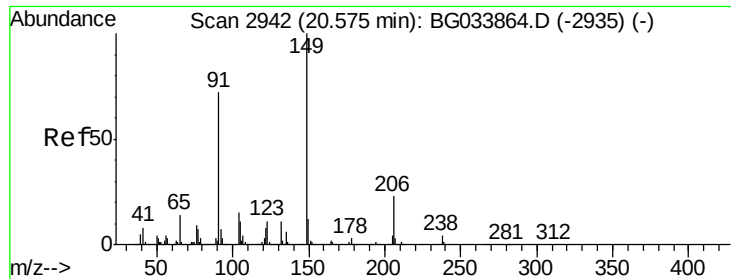
212 9.3 5.8 8.8#

122 11.1 7.0 10.4#



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





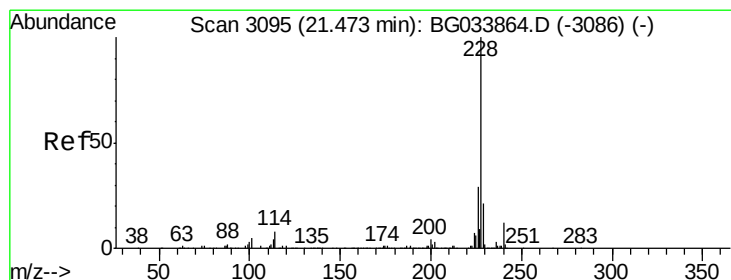
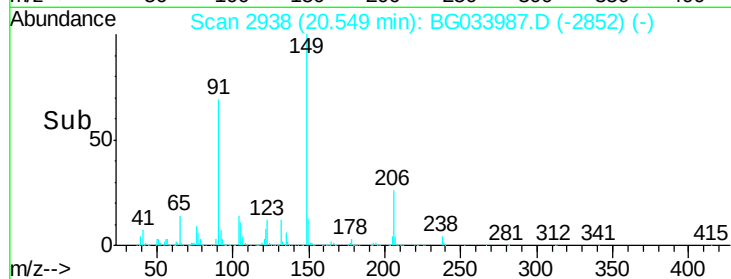
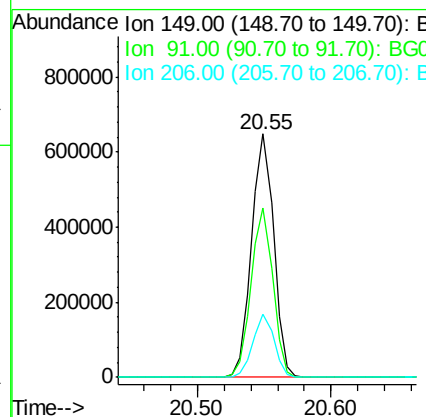
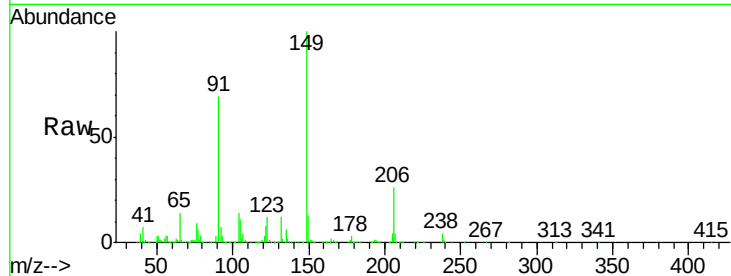
#79  
Butylbenzylphthalate  
Concen: 42.452 ng  
RT: 20.55 min Scan# 2938  
Delta R.T. -0.03 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

Instrument :  
BNA\_G  
ClientSampleId :  
KS-RO-238MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 69.3  | 62.2  | 93.2  |
| 206     | 26.2  | 18.6  | 27.8  |

