

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\  
 Data File : BG016554.D  
 Acq On : 20 Apr 2015 16:57  
 Operator : TP/IZ  
 Sample : G1868-04MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P5-28(0-5)MS

Manual Integrations  
 APPROVED

apatel  
 4/21/2015 5:05:41 PM

Quant Time: Apr 21 02:07:09 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 21 01:34:55 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 76433    | 20.00 | ng    | 0.01     |
| 21) Naphthalene-d8        | 10.44 | 136  | 350176   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.29 | 164  | 212548   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.04 | 188  | 439941   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.21 | 240  | 375816   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.44 | 264  | 354272   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.25  | 112 | 546967  | 112.94 | ng | 0.01 |
| 7) Phenol-d6             | 6.84  | 99  | 779952  | 107.28 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 8.81  | 82  | 398724  | 65.96  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.79 | 330 | 168483  | 117.21 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 12.91 | 172 | 890649  | 71.34  | ng | 0.00 |
| 78) Terphenyl-d14        | 19.66 | 244 | 1029827 | 64.13  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.12  | 88  | 57426   | 26.08 | ng | 98     |
| 3) Pyridine                    | 3.52  | 79  | 162998  | 24.77 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.44  | 42  | 56654   | 28.96 | ng | 97     |
| 6) Aniline                     | 6.98  | 93  | 140676  | 13.55 | ng | 96     |
| 8) 2-Chlorophenol              | 7.23  | 128 | 212280  | 36.50 | ng | 93     |
| 9) Benzaldehyde                | 6.80  | 77  | 34719   | 8.15  | ng | 88     |
| 10) Phenol                     | 6.87  | 94  | 269503  | 34.65 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.08  | 93  | 187127  | 30.17 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.54  | 146 | 193760  | 32.99 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 7.69  | 146 | 200004  | 32.83 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.00  | 146 | 194168  | 33.32 | ng | 97     |
| 15) Benzyl Alcohol             | 7.90  | 79  | 155731  | 30.73 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.19  | 45  | 194415  | 27.83 | ng | 96     |
| 17) 2-Methylphenol             | 8.11  | 107 | 179526  | 34.42 | ng | 98     |
| 18) Hexachloroethane           | 8.72  | 117 | 72152   | 30.96 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.46  | 70  | 143718  | 27.59 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.44  | 107 | 244043  | 33.78 | ng | 99     |
| 22) Acetophenone               | 8.48  | 105 | 273671  | 33.70 | ng | # 98   |
| 24) Nitrobenzene               | 8.85  | 77  | 200713  | 31.05 | ng | 92     |
| 25) Isophorone                 | 9.37  | 82  | 400307  | 29.82 | ng | 97     |
| 26) 2-Nitrophenol              | 9.56  | 139 | 118329  | 39.26 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 9.63  | 122 | 209395  | 37.29 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 9.86  | 93  | 243286  | 31.75 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.10 | 162 | 185125  | 41.67 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.30 | 180 | 169407  | 36.52 | ng | 98     |
| 31) Naphthalene                | 10.49 | 128 | 615226  | 33.72 | ng | 100    |
| 32) Benzoic acid               | 9.74  | 122 | 19989   | 13.20 | ng | 95     |
| 33) 4-Chloroaniline            | 10.60 | 127 | 86074   | 10.05 | ng | 96     |
| 34) Hexachlorobutadiene        | 10.77 | 225 | 73906   | 36.27 | ng | 100    |
| 35) Caprolactam                | 11.37 | 113 | 105589m | 37.75 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 11.75 | 107 | 219240  | 37.36 | ng | 94     |
| 37) 2-Methylnaphthalene        | 12.10 | 142 | 458837  | 34.96 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.48 | 216 | 162244  | 34.67 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 12.45 | 237 | 114832  | 53.61 | ng | 99     |

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 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P5-28(0-5)MS

Manual Integrations  
 APPROVED

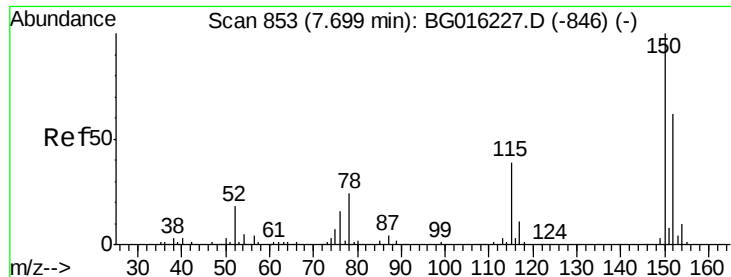
apatel  
 4/21/2015 5:05:41 PM

Quant Time: Apr 21 02:07:09 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 21 01:34:55 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.73 | 196  | 131459   | 37.80 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 12.81 | 196  | 145109   | 39.06 | nq    | 94       |
| 45) 1,1'-Biphenyl              | 13.12 | 154  | 562835   | 34.52 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.17 | 162  | 422225   | 33.99 | nq    | 99       |
| 47) 2-Nitroaniline             | 13.38 | 65   | 130103   | 32.50 | nq    | 86       |
| 48) Acenaphthylene             | 14.02 | 152  | 728316   | 32.98 | nq    | 99       |
| 49) Dimethylphthalate          | 13.76 | 163  | 580420   | 37.26 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 13.88 | 165  | 135187   | 35.88 | nq    | 90       |
| 51) Acenaphthene               | 14.36 | 154  | 442991   | 33.57 | nq    | 100      |
| 52) 3-Nitroaniline             | 14.21 | 138  | 80799    | 16.79 | nq    | 88       |
| 53) 2,4-Dinitrophenol          | 14.42 | 184  | 89528    | 45.08 | nq    | # 91     |
| 54) Dibenzofuran               | 14.69 | 168  | 642715   | 35.09 | nq    | 97       |
| 55) 4-Nitrophenol              | 14.55 | 139  | 266851   | 67.11 | nq    | 94       |
| 56) 2,4-Dinitrotoluene         | 14.67 | 165  | 187867   | 36.61 | nq    | 90       |
| 57) Fluorene                   | 15.35 | 166  | 557693   | 34.52 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.93 | 232  | 108783   | 37.94 | nq    | 94       |
| 59) Diethylphthalate           | 15.12 | 149  | 564372   | 34.04 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.34 | 204  | 232506   | 35.18 | nq    | 95       |
| 61) 4-Nitroaniline             | 15.38 | 138  | 167486   | 30.67 | nq    | 95       |
| 62) Azobenzene                 | 15.63 | 77   | 551179   | 31.23 | nq    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 15.43 | 198  | 93397    | 31.61 | nq    | 96       |
| 65) n-Nitrosodiphenylamine     | 15.56 | 169  | 504694   | 33.93 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.23 | 248  | 123537   | 35.17 | nq    | 94       |
| 67) Hexachlorobenzene          | 16.34 | 284  | 125857   | 34.47 | nq    | 99       |
| 68) Atrazine                   | 16.51 | 200  | 159085   | 38.38 | nq    | 98       |
| 69) Pentachlorophenol          | 16.70 | 266  | 134016   | 60.12 | nq    | 99       |
| 70) Phenanthrene               | 17.08 | 178  | 839037   | 33.91 | nq    | 99       |
| 71) Anthracene                 | 17.17 | 178  | 846493   | 34.52 | nq    | 99       |
| 72) Carbazole                  | 17.44 | 167  | 866890   | 35.22 | nq    | 99       |
| 73) Di-n-butylphthalate        | 18.00 | 149  | 1035630  | 34.39 | nq    | 99       |
| 74) Fluoranthene               | 19.09 | 202  | 866981   | 33.99 | nq    | 96       |
| 76) Benzidine                  | 19.29 | 184  | 264021   | 16.57 | nq    | 98       |
| 77) Pyrene                     | 19.46 | 202  | 899177   | 34.36 | nq    | 100      |
| 79) Butylbenzylphthalate       | 20.36 | 149  | 465515   | 36.21 | nq    | 95       |
| 80) Benzo(a)anthracene         | 21.20 | 228  | 764682   | 34.43 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 21.14 | 252  | 115308   | 15.79 | nq    | 97       |
| 82) Chrysene                   | 21.26 | 228  | 717215   | 33.45 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.13 | 149  | 650937   | 37.40 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 22.00 | 149  | 1095032  | 38.62 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 25.70 | 276  | 804006   | 36.09 | nq    | 97       |
| 87) Benzo(b)fluoranthene       | 22.77 | 252  | 724945   | 34.94 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 22.81 | 252  | 696219   | 34.29 | nq    | 98       |
| 89) Benzo(a)pyrene             | 23.34 | 252  | 696741   | 35.83 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 25.71 | 278  | 671323   | 35.48 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 26.40 | 276  | 678274   | 35.88 | nq    | 98       |

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





#1

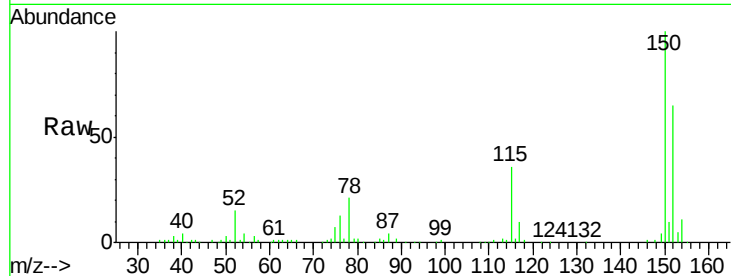
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Concen: 20.00 ng  
RT: 7.65 min Scan# 845  
Delta R.T. 0.01 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

Instrument :  
BNA\_G  
ClientSampleId :  
P5-28(0-5)MS

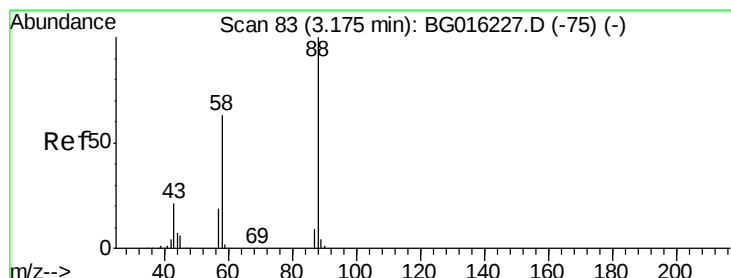
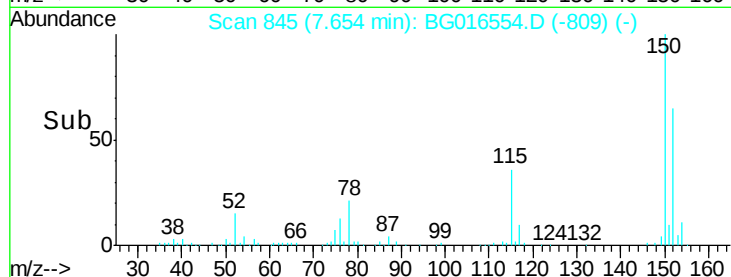
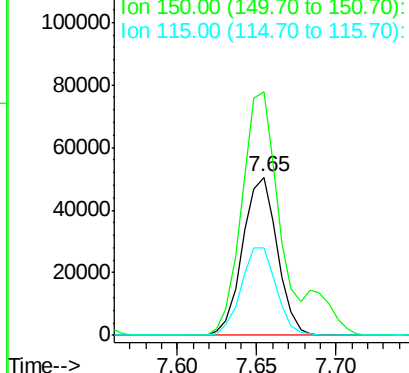
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.9 | 130.1 | 195.1 |
| 115     | 55.3  | 50.5  | 75.7  |

