

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102516\  
 Data File : BG024505.D  
 Acq On : 25 Oct 2016 20:09  
 Operator : UM/SJ  
 Sample : PB94296BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB94296BSD

Manual Integrations  
 APPROVED

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 10/26/2016 4:51:13 PM

Quant Time: Oct 26 11:30:57 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 26 11:14:13 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.27  | 152  | 102883   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.10 | 136  | 407405   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.89 | 164  | 331068   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.63 | 188  | 776269   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.93 | 240  | 1073588  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.36 | 264  | 1147983  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.80  | 112 | 530495  | 84.51 | ng | 0.00 |
| 7) Phenol-d6             | 7.40  | 99  | 736887  | 85.58 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.45  | 82  | 778188  | 86.97 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.37 | 330 | 438769  | 88.71 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.51 | 172 | 1639877 | 82.33 | ng | 0.00 |
| 78) Terphenyl-d14        | 20.21 | 244 | 3042008 | 84.67 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.67  | 88  | 91127   | 35.53  | ng | 98     |
| 3) Pyridine                    | 4.07  | 79  | 285251  | 37.15  | ng | 88     |
| 4) n-Nitrosodimethylamine      | 3.99  | 42  | 164577  | 41.40  | ng | 94     |
| 6) Aniline                     | 7.59  | 93  | 289719  | 26.56  | ng | 96     |
| 8) 2-Chlorophenol              | 7.83  | 128 | 287135  | 44.99  | ng | 96     |
| 9) Benzaldehyde                | 7.41  | 77  | 70156   | 13.18  | ng | 92     |
| 10) Phenol                     | 7.43  | 94  | 413552  | 46.59  | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.68  | 93  | 289104  | 43.36  | ng | 91     |
| 12) 1,3-Dichlorobenzene        | 8.16  | 146 | 317573  | 40.19  | ng | 93     |
| 13) 1,4-Dichlorobenzene        | 8.31  | 146 | 338657  | 43.40  | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.63  | 146 | 315206  | 42.01  | ng | 94     |
| 15) Benzyl Alcohol             | 8.50  | 79  | 349489  | 43.63  | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.79  | 45  | 495459  | 40.05  | ng | 95     |
| 17) 2-Methylphenol             | 8.69  | 107 | 277390  | 47.16  | ng | 94     |
| 18) Hexachloroethane           | 9.36  | 117 | 128752  | 42.92  | ng | 88     |
| 19) n-Nitroso-di-n-propylamine | 9.07  | 70  | 279749  | 44.08  | ng | 91     |
| 20) 3+4-Methylphenols          | 9.02  | 107 | 375249  | 47.52  | ng | 93     |
| 22) Acetophenone               | 9.09  | 105 | 472642  | 45.16  | ng | # 93   |
| 24) Nitrobenzene               | 9.49  | 77  | 435199  | 43.72  | ng | 95     |
| 25) Isophorone                 | 10.00 | 82  | 770513  | 46.29  | ng | 98     |
| 26) 2-Nitrophenol              | 10.20 | 139 | 164903  | 44.63  | ng | 98     |
| 27) 2,4-Dimethylphenol         | 10.24 | 122 | 316510  | 48.93  | ng | 89     |
| 28) bis(2-Chloroethoxy)methane | 10.49 | 93  | 403728  | 46.88  | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.73 | 162 | 331356  | 48.81  | ng | 91     |
| 30) 1,2,4-Trichlorobenzene     | 10.96 | 180 | 347864  | 43.19  | ng | 95     |
| 31) Naphthalene                | 11.15 | 128 | 875817  | 43.10  | ng | 98     |
| 32) Benzoic acid               | 10.35 | 122 | 216140  | 40.12  | ng | 94     |
| 33) 4-Chloroaniline            | 11.25 | 127 | 180112  | 20.41  | ng | # 92   |
| 34) Hexachlorobutadiene        | 11.42 | 225 | 259603  | 41.19  | ng | 95     |
| 35) Caprolactam                | 12.01 | 113 | 125368m | 50.44  | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.34 | 107 | 400750  | 48.90  | ng | 95     |
| 37) 2-Methylnaphthalene        | 12.74 | 142 | 658663  | 44.42  | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.09 | 216 | 450037  | 40.30  | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 13.07 | 237 | 644976  | 102.57 | ng | 95     |

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Manual Integrations  
 APPROVED

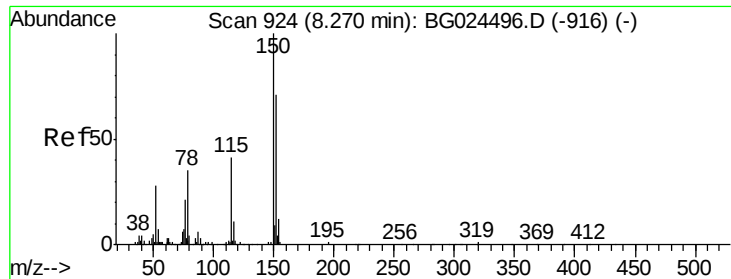
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 10/26/2016 4:51:13 PM

Quant Time: Oct 26 11:30:57 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 26 11:14:13 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.32 | 196  | 318274   | 47.42  | ng    | 94       |
| 43) 2,4,5-Trichlorophenol      | 13.40 | 196  | 326910   | 45.05  | ng    | 98       |
| 45) 1,1'-Biphenyl              | 13.72 | 154  | 931161   | 40.53  | ng    | 97       |
| 46) 2-Chloronaphthalene        | 13.78 | 162  | 757002   | 43.27  | ng    | 97       |
| 47) 2-Nitroaniline             | 13.97 | 65   | 327418   | 45.71  | ng    | 95       |
| 48) Acenaphthylene             | 14.62 | 152  | 1143352  | 42.62  | ng    | 98       |
| 49) Dimethylphthalate          | 14.33 | 163  | 1066904  | 45.39  | ng    | 97       |
| 50) 2,6-Dinitrotoluene         | 14.46 | 165  | 241267   | 48.08  | ng    | 92       |
| 51) Acenaphthene               | 14.95 | 154  | 758238   | 37.91  | ng    | 100      |
| 52) 3-Nitroaniline             | 14.79 | 138  | 131122   | 25.25  | ng    | 95       |
| 53) 2,4-Dinitrophenol          | 14.99 | 184  | 369433   | 101.60 | ng    | 94       |
| 54) Dibenzofuran               | 15.29 | 168  | 1226216  | 44.35  | ng    | 99       |
| 55) 4-Nitrophenol              | 15.08 | 139  | 428576   | 94.74  | ng    | 91       |
| 56) 2,4-Dinitrotoluene         | 15.24 | 165  | 361444   | 49.57  | ng    | # 99     |
| 57) Fluorene                   | 15.93 | 166  | 1027328  | 44.81  | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.50 | 232  | 375117   | 49.86  | ng    | 93       |
| 59) Diethylphthalate           | 15.68 | 149  | 1126300  | 45.71  | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.92 | 204  | 571226   | 44.40  | ng    | 95       |
| 61) 4-Nitroaniline             | 15.95 | 138  | 243678   | 42.96  | ng    | 95       |
| 62) Azobenzene                 | 16.20 | 77   | 1170066  | 47.61  | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 16.00 | 198  | 255357   | 47.75  | ng    | 93       |
| 65) n-Nitrosodiphenylamine     | 16.13 | 169  | 963444   | 45.40  | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.81 | 248  | 420993   | 44.67  | ng    | 93       |
| 67) Hexachlorobenzene          | 16.93 | 284  | 466883   | 44.84  | ng    | 92       |
| 68) Atrazine                   | 17.06 | 200  | 450145   | 49.45  | ng    | 98       |
| 69) Pentachlorophenol          | 17.27 | 266  | 658395   | 95.82  | ng    | 99       |
| 70) Phenanthrene               | 17.67 | 178  | 1774095  | 44.84  | ng    | 98       |
| 71) Anthracene                 | 17.77 | 178  | 1812302  | 45.40  | ng    | 99       |
| 72) Carbazole                  | 18.03 | 167  | 1645820  | 45.21  | ng    | 98       |
| 73) Di-n-butylphthalate        | 18.56 | 149  | 1934145  | 46.08  | ng    | 99       |
| 74) Fluoranthene               | 19.66 | 202  | 2268106  | 45.35  | ng    | 98       |
| 76) Benzidine                  | 19.84 | 184  | 853856   | 33.76  | ng    | 96       |
| 77) Pyrene                     | 20.03 | 202  | 2311533  | 44.04  | ng    | 97       |
| 79) Butylbenzylphthalate       | 20.89 | 149  | 990091   | 45.25  | ng    | 99       |
| 80) Benzo(a)anthracene         | 21.90 | 228  | 2578035  | 43.71  | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 21.81 | 252  | 588506   | 24.73  | ng    | 98       |
| 82) Chrysene                   | 21.98 | 228  | 2438875  | 43.42  | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.77 | 149  | 1385598  | 44.27  | ng    | 96       |
| 84) Di-n-octyl phthalate       | 23.05 | 149  | 2377481  | 45.77  | ng    | 95       |
| 85) Indeno(1,2,3-cd)pyrene     | 29.31 | 276  | 3367940  | 43.44  | ng    | 98       |
| 87) Benzo(b)fluoranthene       | 24.26 | 252  | 2698838  | 43.49  | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 24.34 | 252  | 2647358  | 44.18  | ng    | 98       |
| 89) Benzo(a)pyrene             | 25.20 | 252  | 2685538  | 44.29  | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 29.38 | 278  | 2825560  | 42.46  | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 30.55 | 276  | 2809482  | 42.26  | ng    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

Instrument :

BNA\_G

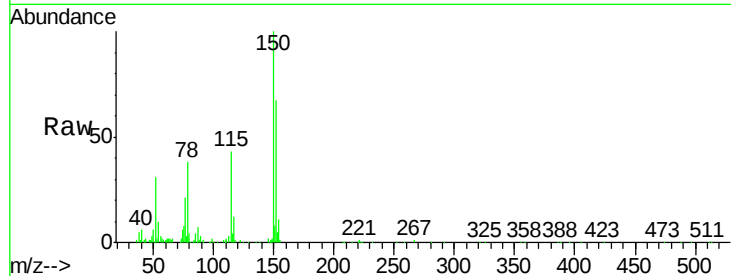
ClientSampleId :

PB94296BSD

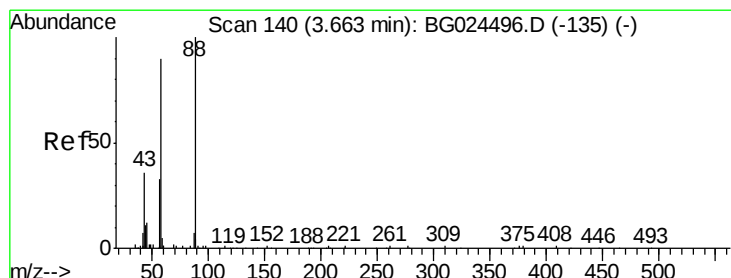
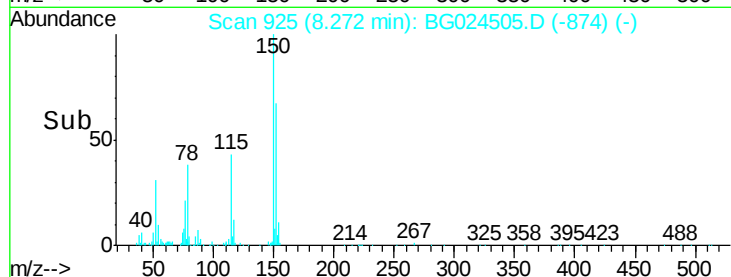
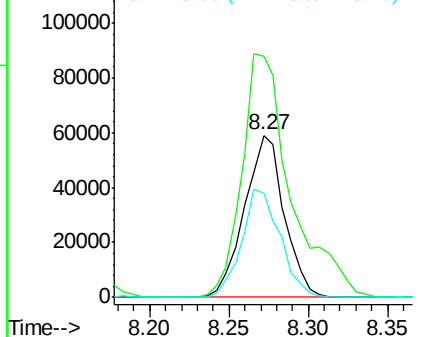
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 102883 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 148.4 | 114.0 | 171.0  |
| 115       | 64.6  | 48.1  | 72.1   |

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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.53 ng

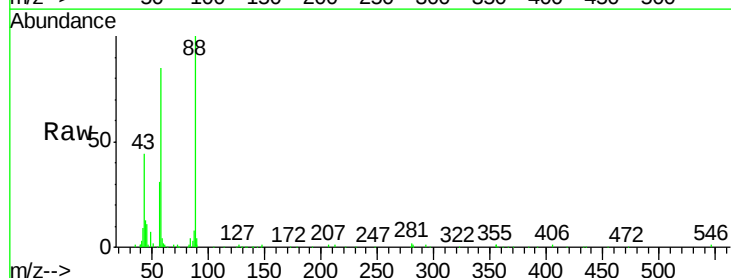
RT: 3.67 min Scan# 141

Delta R.T. 0.00 min

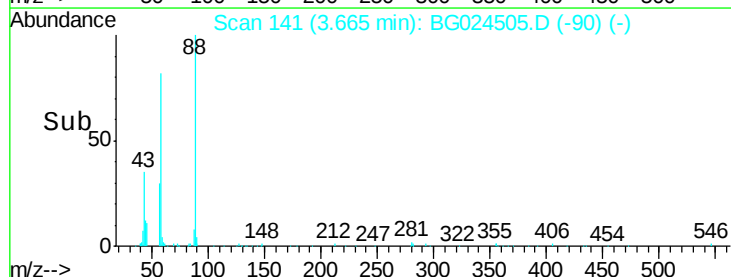
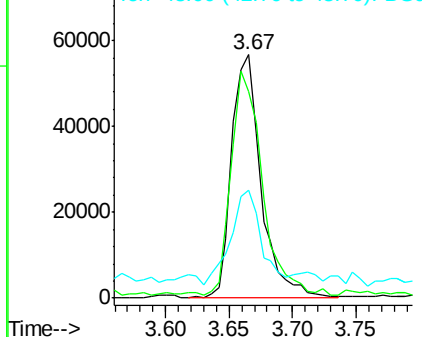
Lab File: BG024505.D

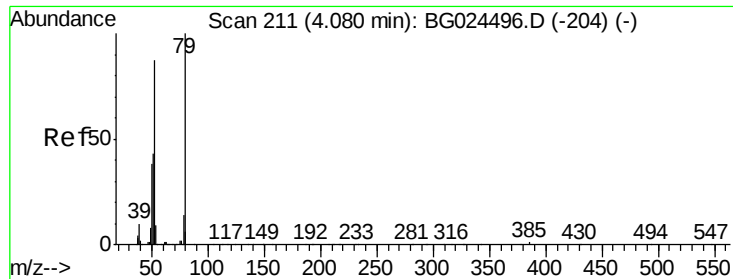
Acq: 25 Oct 2016 20:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 91127 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 98.2  | 79.4  | 119.2 |
| 43        | 39.7  | 33.8  | 50.6  |



Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.15 ng

RT: 4.07 min Scan# 210

Delta R.T. -0.01 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

Instrument :

BNA\_G

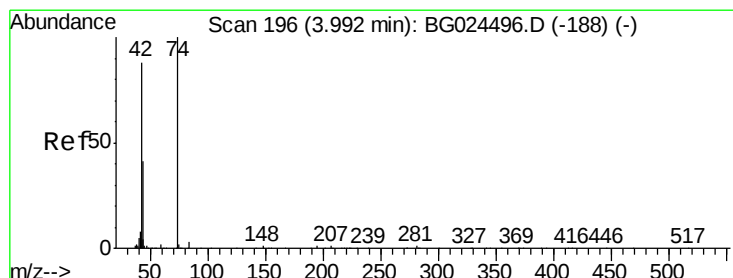
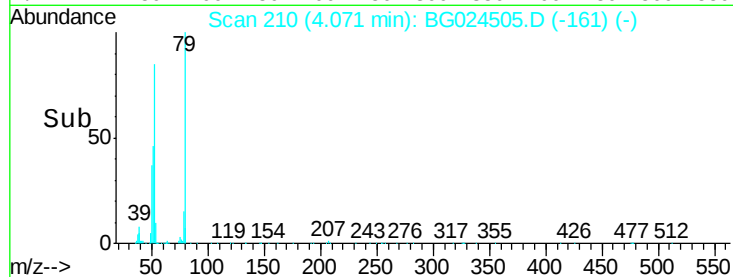
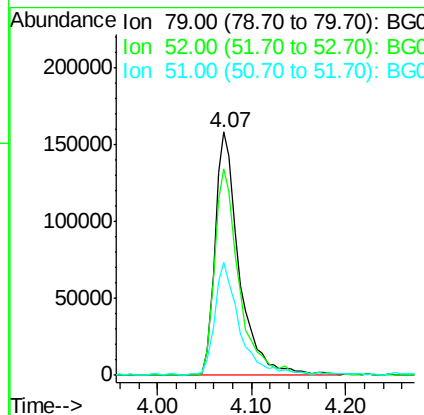
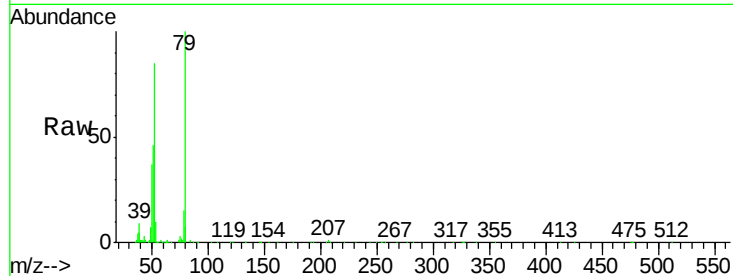
ClientSampleId :

PB94296BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 285251 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 85.0  | 77.8  | 116.6  |
| 51        | 46.4  | 43.2  | 64.8   |

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#4

n-Nitrosodimethylamine

Concen: 41.40 ng

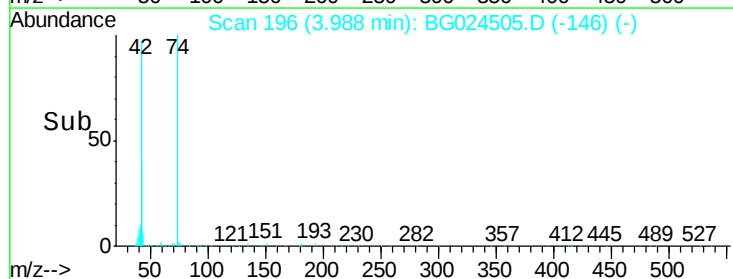
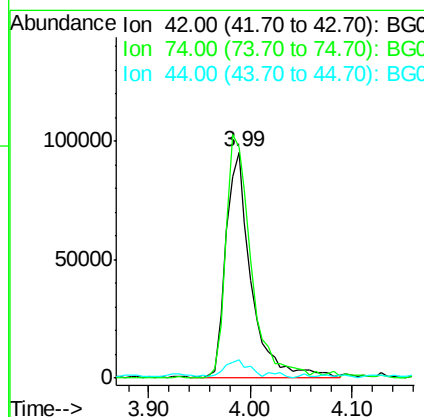
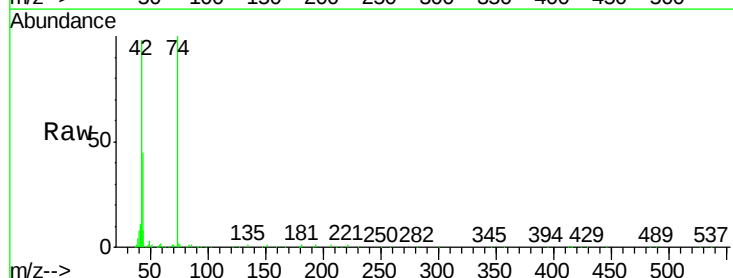
RT: 3.99 min Scan# 196

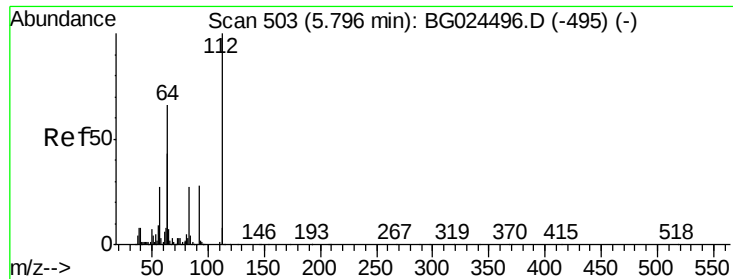
Delta R.T. -0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 164577 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 101.8 | 76.7  | 115.1  |
| 44        | 7.9   | 6.1   | 9.1    |





#5

2-Fluorophenol

Concen: 84.51 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

Instrument :

BNA\_G

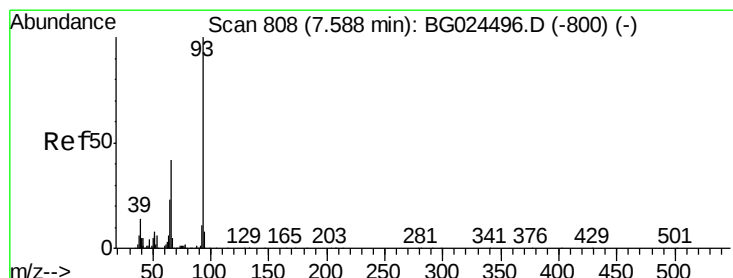
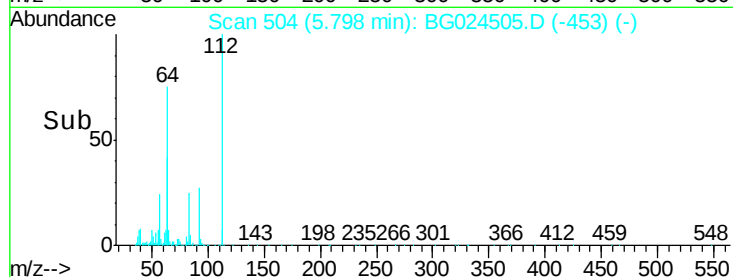
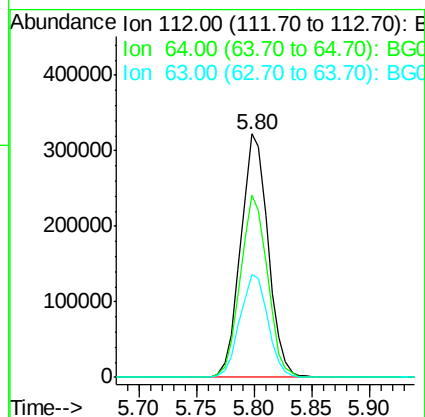
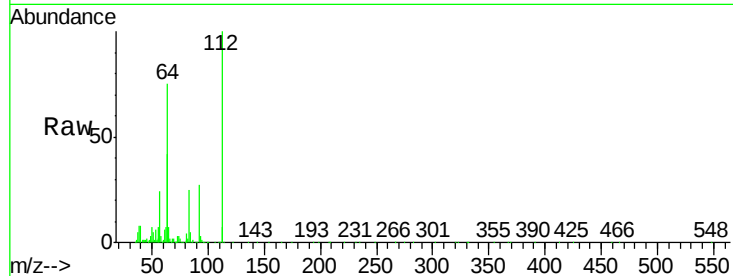
ClientSampleId :

PB94296BSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 112     | 100  |       | 530495 |       |       |
| 64      | 74.6 | 61.8  | 92.6   |       |       |
| 63      | 42.1 | 37.2  | 55.8   |       |       |

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#6

Aniline

Concen: 26.56 ng

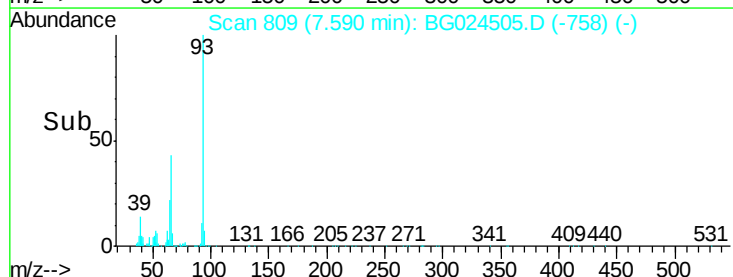
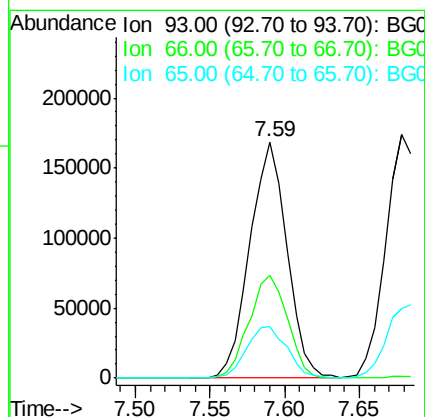
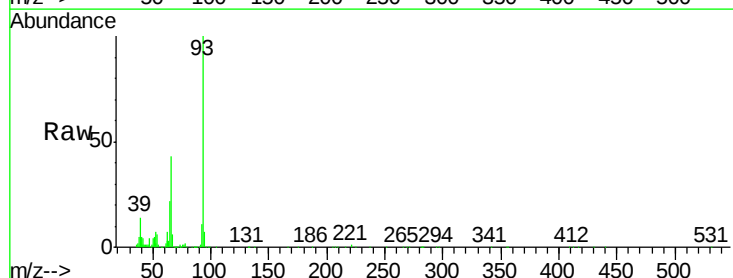
RT: 7.59 min Scan# 809

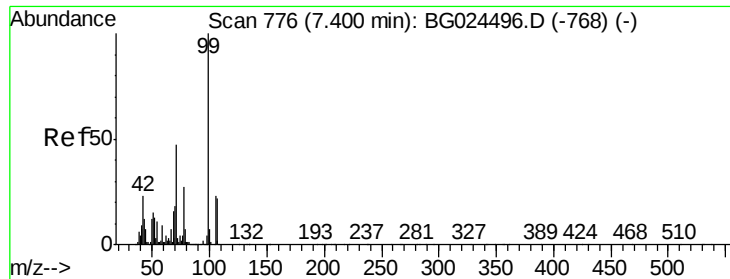
Delta R.T. 0.00 min

Lab File: BG024505.D

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| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 289719 |       |       |
| 66      | 43.4 | 35.4  | 53.2   |       |       |
| 65      | 21.7 | 21.2  | 31.8   |       |       |





#7

Phenol-d6

Concen: 85.58 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

Instrument :

BNA\_G

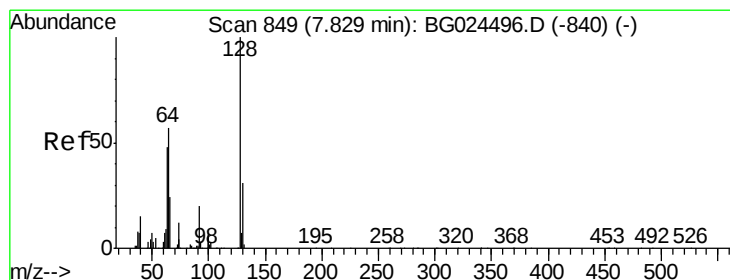
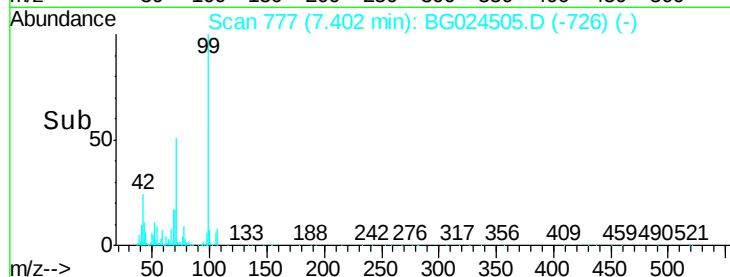
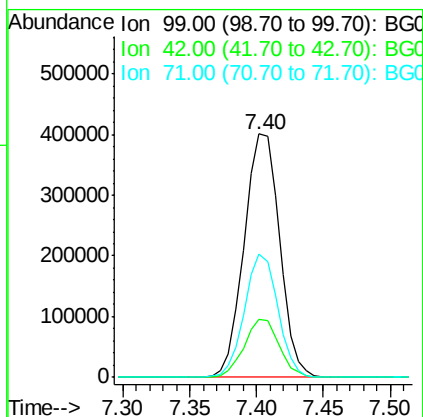
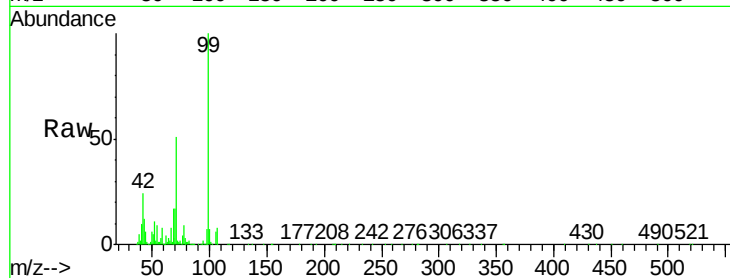
ClientSampleId :

PB94296BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 736887 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 23.8  | 20.5  | 30.7   |
| 71        | 50.8  | 37.6  | 56.4   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 44.99 ng

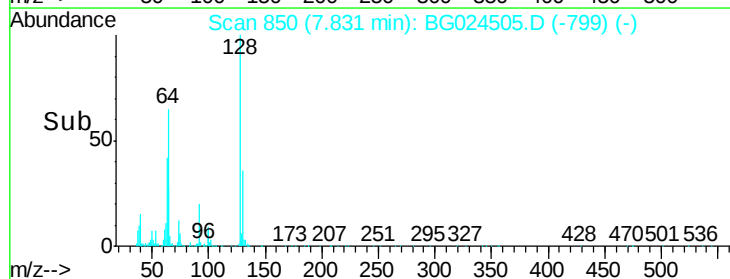
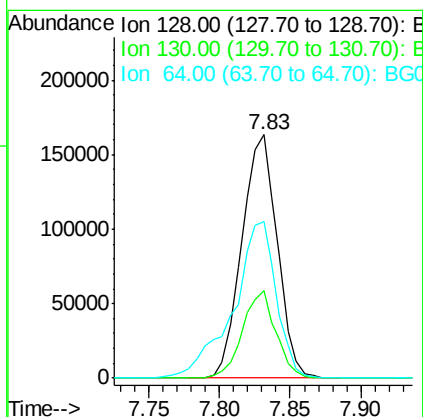
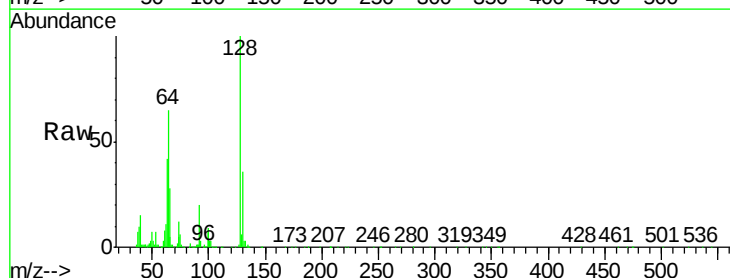
RT: 7.83 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 287135 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 36.1  | 11.4  | 51.4   |
| 64        | 64.5  | 46.6  | 86.6   |





#9

Benzaldehyde

Concen: 13.18 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

Instrument :

BNA\_G

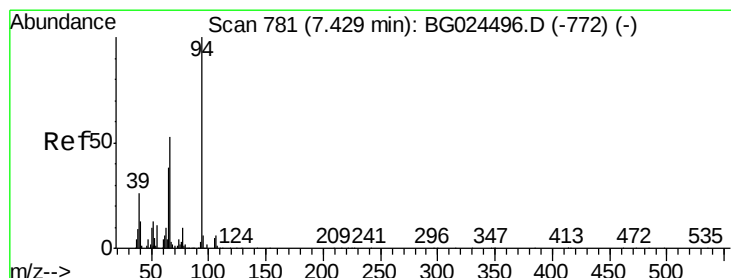
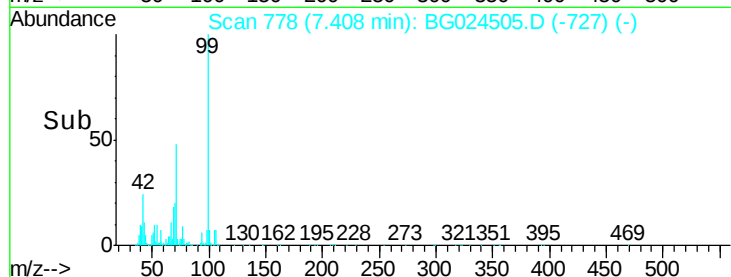
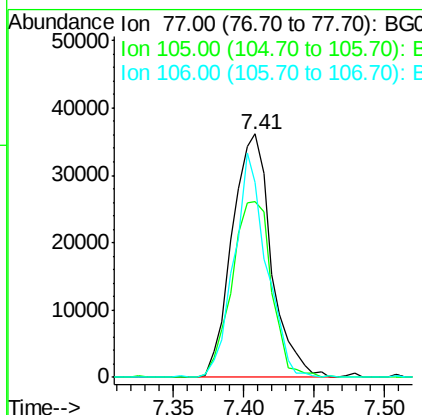
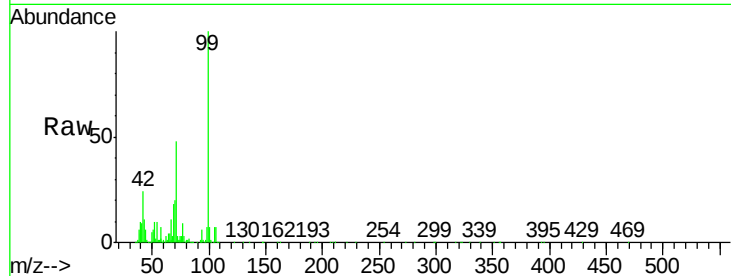
ClientSampleID :