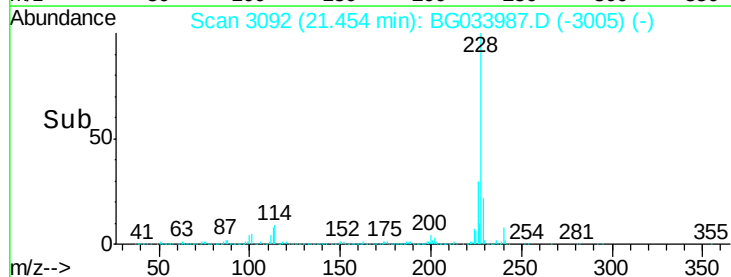
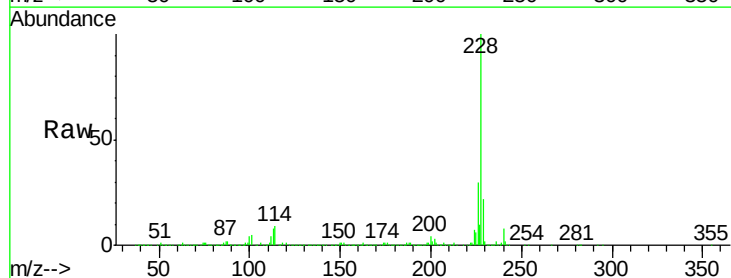
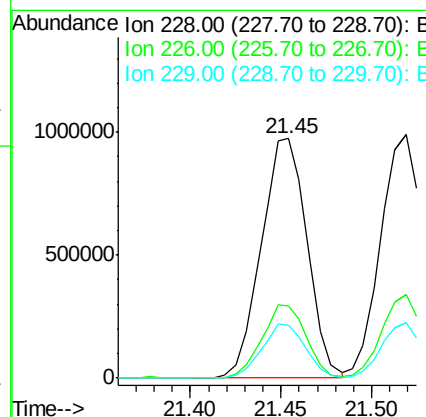
Manual Integrations  
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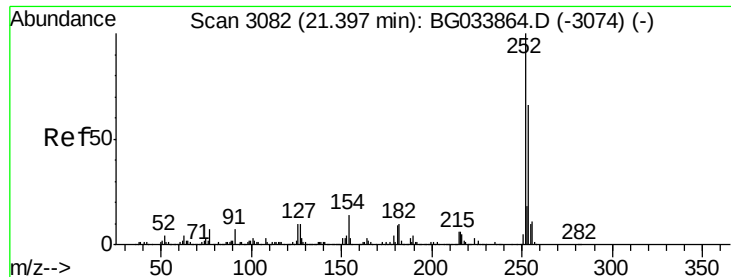
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#80  
Benzo(a)anthracene  
Concen: 45.265 ng  
RT: 21.45 min Scan# 3092  
Delta R.T. -0.02 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.3  | 22.7  | 34.1  |
| 229     | 22.3  | 16.2  | 24.2  |





#81

3,3'-Dichlorobenzidine

Concen: 25.100 ng

RT: 21.38 min Scan# 3079

Delta R.T. -0.02 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

Instrument :

BNA\_G

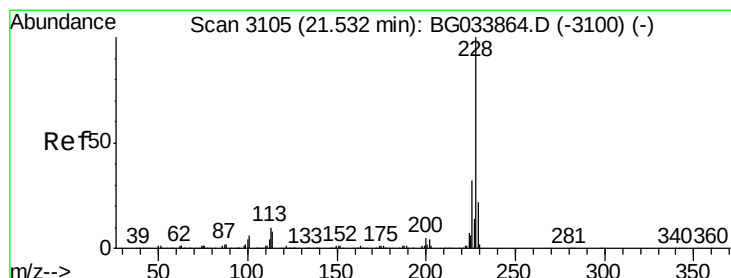
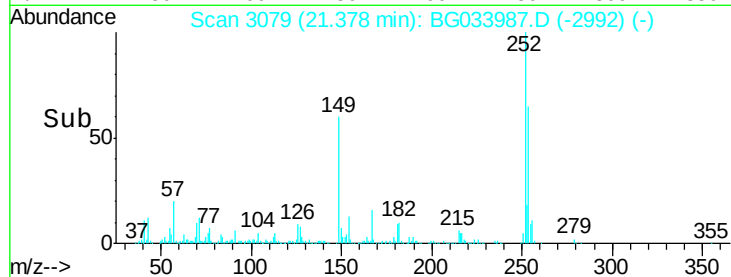
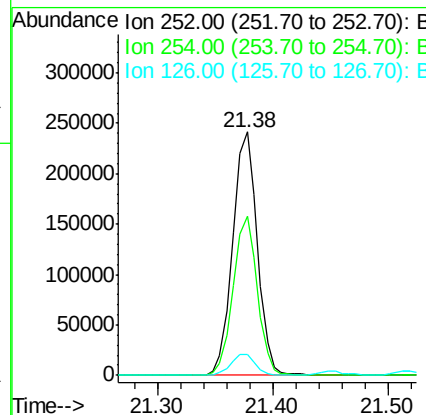
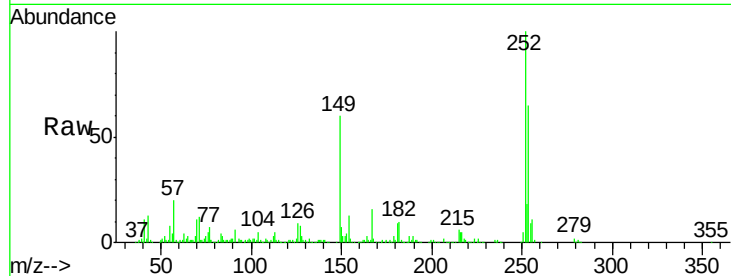
ClientSampleId :