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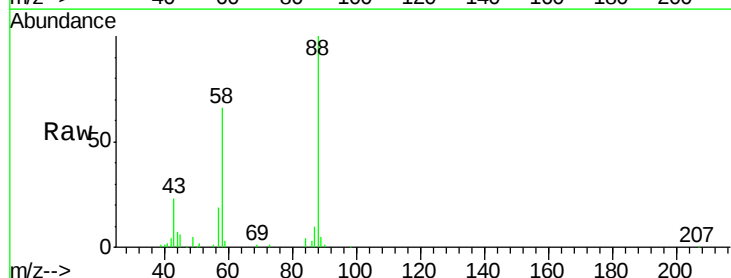
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



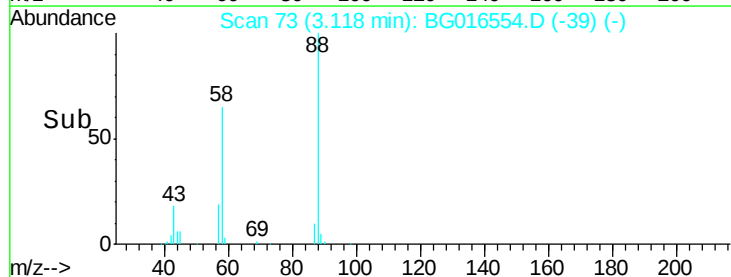
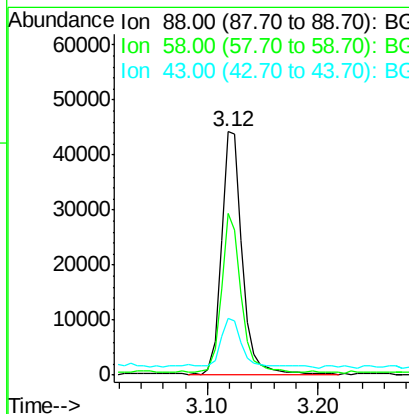
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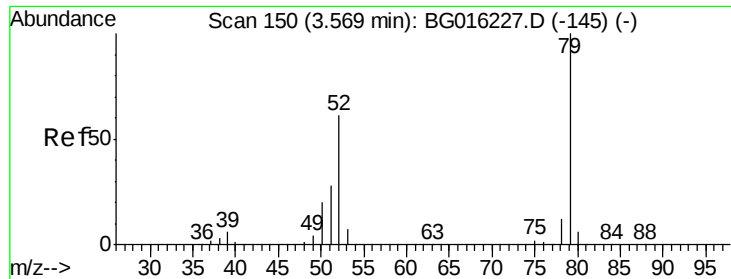
1,4-Dioxane  
Concen: 26.08 ng  
RT: 3.12 min Scan# 73  
Delta R.T. -0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 61.1  | 50.6  | 76.0  |
| 43      | 21.5  | 17.0  | 25.4  |



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: 24.77 ng

RT: 3.52 min Scan# 141

Delta R.T. 0.00 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

Instrument :

BNA\_G

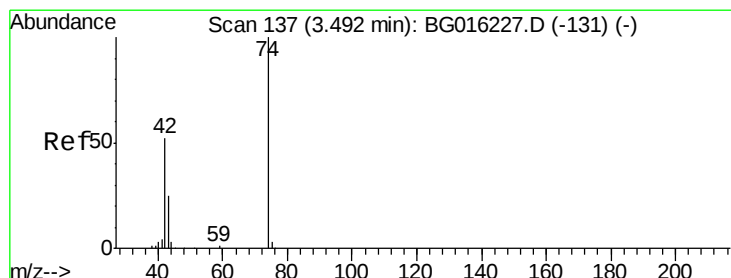
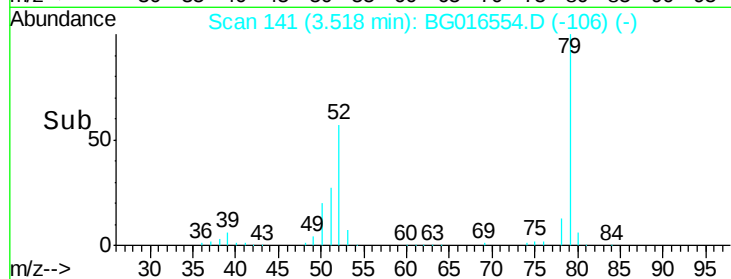
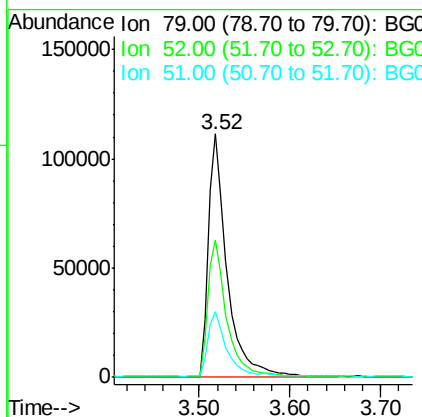
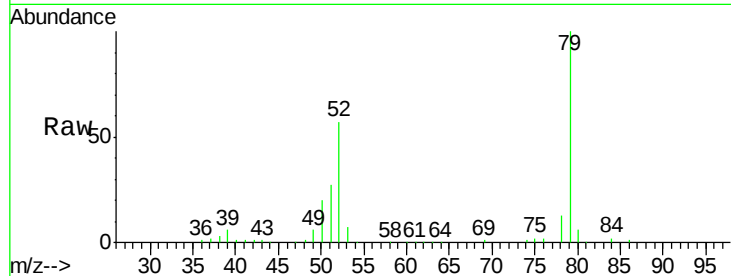
ClientSampleId :

P5-28(0-5)MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 162998 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 56.5  | 49.0  | 73.4   |
| 51       | 27.2  | 22.5  | 33.7   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 28.96 ng

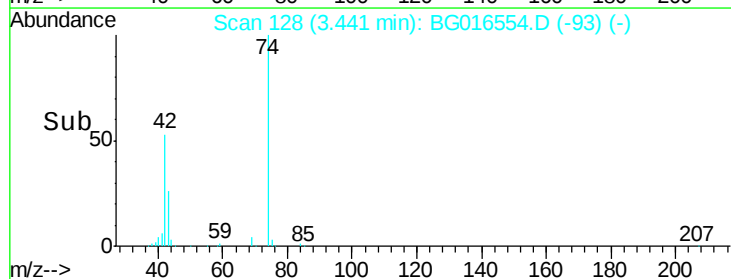
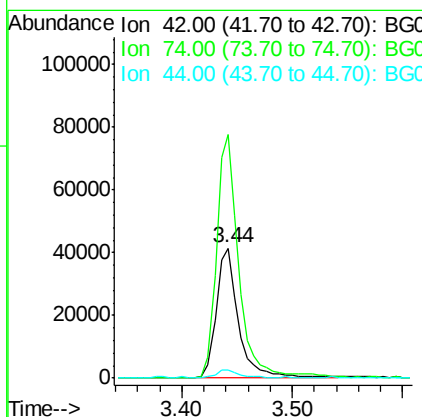
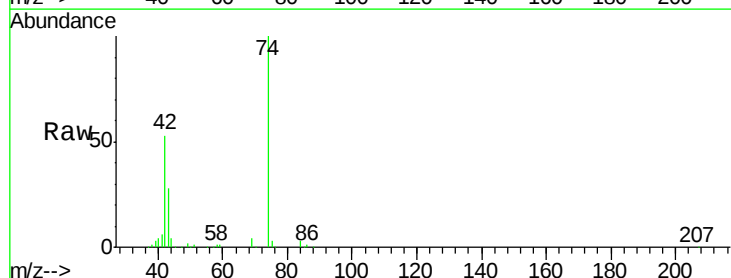
RT: 3.44 min Scan# 128

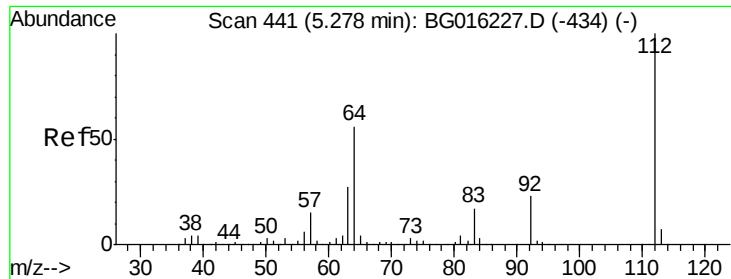
Delta R.T. 0.00 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 56654 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 187.4 | 153.7 | 230.5 |
| 44       | 6.7   | 5.3   | 7.9   |





#5

2-Fluorophenol

Concen: 112.94 ng

RT: 5.25 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

Instrument :

BNA\_G

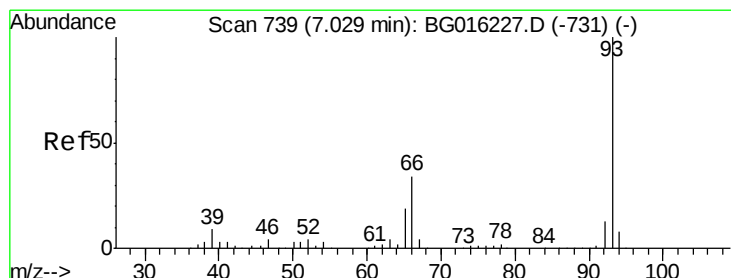
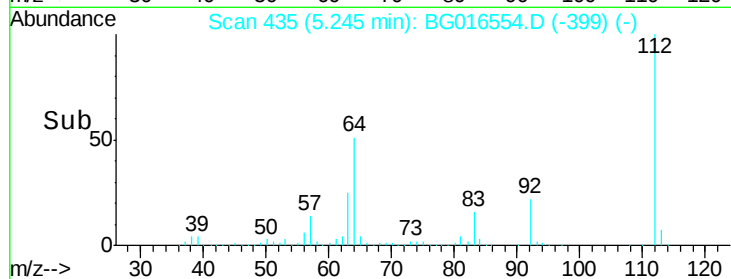
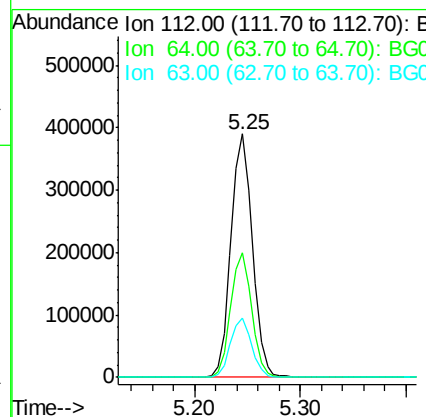
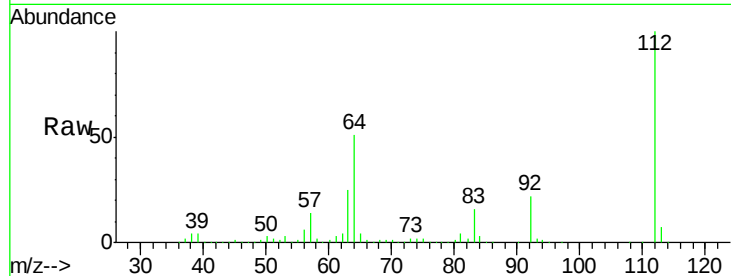
ClientSampleId :