PB94296BSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 70156 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 72.4  | 60.9  | 100.9 |
| 106      | 79.9  | 55.1  | 95.1  |

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#10

Phenol

Concen: 46.59 ng

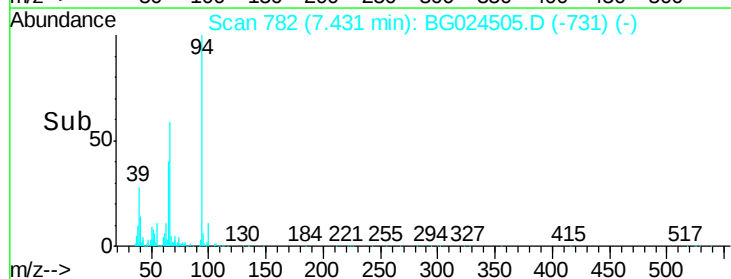
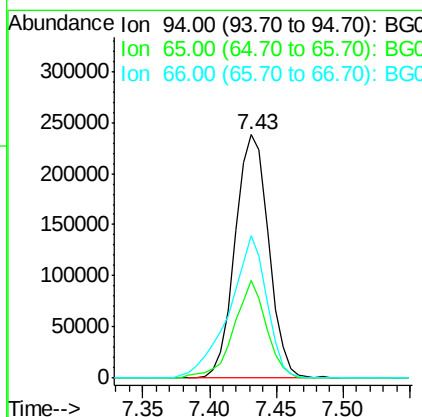
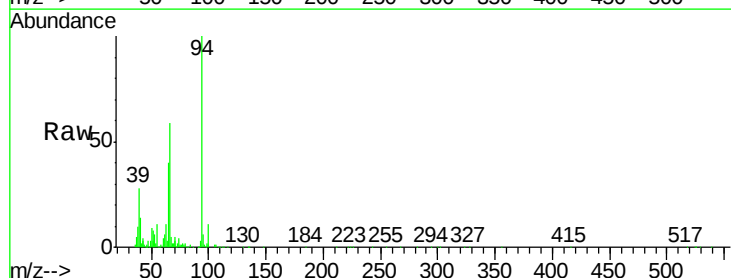
RT: 7.43 min Scan# 782

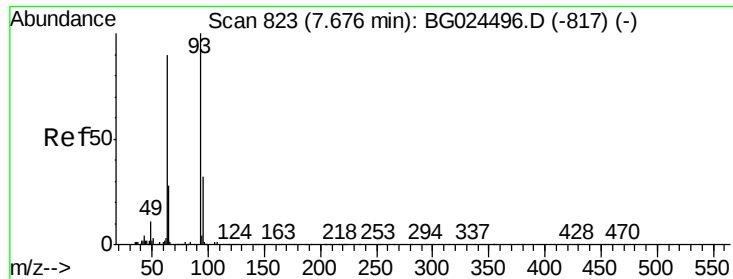
Delta R.T. 0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 413552 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 40.2  | 20.6  | 60.6   |
| 66       | 58.7  | 35.5  | 75.5   |





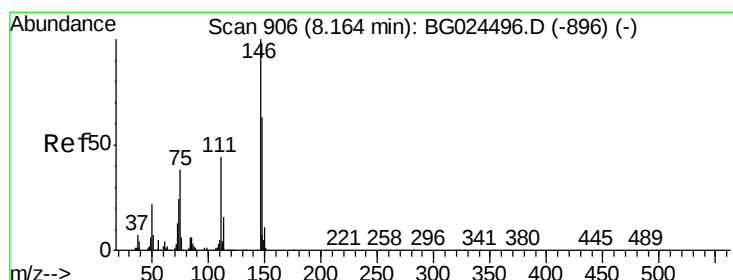
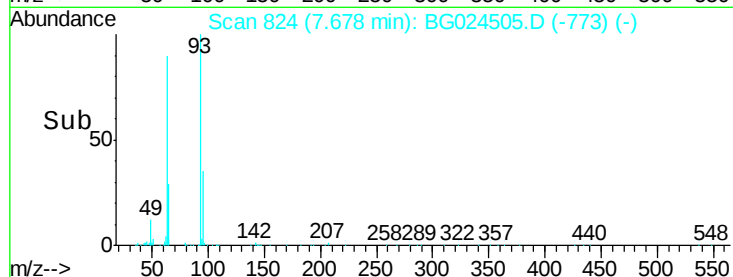
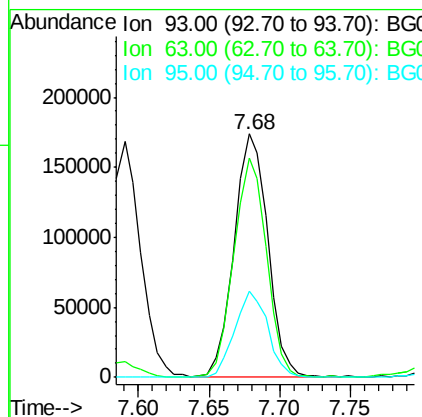
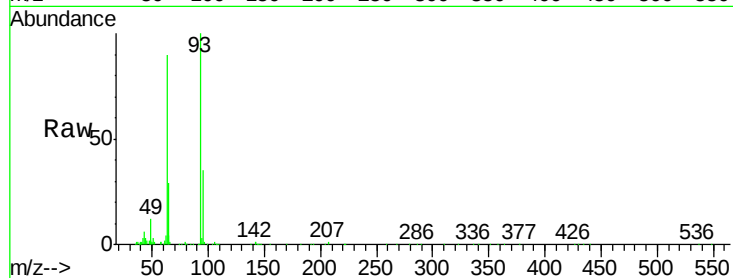
#11  
bis(2-Chloroethyl)ether  
Concen: 43.36 ng  
RT: 7.68 min Scan# 824  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB94296BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 90.1  | 78.5  | 118.5 |
| 95      | 35.3  | 9.8   | 49.8  |

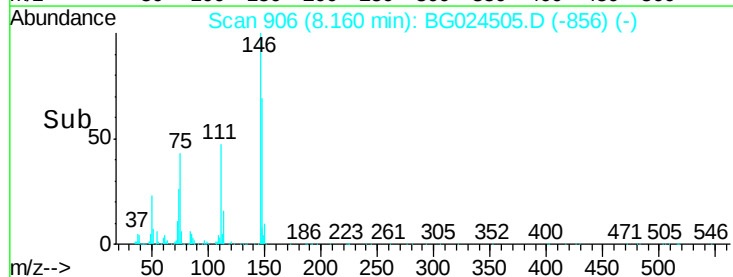
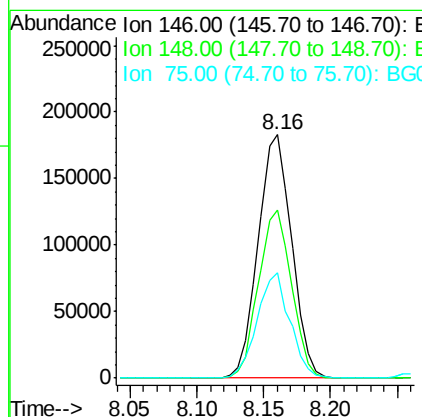
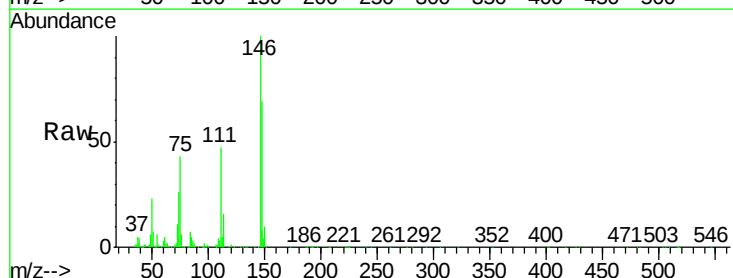
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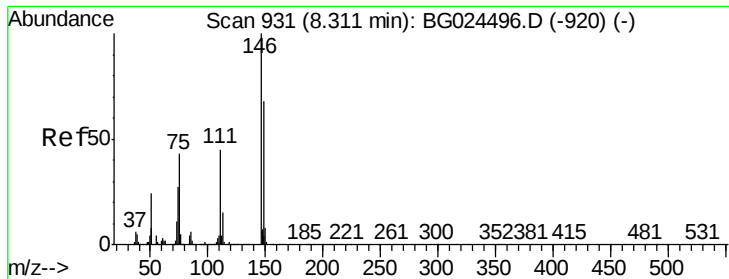
sohil  
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#12  
1,3-Dichlorobenzene  
Concen: 40.19 ng  
RT: 8.16 min Scan# 906  
Delta R.T. -0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 69.2  | 49.2  | 73.8  |
| 75      | 43.1  | 33.4  | 50.2  |





#13

1,4-Dichlorobenzene

Concen: 43.40 ng

RT: 8.31 min Scan# 931

Delta R.T. -0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

Instrument :

BNA\_G

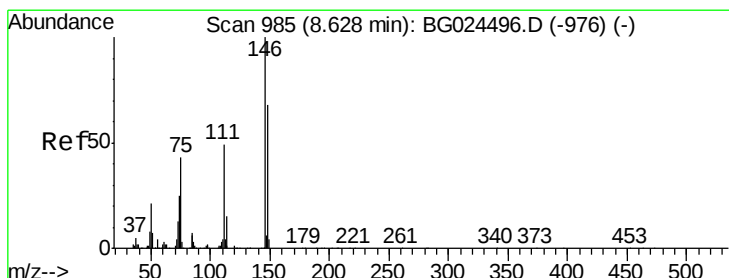
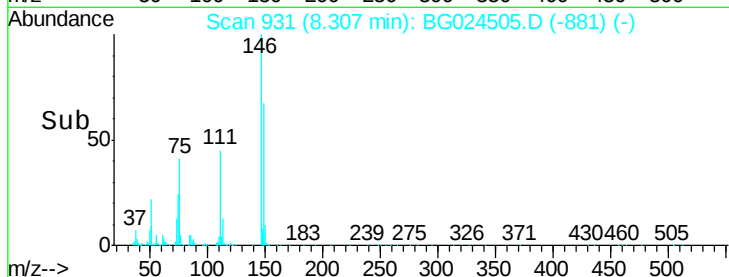
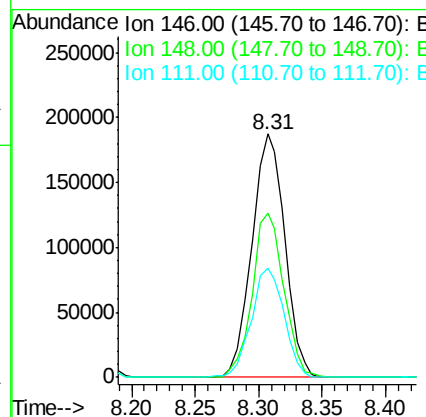
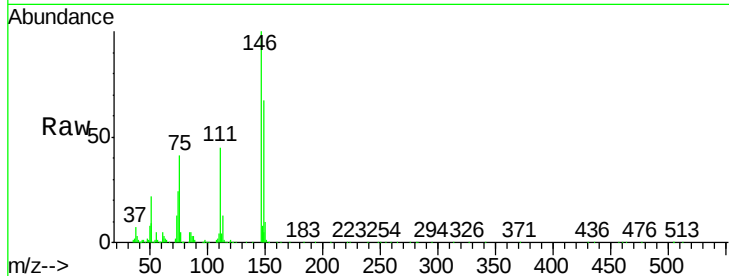
ClientSampleId :

PB94296BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 338657 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 67.3  | 52.2  | 78.2   |
| 111       | 45.1  | 37.0  | 55.6   |

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#14

1,2-Dichlorobenzene

Concen: 42.01 ng

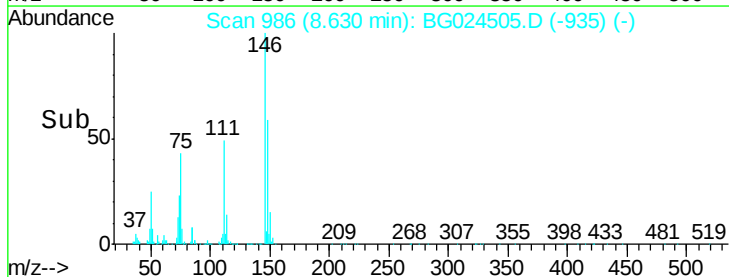
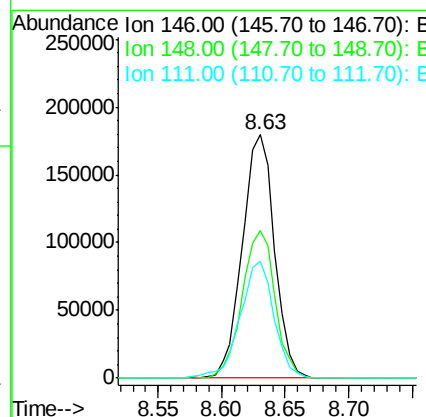
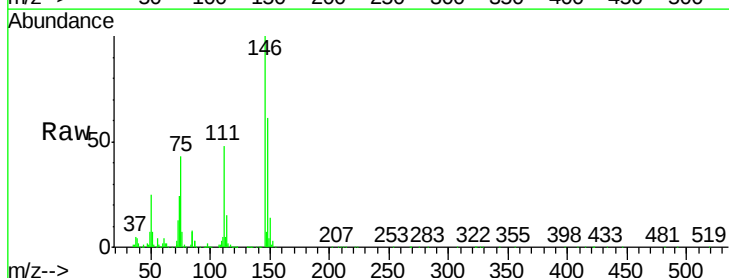
RT: 8.63 min Scan# 986

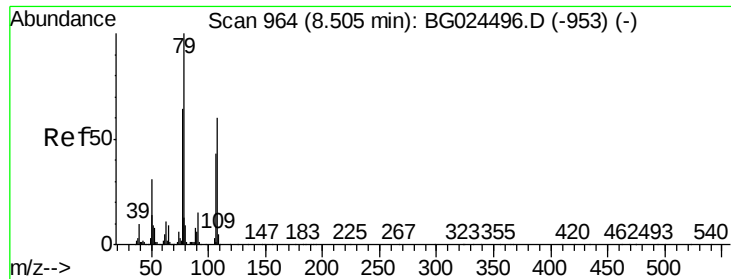
Delta R.T. 0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 315206 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 60.9  | 54.6  | 81.8   |
| 111       | 48.1  | 39.7  | 59.5   |





#15

Benzyl Alcohol

Concen: 43.63 ng

RT: 8.50 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

Instrument :

BNA\_G

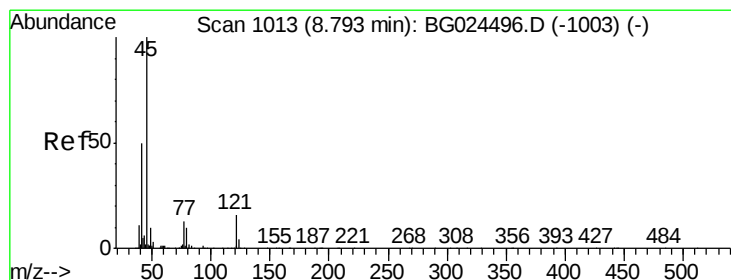
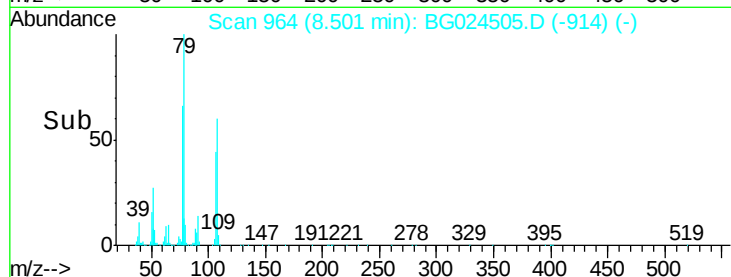
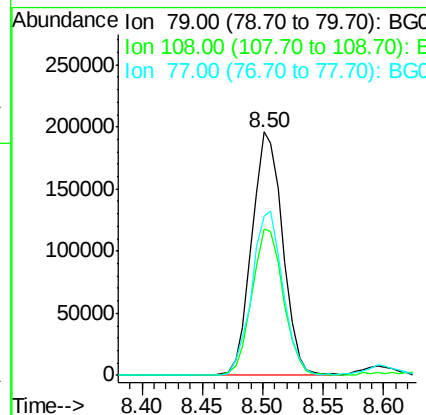
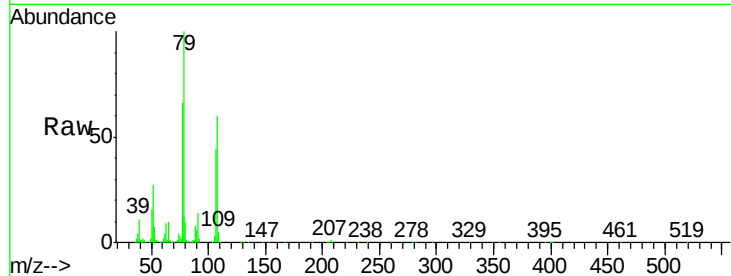
ClientSampleID :

PB94296BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 349489 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 60.0  | 45.5  | 68.3   |
| 77        | 65.5  | 54.3  | 81.5   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.05 ng

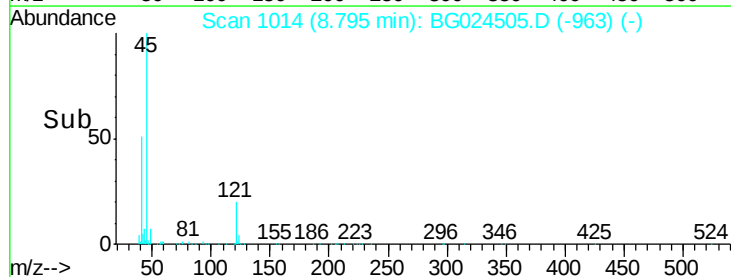
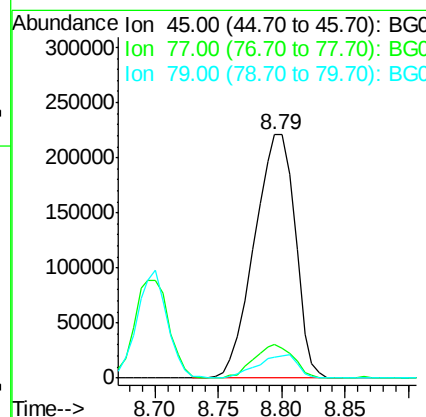
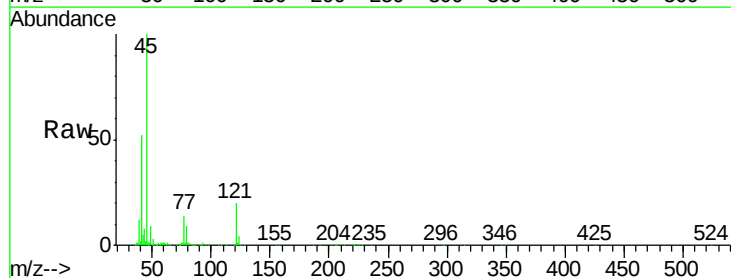
RT: 8.79 min Scan# 1014

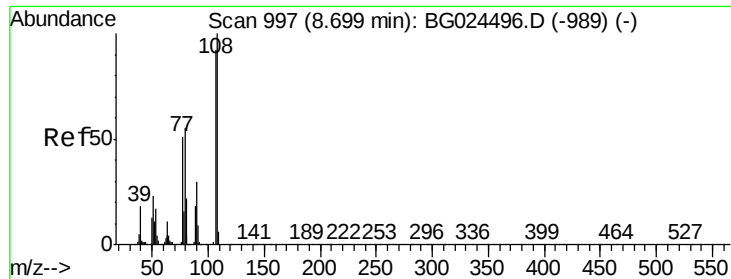
Delta R.T. 0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 495459 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 13.9  | 0.0   | 30.6   |
| 79        | 8.8   | 0.0   | 28.5   |





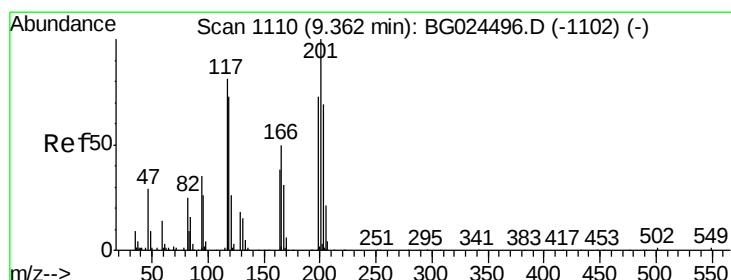
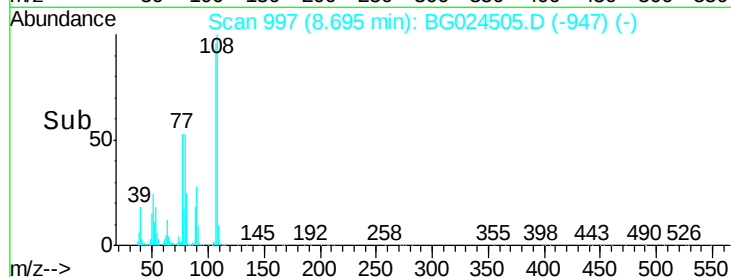
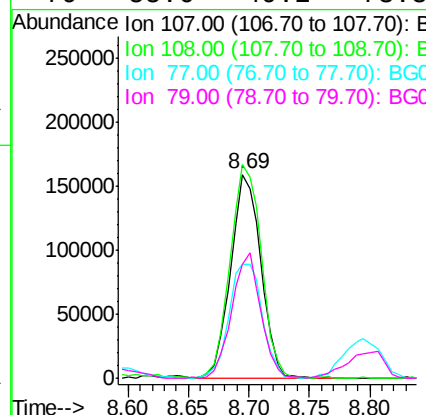
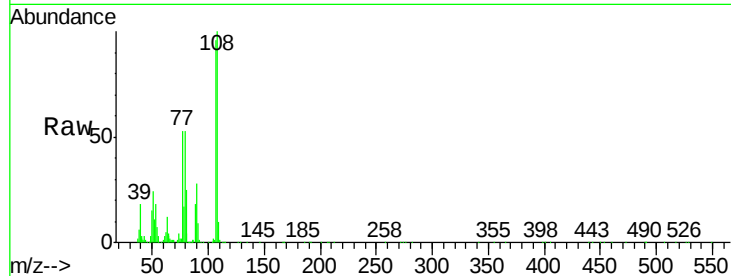
#17  
2-Methylphenol  
Concen: 47.16 ng  
RT: 8.69 min Scan# 997  
Delta R.T. -0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB94296BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 104.7 | 85.6 | 128.4 |       |
| 77      | 55.9  | 51.4 | 77.2  |       |
| 79      | 55.6  | 49.2 | 73.8  |       |

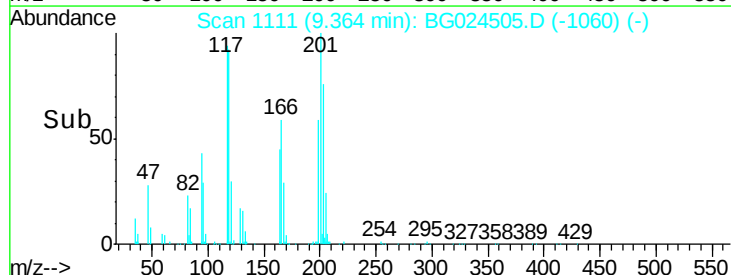
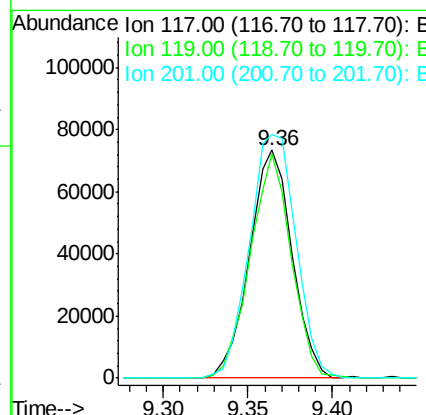
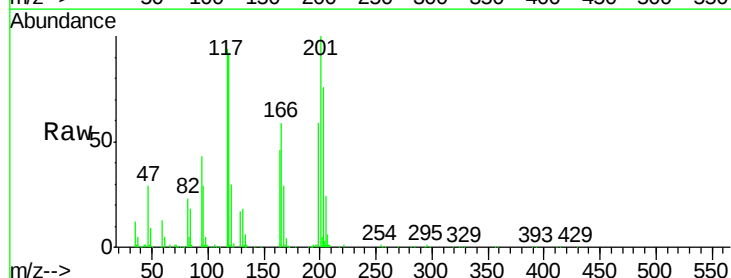
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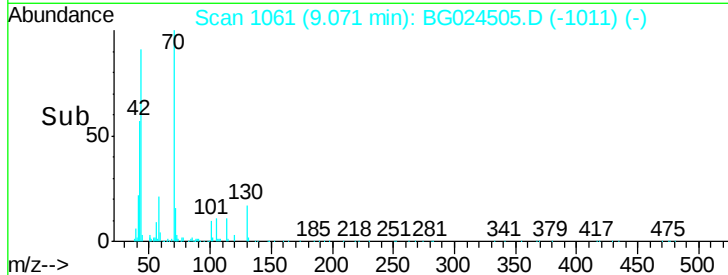
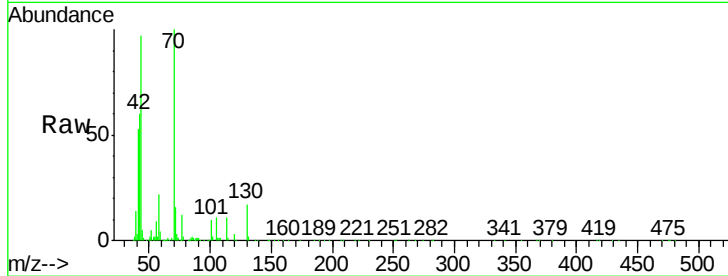
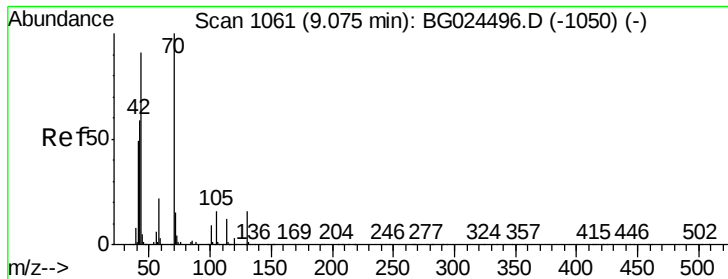
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#18  
Hexachloroethane  
Concen: 42.92 ng  
RT: 9.36 min Scan# 1111  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 98.2  | 69.8 | 104.6 |       |
| 201     | 106.7 | 95.4 | 143.0 |       |





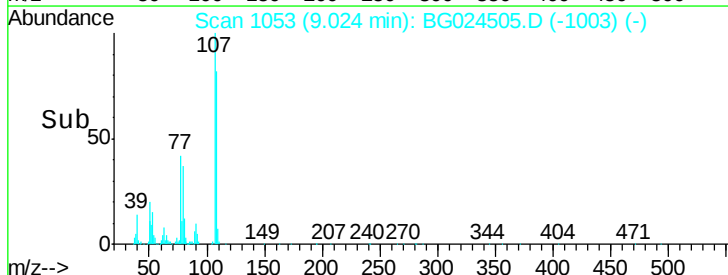
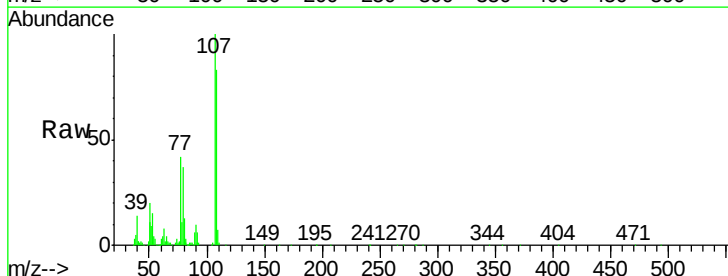
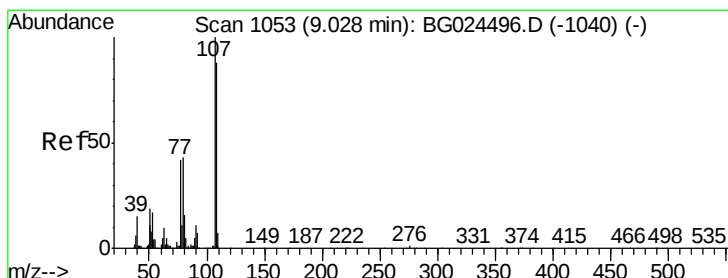
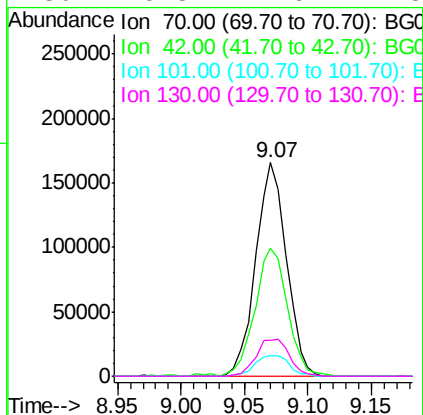
#19  
n-Nitroso-di-n-propylamine  
Concen: 44.08 ng  
RT: 9.07 min Scan# 1061  
Delta R.T. -0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB94296BSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 60.1 | 56.1  | 84.1  |       |
| 101     | 9.8  | 7.5   | 11.3  |       |
| 130     | 16.8 | 14.6  | 21.8  |       |

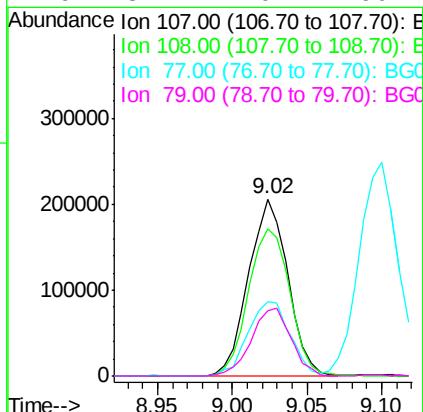
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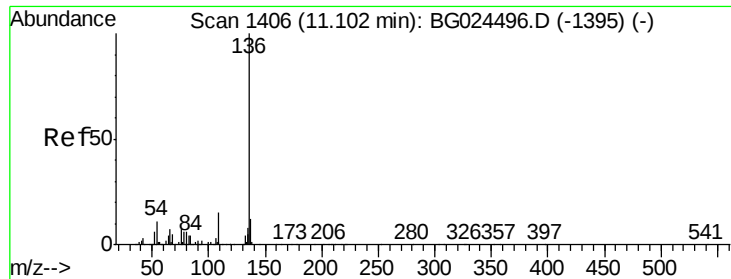
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#20  
3+4-Methylphenols  
Concen: 47.52 ng  
RT: 9.02 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 83.0 | 70.8  | 110.8 |       |
| 77      | 42.3 | 25.8  | 65.8  |       |
| 79      | 37.1 | 20.1  | 60.1  |       |