KS-RO-238MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 252  | Resp: | 355129 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 254       | 65.2 | 50.8  | 76.2   |
| 126       | 8.8  | 7.4   | 11.2   |

Manual Integrations  
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4/26/2018 6:16:35 PM



#82

Chrysene

Concen: 44.214 ng m

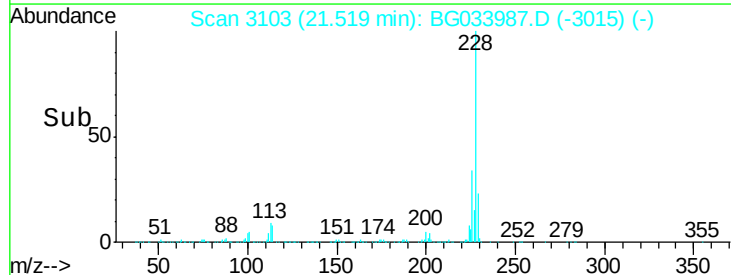
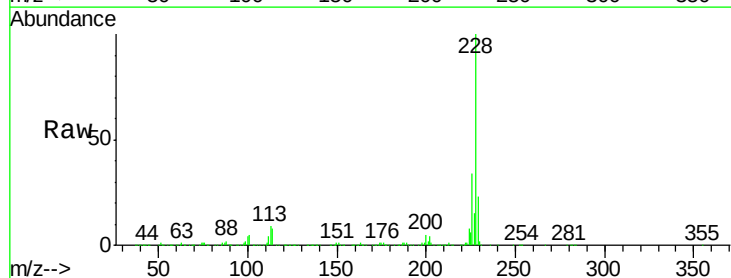
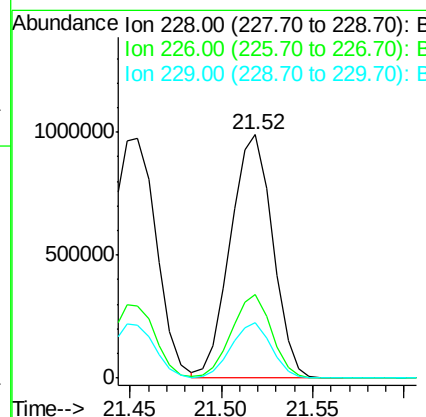
RT: 21.52 min Scan# 3103

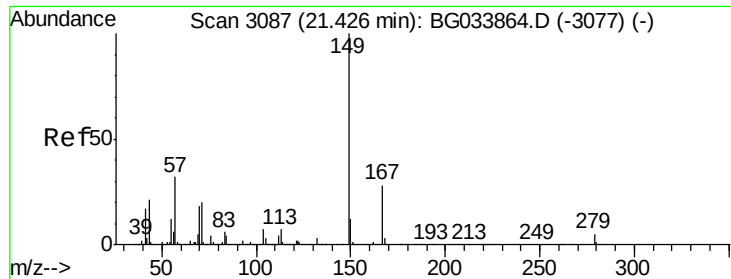
Delta R.T. -0.01 min

Lab File: BG033987.D

Acq: 25 Apr 2018 15:19

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 228  | Resp: | 1602128 |
| Ion Ratio |      | Lower | Upper   |
| 228       | 100  |       |         |
| 226       | 34.4 | 24.9  | 37.3    |
| 229       | 22.8 | 15.0  | 22.4#   |





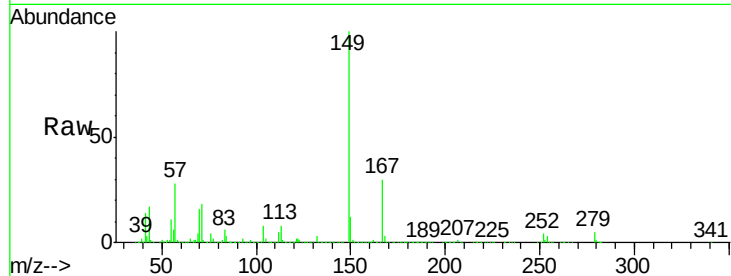
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.660 ng  
 RT: 21.40 min Scan# 3082  
 Delta R.T. -0.03 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 KS-RO-238MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.9  | 24.3  | 36.5  |
| 279     | 5.3   | 4.0   | 6.0   |