P5-28(0-5)MS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 112  | Resp: | 546967 |
| Ion Ratio |      | Lower | Upper  |
| 112       | 100  |       |        |
| 64        | 50.9 | 44.5  | 66.7   |
| 63        | 24.5 | 21.4  | 32.0   |

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#6

Aniline

Concen: 13.55 ng

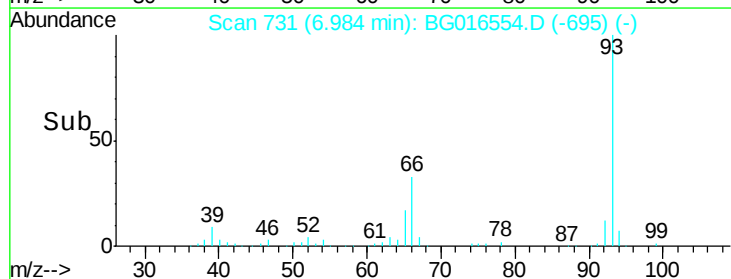
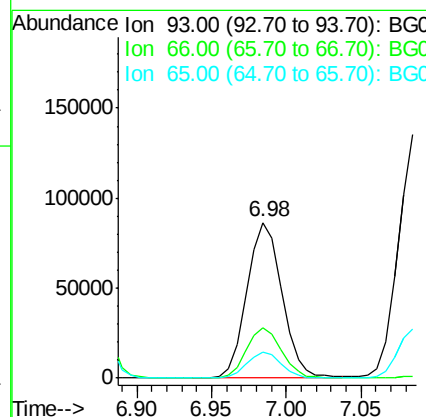
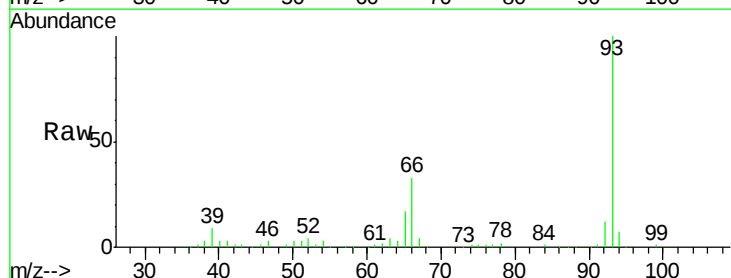
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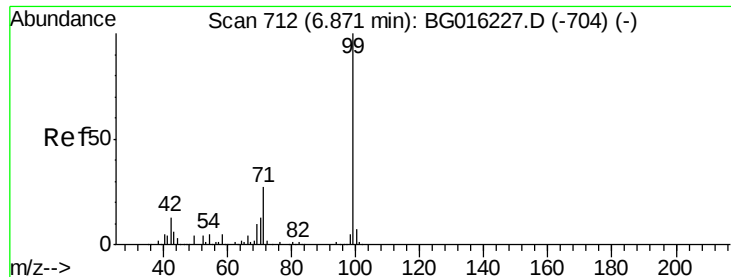
Delta R.T. 0.01 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 93   | Resp: | 140676 |
| Ion Ratio |      | Lower | Upper  |
| 93        | 100  |       |        |
| 66        | 32.7 | 27.5  | 41.3   |
| 65        | 16.7 | 15.1  | 22.7   |





#7

Phenol-d6

Concen: 107.28 ng

RT: 6.84 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

Instrument :

BNA\_G

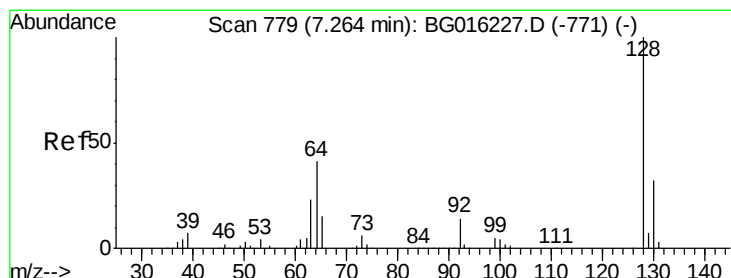
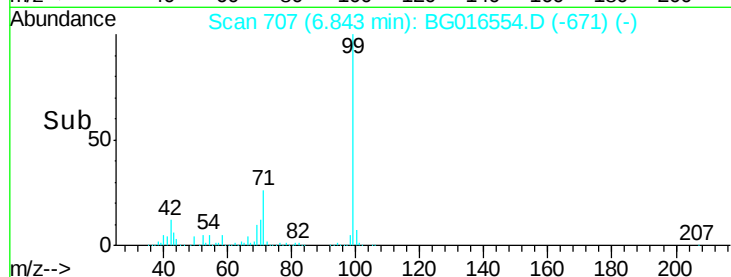
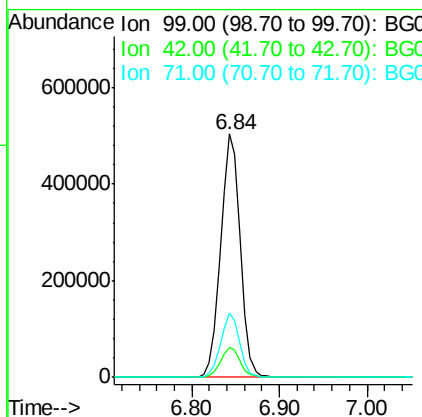
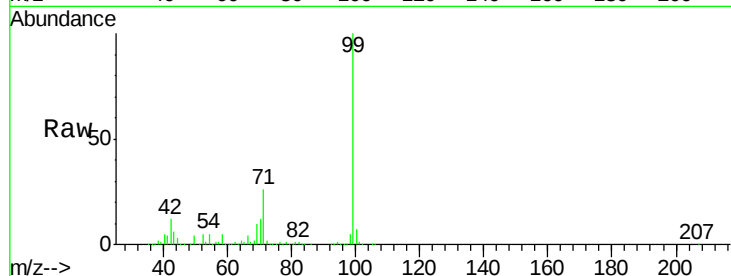
ClientSampleId :

P5-28(0-5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 779952 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 12.5  | 10.0  | 15.0   |
| 71        | 26.3  | 21.5  | 32.3   |

Manual Integrations  
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4/21/2015 5:05:41 PM



#8

2-Chlorophenol

Concen: 36.50 ng

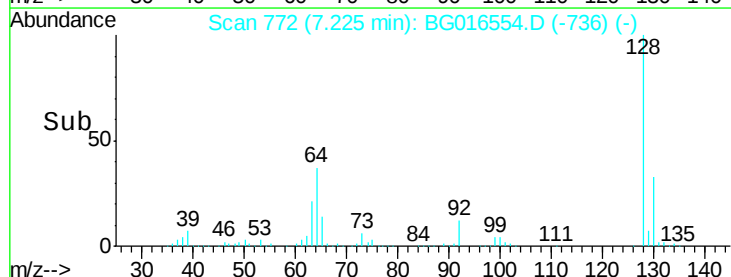
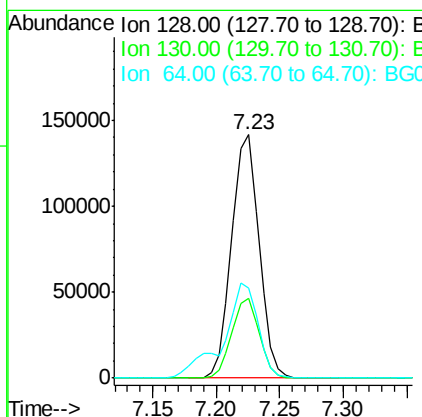
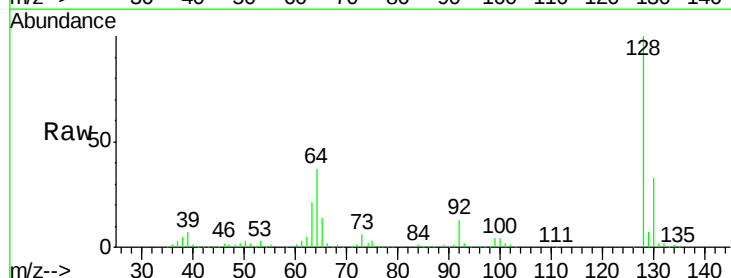
RT: 7.23 min Scan# 772

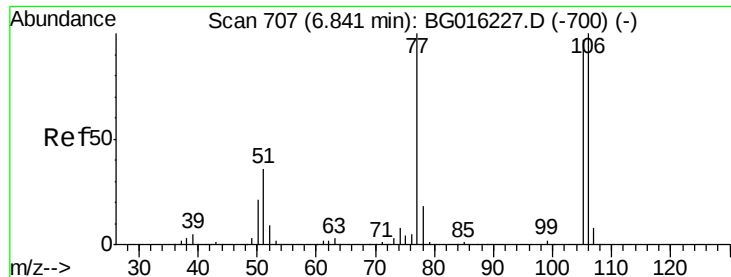
Delta R.T. 0.01 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 212280 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.0  | 11.6  | 51.6   |
| 64        | 37.1  | 24.2  | 64.2   |





#9

Benzaldehyde

Concen: 8.15 ng

RT: 6.80 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

Instrument :