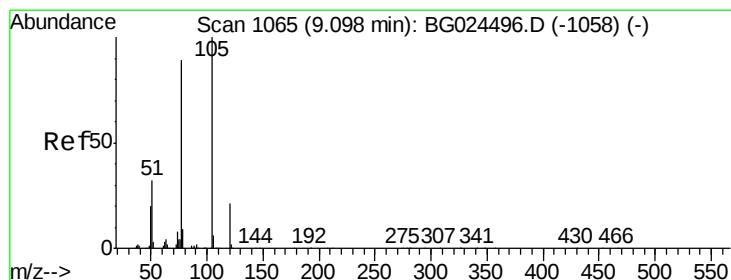
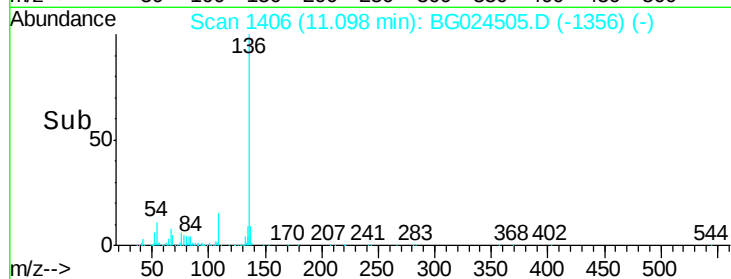
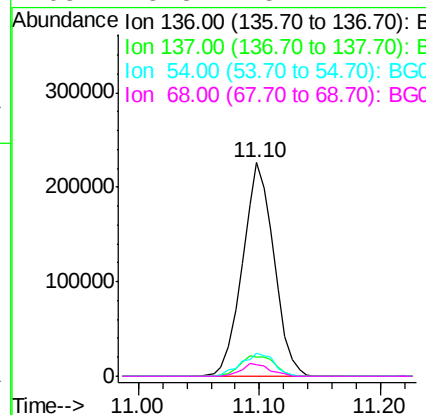
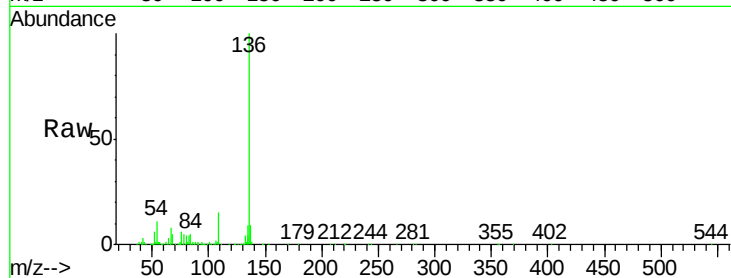
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.10 min Scan# 1406  
Delta R.T. -0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB94296BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 9.1   | 8.9  | 13.3  |       |
| 54      | 10.8  | 9.3  | 13.9  |       |
| 68      | 5.3   | 5.1  | 7.7   |       |

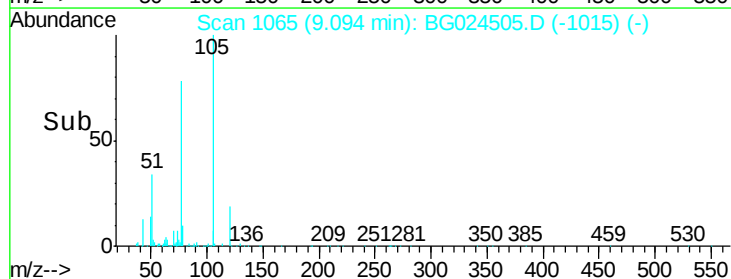
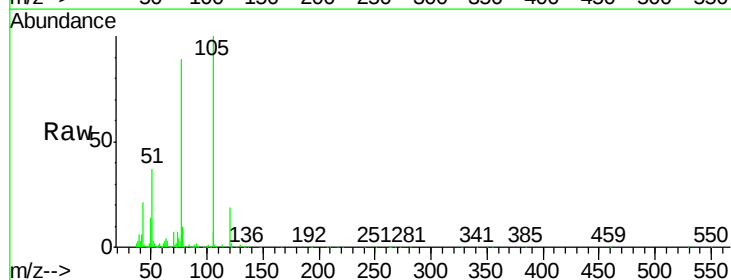
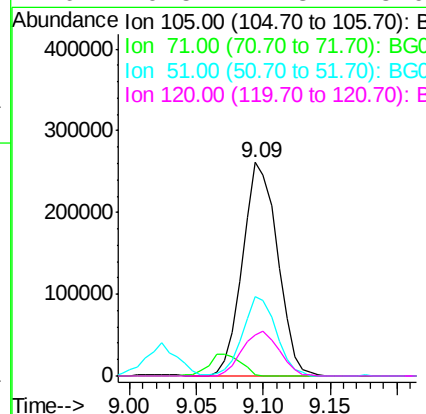
Manual Integrations  
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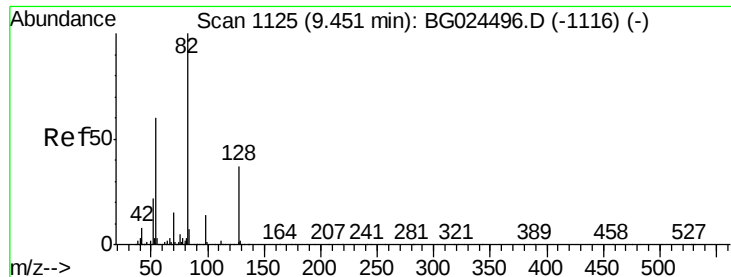
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#22  
Acetophenone  
Concen: 45.16 ng  
RT: 9.09 min Scan# 1065  
Delta R.T. -0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 0.8   | 0.9  | 1.3#  |       |
| 51      | 37.0  | 34.0 | 51.0  |       |
| 120     | 19.5  | 17.3 | 25.9  |       |





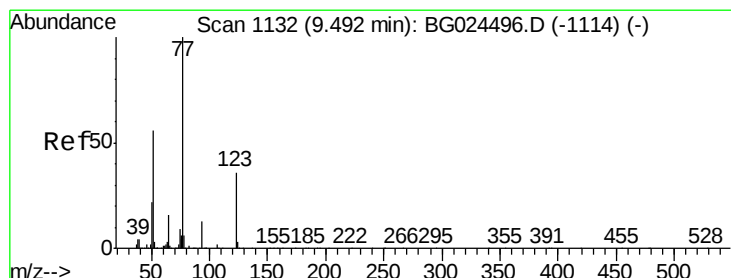
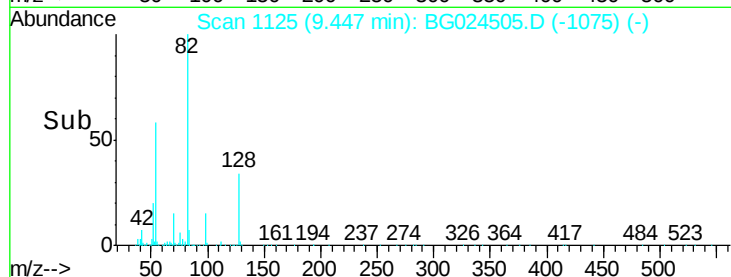
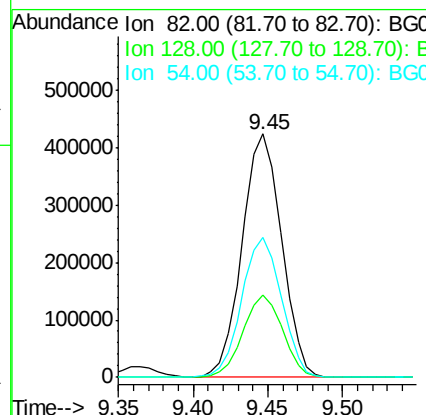
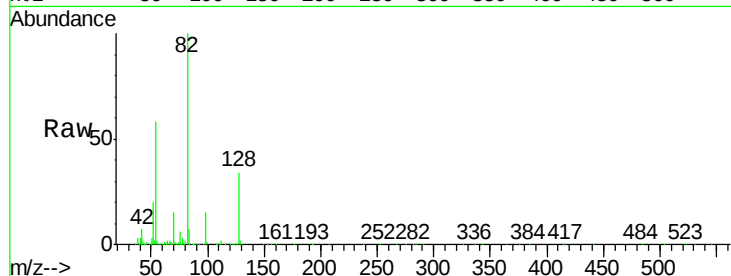
#23  
 Nitrobenzene-d5  
 Concen: 86.97 ng  
 RT: 9.45 min Scan# 1125  
 Delta R.T. -0.00 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB94296BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 34.0  | 26.4  | 39.6  |
| 54      | 57.7  | 49.4  | 74.2  |

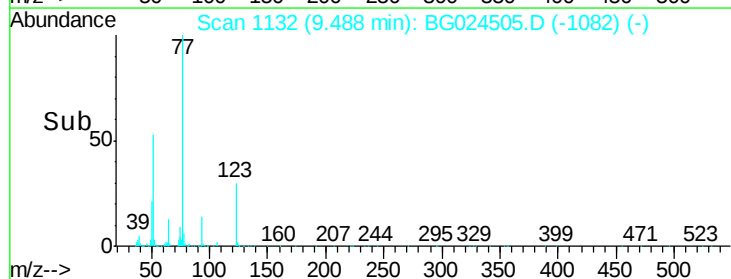
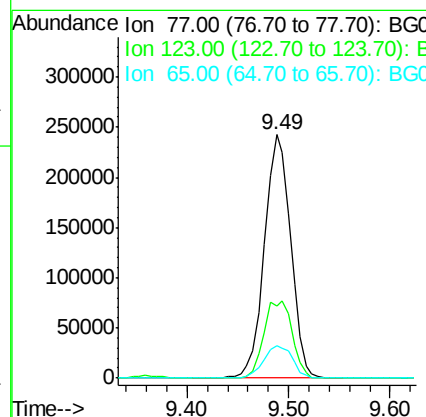
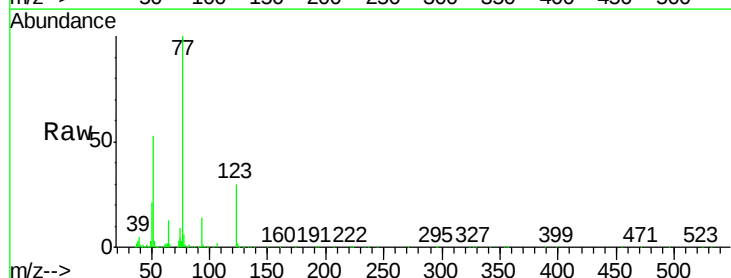
Manual Integrations  
 APPROVED

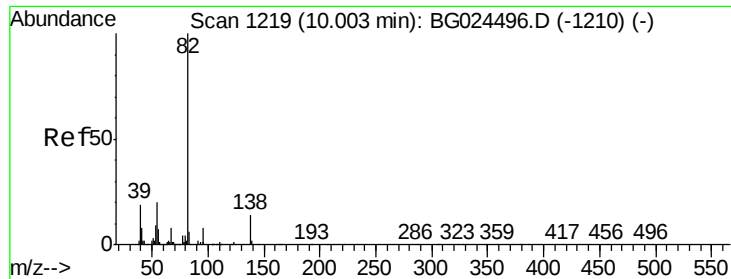
sohil  
 10/26/2016 4:51:13 PM



#24  
 Nitrobenzene  
 Concen: 43.72 ng  
 RT: 9.49 min Scan# 1132  
 Delta R.T. -0.00 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 29.8  | 26.1  | 39.1  |
| 65      | 13.3  | 12.4  | 18.6  |





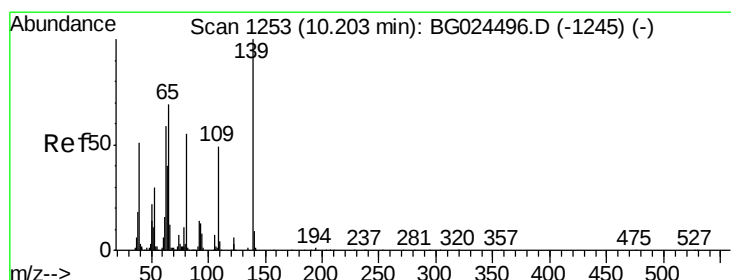
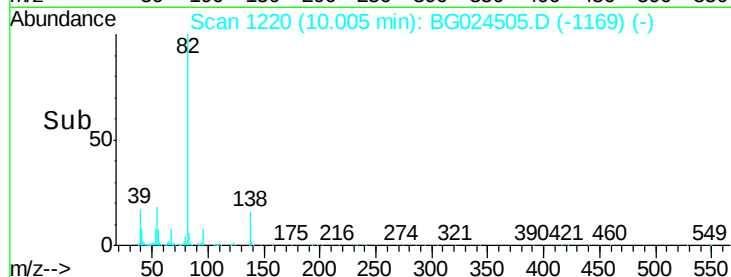
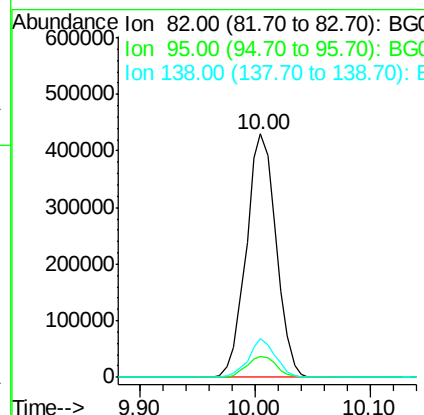
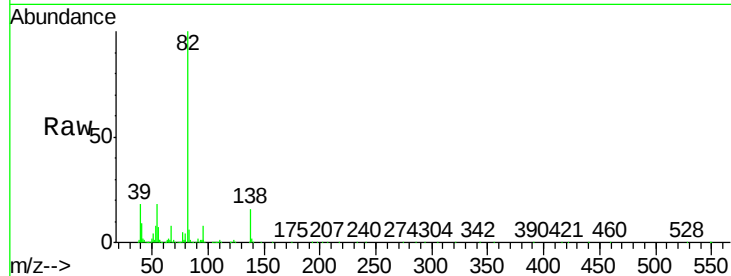
#25  
Isophorone  
Concen: 46.29 ng  
RT: 10.00 min Scan# 1220  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB94296BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 770513 |       |       |
| 95      | 8.4   |        | 7.5   | 11.3  |
| 138     | 15.7  |        | 12.3  | 18.5  |

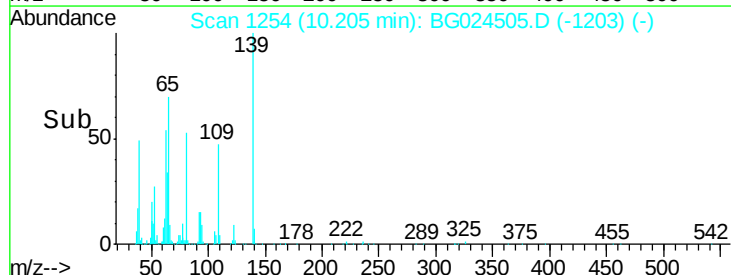
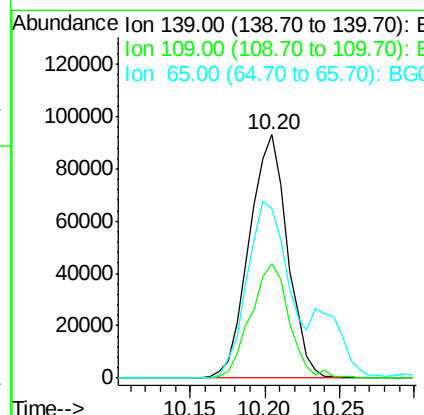
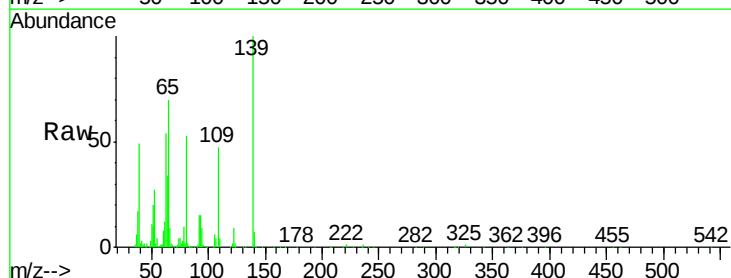
Manual Integrations  
APPROVED

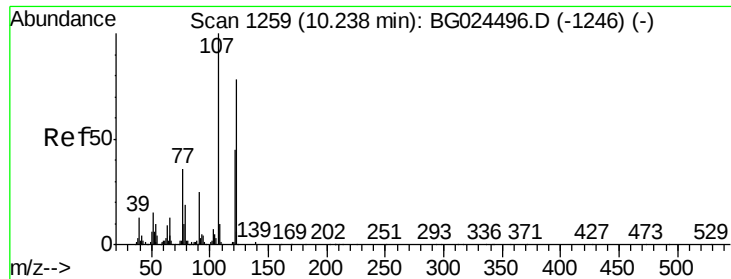
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#26  
2-Nitrophenol  
Concen: 44.63 ng  
RT: 10.20 min Scan# 1254  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 164903 |       |       |
| 109     | 47.1  |        | 38.6  | 58.0  |
| 65      | 69.5  |        | 57.1  | 85.7  |





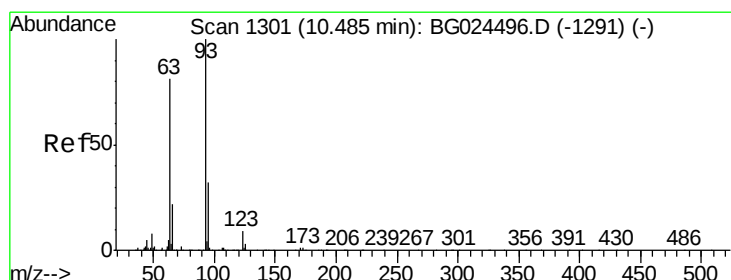
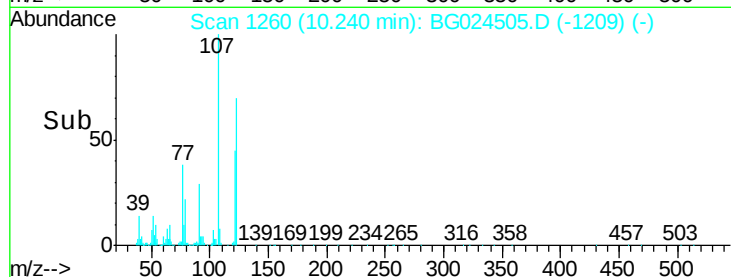
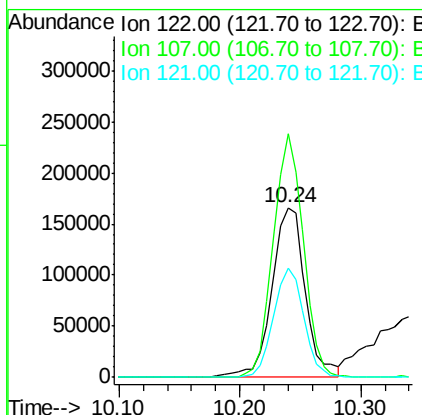
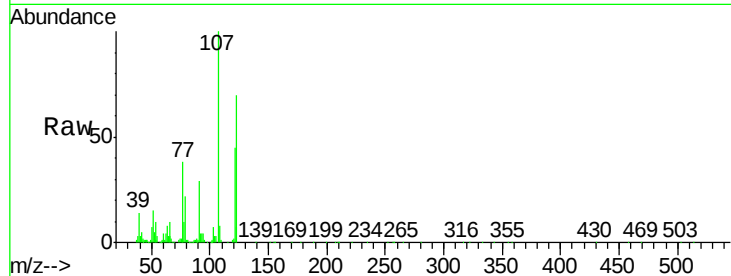
#27  
2,4-Dimethylphenol  
Concen: 48.93 ng  
RT: 10.24 min Scan# 1260  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB94296BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 143.5 | 104.2 | 156.4 |
| 121     | 64.7  | 46.0  | 69.0  |

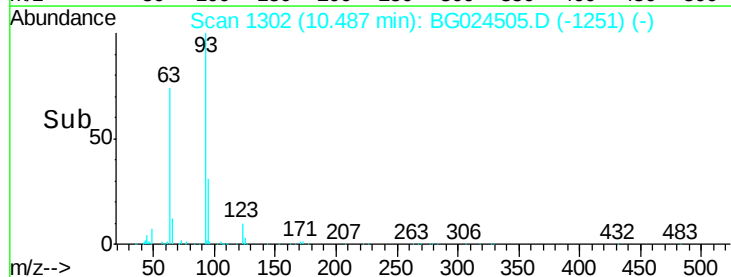
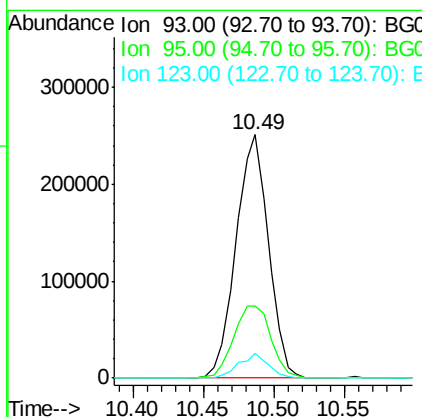
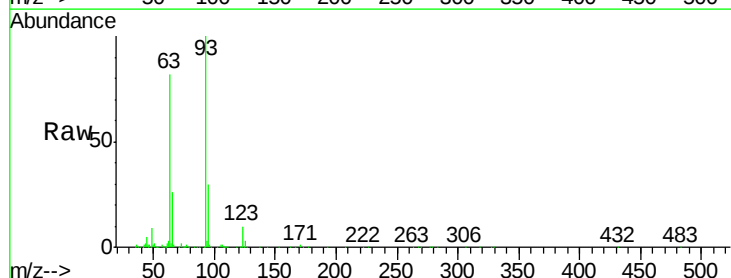
Manual Integrations  
APPROVED

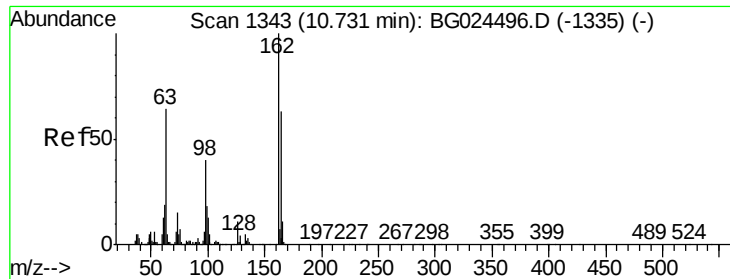
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#28  
bis(2-Chloroethoxy)methane  
Concen: 46.88 ng  
RT: 10.49 min Scan# 1302  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 29.8  | 25.7  | 38.5  |
| 123     | 9.9   | 8.3   | 12.5  |





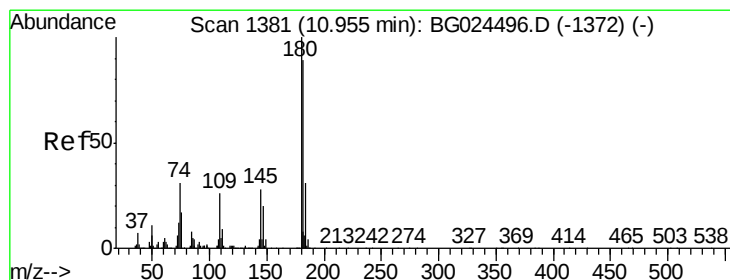
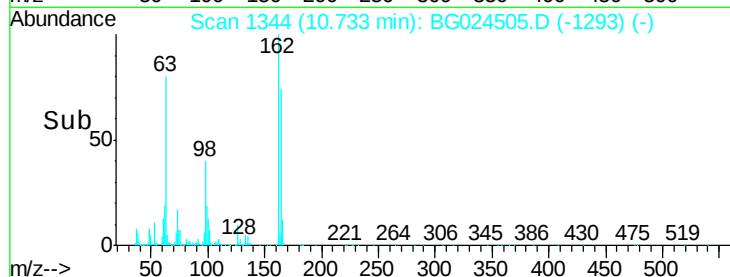
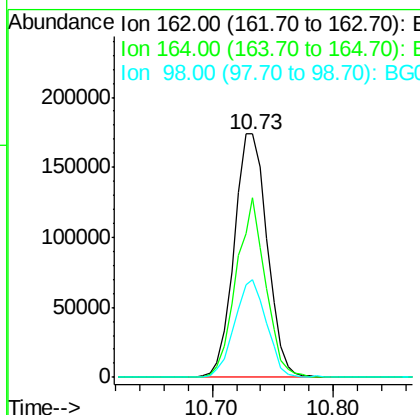
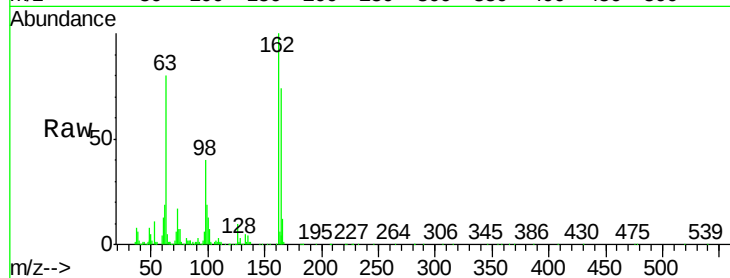
#29  
 2,4-Dichlorophenol  
 Concen: 48.81 ng  
 RT: 10.73 min Scan# 1344  
 Delta R.T. 0.00 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB94296BSD

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 73.7  | 42.4       | 82.4       |
| 98      | 40.1  | 20.3       | 60.3       |

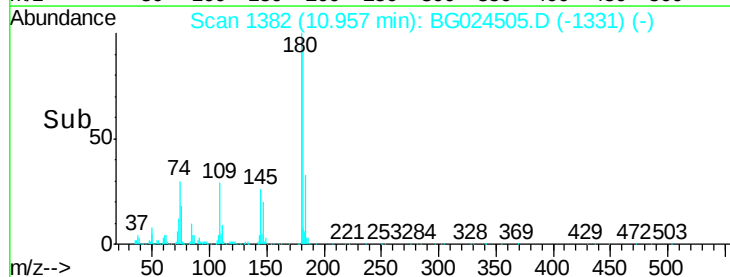
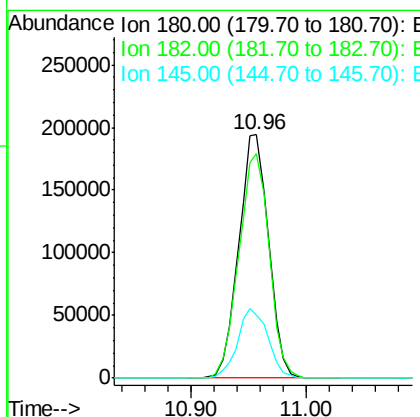
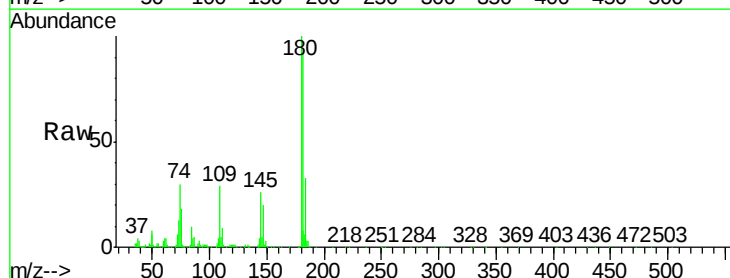
Manual Integrations  
 APPROVED

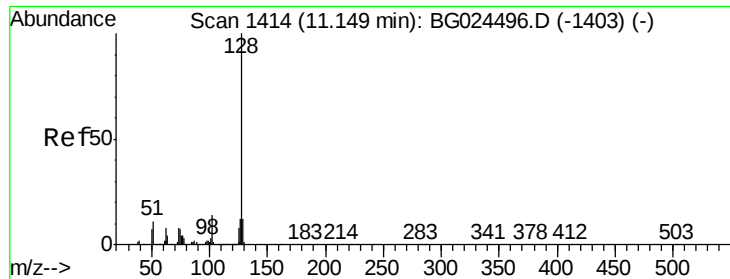
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 43.19 ng  
 RT: 10.96 min Scan# 1382  
 Delta R.T. 0.00 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 92.1  | 77.0       | 115.4      |
| 145     | 26.1  | 23.4       | 35.0       |





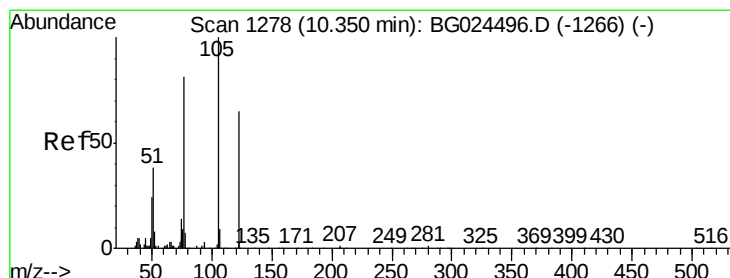
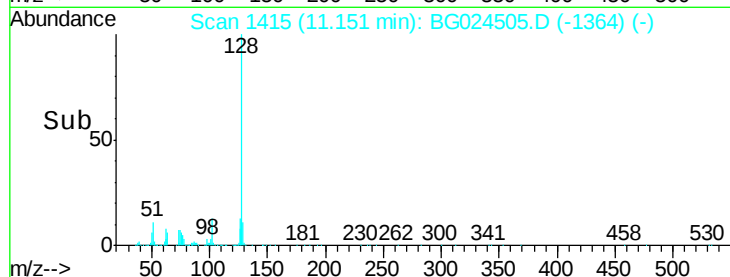
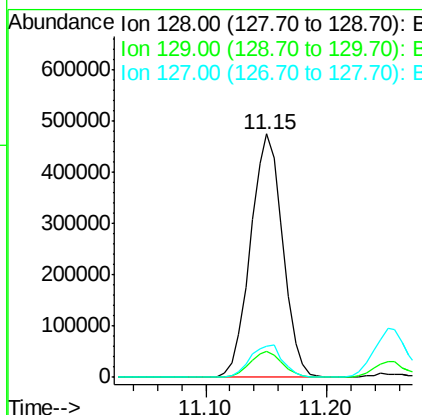
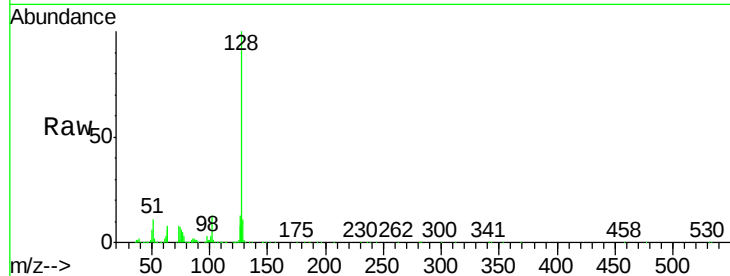
#31  
Naphthalene  
Concen: 43.10 ng  
RT: 11.15 min Scan# 1415  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB94296BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 9.3   | 13.9  |
| 127     | 13.0  | 11.4  | 17.0  |

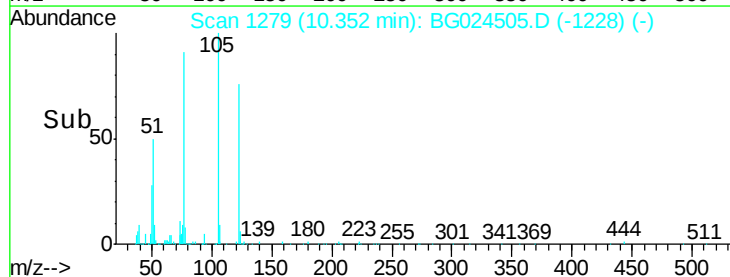
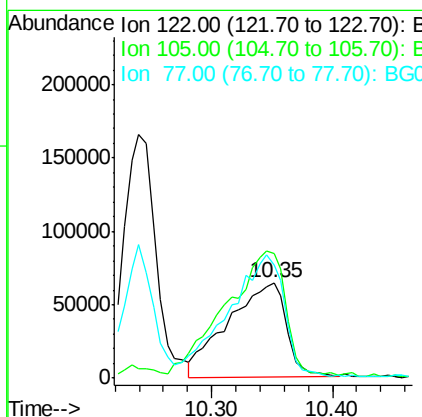
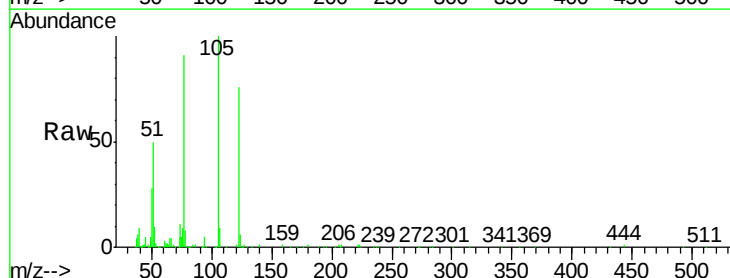
Manual Integrations  
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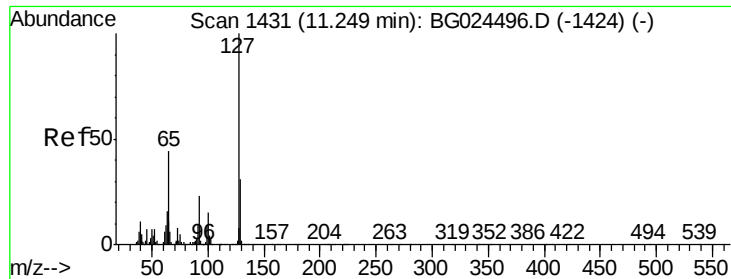
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#32  
Benzoic acid  
Concen: 40.12 ng  
RT: 10.35 min Scan# 1279  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 131.4 | 120.1 | 160.1 |
| 77      | 119.2 | 104.6 | 144.6 |