Manual Integrations  
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 4/26/2018 6:16:35 PM

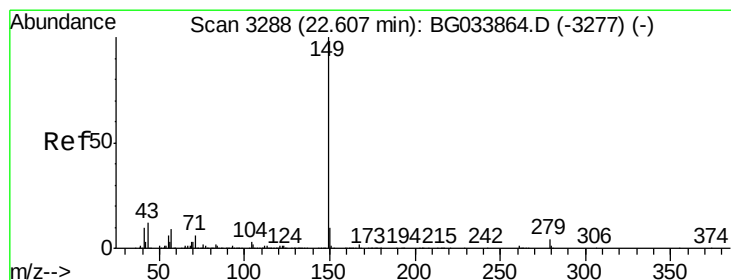
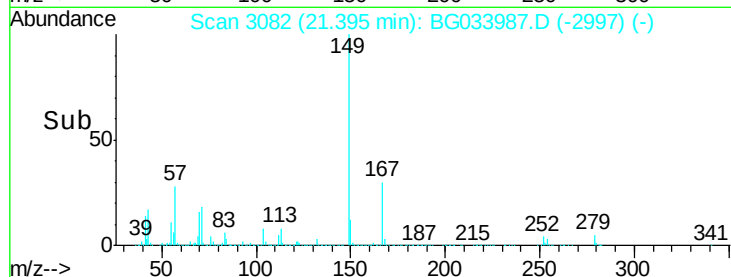
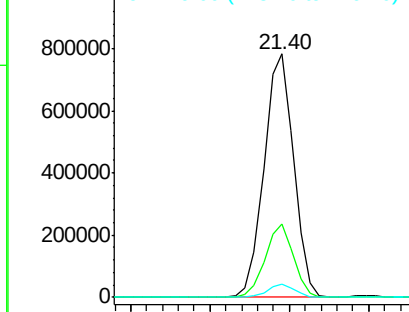


Abundance

Ion 149.00 (148.70 to 149.70): E

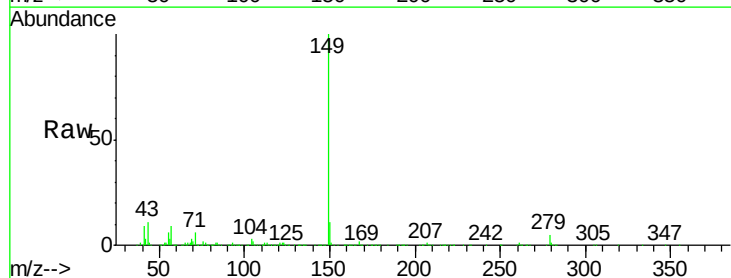
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84  
 Di-n-octyl phthalate  
 Concen: 44.577 ng  
 RT: 22.56 min Scan# 3280  
 Delta R.T. -0.05 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.8   | 1.4   | 2.0   |
| 43      | 10.6  | 8.9   | 13.3  |

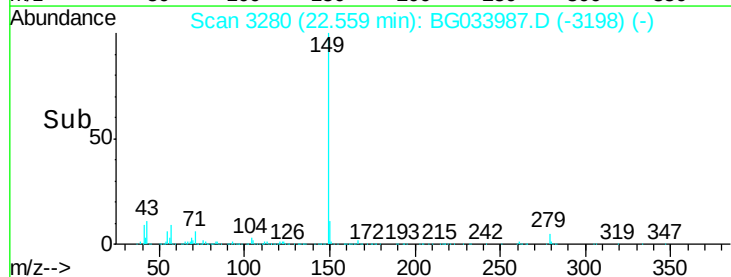
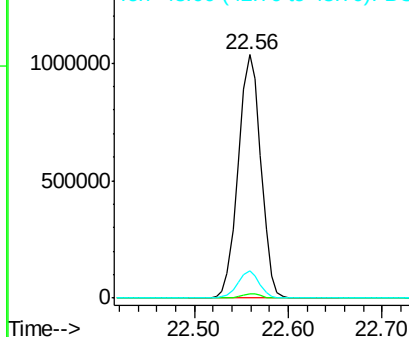


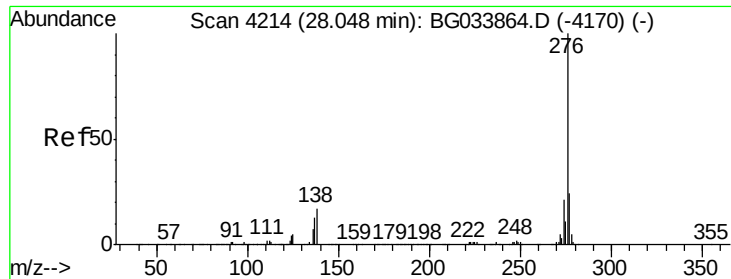
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