BNA\_G

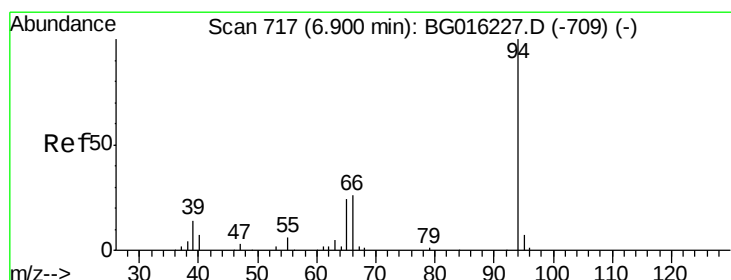
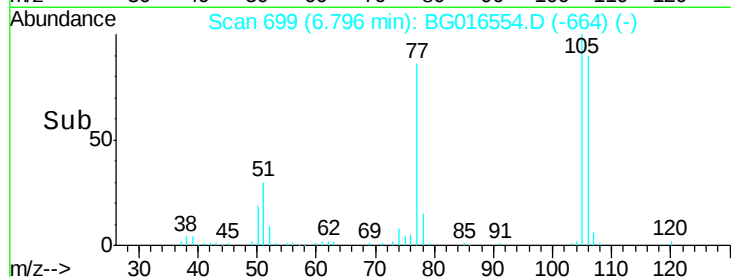
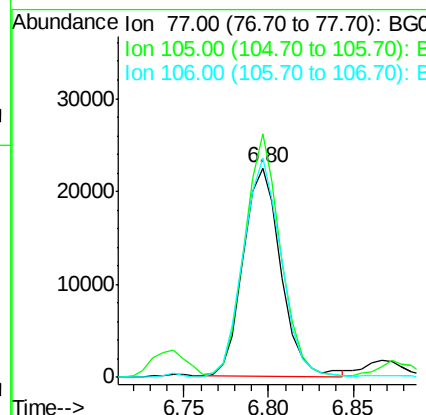
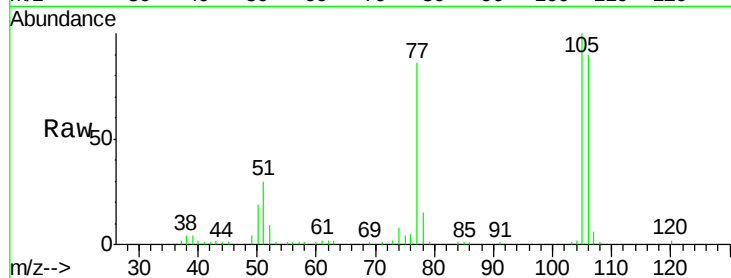
ClientSampleId :

P5-28(0-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 116.1 | 76.8  | 116.8 |
| 106     | 104.8 | 80.1  | 120.1 |

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#10

Phenol

Concen: 34.65 ng

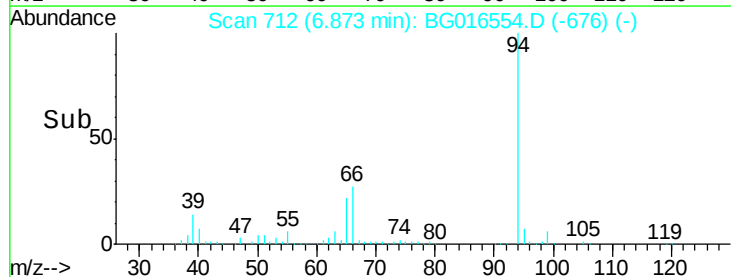
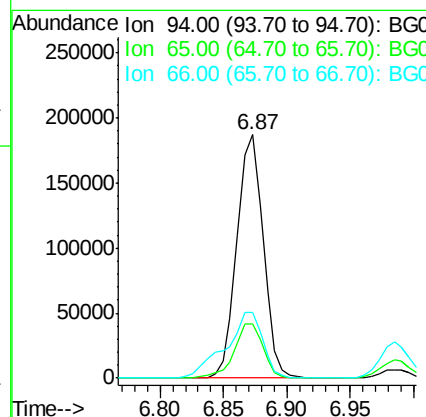
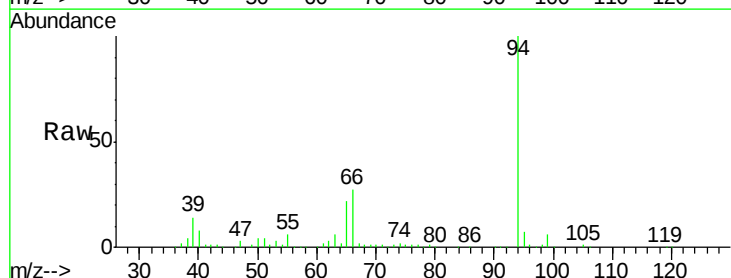
RT: 6.87 min Scan# 712

Delta R.T. 0.01 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 22.3  | 3.8   | 43.8  |
| 66      | 26.8  | 7.4   | 47.4  |





#11

bis(2-Chloroethyl)ether

Concen: 30.17 ng

RT: 7.08 min Scan# 748

Delta R.T. 0.00 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

Instrument :

BNA\_G

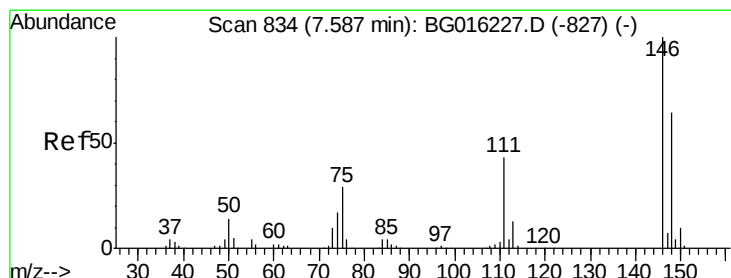
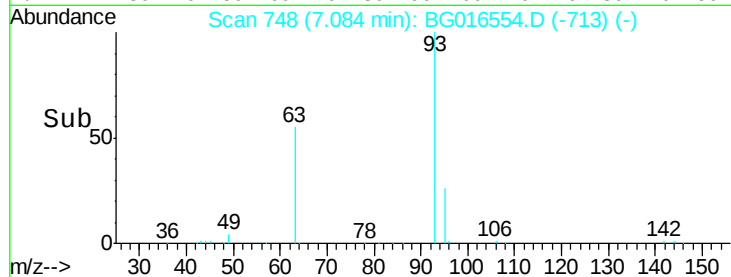
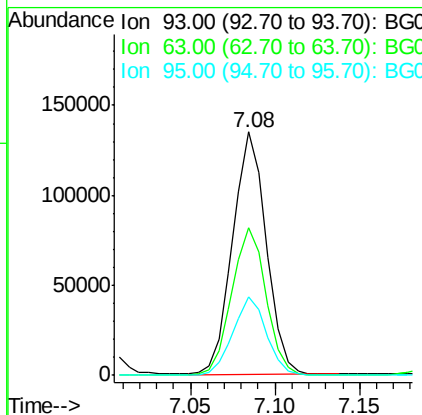
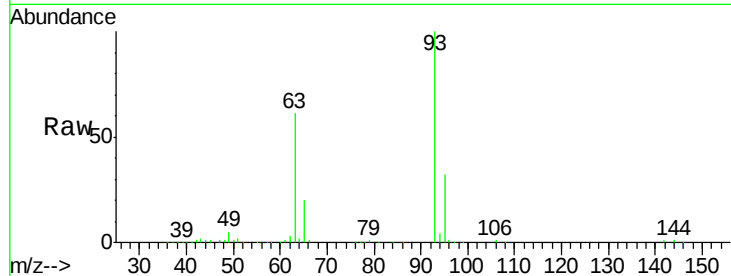
ClientSampleId :

P5-28(0-5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 187127 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 60.5  | 44.1  | 84.1   |
| 95        | 32.2  | 12.5  | 52.5   |

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#12

1,3-Dichlorobenzene

Concen: 32.99 ng

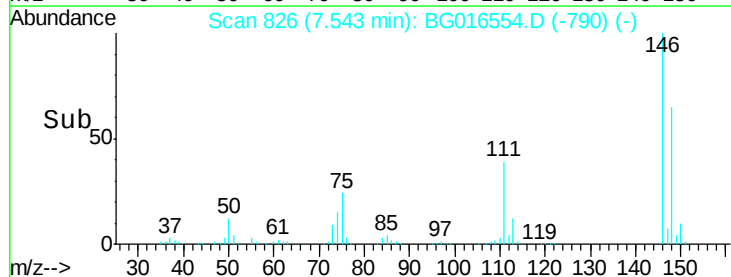
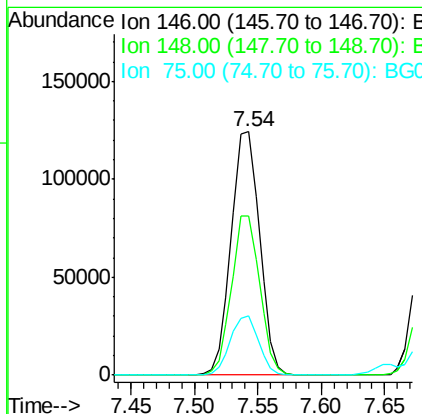
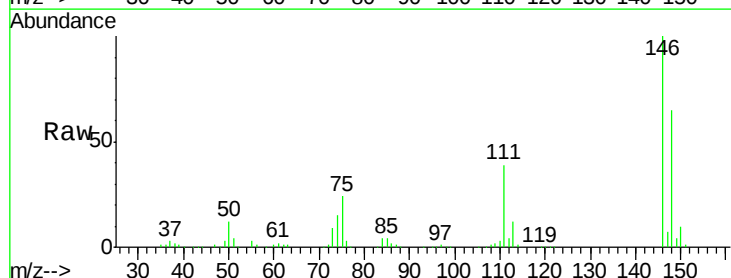
RT: 7.54 min Scan# 826

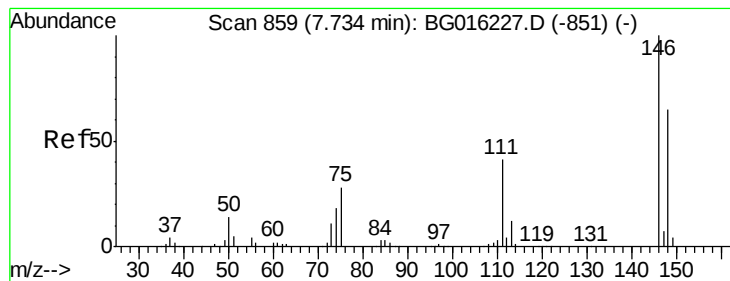
Delta R.T. 0.01 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 193760 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.4  | 50.9  | 76.3   |
| 75        | 24.2  | 23.3  | 34.9   |





#13

1,4-Dichlorobenzene

Concen: 32.83 ng

RT: 7.69 min Scan# 851

Delta R.T. 0.01 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

Instrument :