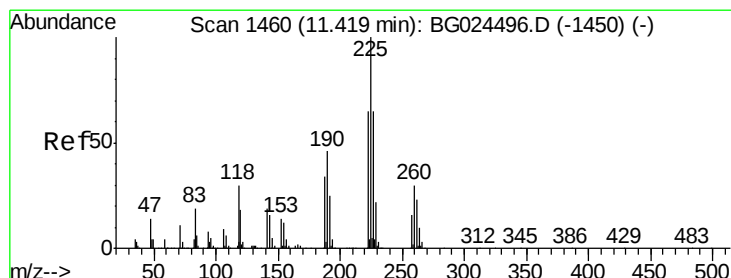
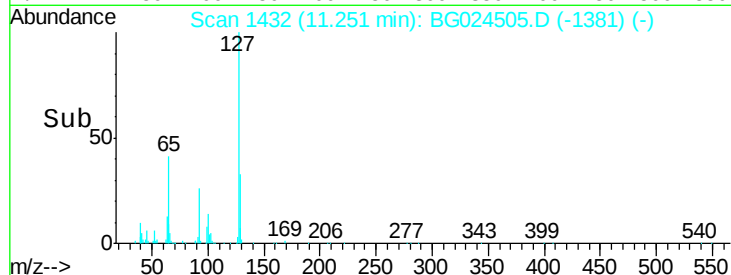
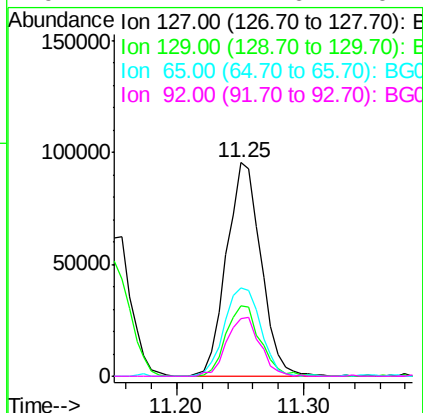
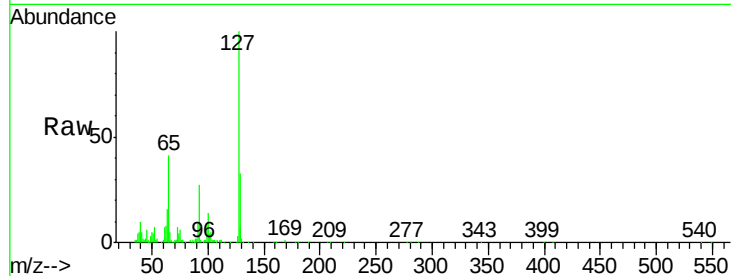
#33  
4-Chloroaniline  
Concen: 20.41 ng  
RT: 11.25 min Scan# 1432  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB94296BSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.8 | 23.6  | 35.4 |       |       |
| 65      | 41.4 | 37.7  | 56.5 |       |       |
| 92      | 27.2 | 17.6  | 26.4 |       |       |

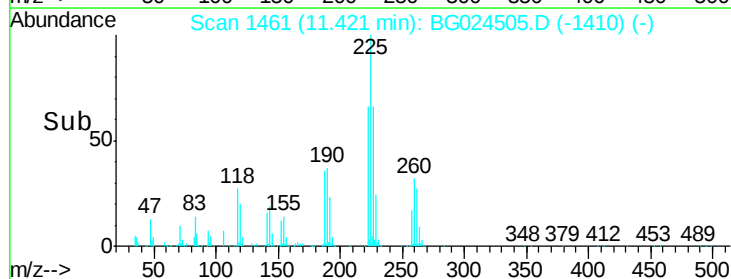
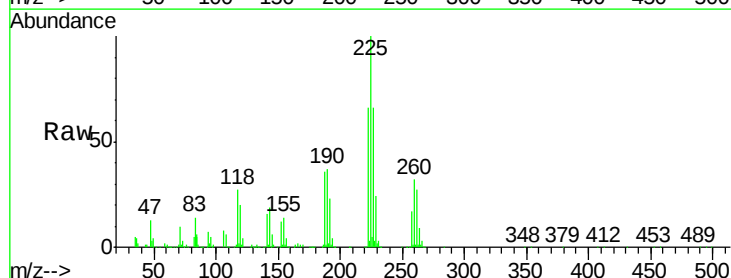
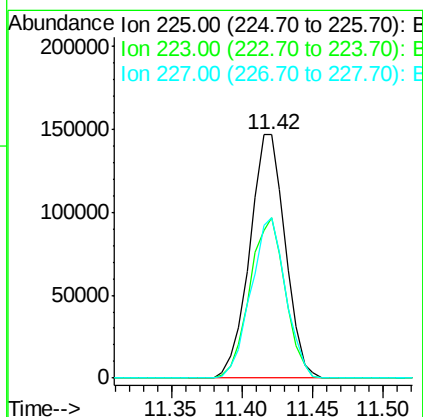
Manual Integrations  
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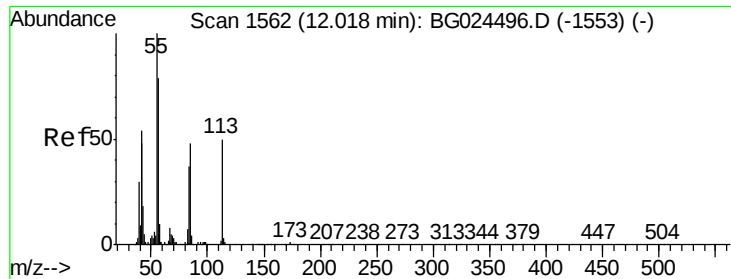
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#34  
Hexachlorobutadiene  
Concen: 41.19 ng  
RT: 11.42 min Scan# 1461  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 66.0 | 50.7  | 76.1 |       |       |
| 227     | 66.1 | 49.0  | 73.6 |       |       |





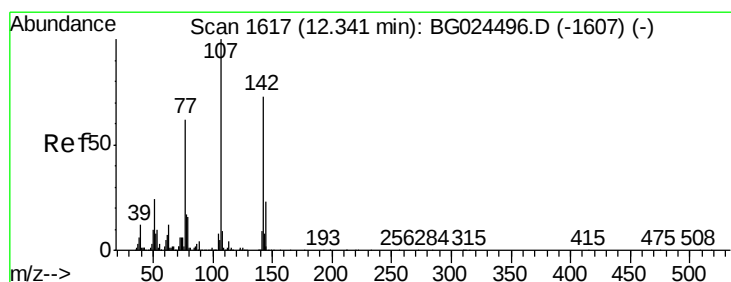
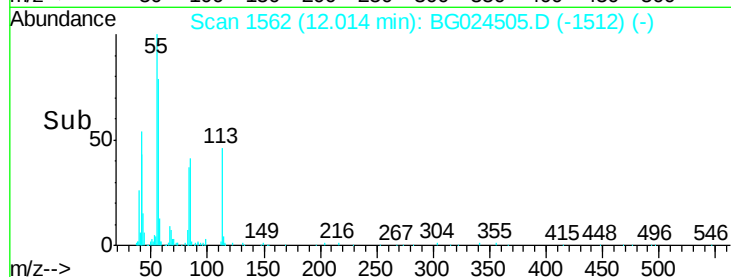
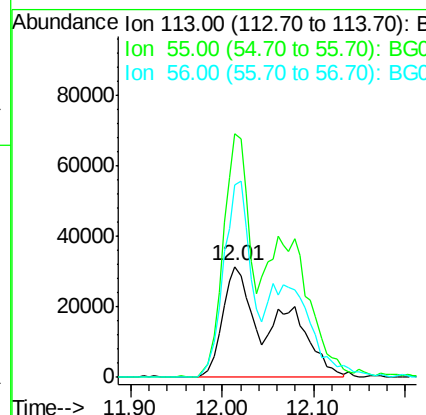
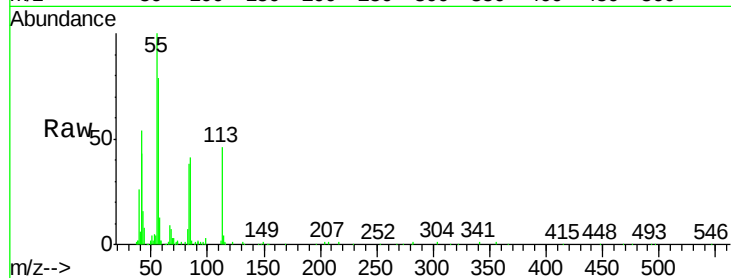
#35  
 Caprolactam  
 Concen: 50.44 ng/ml  
 RT: 12.01 min Scan# 1562  
 Delta R.T. -0.00 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB94296BSD

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 113     | 100   |       |       |       |       |
| 55      | 219.5 |       | 198.6 | 238.6 |       |
| 56      | 173.4 |       | 140.4 | 180.4 |       |

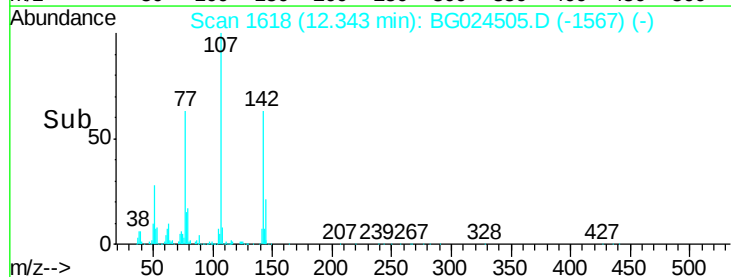
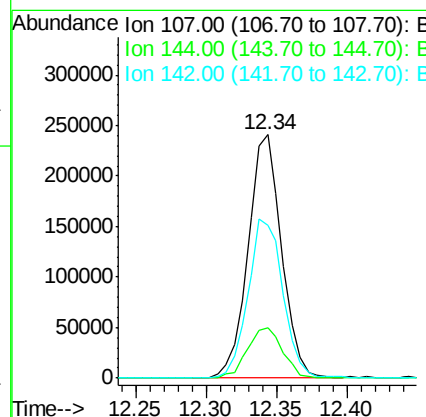
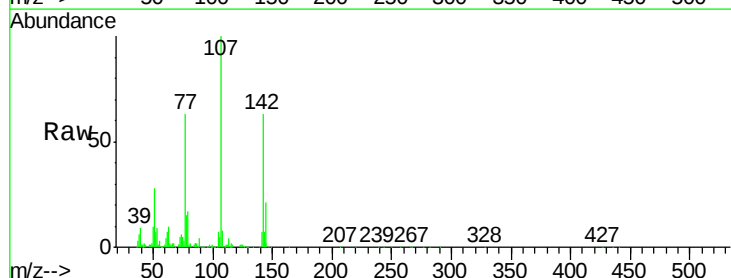
Manual Integrations  
 APPROVED

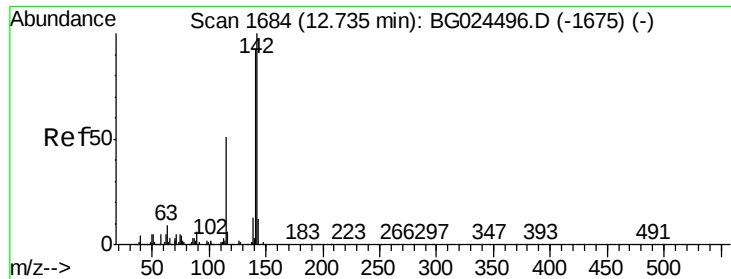
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#36  
 4-Chloro-3-methylphenol  
 Concen: 48.90 ng/ml  
 RT: 12.34 min Scan# 1618  
 Delta R.T. 0.00 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 107     | 100  |       |      |       |       |
| 144     | 20.7 |       | 17.4 | 26.0  |       |
| 142     | 62.8 |       | 54.1 | 81.1  |       |





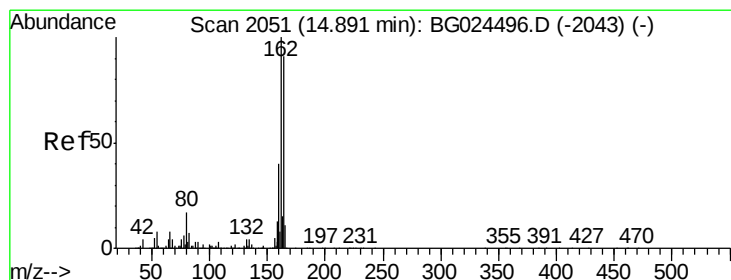
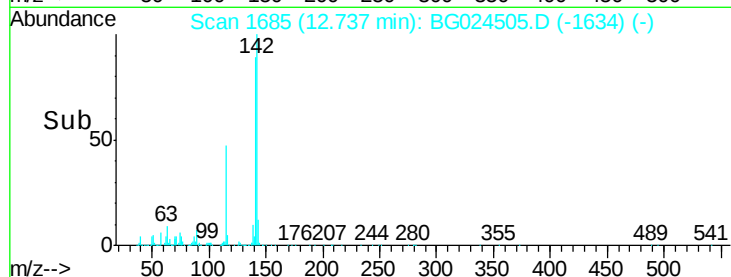
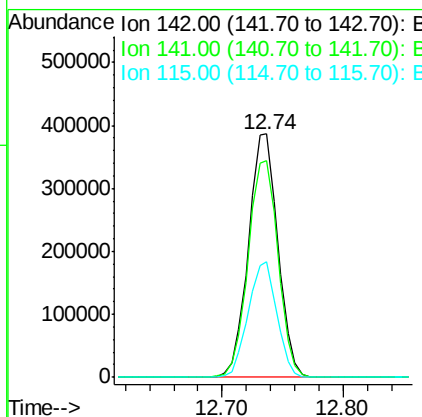
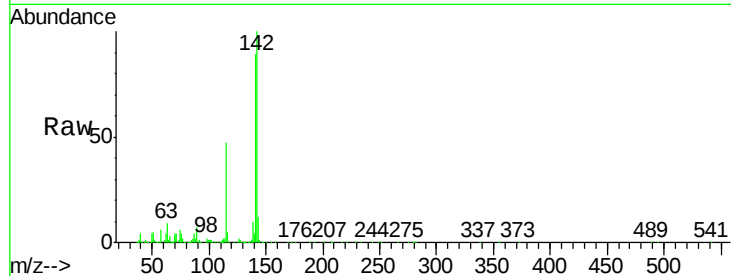
#37  
2-Methylnaphthalene  
Concen: 44.42 ng  
RT: 12.74 min Scan# 1685  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB94296BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.2  | 70.4  | 105.6 |
| 115     | 47.3  | 35.5  | 53.3  |

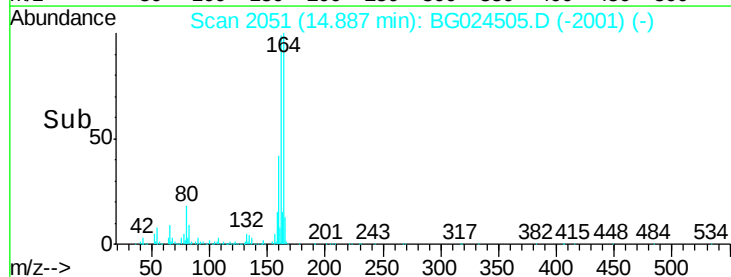
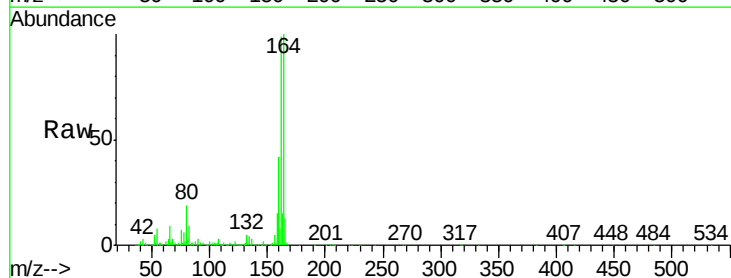
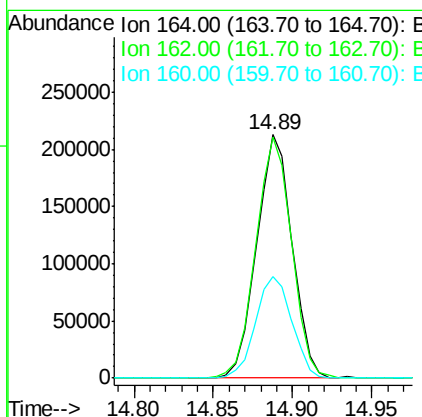
Manual Integrations  
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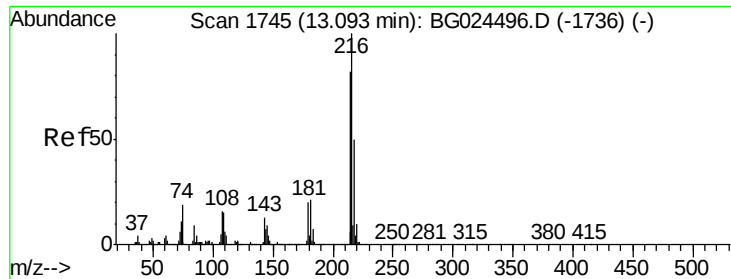
sohil  
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.89 min Scan# 2051  
Delta R.T. -0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.2  | 85.1  | 127.7 |
| 160     | 41.7  | 34.7  | 52.1  |





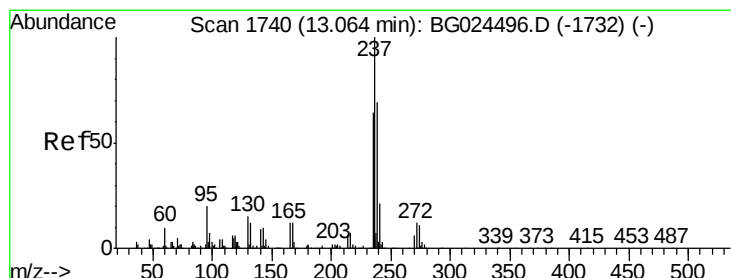
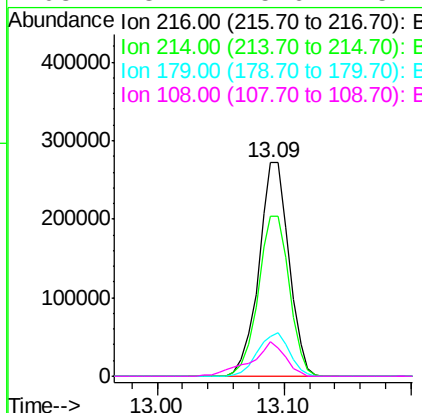
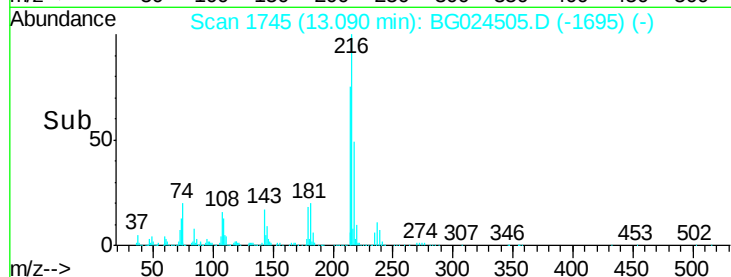
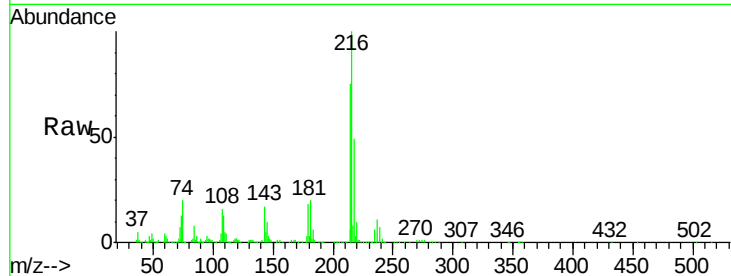
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.30 ng  
 RT: 13.09 min Scan# 1745  
 Delta R.T. -0.00 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB94296BSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 450037 |       |       |
| 214     | 77.3 |       | 64.4   | 96.6  |       |
| 179     | 21.2 |       | 17.4   | 26.0  |       |
| 108     | 18.1 |       | 15.6   | 23.4  |       |

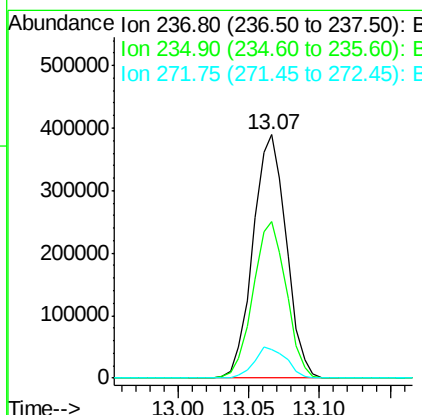
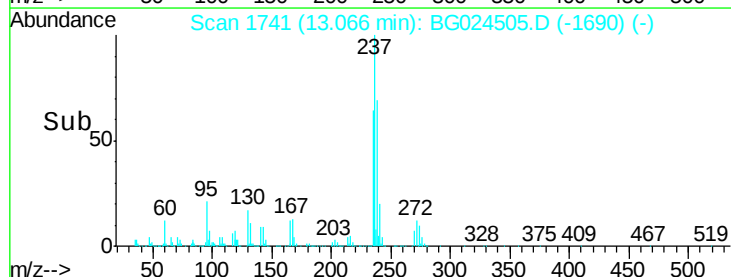
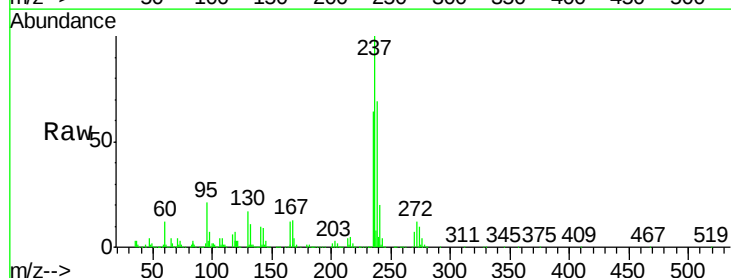
Manual Integrations  
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#40  
 Hexachlorocyclopentadiene  
 Concen: 102.57 ng  
 RT: 13.07 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 237     | 100  |       | 644976 |       |       |
| 235     | 64.1 |       | 39.4   | 79.4  |       |
| 272     | 11.9 |       | 0.0    | 32.0  |       |





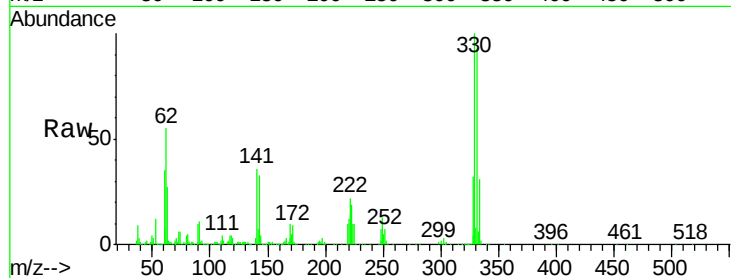
#41  
2,4,6-Tribromophenol  
Concen: 88.71 ng  
RT: 16.37 min Scan# 2303  
Delta R.T. -0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB94296BSD

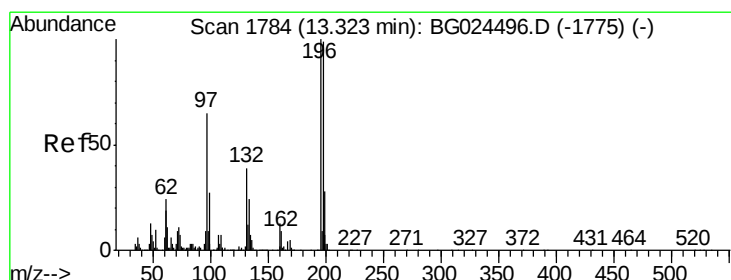
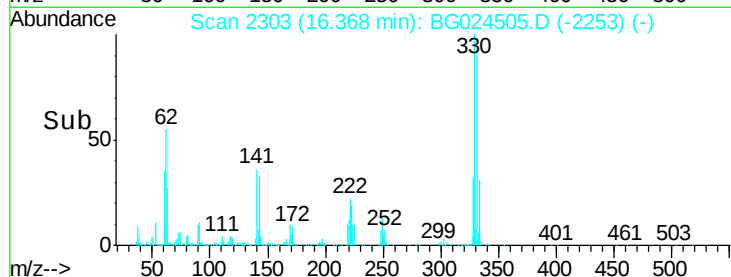
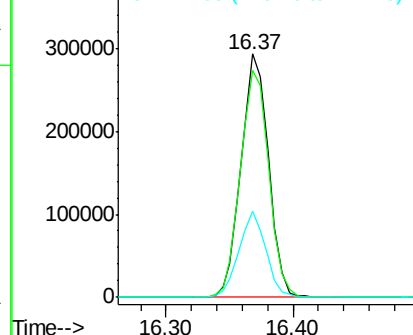
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.8  | 77.3  | 115.9 |
| 141     | 34.6  | 32.1  | 48.1  |

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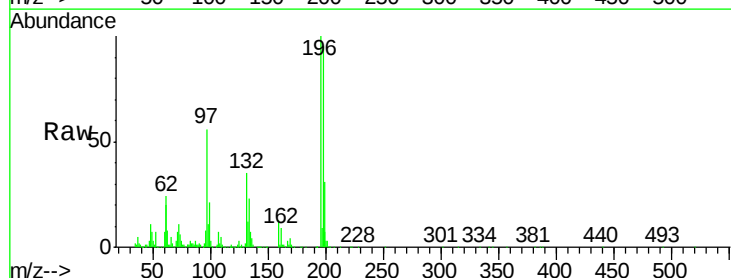


Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

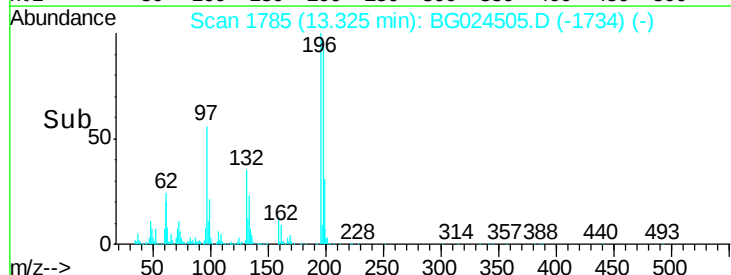
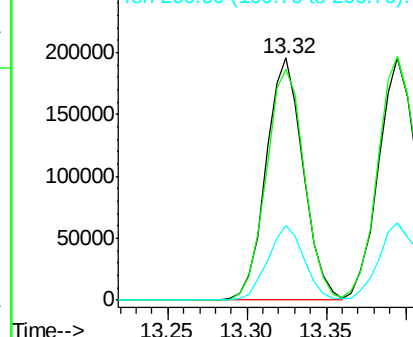


#42  
2,4,6-Trichlorophenol  
Concen: 47.42 ng  
RT: 13.32 min Scan# 1785  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.2  | 81.4  | 122.2 |
| 200     | 31.0  | 27.0  | 40.6  |



Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 200.00 (199.70 to 200.70): E





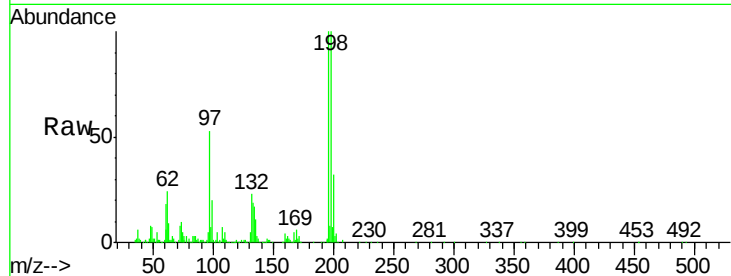
#43  
 2,4,5-Trichlorophenol  
 Concen: 45.05 ng  
 RT: 13.40 min Scan# 1797  
 Delta R.T. 0.00 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB94296BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 100.2 | 79.9 | 119.9 |       |
| 97      | 53.1  | 45.4 | 68.0  |       |
| 132     | 23.5  | 20.7 | 31.1  |       |

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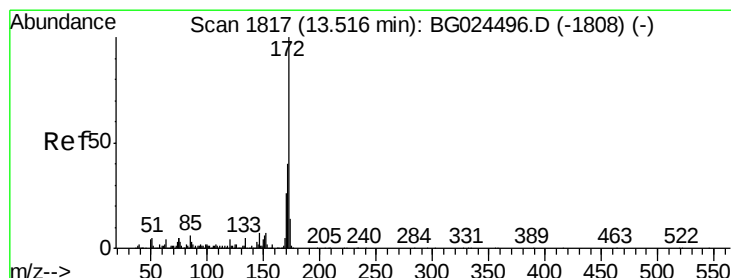
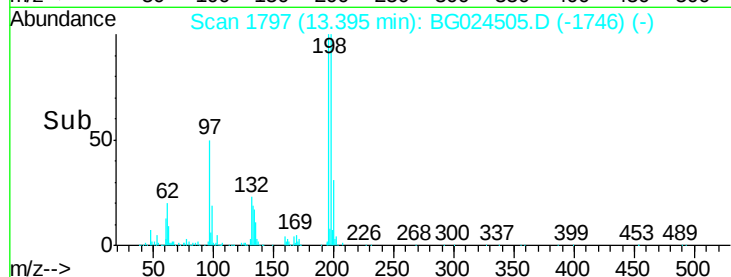
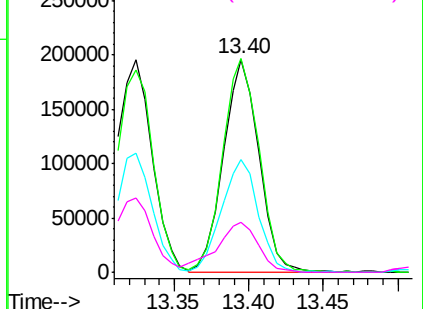
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 82.33 ng  
 RT: 13.51 min Scan# 1817  
 Delta R.T. -0.00 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

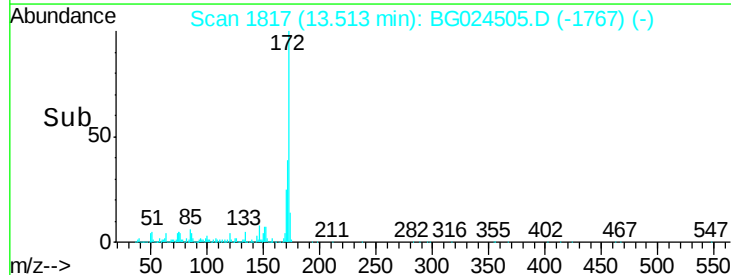
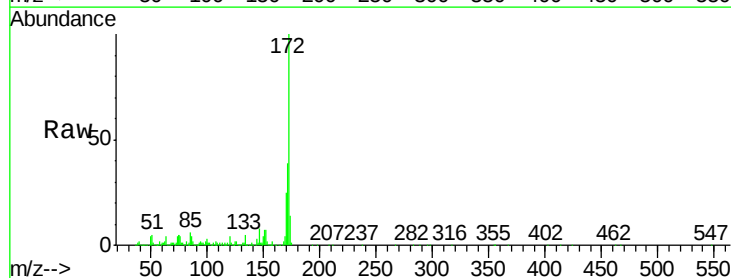
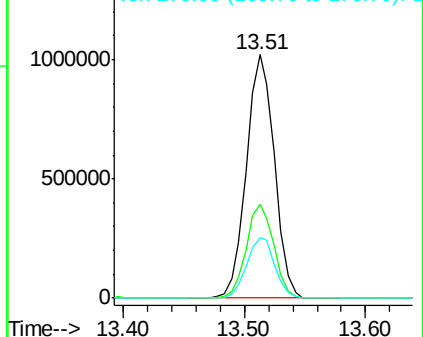
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 172     | 100   |      |       |       |
| 171     | 38.6  | 32.2 | 48.2  |       |
| 170     | 24.8  | 21.8 | 32.6  |       |