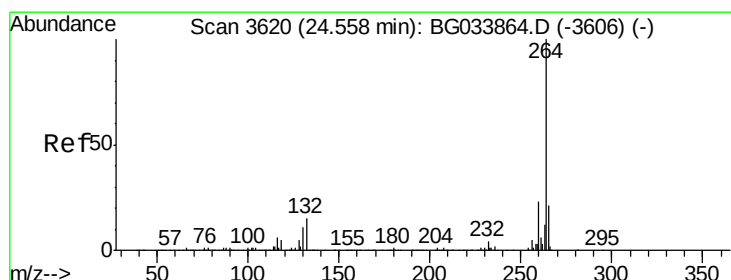
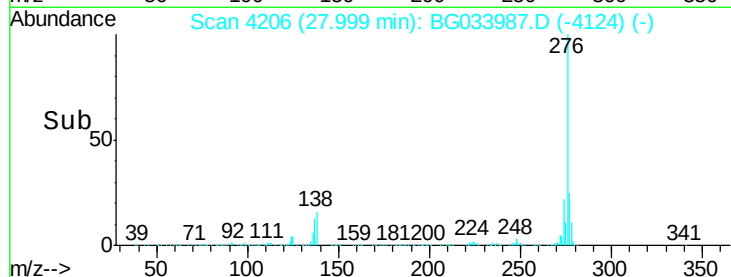
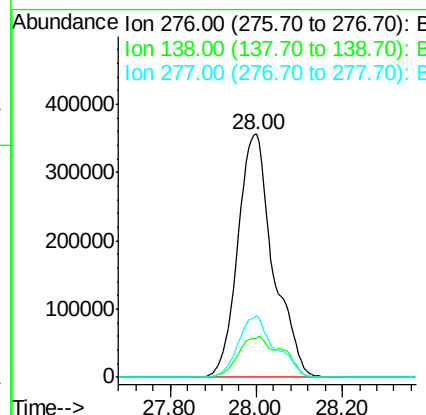
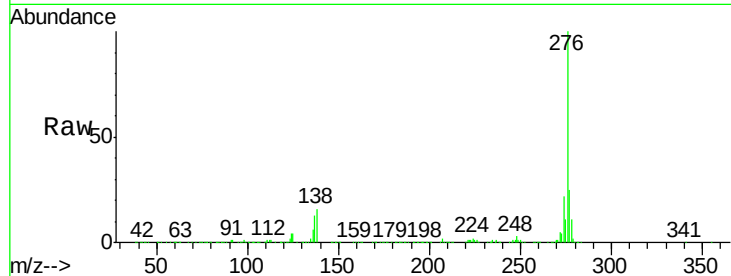
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 49.365 ng  
RT: 28.00 min Scan# 4206  
Delta R.T. -0.05 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

Instrument :  
BNA\_G  
ClientSampleId :  
KS-RO-238MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 14.8  | 16.0  | 24.0# |
| 277     | 26.2  | 20.0  | 30.0  |