BNA\_G

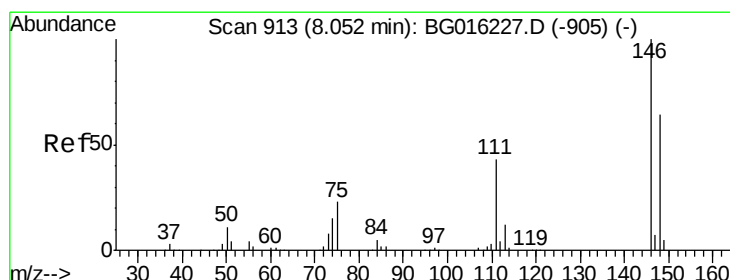
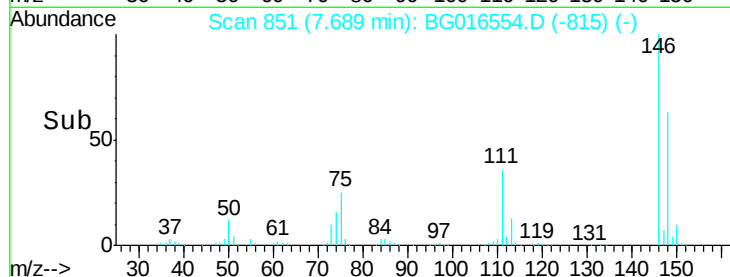
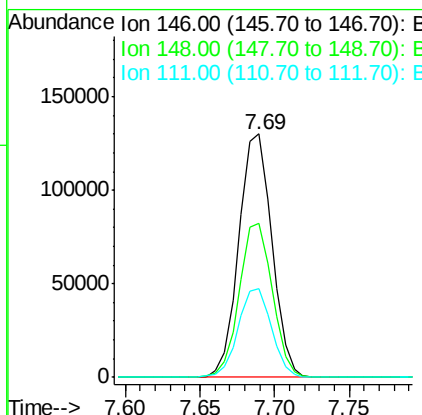
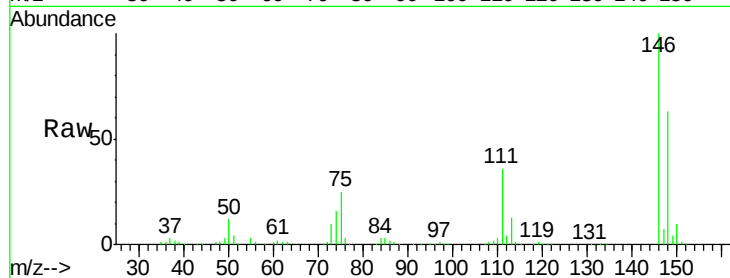
ClientSampleId :

P5-28(0-5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 200004 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.2  | 52.0  | 78.0   |
| 111       | 36.3  | 32.6  | 49.0   |

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#14

1,2-Dichlorobenzene

Concen: 33.32 ng

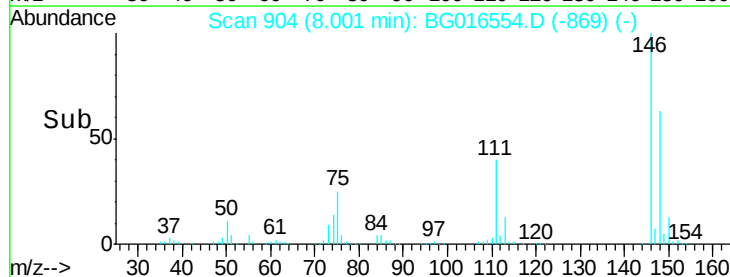
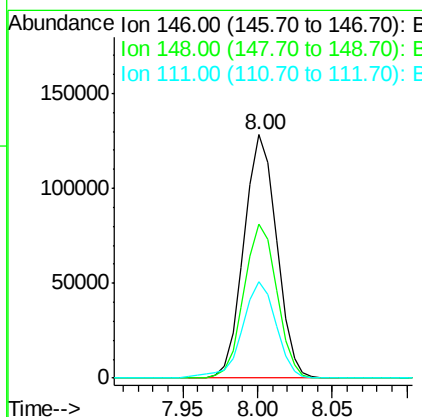
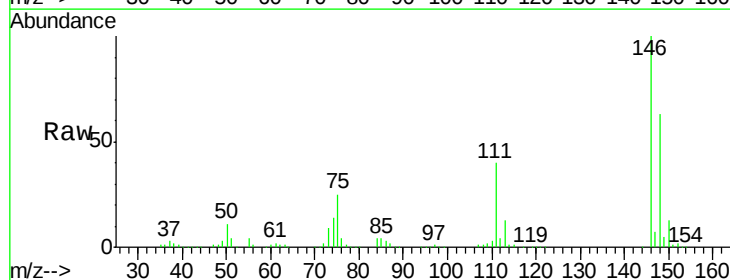
RT: 8.00 min Scan# 904

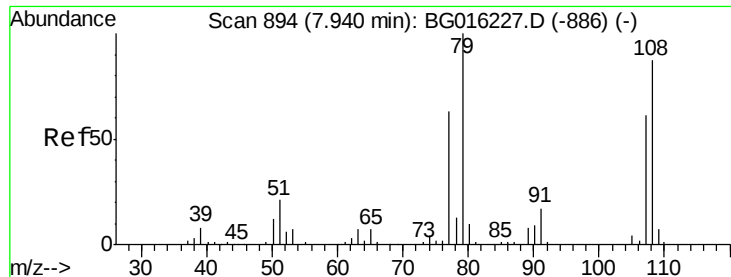
Delta R.T. 0.00 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 194168 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.2  | 50.9  | 76.3   |
| 111       | 39.8  | 34.7  | 52.1   |





#15

Benzyl Alcohol

Concen: 30.73 ng

RT: 7.90 min Scan# 886

Delta R.T. 0.00 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

Instrument :

BNA\_G

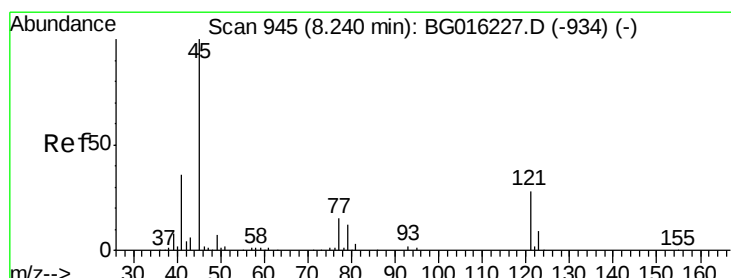
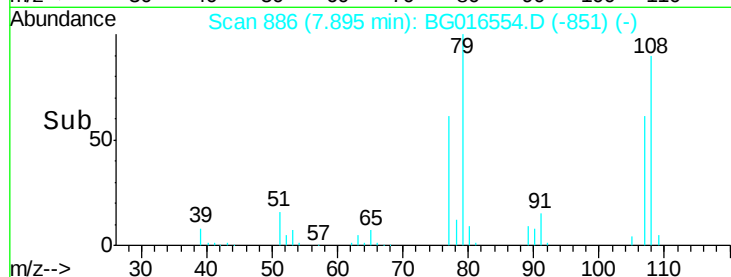
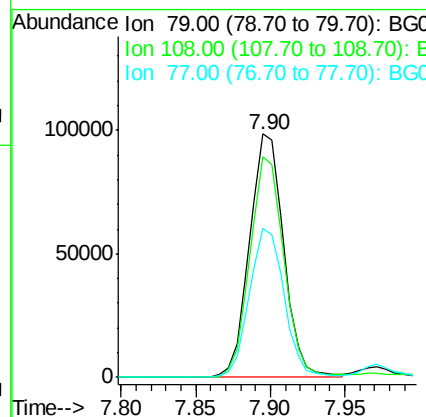
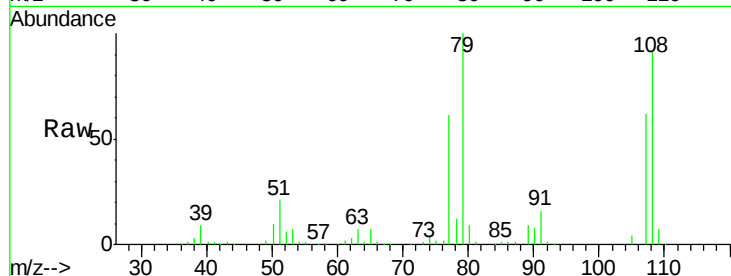
ClientSampleId :

P5-28(0-5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 155731 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 90.7  | 69.3  | 103.9  |
| 77        | 61.1  | 50.3  | 75.5   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.83 ng

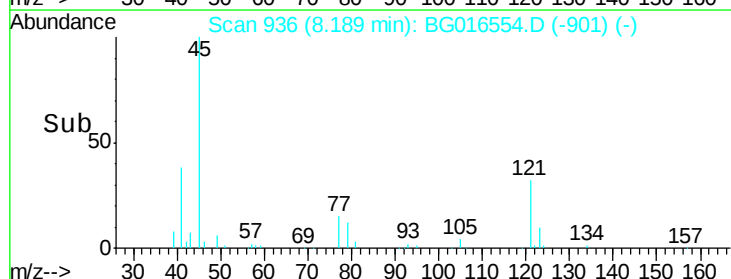
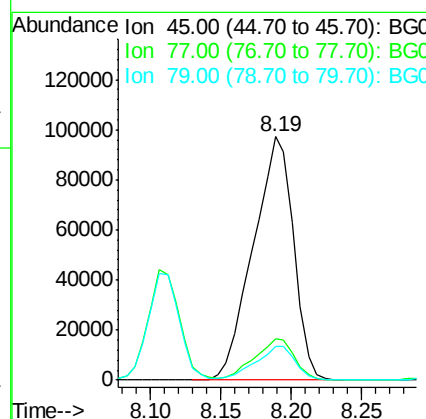
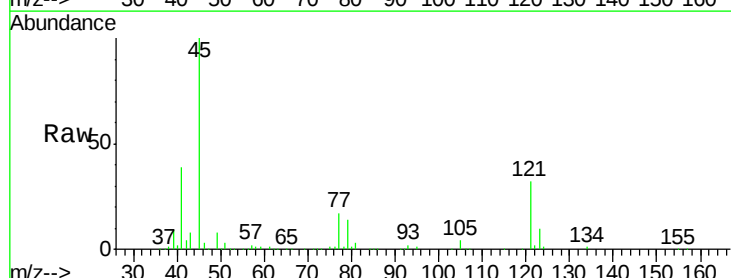
RT: 8.19 min Scan# 936

Delta R.T. 0.00 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 194415 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 17.0  | 0.0   | 35.3   |
| 79        | 13.7  | 0.0   | 32.3   |





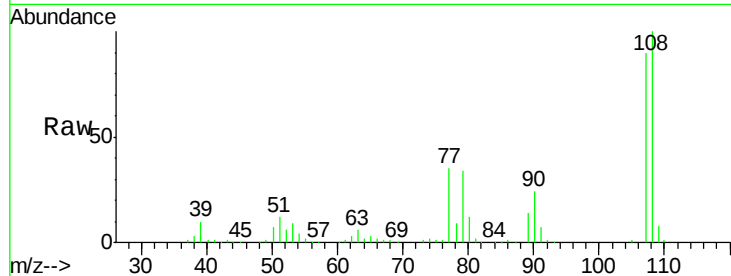
#17  
2-Methylphenol  
Concen: 34.42 ng  
RT: 8.11 min Scan# 922  
Delta R.T. 0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

Instrument :  
BNA\_G  
ClientSampleId :  
P5-28(0-5)MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 111.2 | 87.2 | 130.8 |       |
| 77      | 39.2  | 31.1 | 46.7  |       |
| 79      | 38.1  | 29.7 | 44.5  |       |