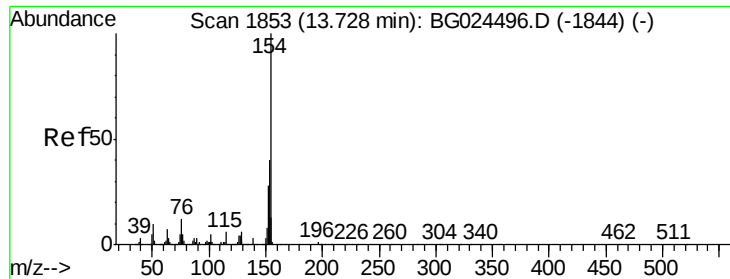
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.53 ng

RT: 13.72 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

Instrument :

BNA\_G

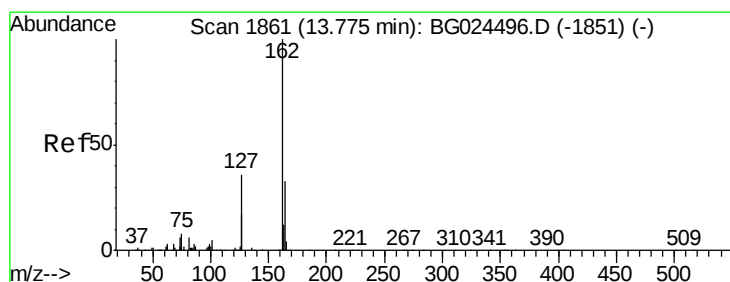
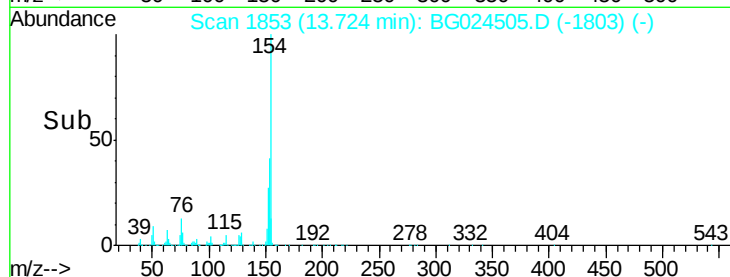
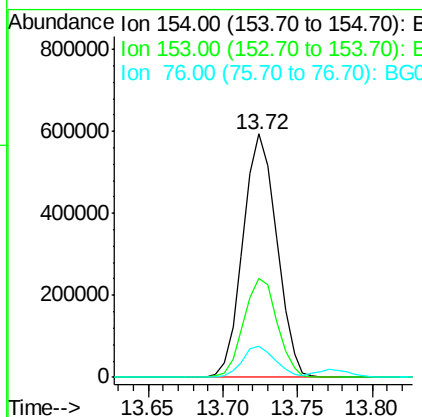
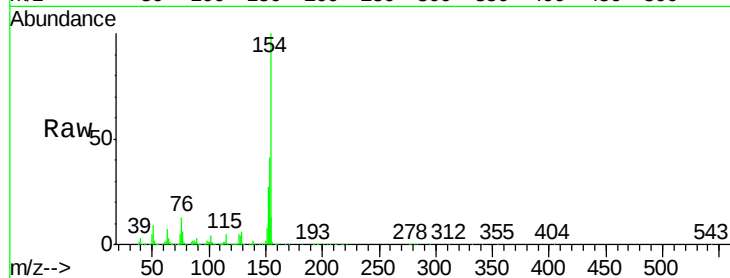
ClientSampleId :

PB94296BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 931161 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.9  | 23.0  | 63.0   |
| 76        | 13.0  | 0.0   | 33.5   |

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#46

2-Chloronaphthalene

Concen: 43.27 ng

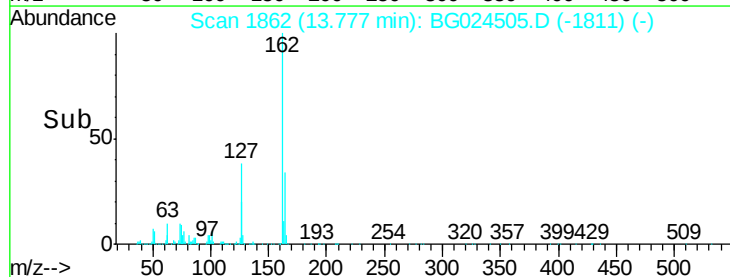
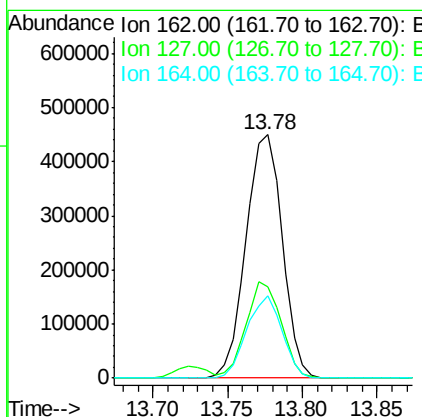
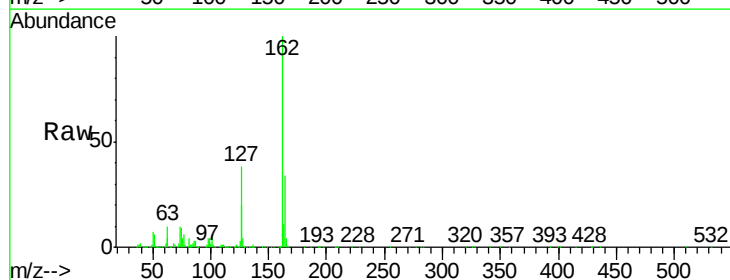
RT: 13.78 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 757002 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 37.6  | 32.2  | 48.4   |
| 164       | 33.6  | 27.3  | 40.9   |





#47

2-Nitroaniline

Concen: 45.71 ng

RT: 13.97 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

Instrument :

BNA\_G

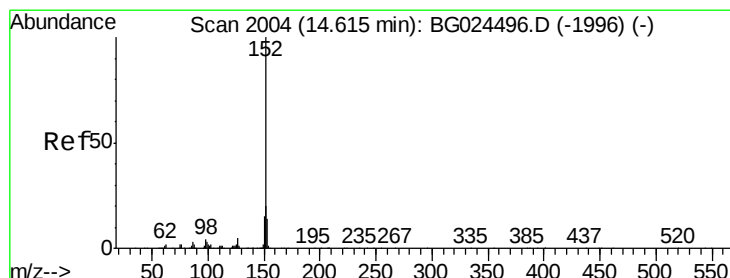
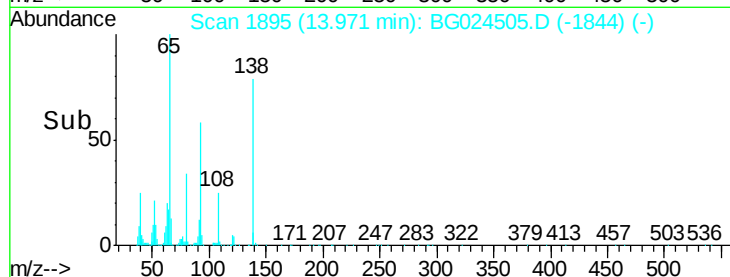
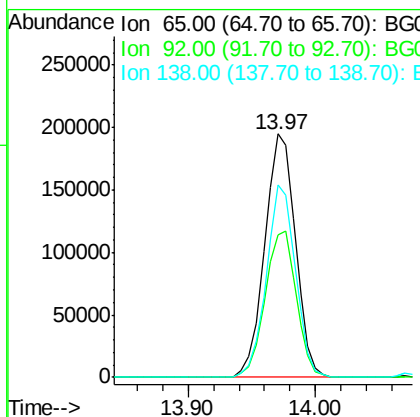
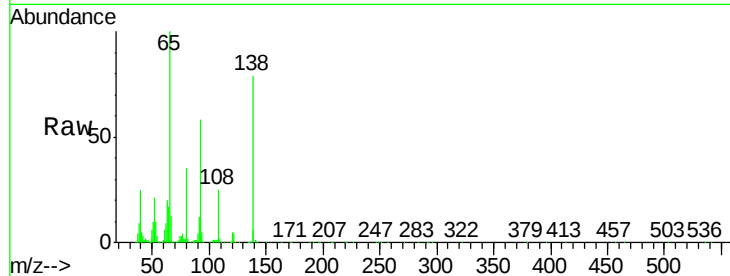
ClientSampleId :

PB94296BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 65    | Resp: | 327418 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 58.4  | 49.0  | 73.4   |
| 138       | 79.1  | 58.6  | 87.8   |

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#48

Acenaphthylene

Concen: 42.62 ng

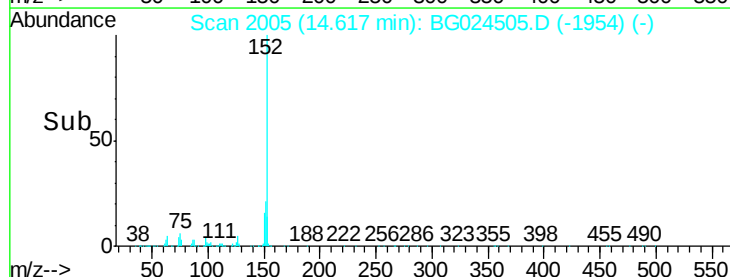
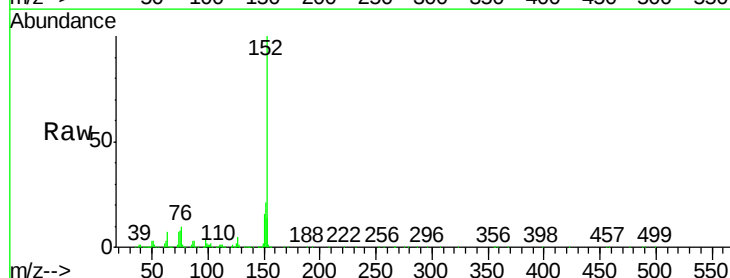
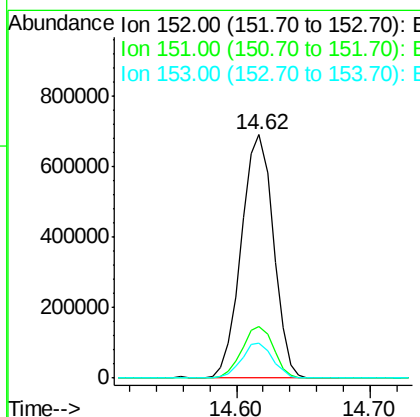
RT: 14.62 min Scan# 2005

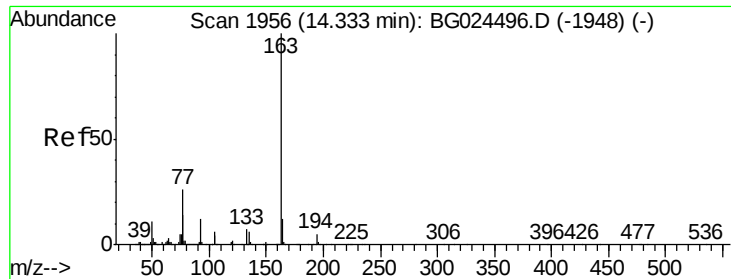
Delta R.T. 0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 152   | Resp: | 1143352 |
| Ion Ratio | Lower | Upper |         |
| 152       | 100   |       |         |
| 151       | 21.0  | 18.2  | 27.2    |
| 153       | 14.3  | 11.3  | 16.9    |





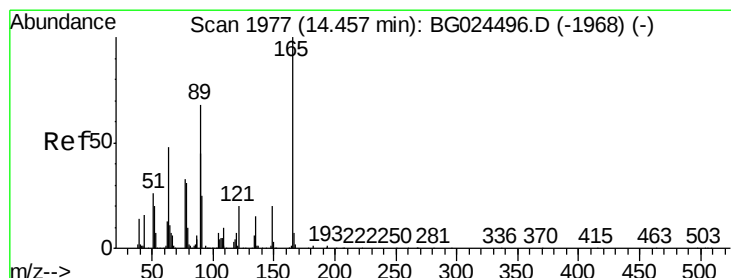
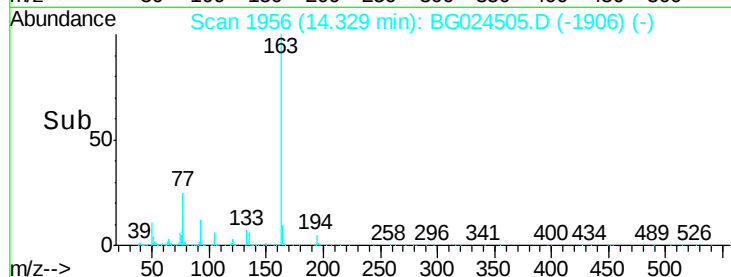
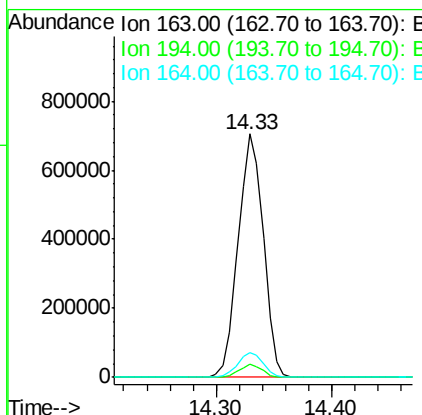
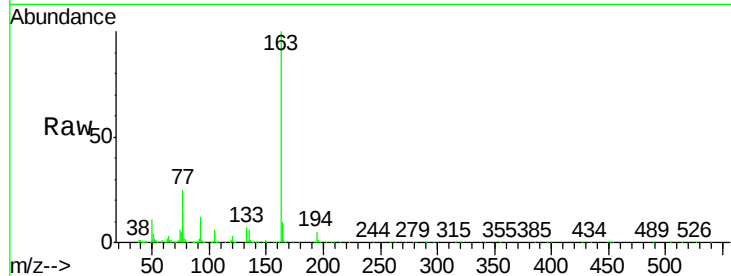
#49  
Dimethylphthalate  
Concen: 45.39 ng  
RT: 14.33 min Scan# 1956  
Delta R.T. -0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB94296BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 5.4   | 3.8   | 5.6   |
| 164     | 10.4  | 9.3   | 13.9  |

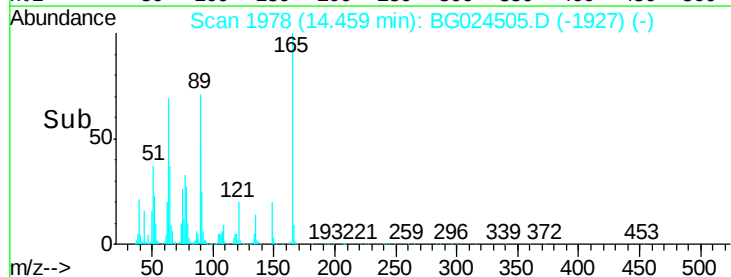
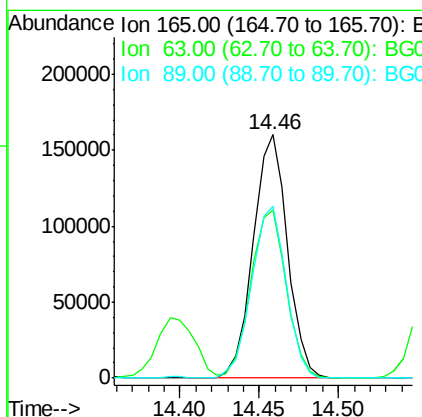
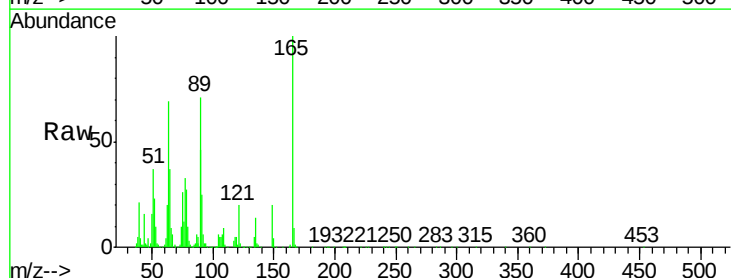
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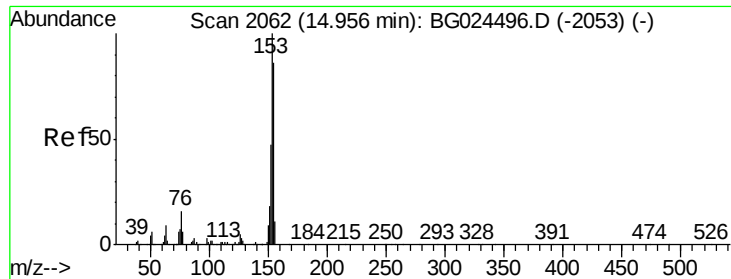
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#50  
2,6-Dinitrotoluene  
Concen: 48.08 ng  
RT: 14.46 min Scan# 1978  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 69.1  | 63.9  | 95.9  |
| 89      | 70.8  | 58.6  | 88.0  |





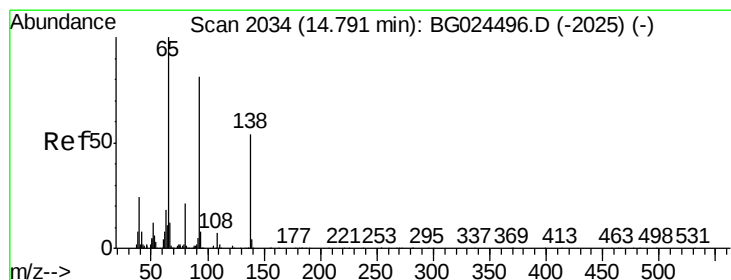
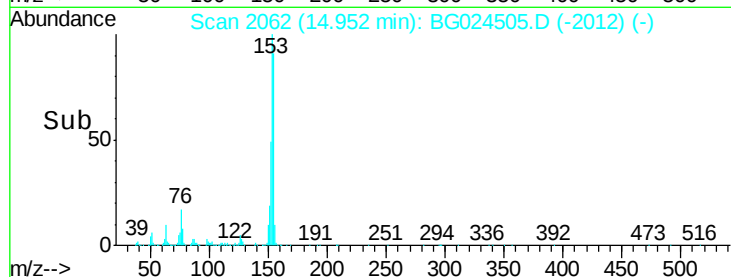
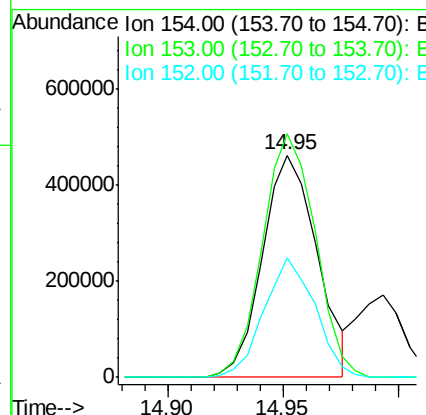
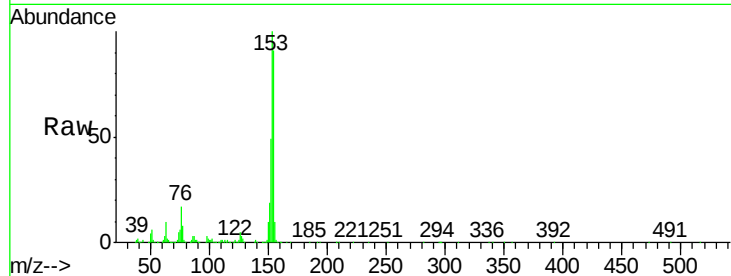
#51  
Acenaphthene  
Concen: 37.91 ng  
RT: 14.95 min Scan# 2062  
Delta R.T. -0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB94296BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 109.8 | 87.8  | 131.6 |
| 152     | 53.7  | 42.2  | 63.4  |

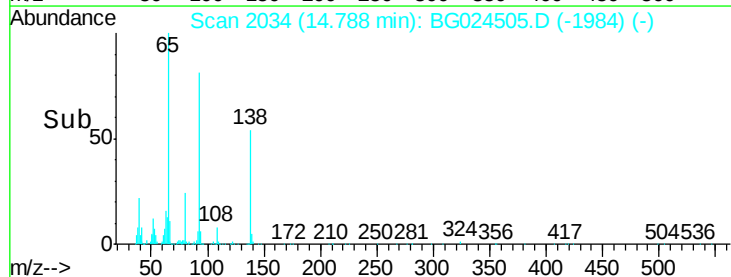
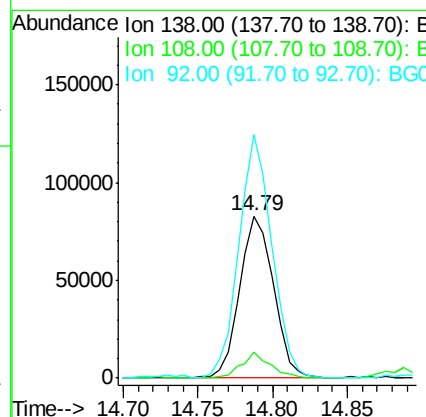
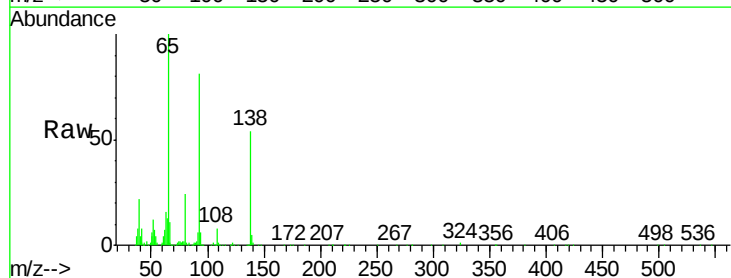
Manual Integrations  
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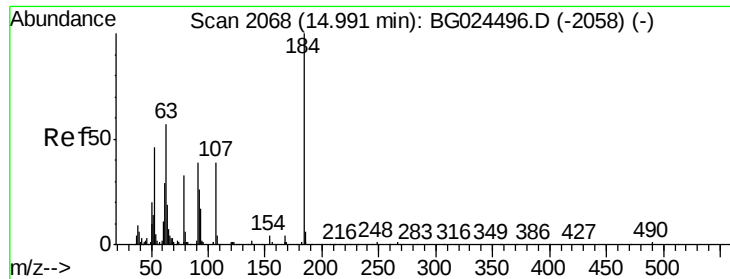
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#52  
3-Nitroaniline  
Concen: 25.25 ng  
RT: 14.79 min Scan# 2034  
Delta R.T. -0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 15.8  | 10.9  | 16.3  |
| 92      | 150.2 | 115.3 | 172.9 |





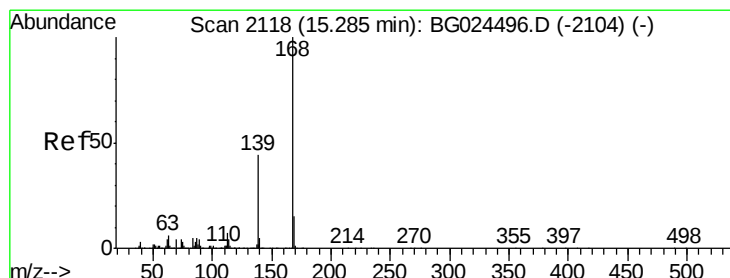
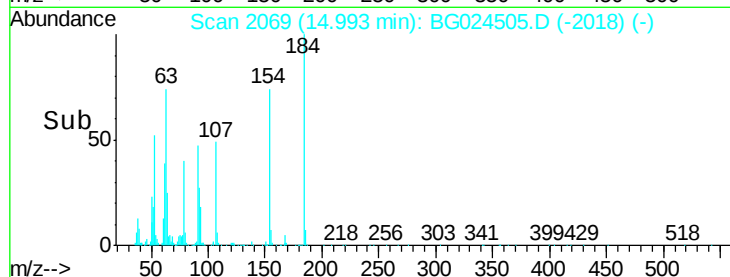
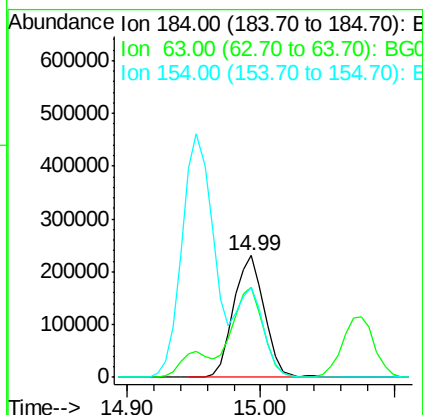
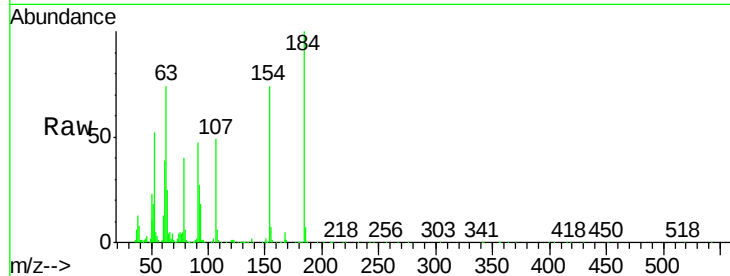
#53  
2,4-Dinitrophenol  
Concen: 101.60 ng  
RT: 14.99 min Scan# 2069  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB94296BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 73.5  | 52.7  | 79.1  |
| 154     | 73.8  | 57.3  | 85.9  |

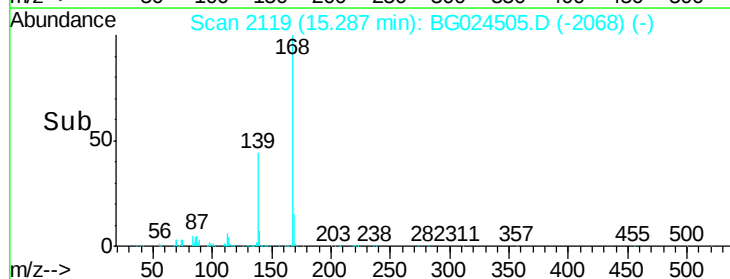
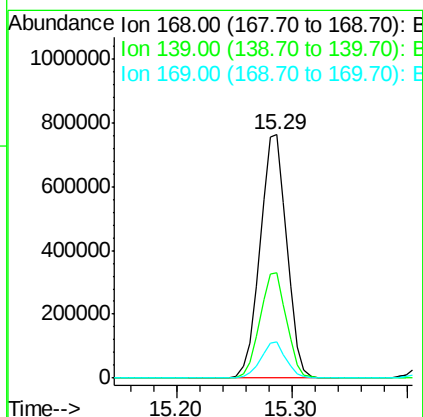
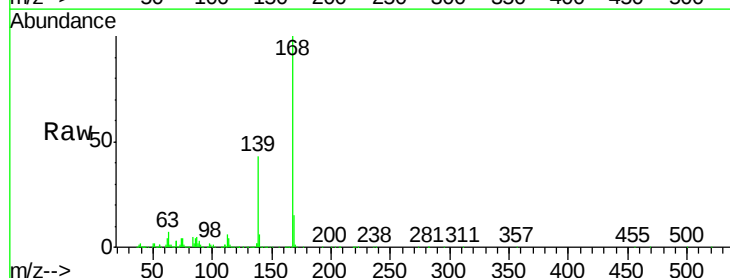
Manual Integrations  
APPROVED

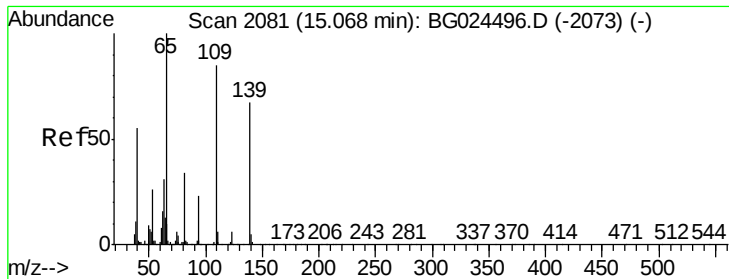
sohil  
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#54  
Dibenzofuran  
Concen: 44.35 ng  
RT: 15.29 min Scan# 2119  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 43.4  | 35.3  | 52.9  |
| 169     | 14.8  | 11.5  | 17.3  |





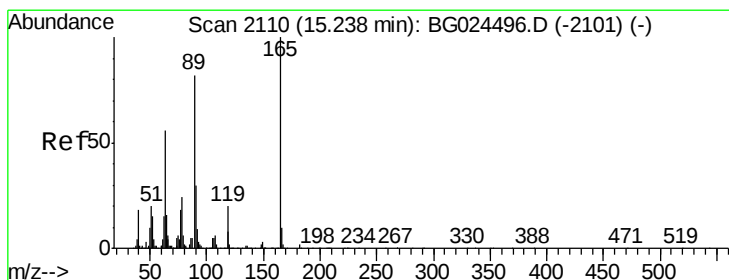
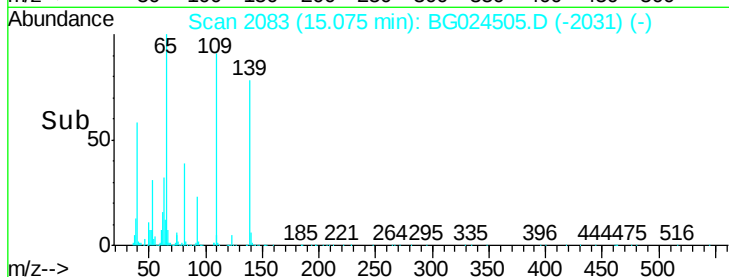
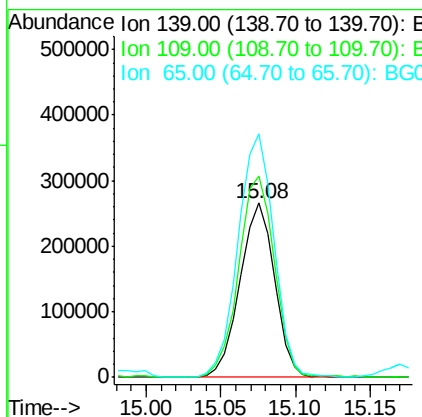
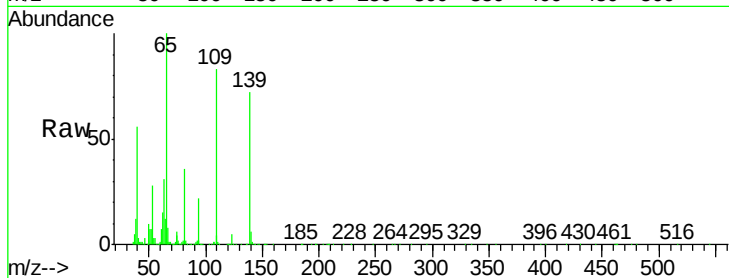
#55  
4-Nitrophenol  
Concen: 94.74 ng  
RT: 15.08 min Scan# 2083  
Delta R.T. 0.01 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB94296BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 115.4 | 101.2 | 141.2 |
| 65      | 139.7 | 135.3 | 175.3 |

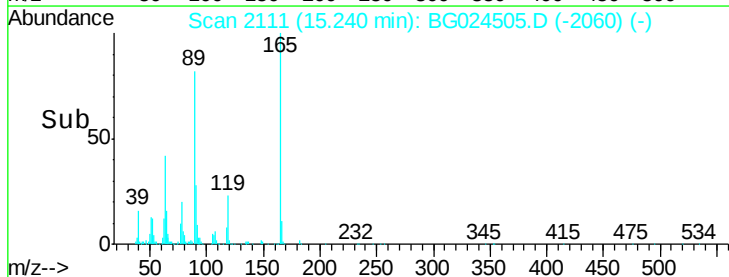
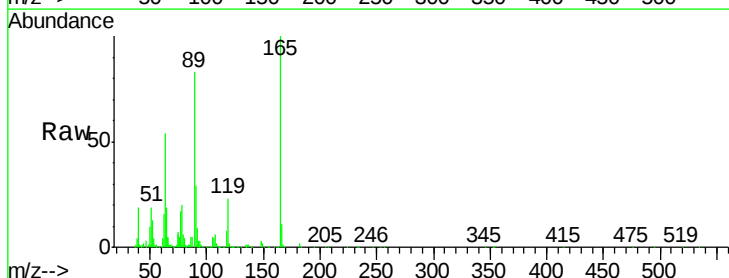
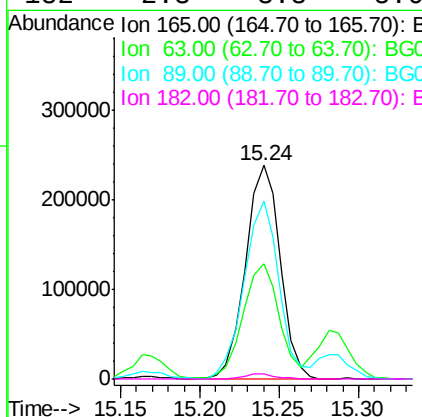
Manual Integrations  
APPROVED