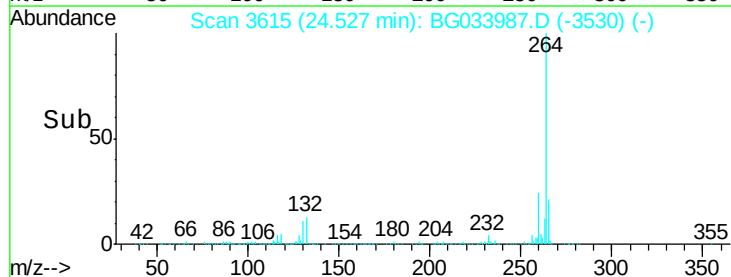
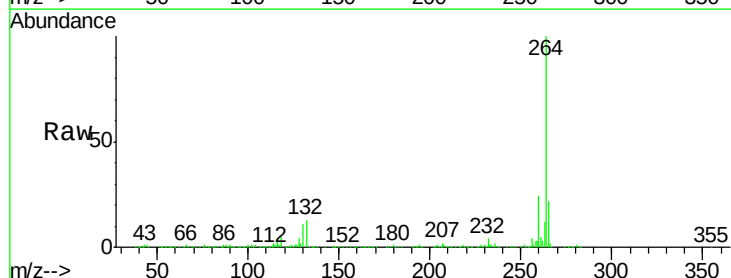
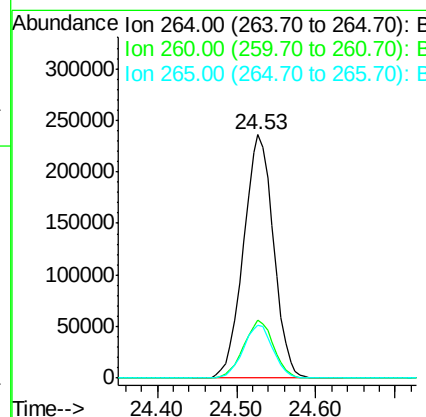
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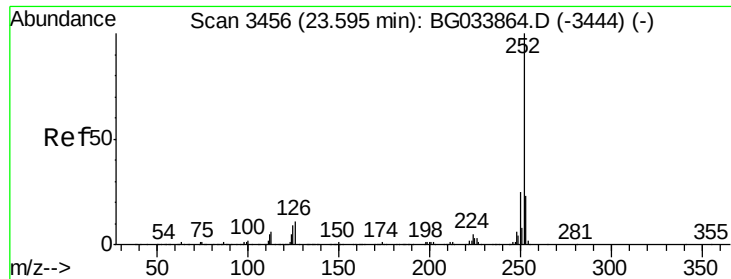
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.53 min Scan# 3615  
Delta R.T. -0.03 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 17.4  | 26.0  |
| 265     | 21.5  | 17.7  | 26.5  |





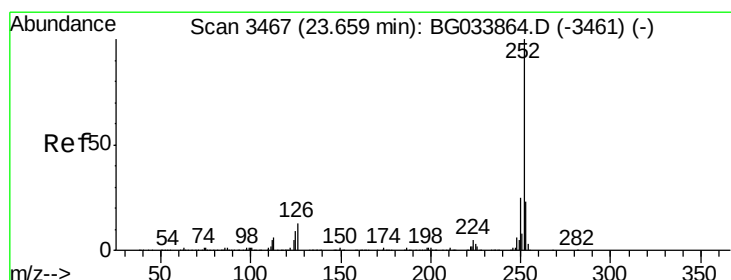
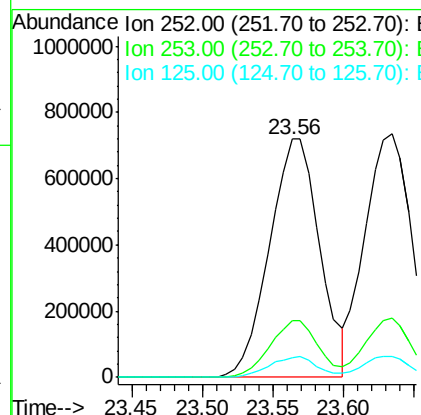
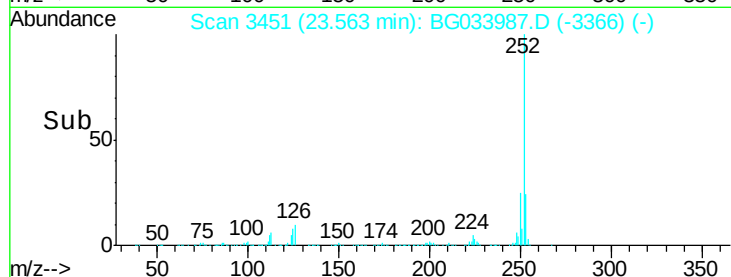
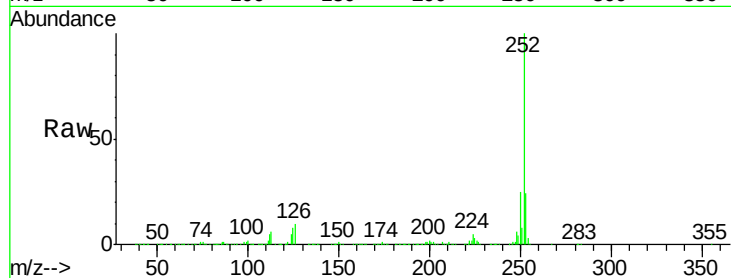
#87  
Benzo(b)fluoranthene  
Concen: 47.318 ng  
RT: 23.56 min Scan# 3451  
Delta R.T. -0.03 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

Instrument :  
BNA\_G  
ClientSampleId :  
KS-RO-238MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.9  | 18.2  | 27.4  |
| 125     | 8.1   | 7.2   | 10.8  |