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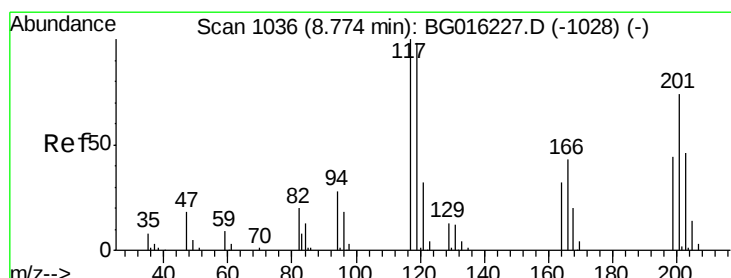
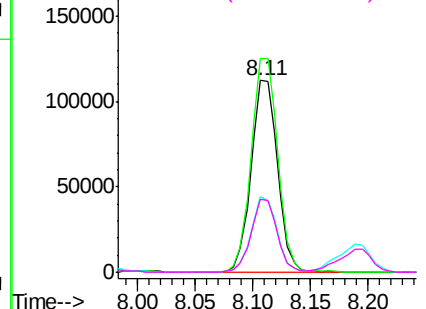
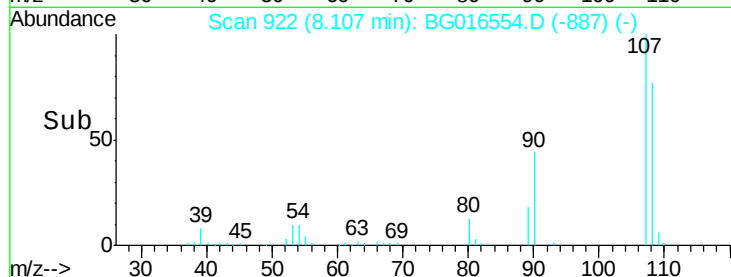
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

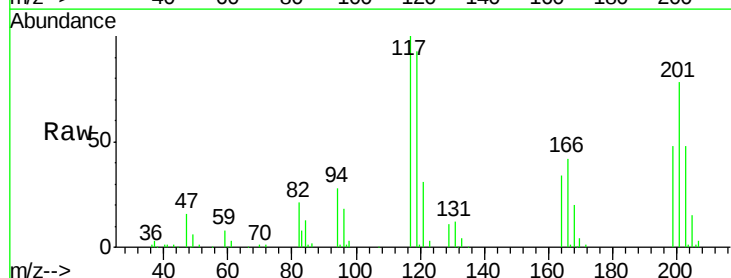
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 30.96 ng  
RT: 8.72 min Scan# 1026  
Delta R.T. 0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 93.5  | 78.8 | 118.2 |       |
| 201     | 77.7  | 59.0 | 88.4  |       |

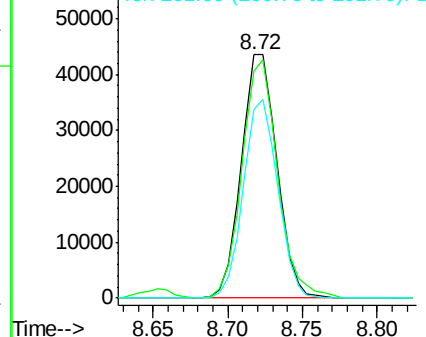
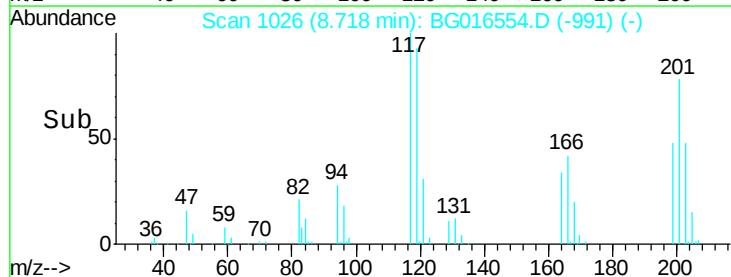


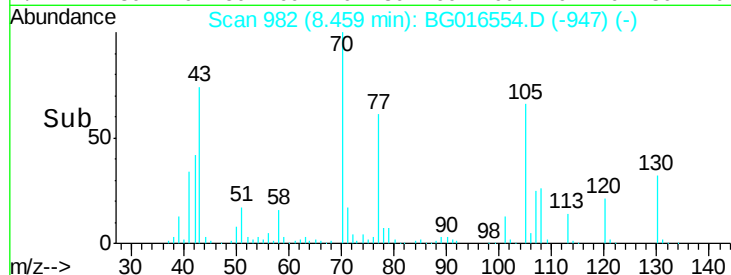
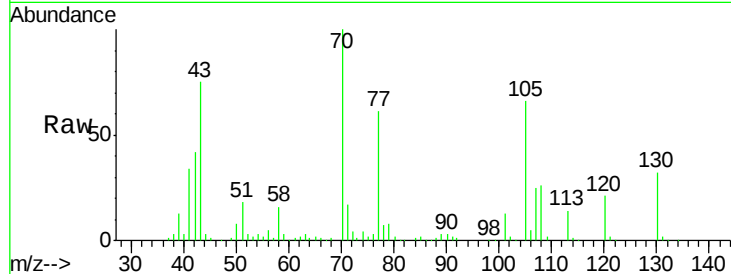
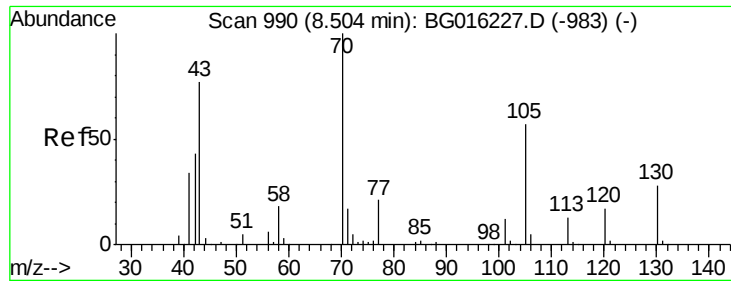
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





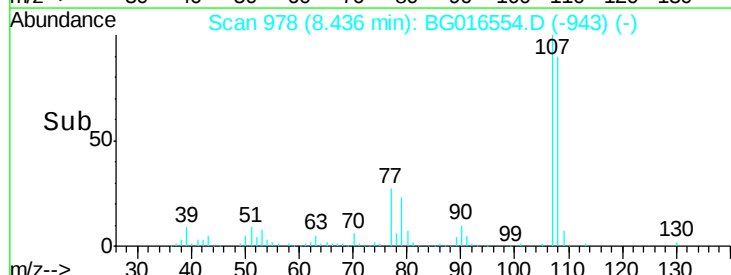
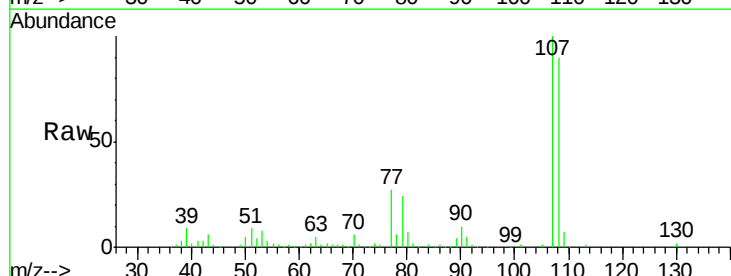
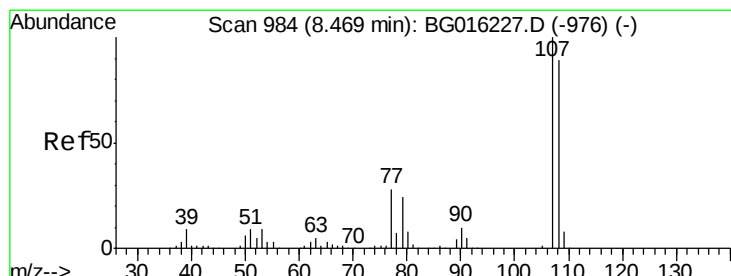
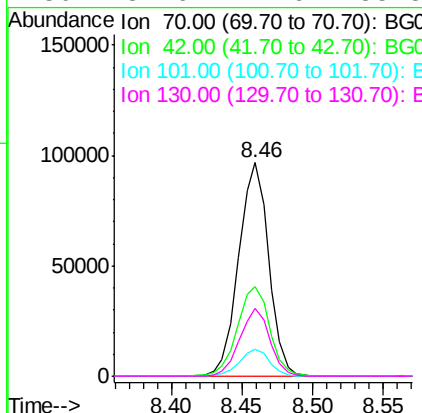
#19  
n-Nitroso-di-n-propylamine  
Concen: 27.59 ng  
RT: 8.46 min Scan# 982  
Delta R.T. 0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

Instrument :  
BNA\_G  
ClientSampleId :  
P5-28(0-5)MS

| Tot Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 143718  | 70  | 100   |      |       |       |
|         | 42  | 41.9  |      | 34.7  | 52.1  |
|         | 101 | 12.7  |      | 9.2   | 13.8  |
|         | 130 | 31.6  |      | 22.6  | 33.8  |

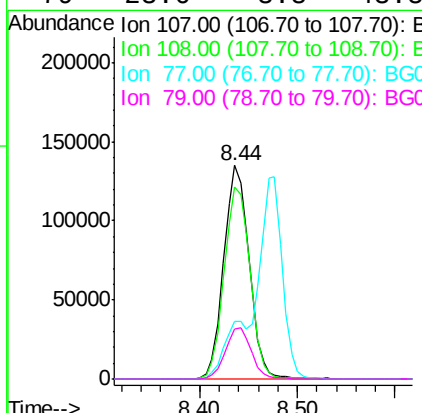
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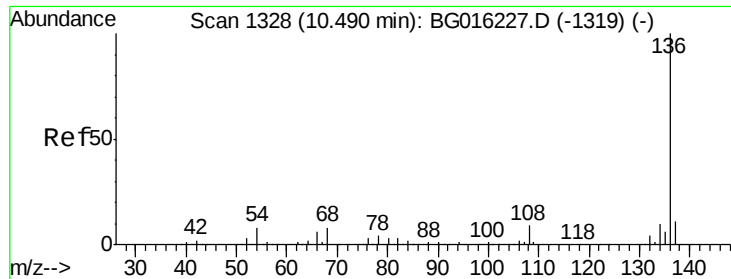
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#20  
3+4-Methylphenols  
Concen: 33.78 ng  
RT: 8.44 min Scan# 978  
Delta R.T. 0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 244043  | 107 | 100   |      |       |       |
|         | 108 | 89.7  |      | 69.5  | 109.5 |
|         | 77  | 26.8  |      | 8.2   | 48.2  |
|         | 79  | 23.6  |      | 3.8   | 43.8  |