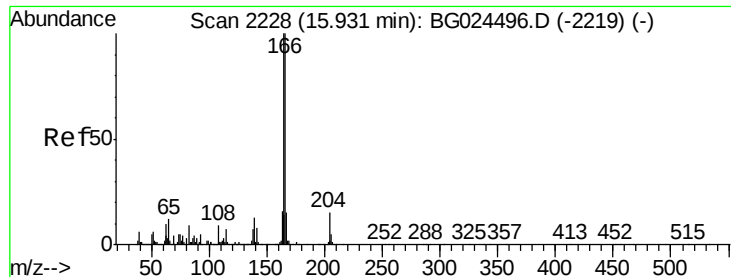
sohil  
10/26/2016 4:51:13 PM



#56  
2,4-Dinitrotoluene  
Concen: 49.57 ng  
RT: 15.24 min Scan# 2111  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 54.2  | 44.0  | 66.0  |
| 89      | 83.1  | 67.3  | 100.9 |
| 182     | 2.3   | 3.8   | 5.6#  |





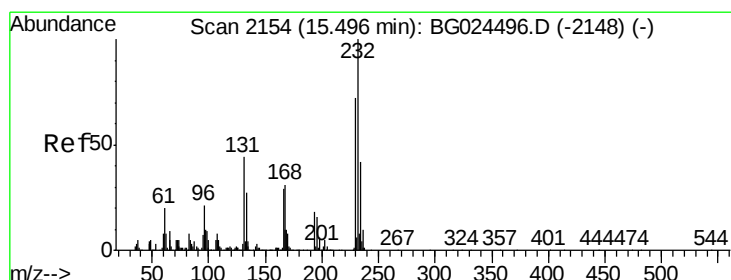
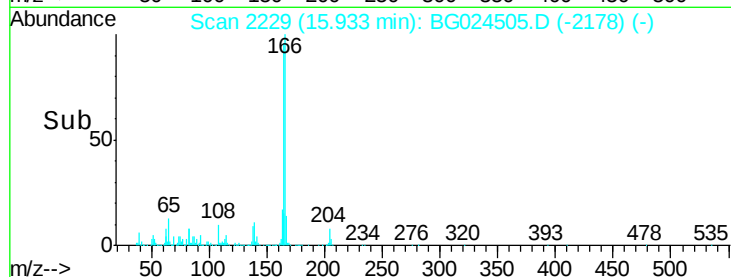
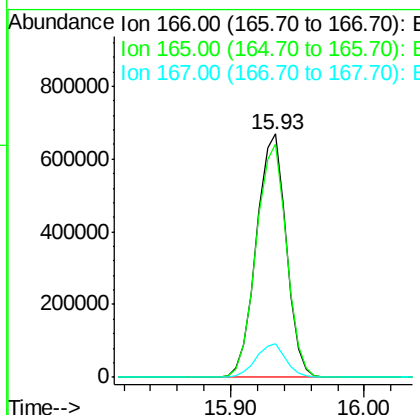
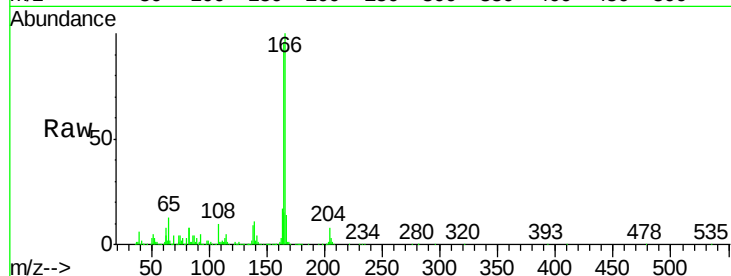
#57  
**Fluorene**  
 Concen: 44.81 ng  
 RT: 15.93 min Scan# 2229  
 Delta R.T. 0.00 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB94296BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.1  | 78.6  | 117.8 |
| 167     | 14.1  | 11.6  | 17.4  |

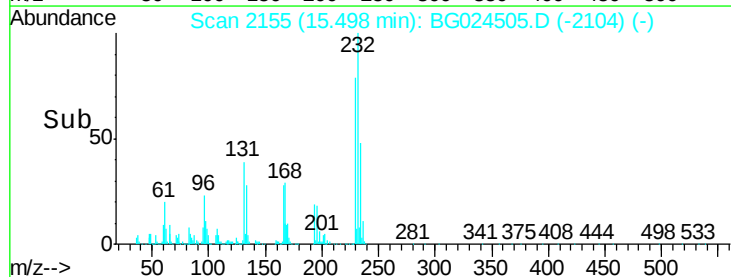
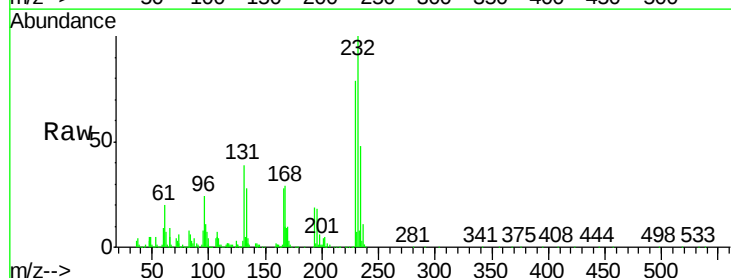
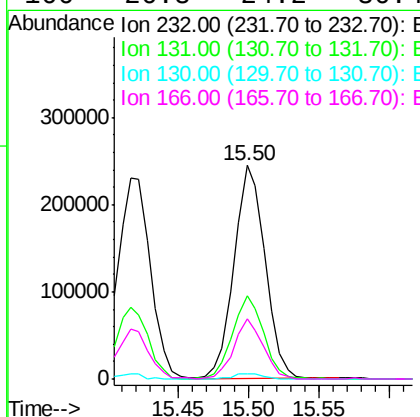
Manual Integrations  
 APPROVED

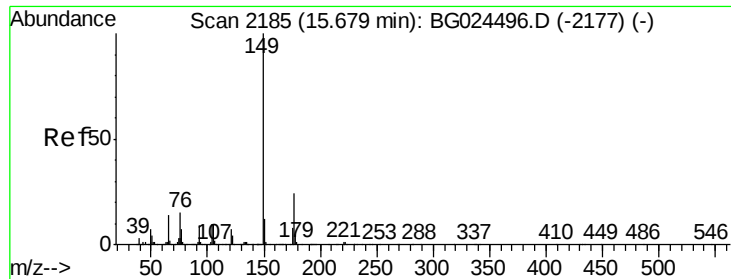
sohil  
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#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 49.86 ng  
 RT: 15.50 min Scan# 2155  
 Delta R.T. 0.00 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 38.5  | 34.9  | 52.3  |
| 130     | 2.6   | 2.3   | 3.5   |
| 166     | 26.8  | 24.2  | 36.4  |





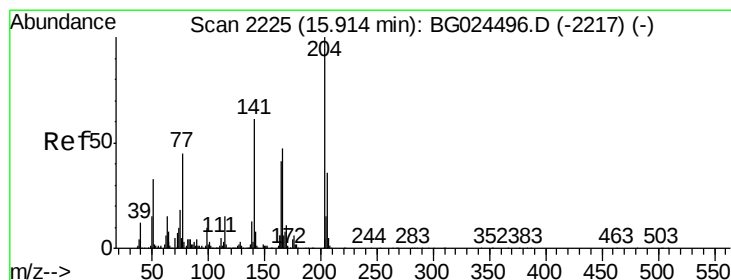
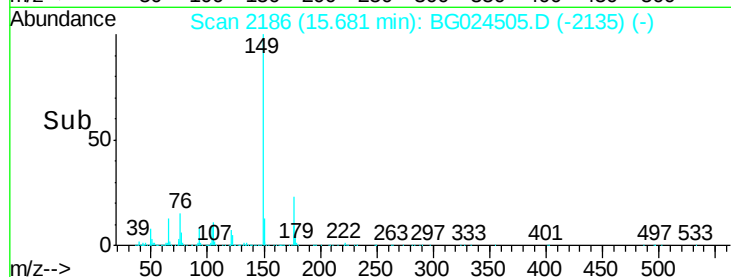
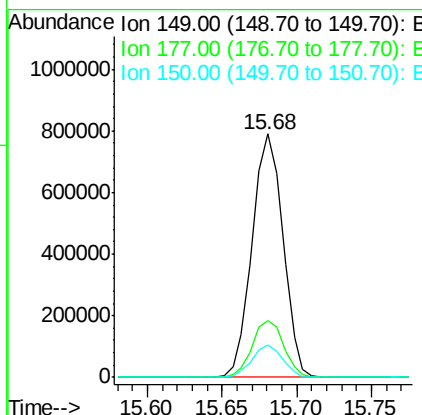
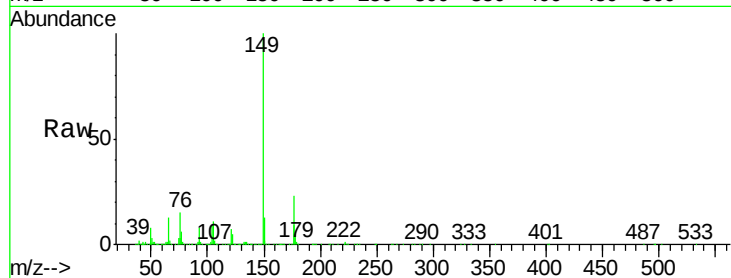
#59  
Diethylphthalate  
Concen: 45.71 ng  
RT: 15.68 min Scan# 2186  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB94296BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.4  | 20.1  | 30.1  |
| 150     | 13.4  | 10.2  | 15.2  |

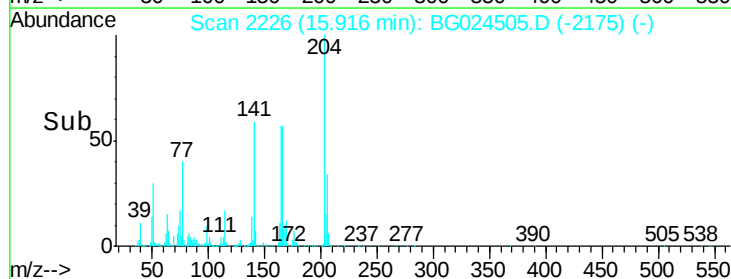
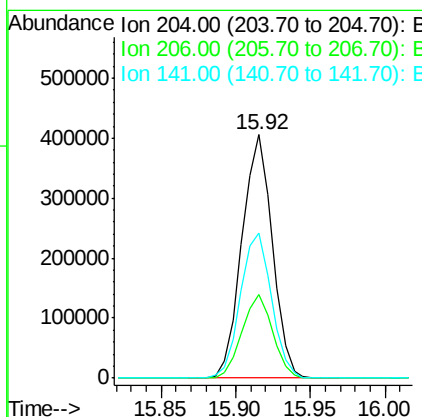
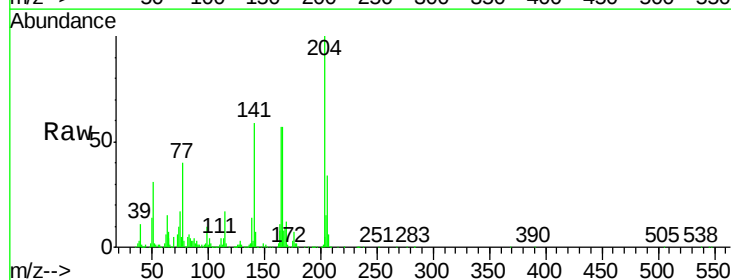
Manual Integrations  
APPROVED

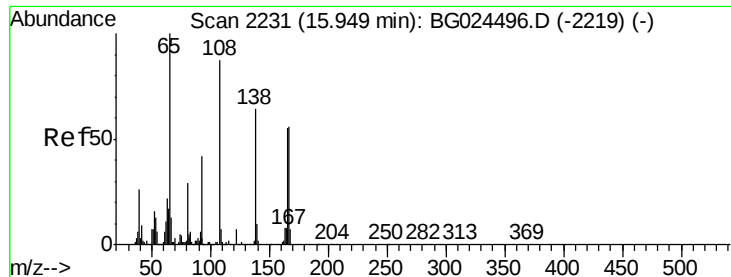
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#60  
4-Chlorophenyl-phenylether  
Concen: 44.40 ng  
RT: 15.92 min Scan# 2226  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.3  | 30.1  | 45.1  |
| 141     | 59.4  | 50.6  | 76.0  |





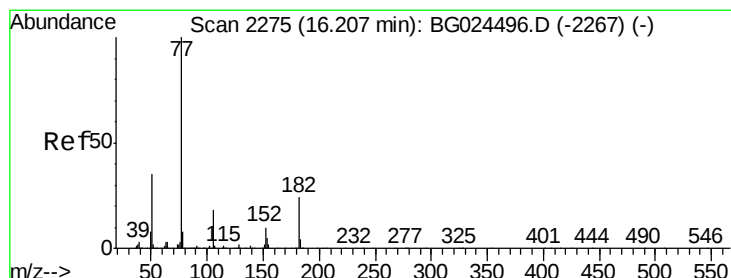
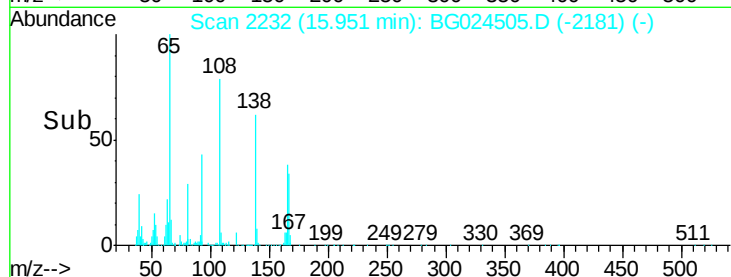
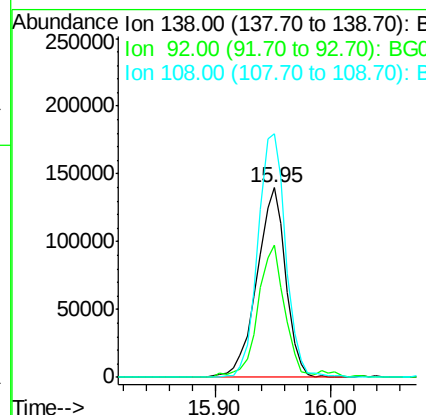
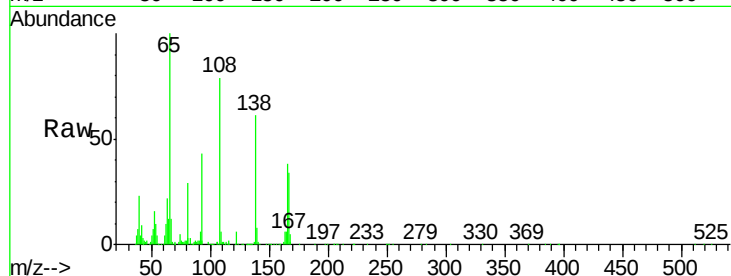
#61  
4-Nitroaniline  
Concen: 42.96 ng  
RT: 15.95 min Scan# 2232  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB94296BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 69.9  | 44.2  | 84.2  |
| 108     | 128.3 | 104.8 | 144.8 |

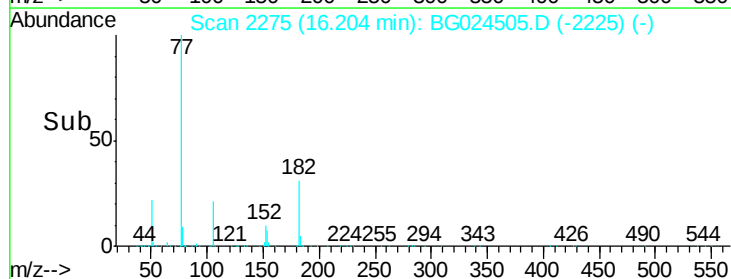
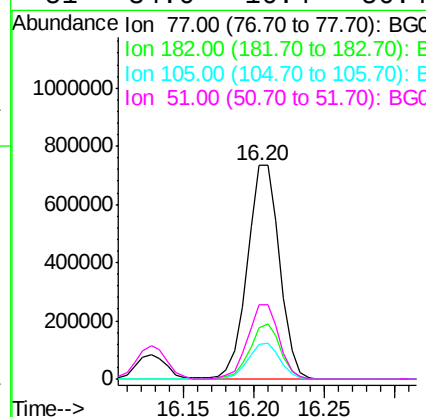
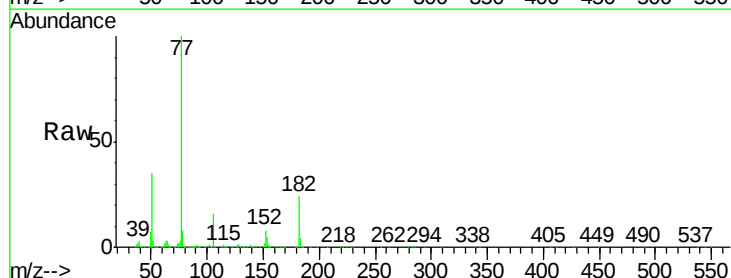
Manual Integrations  
APPROVED

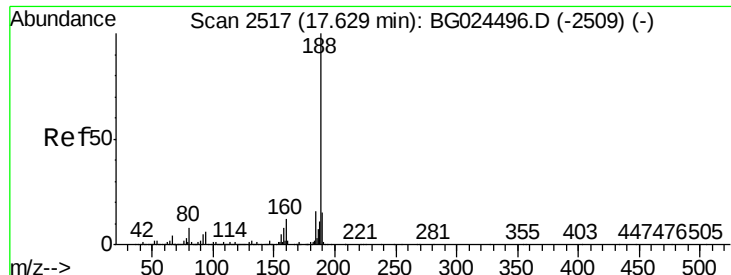
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#62  
Azobenzene  
Concen: 47.61 ng  
RT: 16.20 min Scan# 2275  
Delta R.T. -0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 24.1  | 4.7   | 44.7  |
| 105     | 16.3  | 0.0   | 36.3  |
| 51      | 34.6  | 16.4  | 56.4  |





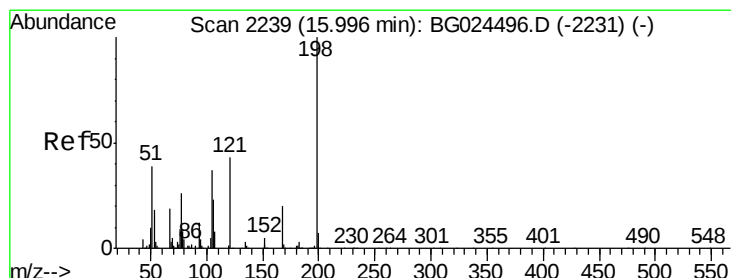
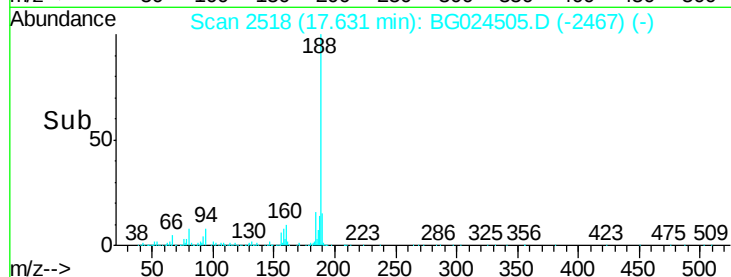
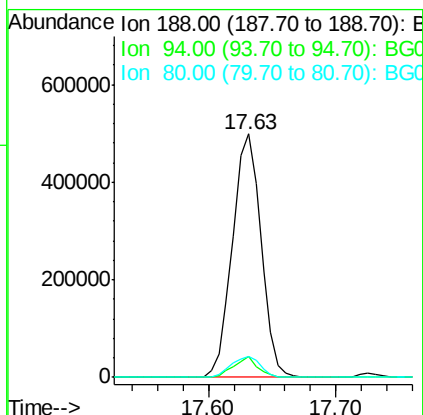
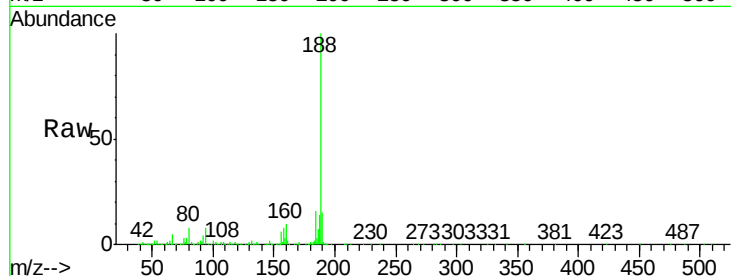
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.63 min Scan# 2518  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB94296BSD

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 8.5   | 5.8        | 8.8        |
| 80      | 8.3   | 7.5        | 11.3       |

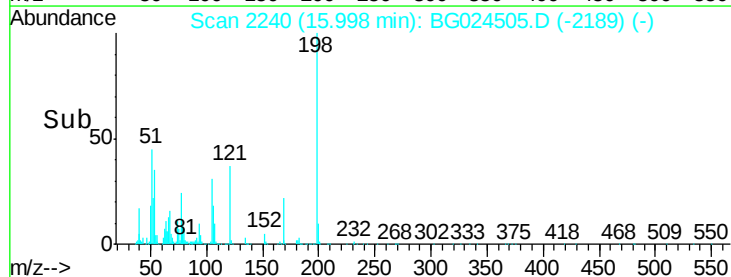
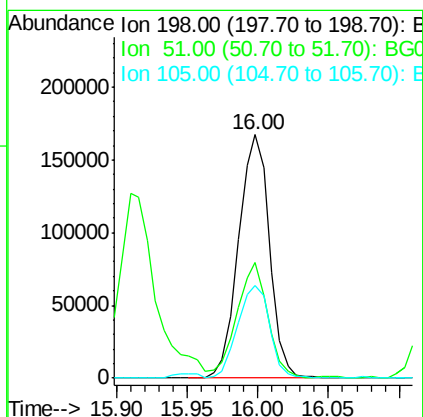
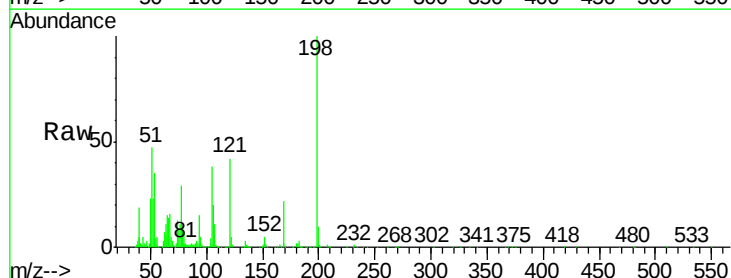
Manual Integrations  
APPROVED

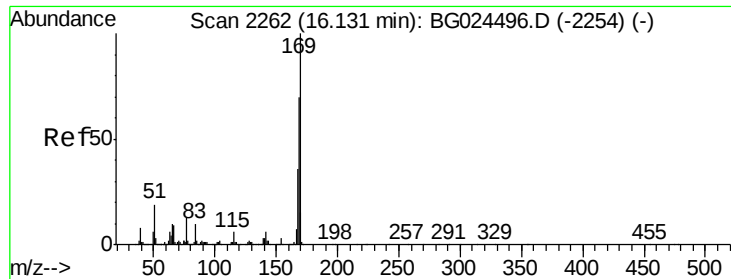
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 47.75 ng  
RT: 16.00 min Scan# 2240  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 47.4  | 22.6       | 62.6       |
| 105     | 37.8  | 14.4       | 54.4       |





#65

n-Nitrosodiphenylamine

Concen: 45.40 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

Instrument :

BNA\_G

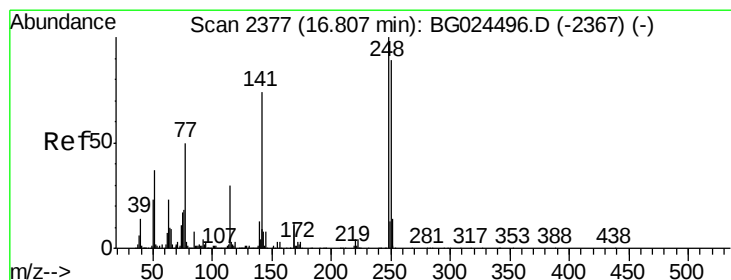
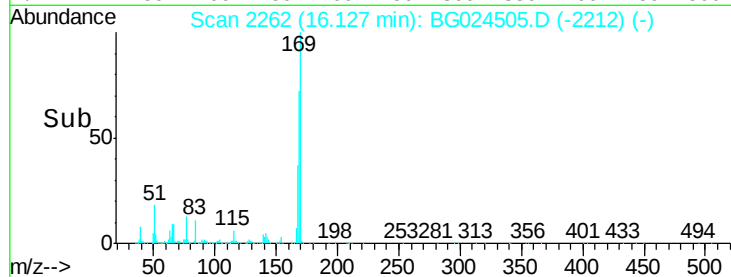
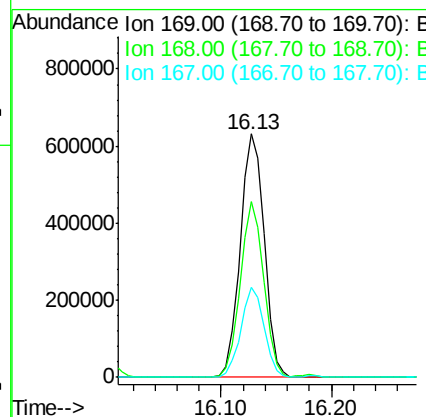
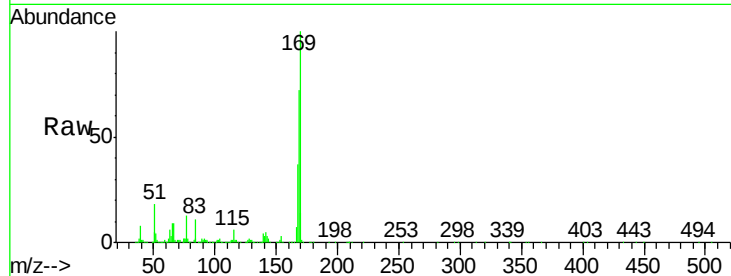
ClientSampleId :

PB94296BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 963444 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 72.2  | 55.7  | 83.5   |
| 167       | 37.0  | 29.8  | 44.6   |

Manual Integrations  
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#66

4-Bromophenyl-phenylether

Concen: 44.67 ng

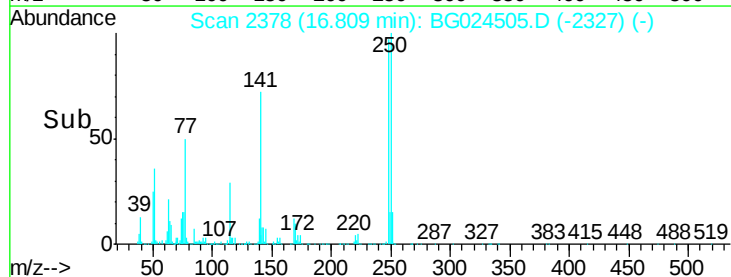
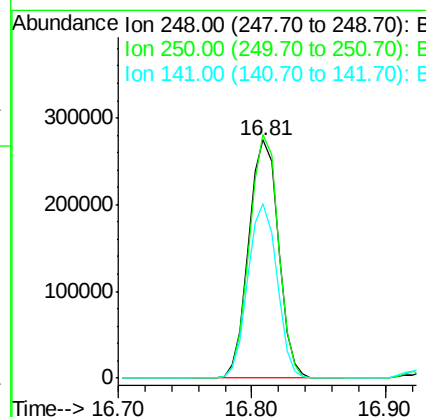
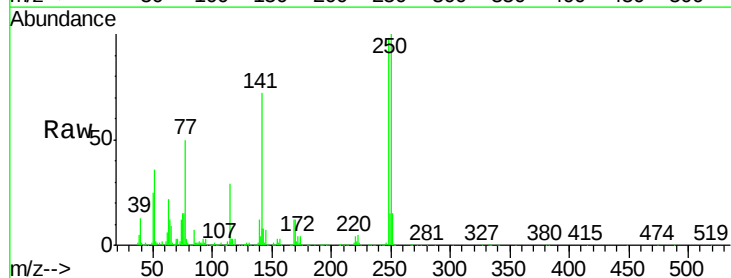
RT: 16.81 min Scan# 2378

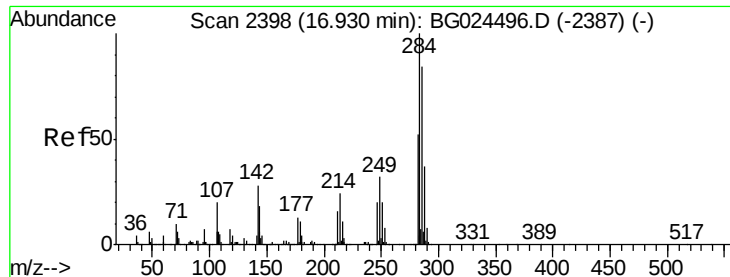
Delta R.T. 0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 420993 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 102.4 | 75.0  | 112.6  |
| 141       | 73.4  | 55.2  | 82.8   |





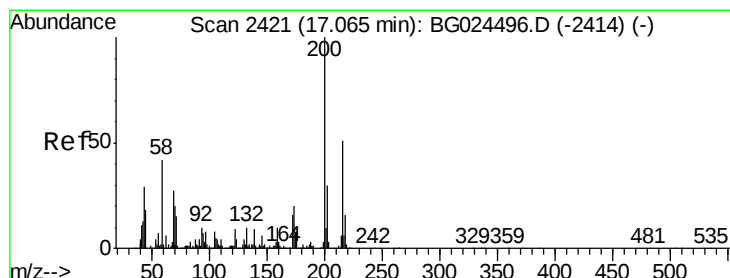
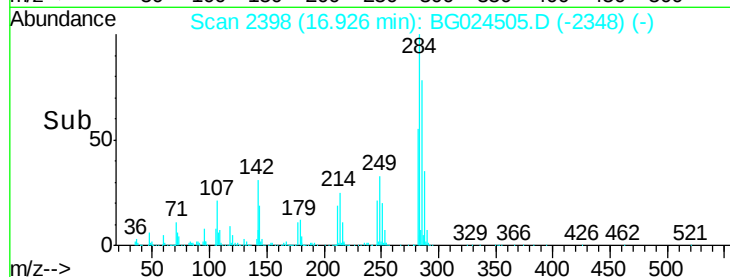
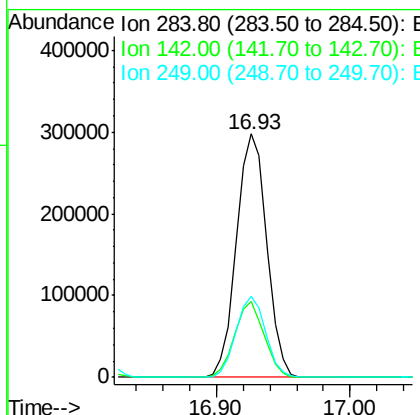
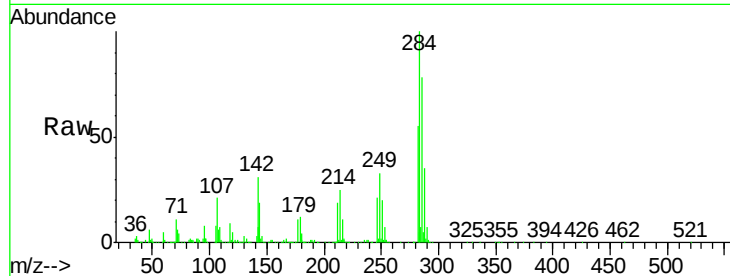
#67  
Hexachlorobenzene  
Concen: 44.84 ng  
RT: 16.93 min Scan# 2398  
Delta R.T. -0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB94296BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 31.1  | 29.9 | 44.9  |       |
| 249     | 33.5  | 29.2 | 43.8  |       |