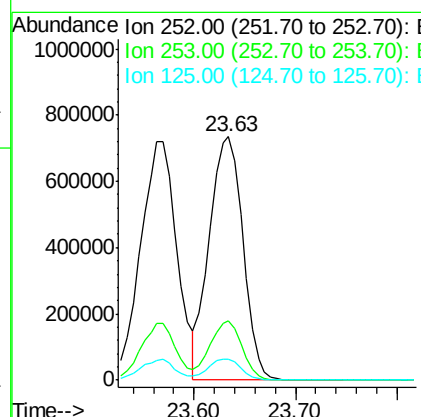
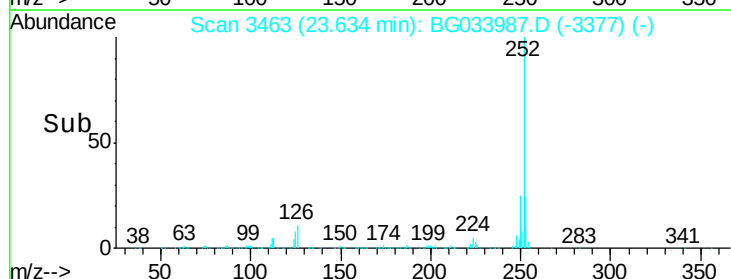
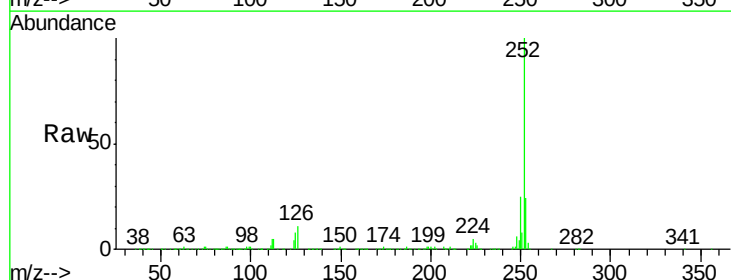
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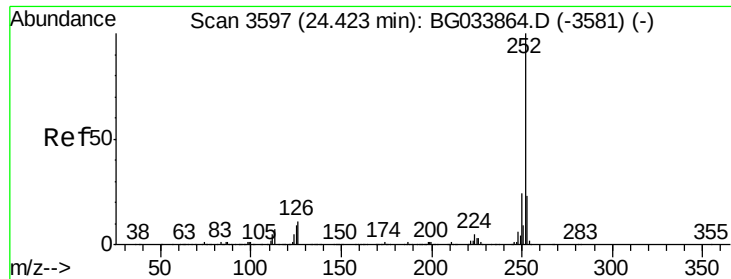


#88  
Benzo(k)fluoranthene  
Concen: 44.993 ng  
RT: 23.63 min Scan# 3463  
Delta R.T. -0.03 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.2  | 17.4  | 26.2  |
| 125     | 8.4   | 6.6   | 9.8   |







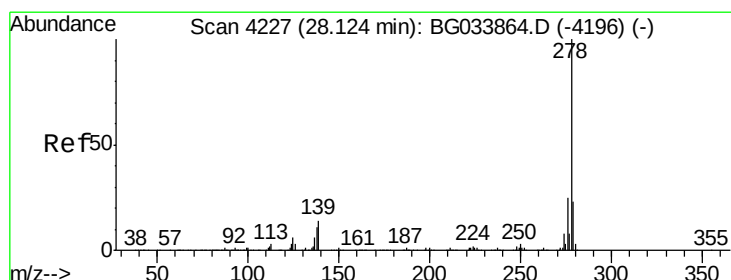
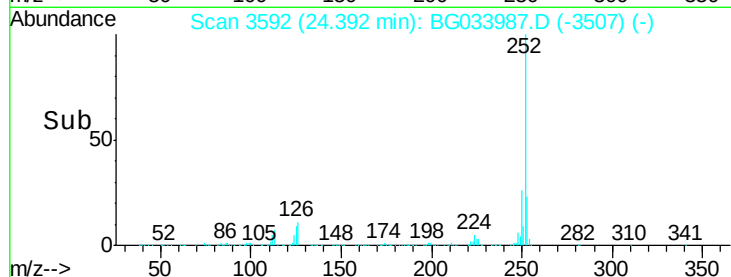
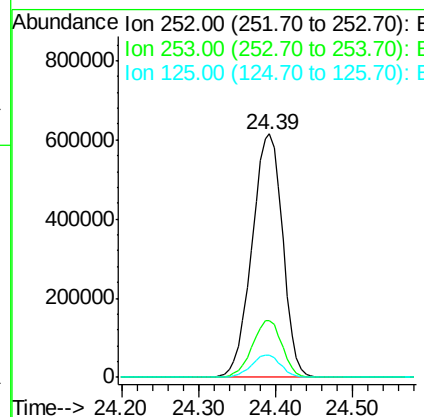
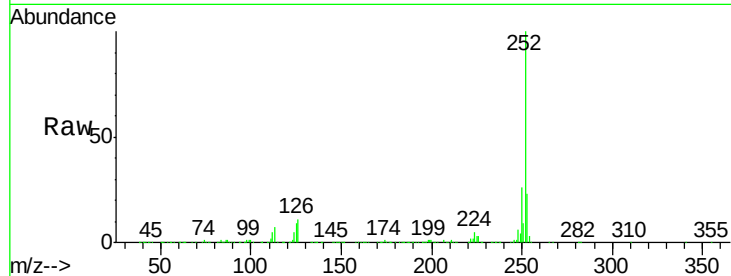
#89  
Benzo(a)pyrene  
Concen: 47.435 ng  
RT: 24.39 min Scan# 3592  
Delta R.T. -0.03 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