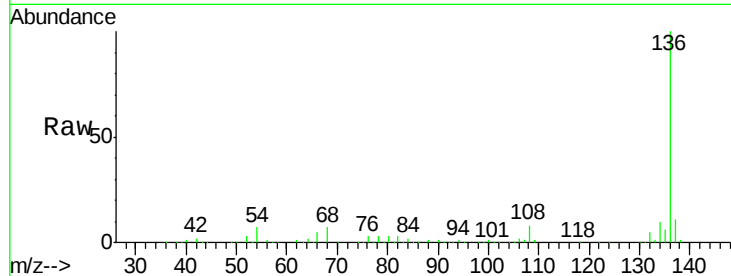
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.44 min Scan# 1319  
Delta R.T. 0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

Instrument :  
BNA\_G  
ClientSampleId :  
P5-28(0-5)MS

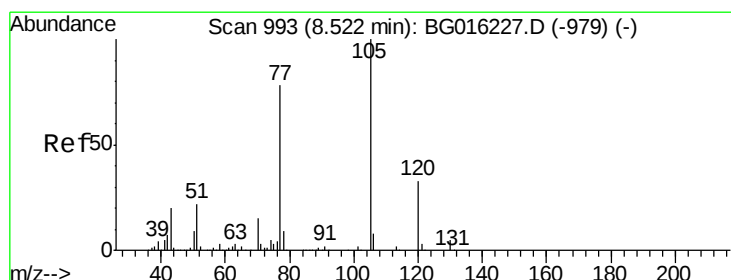
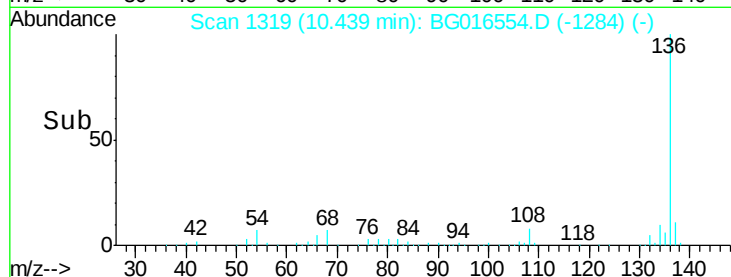
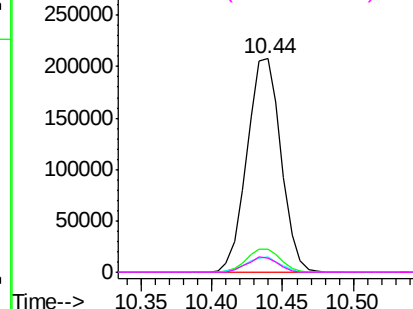
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.0  | 8.7  | 13.1  |       |
| 54      | 7.3   | 6.3  | 9.5   |       |
| 68      | 6.8   | 6.5  | 9.7   |       |

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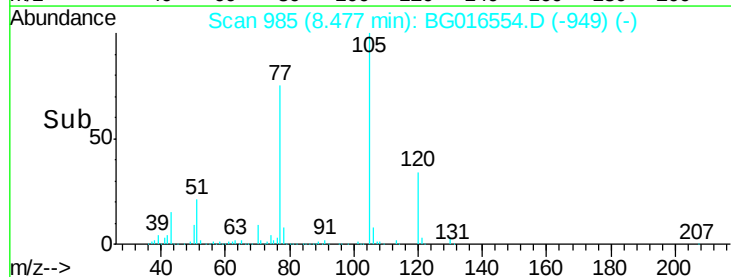
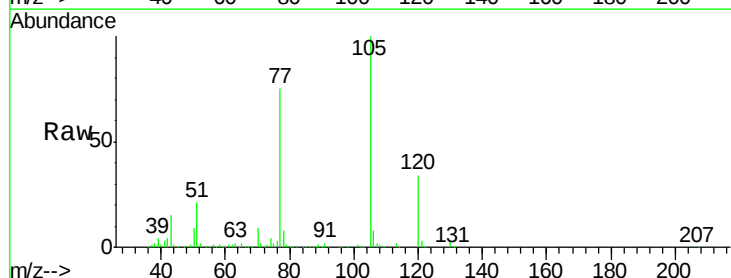
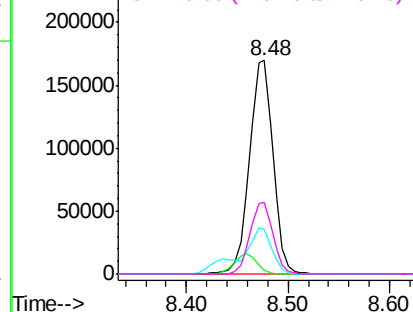
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BG  
Ion 68.00 (67.70 to 68.70): BG



#22  
Acetophenone  
Concen: 33.70 ng  
RT: 8.48 min Scan# 985  
Delta R.T. 0.01 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 1.5   | 2.0  | 3.0#  |       |
| 51      | 21.2  | 17.9 | 26.9  |       |
| 120     | 33.6  | 26.3 | 39.5  |       |

Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BG  
Ion 51.00 (50.70 to 51.70): BG  
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 65.96 ng

RT: 8.81 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

Instrument :

BNA\_G

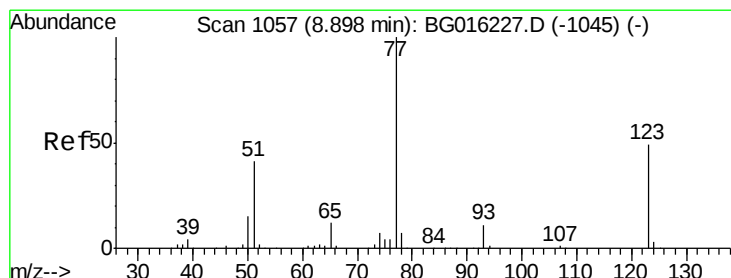
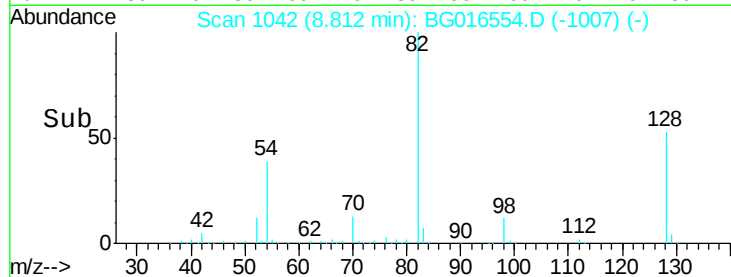
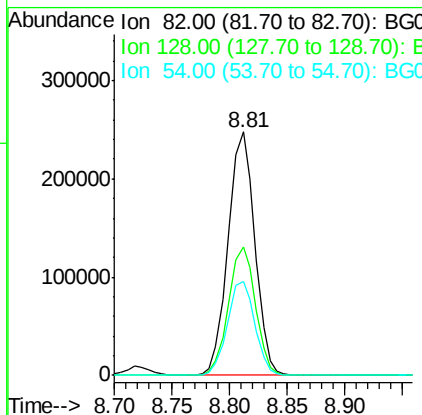
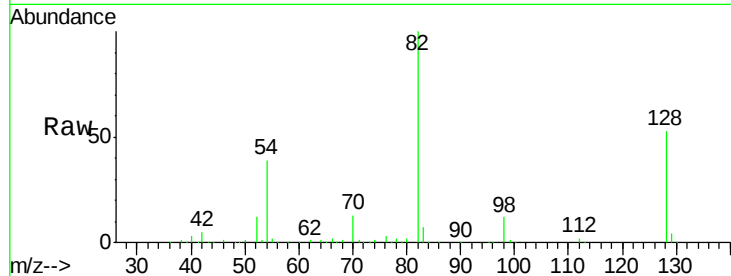
ClientSampleId :

P5-28(0-5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 398724 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 52.7  | 37.8  | 56.8   |
| 54        | 38.8  | 32.6  | 49.0   |

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#24

Nitrobenzene

Concen: 31.05 ng

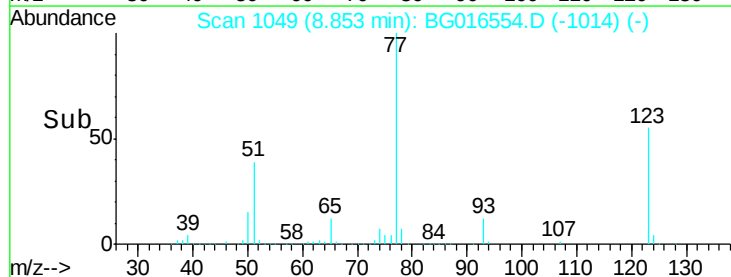
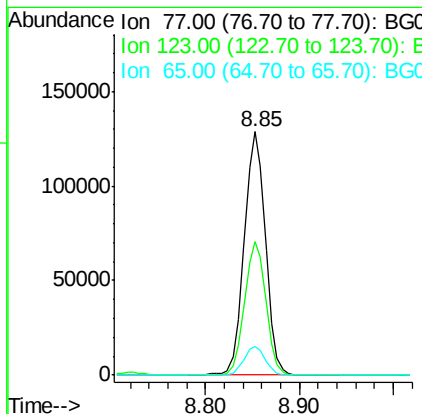
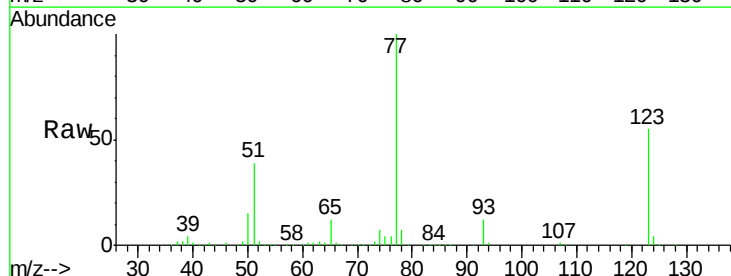
RT: 8.85 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 200713 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 55.1  | 38.8  | 58.2   |
| 65        | 11.9  | 9.4   | 14.2   |





#25

Isophorone

Concen: 29.82 ng

RT: 9.37 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

Instrument :