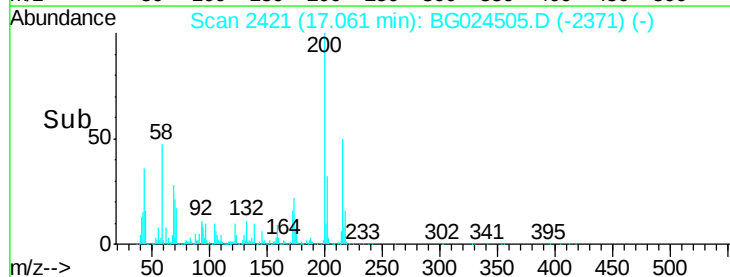
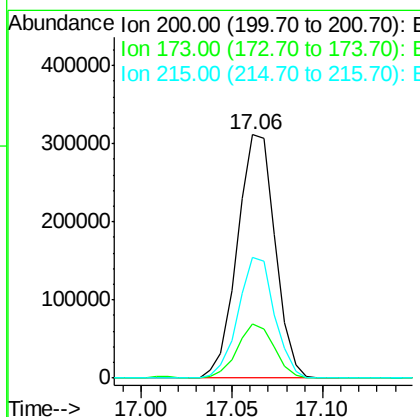
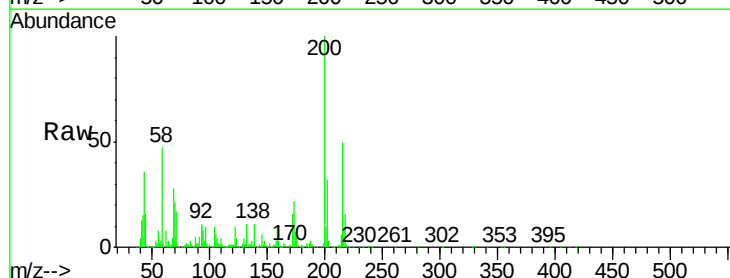
Manual Integrations  
APPROVED

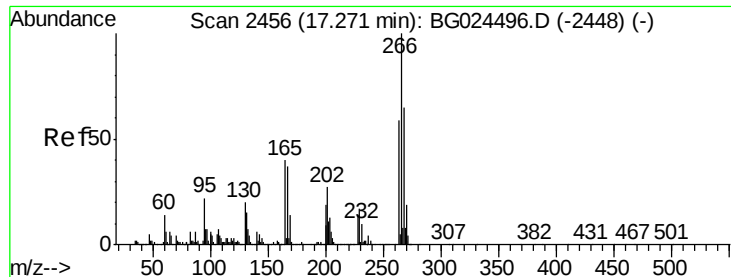
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10/26/2016 4:51:13 PM



#68  
Atrazine  
Concen: 49.45 ng  
RT: 17.06 min Scan# 2421  
Delta R.T. -0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 22.5  | 3.0  | 43.0  |       |
| 215     | 49.8  | 28.4 | 68.4  |       |





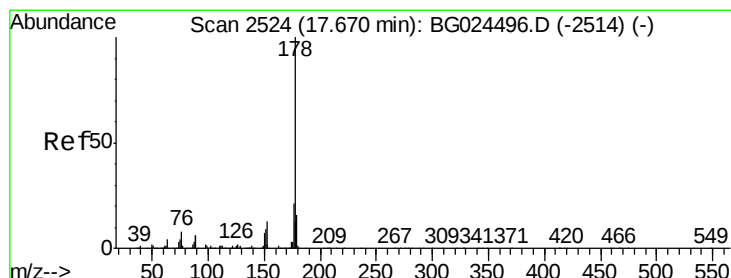
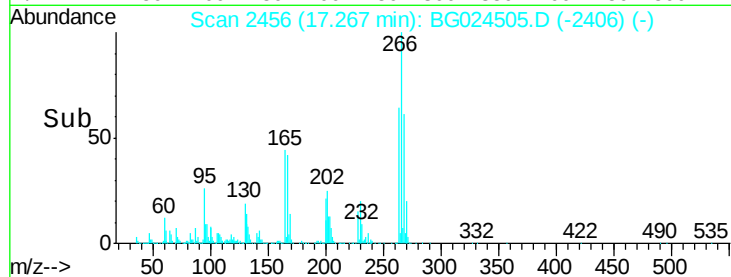
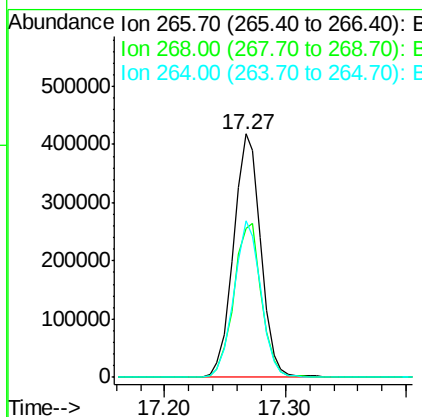
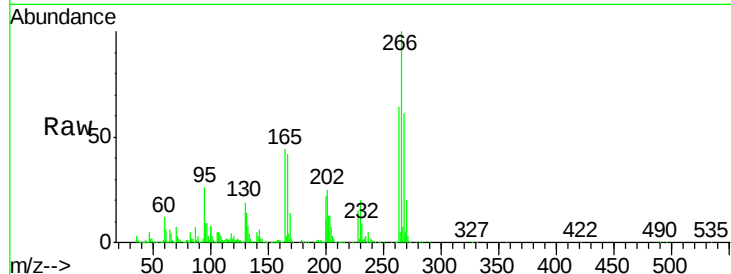
#69  
 Pentachlorophenol  
 Concen: 95.82 ng  
 RT: 17.27 min Scan# 2456  
 Delta R.T. -0.00 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB94296BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.1  | 48.6  | 72.8  |
| 264     | 64.1  | 50.1  | 75.1  |

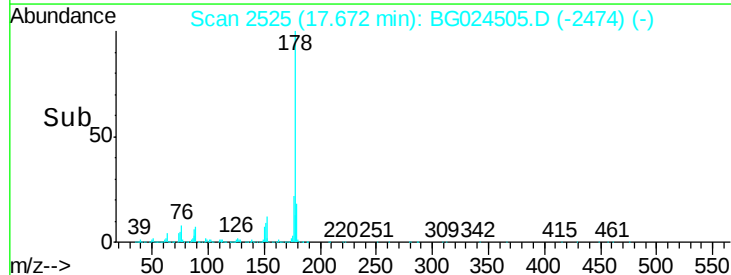
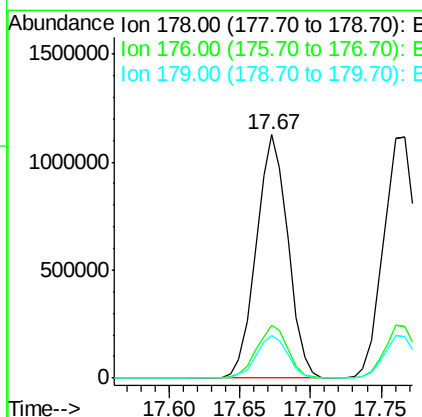
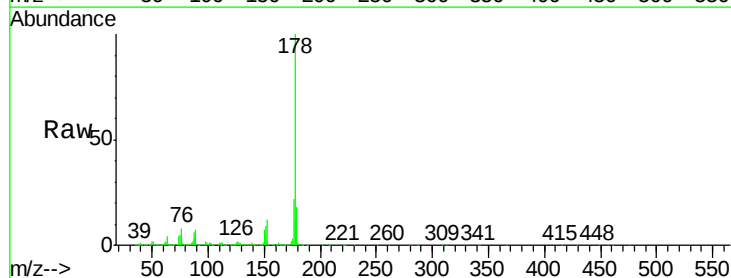
Manual Integrations  
 APPROVED

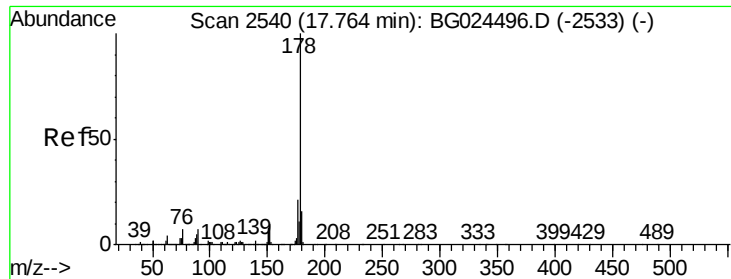
sohil  
 10/26/2016 4:51:13 PM



#70  
 Phenanthrene  
 Concen: 44.84 ng  
 RT: 17.67 min Scan# 2525  
 Delta R.T. 0.00 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 21.9  | 17.7  | 26.5  |
| 179     | 17.5  | 15.0  | 22.6  |





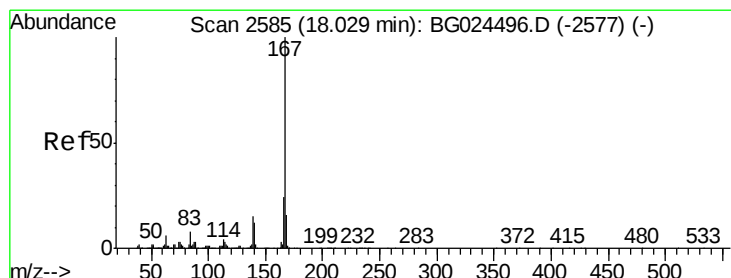
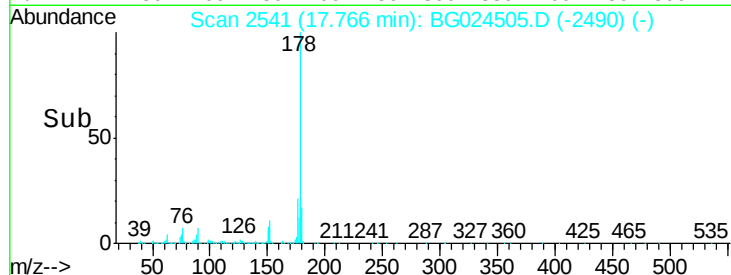
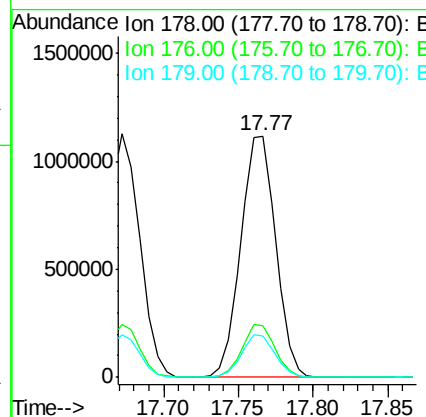
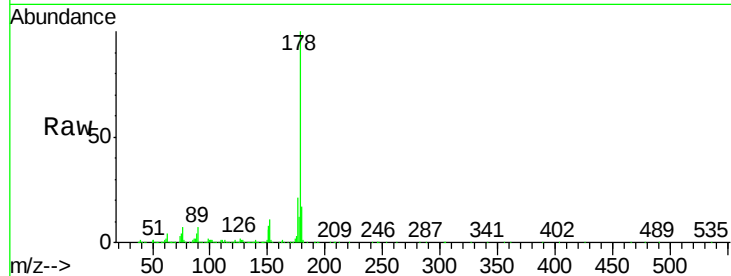
#71  
 Anthracene  
 Concen: 45.40 ng  
 RT: 17.77 min Scan# 2541  
 Delta R.T. 0.00 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB94296BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 21.3  | 16.4  | 24.6  |
| 179     | 17.0  | 13.8  | 20.8  |

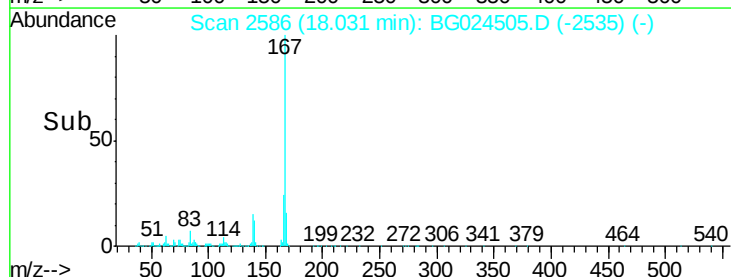
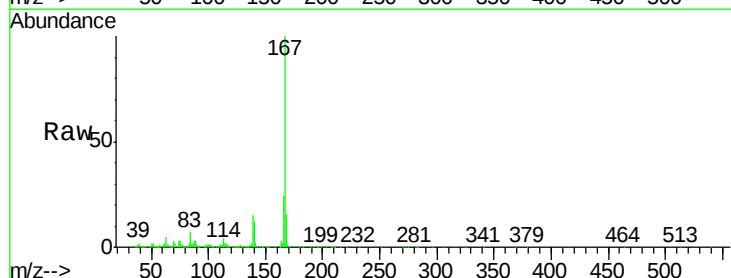
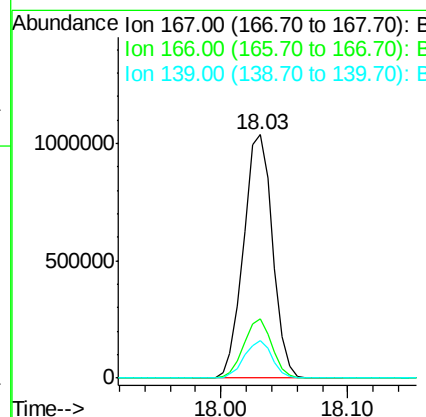
Manual Integrations  
 APPROVED

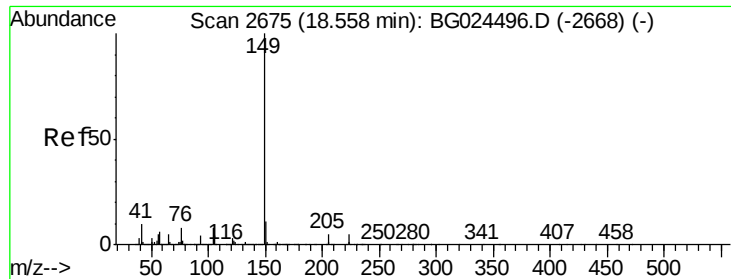
sohil  
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#72  
 Carbazole  
 Concen: 45.21 ng  
 RT: 18.03 min Scan# 2586  
 Delta R.T. 0.00 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.3  | 20.2  | 30.2  |
| 139     | 15.2  | 12.8  | 19.2  |





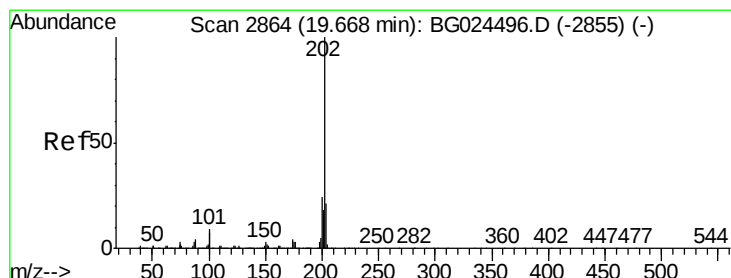
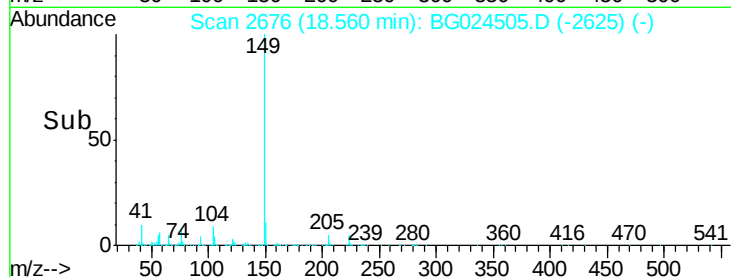
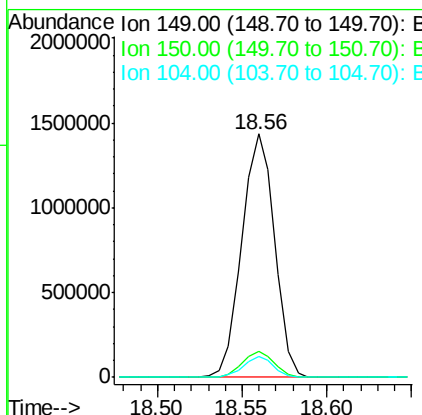
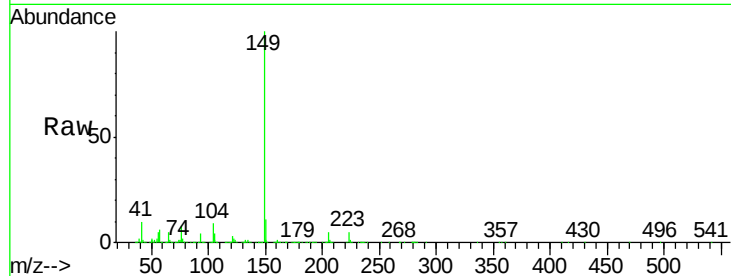
#73  
Di-n-butylphthalate  
Concen: 46.08 ng  
RT: 18.56 min Scan# 2676  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB94296BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.6  | 9.1   | 13.7  |
| 104     | 8.7   | 6.7   | 10.1  |

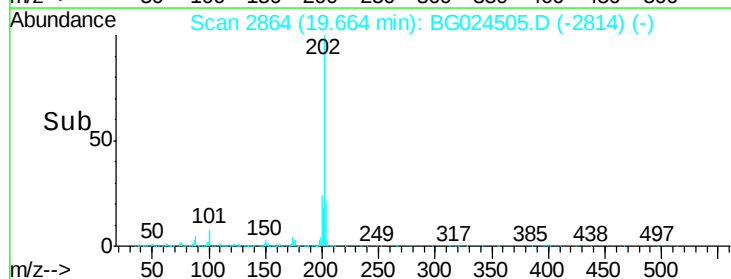
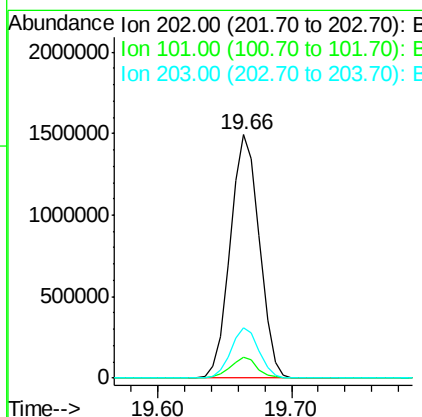
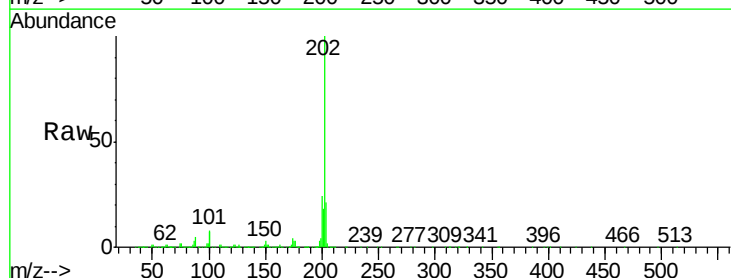
Manual Integrations  
APPROVED

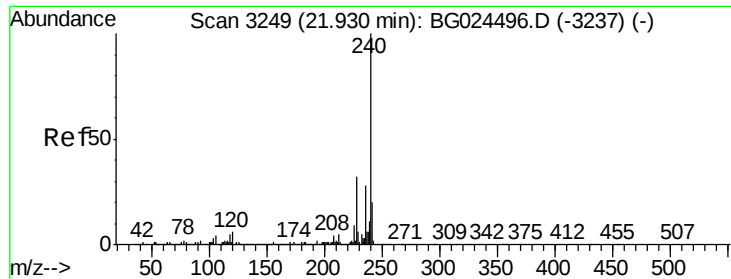
sohil  
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#74  
Fluoranthene  
Concen: 45.35 ng  
RT: 19.66 min Scan# 2864  
Delta R.T. -0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 8.4   | 0.0   | 30.1  |
| 203     | 20.6  | 1.3   | 41.3  |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.93 min Scan# 3249

Delta R.T. -0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

Instrument :

BNA\_G

ClientSampleId :

PB94296BSD

Tot Ion:240 Resp: 1073588

Ion Ratio Lower Upper

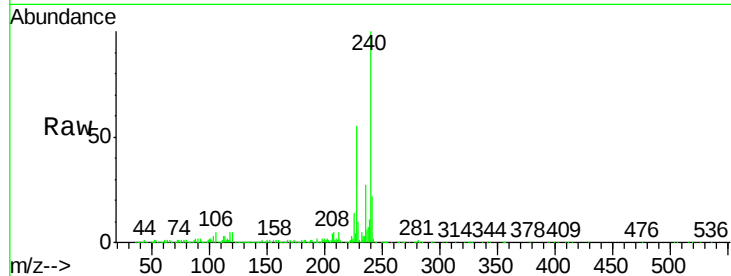
240 100

120 5.5 5.7 8.5#

236 27.3 22.2 33.4

Manual Integrations  
APPROVED

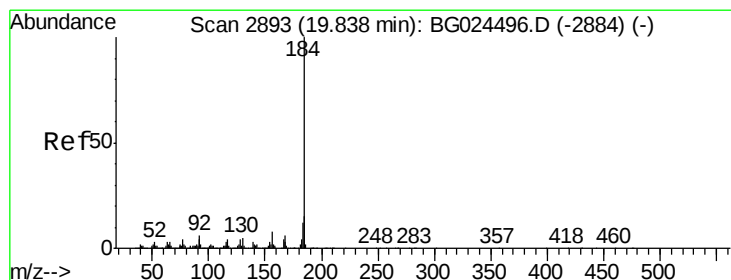
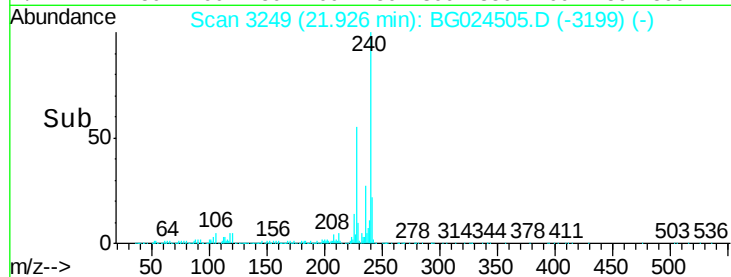
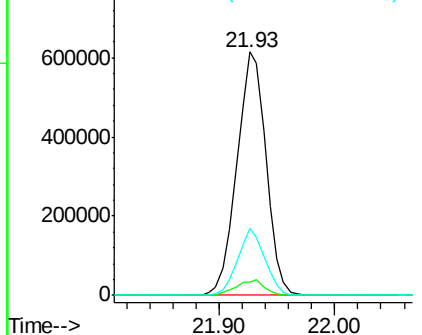
sohil  
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.76 ng

RT: 19.84 min Scan# 2894

Delta R.T. 0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

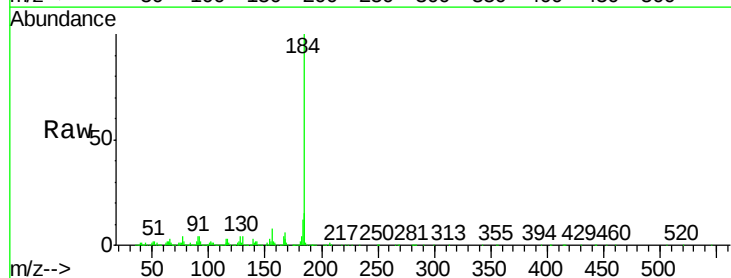
Tgt Ion:184 Resp: 853856

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.6

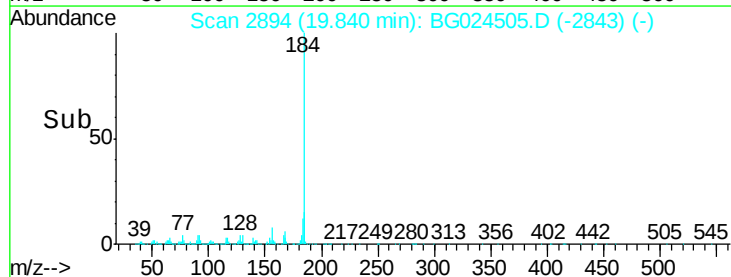
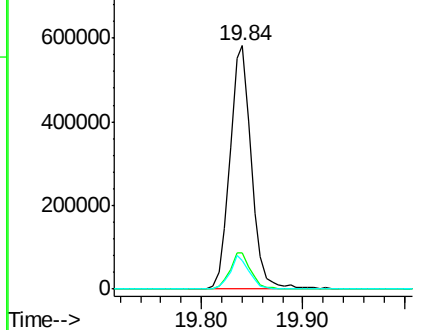
183 11.9 11.0 16.6

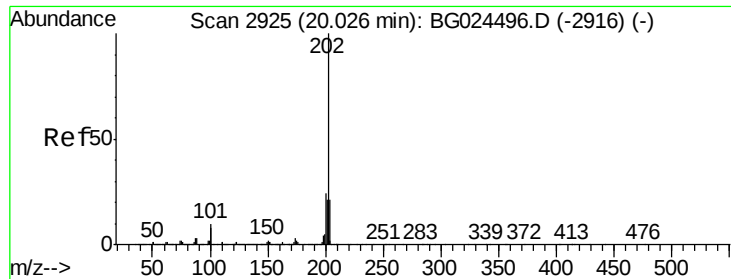


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





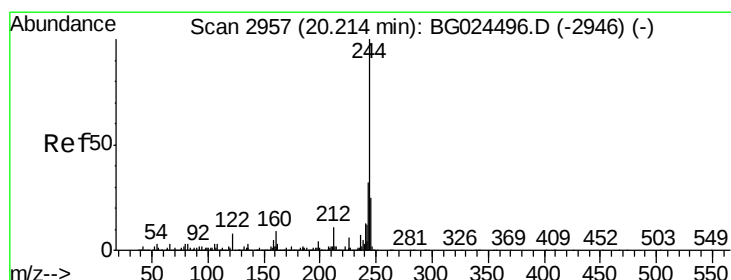
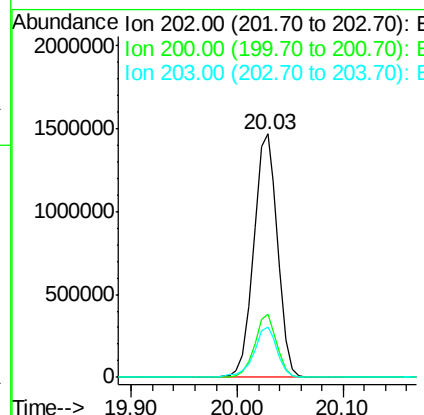
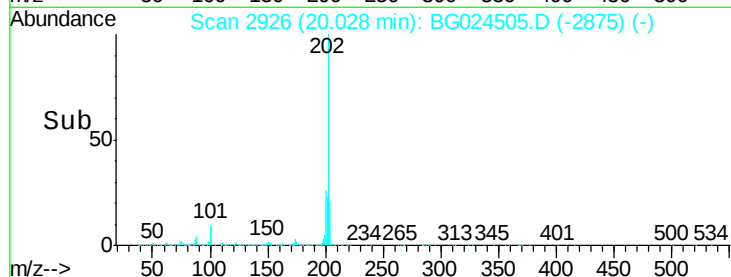
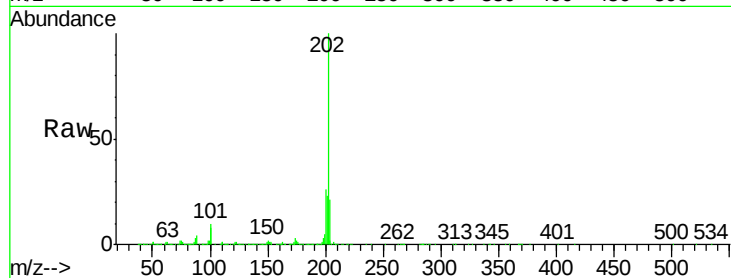
#77  
Pvrene  
Concen: 44.04 ng  
RT: 20.03 min Scan# 2926  
Delta R.T. 0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB94296BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 25.8  | 19.6  | 29.4  |
| 203     | 20.9  | 15.8  | 23.8  |

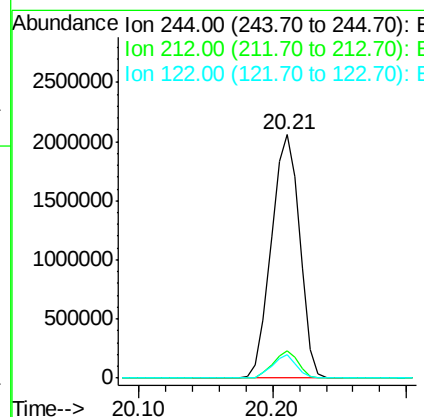
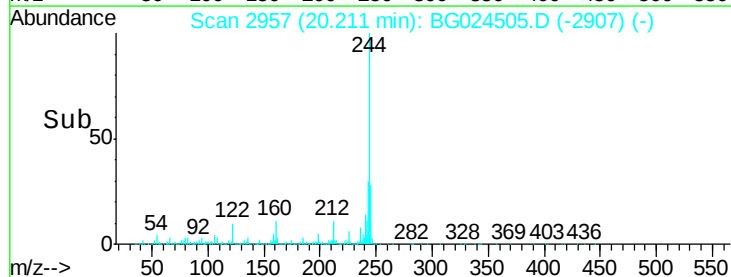
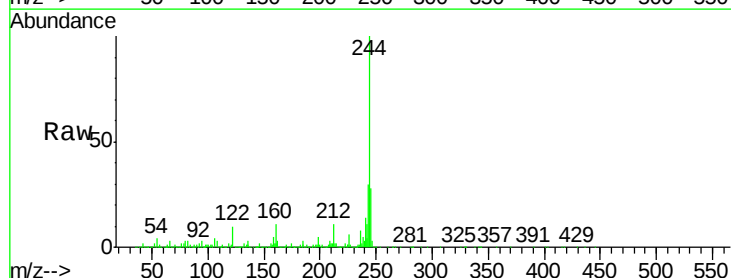
Manual Integrations  
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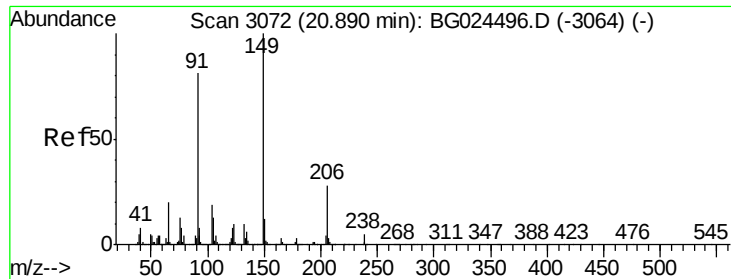
sohil  
10/26/2016 4:51:13 PM



#78  
Terphenyl-d14  
Concen: 84.67 ng  
RT: 20.21 min Scan# 2957  
Delta R.T. -0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 11.4  | 10.0  | 15.0  |
| 122     | 9.5   | 8.6   | 12.8  |





#79

Butylbenzylphthalate

Concen: 45.25 ng

RT: 20.89 min Scan# 3073

Delta R.T. 0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

Instrument :

BNA\_G

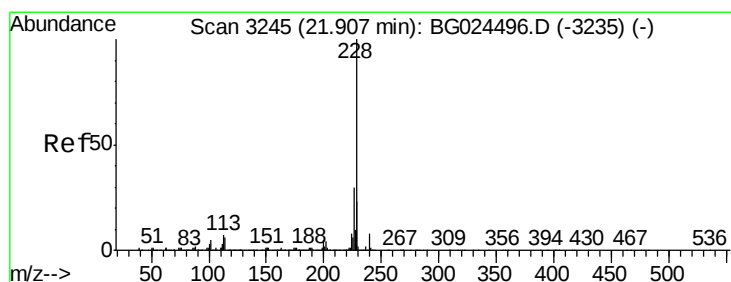
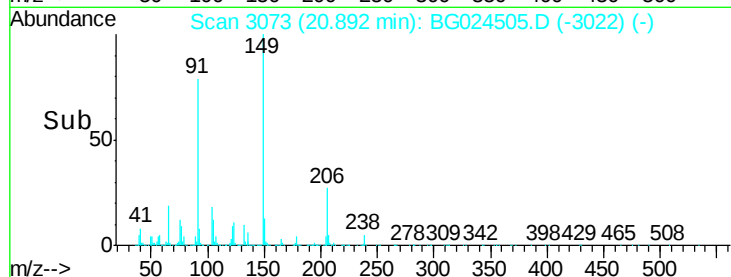
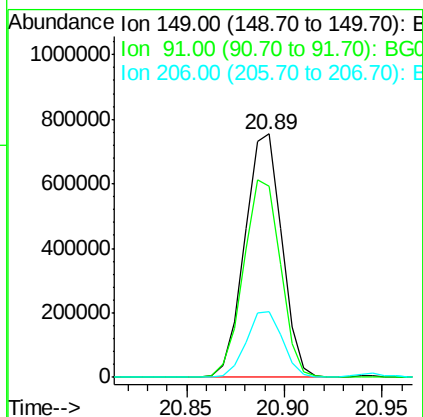
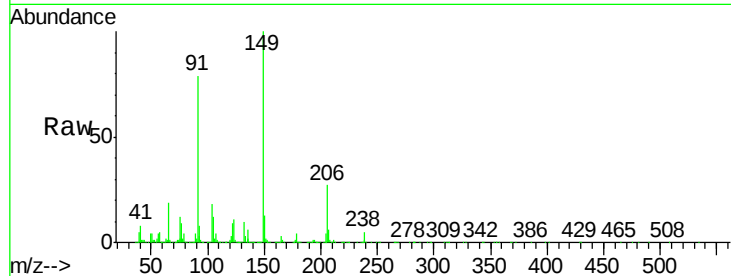
ClientSampleId :