Instrument :  
BNA\_G  
ClientSampleId :  
KS-RO-238MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.2  | 18.3  | 27.5  |
| 125     | 9.1   | 7.3   | 10.9  |

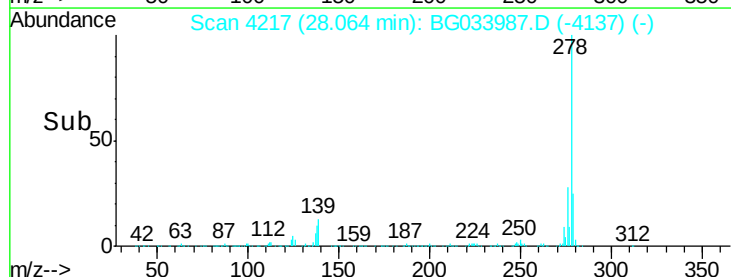
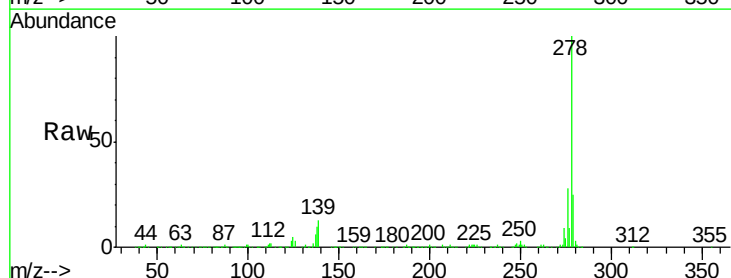
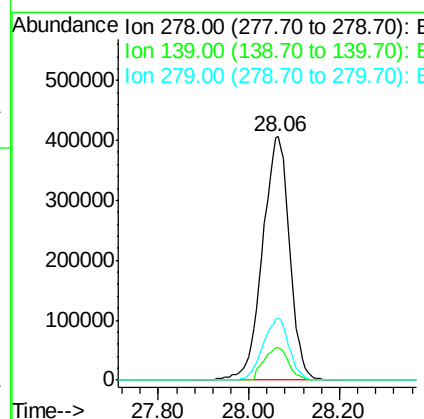
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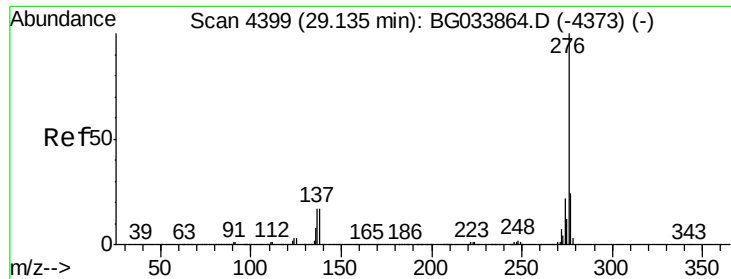
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#90  
Dibenzo(a,h)anthracene  
Concen: 48.057 ng  
RT: 28.06 min Scan# 4217  
Delta R.T. -0.06 min  
Lab File: BG033987.D  
Acq: 25 Apr 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 13.5  | 9.8   | 14.6  |
| 279     | 25.2  | 18.4  | 27.6  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 48.681 ng  
 RT: 29.08 min Scan# 4390  
 Delta R.T. -0.05 min  
 Lab File: BG033987.D  
 Acq: 25 Apr 2018 15:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 KS-RO-238MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.3  | 18.3  | 27.5  |
| 138     | 17.7  | 13.9  | 20.9  |

Manual Integrations  
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