PB94296BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 990091 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 78.8  | 63.5  | 95.3   |
| 206       | 27.1  | 21.0  | 31.6   |

Manual Integrations  
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#80

Benzo(a)anthracene

Concen: 43.71 ng

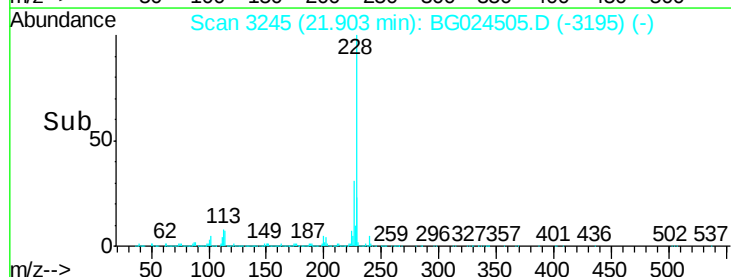
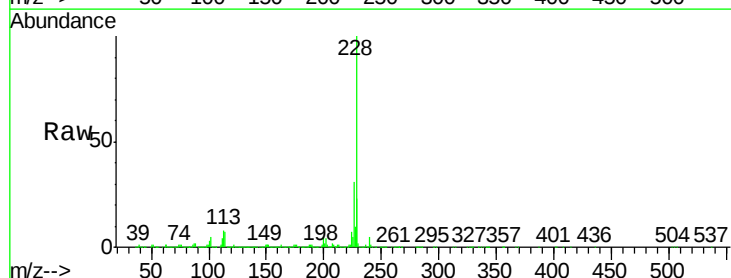
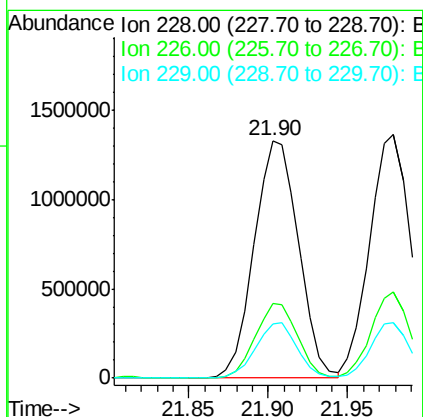
RT: 21.90 min Scan# 3245

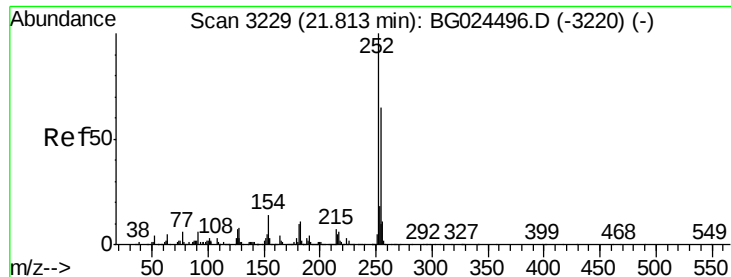
Delta R.T. -0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 228   | Resp: | 2578035 |
| Ion Ratio | Lower | Upper |         |
| 228       | 100   |       |         |
| 226       | 31.2  | 24.9  | 37.3    |
| 229       | 22.7  | 18.2  | 27.2    |





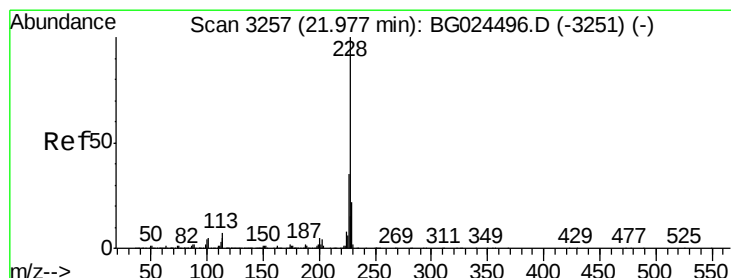
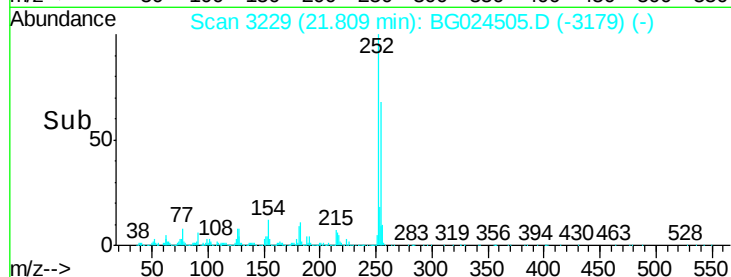
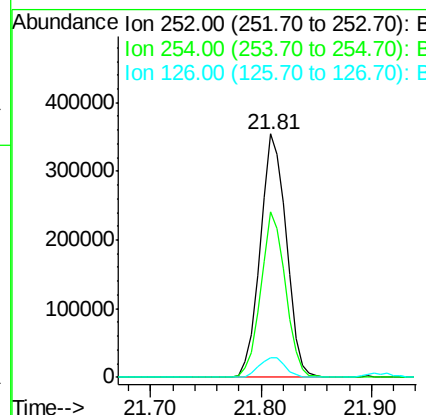
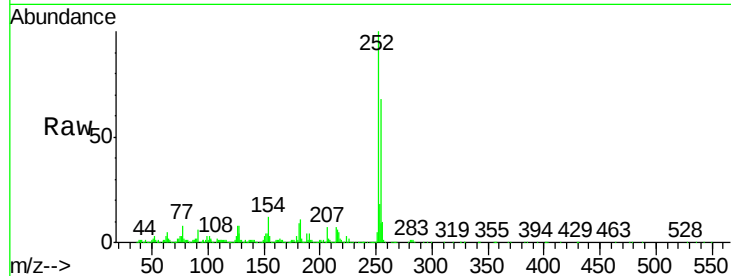
#81  
 3,3'-Dichlorobenzidine  
 Concen: 24.73 ng  
 RT: 21.81 min Scan# 3229  
 Delta R.T. -0.00 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB94296BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 67.9  | 53.1  | 79.7  |
| 126     | 8.0   | 7.0   | 10.4  |

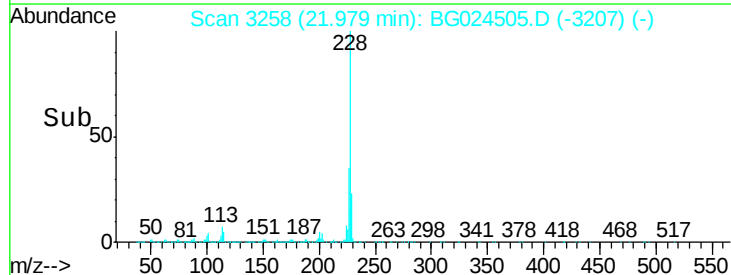
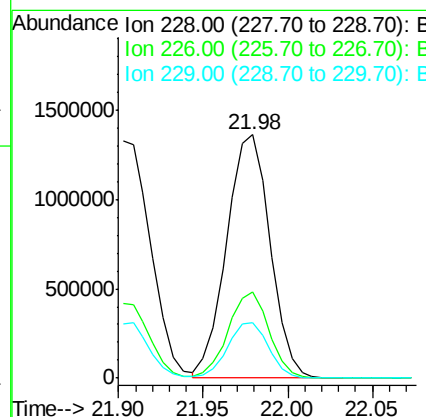
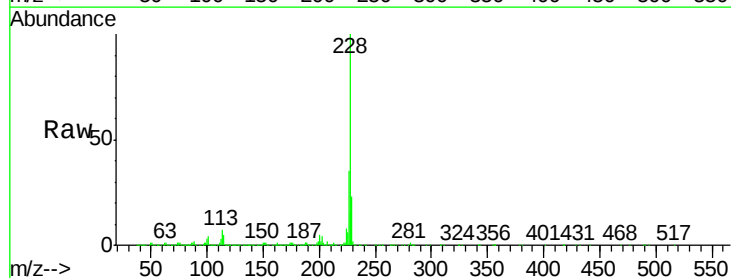
Manual Integrations  
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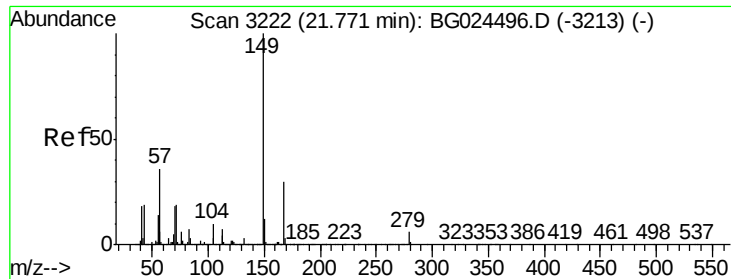
sohil  
 10/26/2016 4:51:13 PM



#82  
 Chrysene  
 Concen: 43.42 ng  
 RT: 21.98 min Scan# 3258  
 Delta R.T. 0.00 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 35.3  | 27.0  | 40.4  |
| 229     | 22.6  | 17.8  | 26.6  |





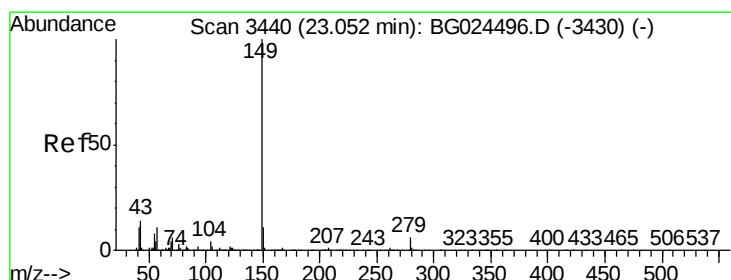
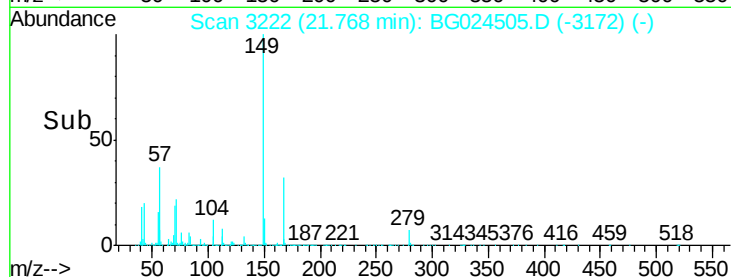
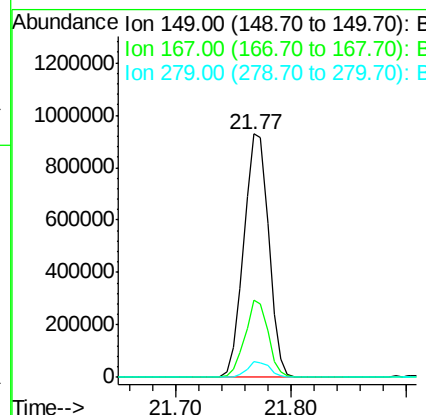
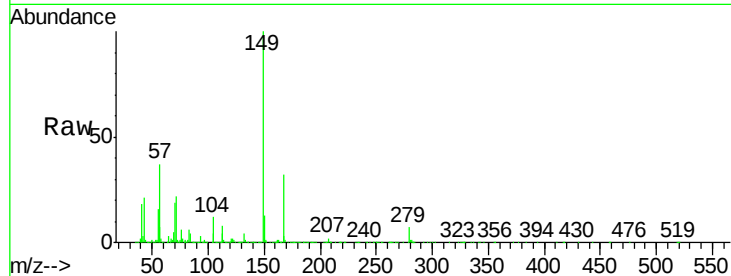
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.27 ng  
 RT: 21.77 min Scan# 3222  
 Delta R.T. -0.00 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB94296BSD

Tot Ion:149 Resp: 1385598  
 Ion Ratio Lower Upper  
 149 100  
 167 32.0 23.7 35.5  
 279 6.7 4.6 6.8

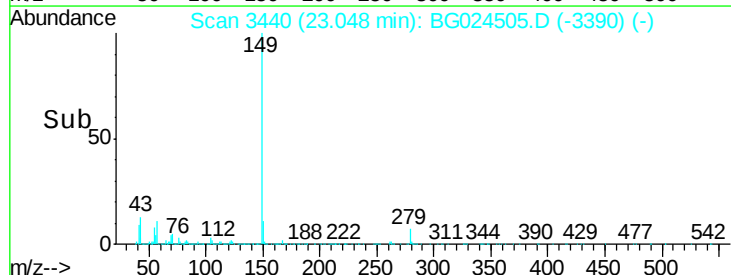
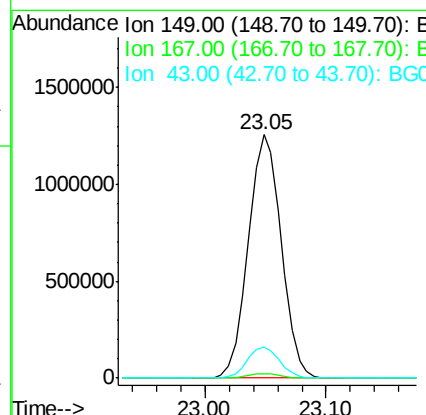
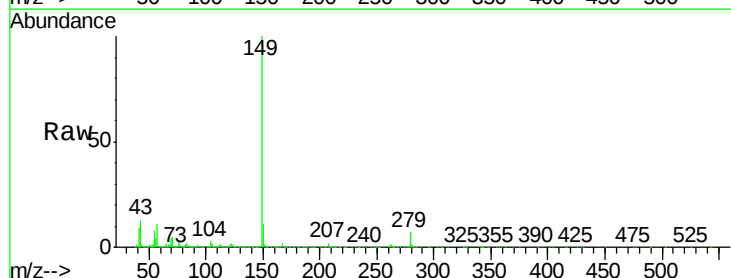
Manual Integrations  
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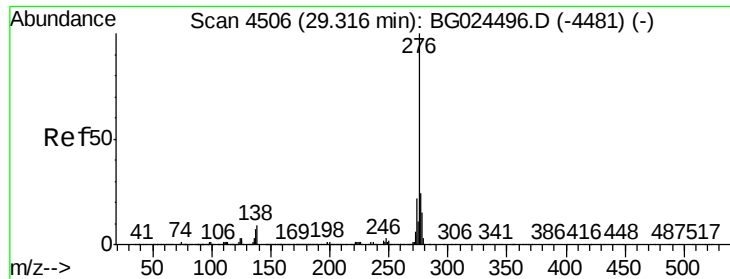
sohil  
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#84  
 Di-n-octyl phthalate  
 Concen: 45.77 ng  
 RT: 23.05 min Scan# 3440  
 Delta R.T. -0.00 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

Tgt Ion:149 Resp: 2377481  
 Ion Ratio Lower Upper  
 149 100  
 167 1.9 1.4 2.2  
 43 12.5 11.8 17.6





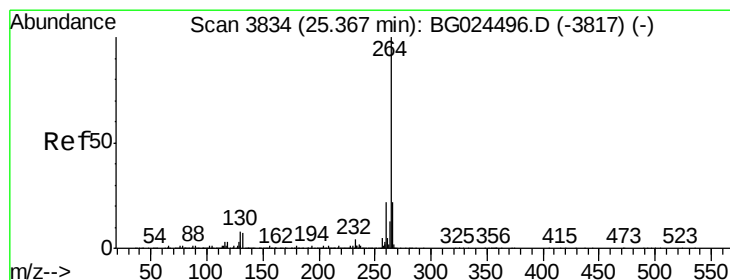
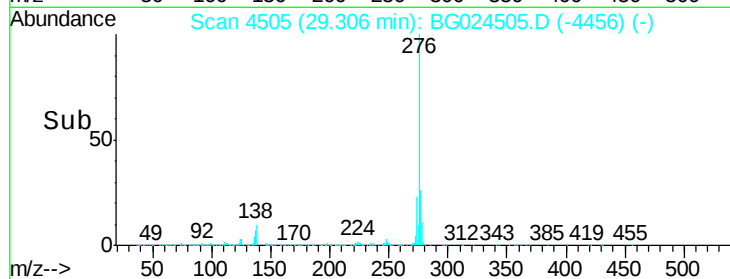
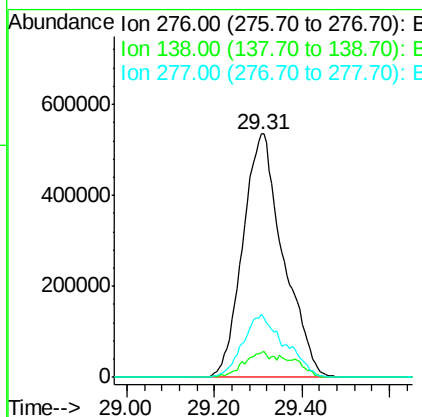
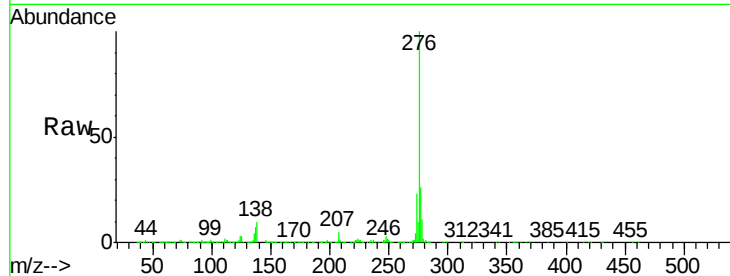
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 43.44 ng  
 RT: 29.31 min Scan# 4505  
 Delta R.T. -0.01 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB94296BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 6.3   | 4.7   | 7.1   |
| 277     | 26.6  | 20.6  | 31.0  |

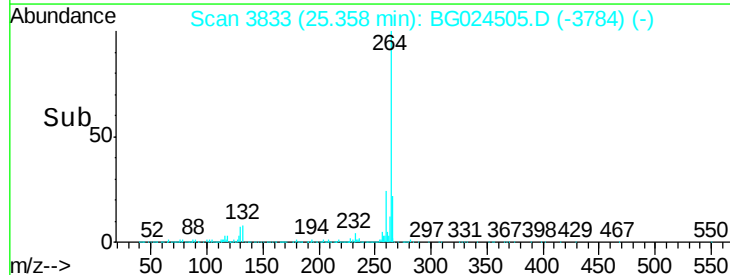
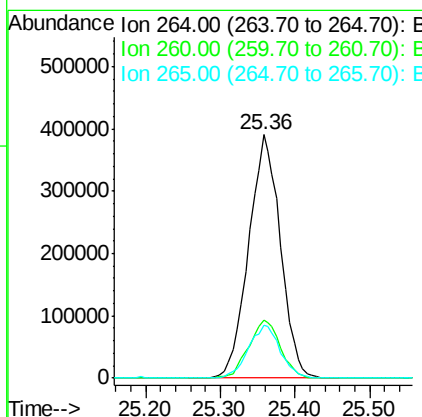
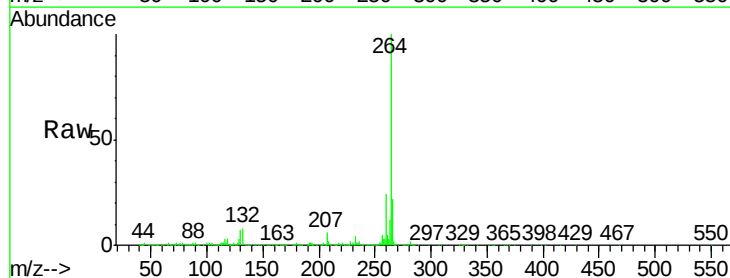
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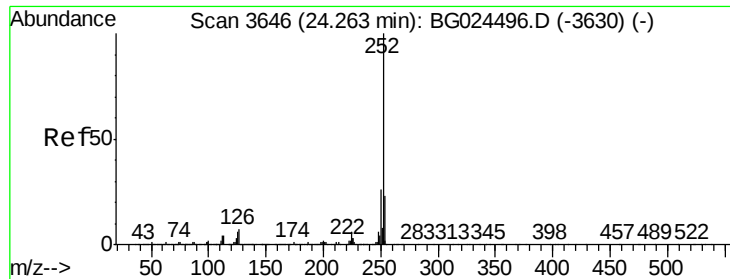
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.36 min Scan# 3833  
 Delta R.T. -0.01 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 21.8  | 32.8  |
| 265     | 21.7  | 18.2  | 27.4  |





#87

Benzo(b)fluoranthene

Concen: 43.49 ng

RT: 24.26 min Scan# 3647

Delta R.T. 0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

Instrument :

BNA\_G

ClientSampleId :

PB94296BSD

Tot Ion:252 Resp: 2698838

Ion Ratio Lower Upper

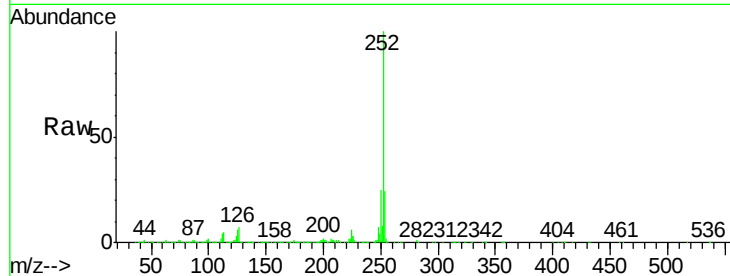
252 100

253 23.7 18.7 28.1

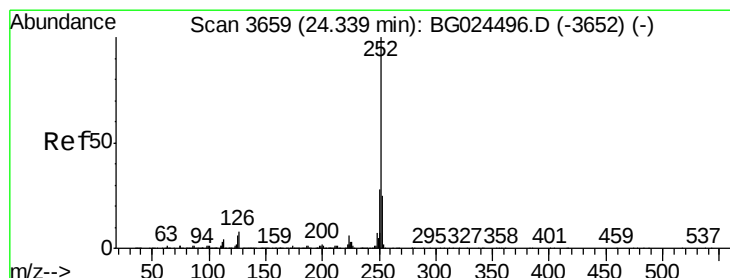
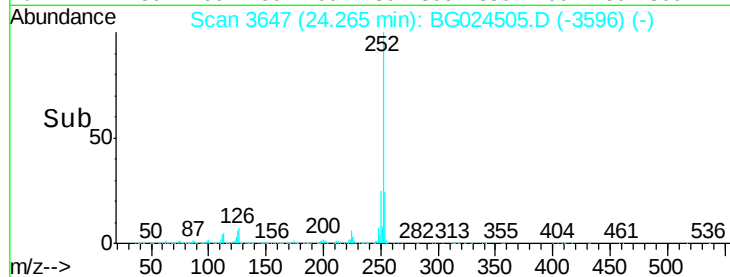
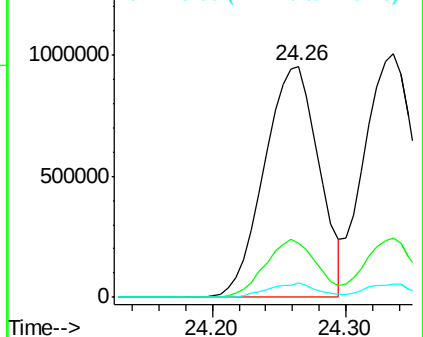
125 6.3 5.3 7.9

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



#88

Benzo(k)fluoranthene

Concen: 44.18 ng

RT: 24.34 min Scan# 3659

Delta R.T. -0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

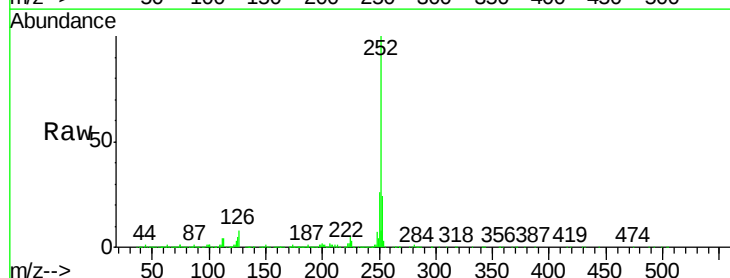
Tgt Ion:252 Resp: 2647358

Ion Ratio Lower Upper

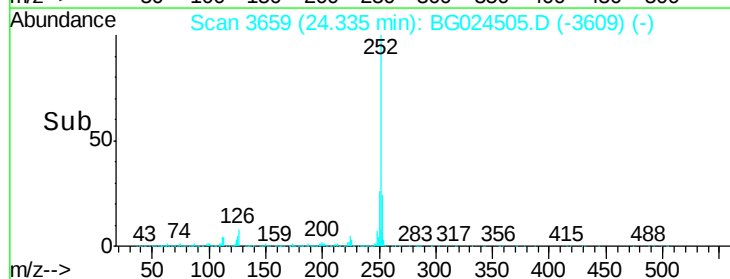
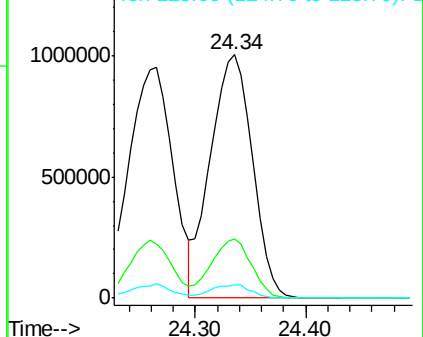
252 100

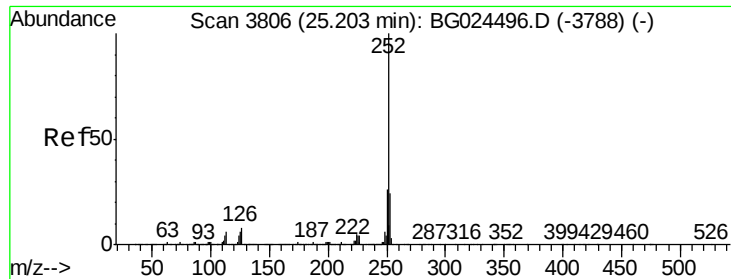
253 24.3 20.2 30.2

125 5.3 5.1 7.7



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





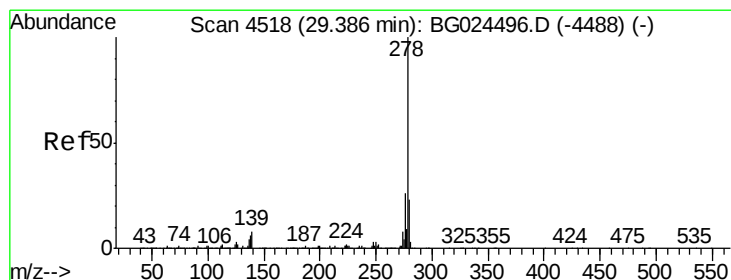
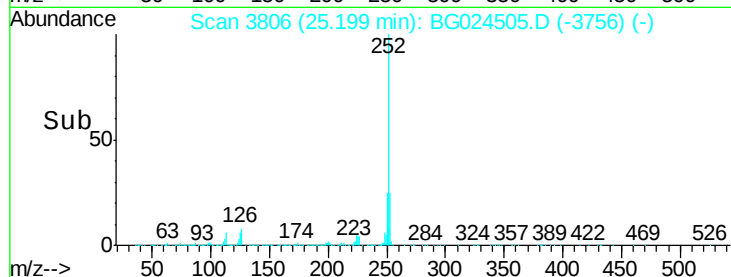
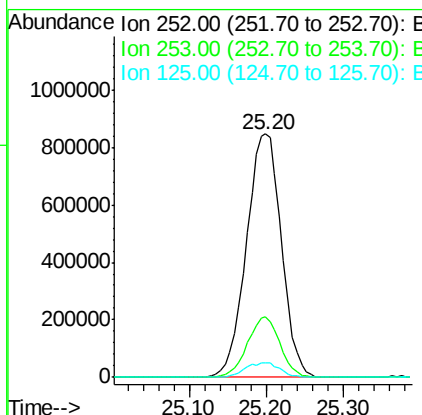
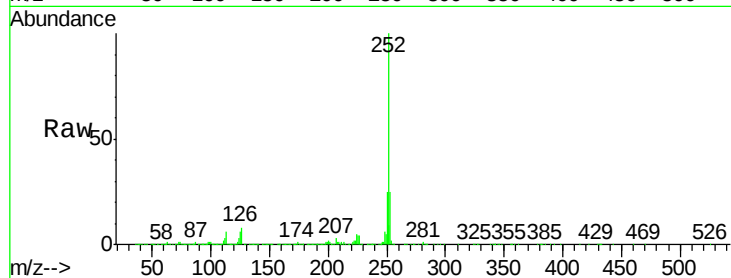
#89  
Benzo(a)pyrene  
Concen: 44.29 ng  
RT: 25.20 min Scan# 3806  
Delta R.T. -0.00 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB94296BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 25.1  | 19.2  | 28.8  |
| 125     | 5.9   | 5.4   | 8.0   |

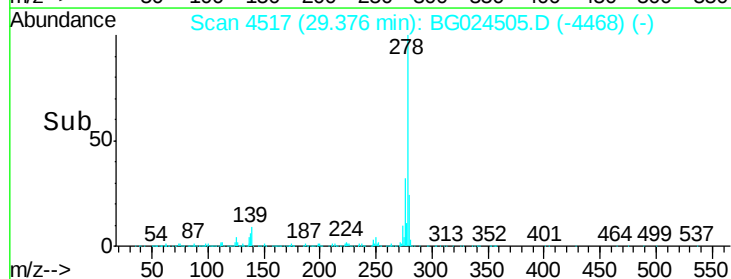
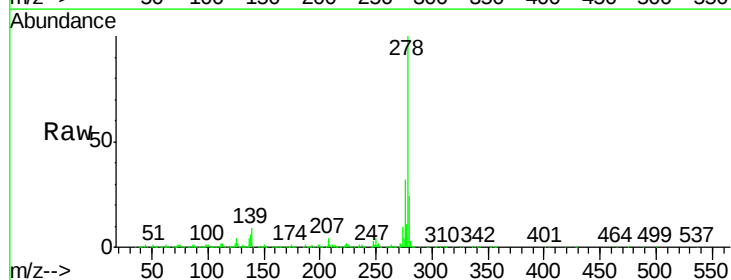
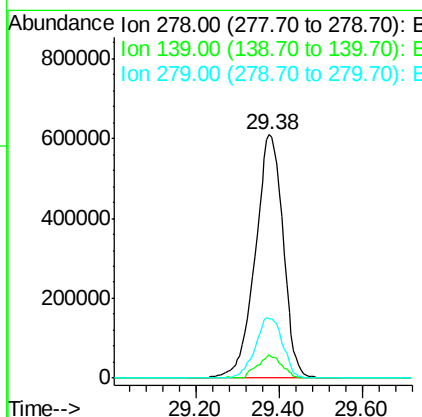
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#90  
Dibenzo(a,h)anthracene  
Concen: 42.46 ng  
RT: 29.38 min Scan# 4517  
Delta R.T. -0.01 min  
Lab File: BG024505.D  
Acq: 25 Oct 2016 20:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 9.5   | 7.7   | 11.5  |
| 279     | 24.2  | 19.1  | 28.7  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 42.26 ng  
 RT: 30.55 min Scan# 4716  
 Delta R.T. -0.02 min  
 Lab File: BG024505.D  
 Acq: 25 Oct 2016 20:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB94296BSD

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 276   | Resp: | 2809482 |
| Ion Ratio | Lower | Upper |         |
| 276       | 100   |       |         |
| 277       | 22.2  | 18.6  | 27.8    |
| 138       | 9.4   | 8.1   | 12.1    |

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