BNA\_G

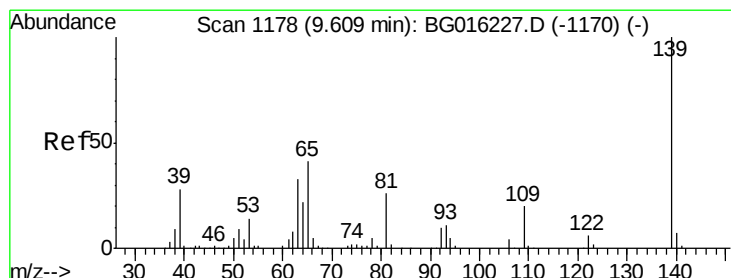
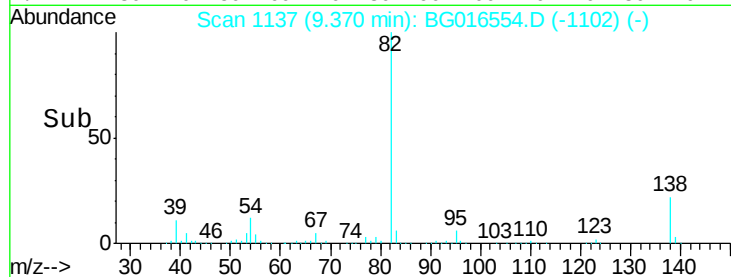
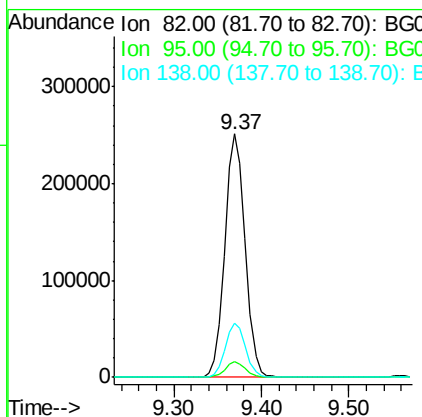
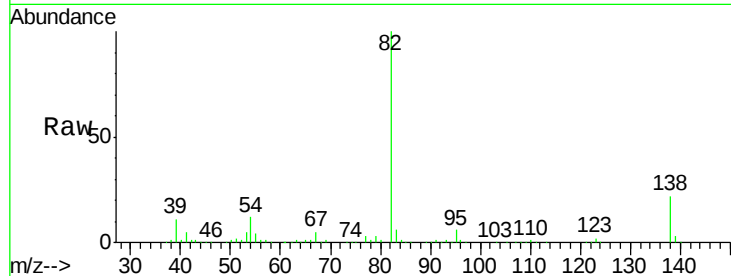
ClientSampleId :

P5-28(0-5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 400307 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.4   | 5.0   | 7.6    |
| 138       | 22.3  | 16.2  | 24.2   |

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#26

2-Nitrophenol

Concen: 39.26 ng

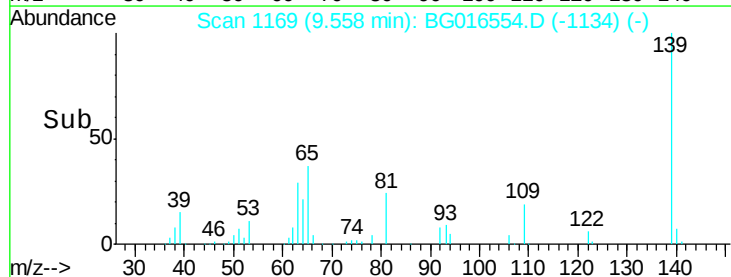
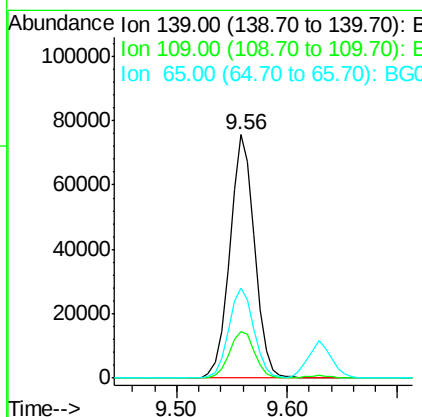
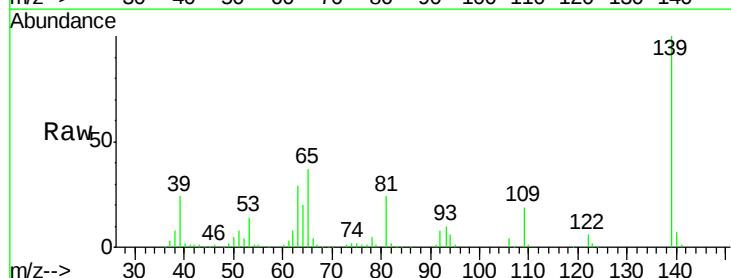
RT: 9.56 min Scan# 1169

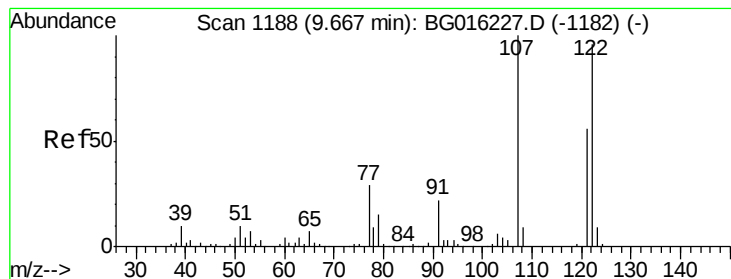
Delta R.T. 0.00 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 118329 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 19.2  | 15.9  | 23.9   |
| 65        | 37.0  | 32.9  | 49.3   |





#27

2,4-Dimethylphenol

Concen: 37.29 ng

RT: 9.63 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

Instrument :

BNA\_G

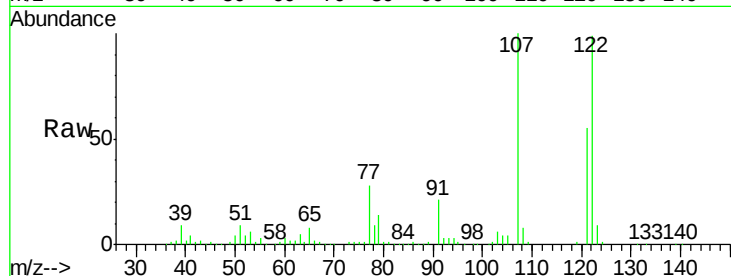
ClientSampleId :

P5-28(0-5)MS

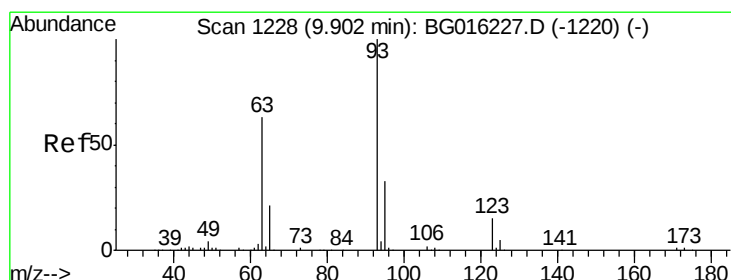
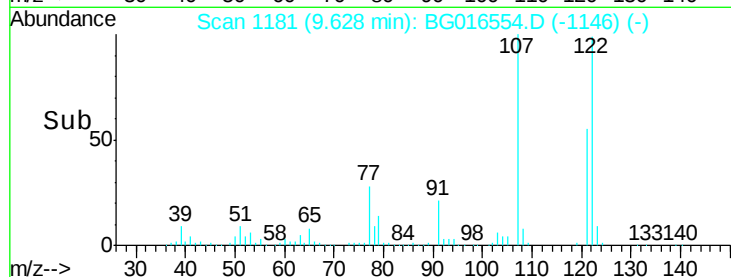
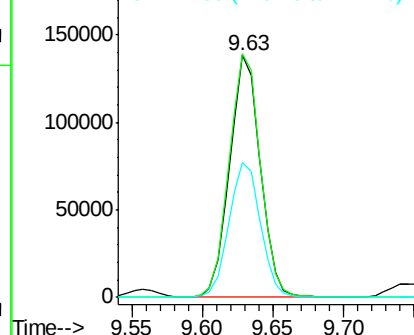
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 209395 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 100.6 | 83.4  | 125.2  |
| 121       | 55.7  | 46.2  | 69.4   |

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Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 31.75 ng

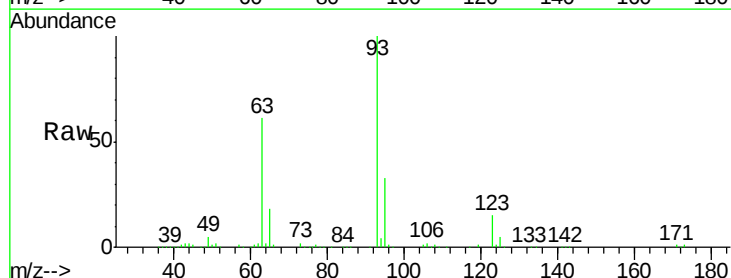
RT: 9.86 min Scan# 1220

Delta R.T. 0.00 min

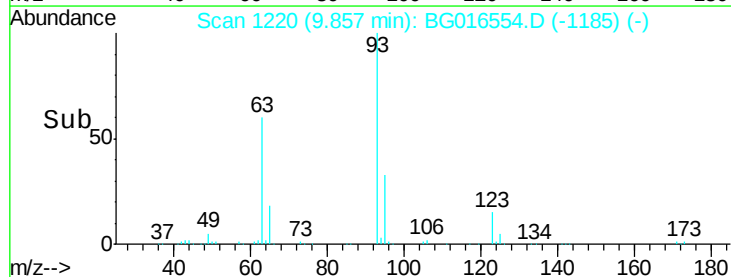
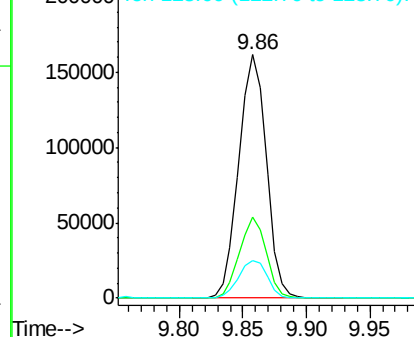
Lab File: BG016554.D

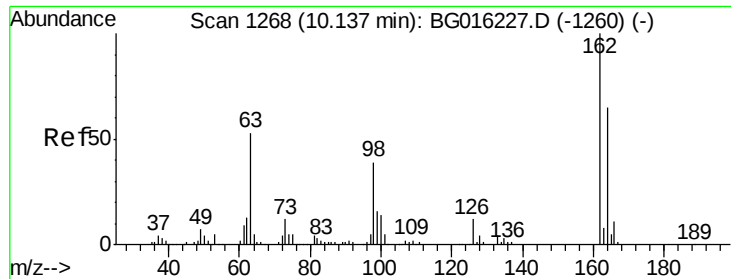
Acq: 20 Apr 2015 16:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 243286 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.0  | 26.1  | 39.1   |
| 123       | 15.3  | 11.8  | 17.8   |



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 123.00 (122.70 to 123.70): E





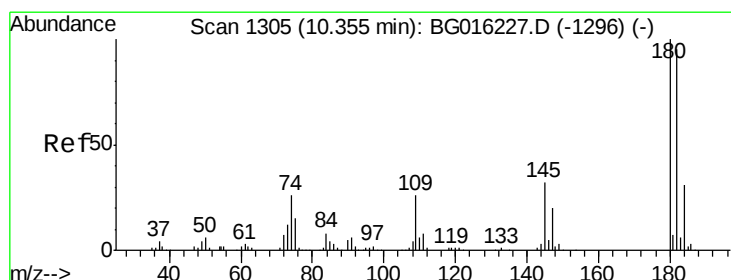
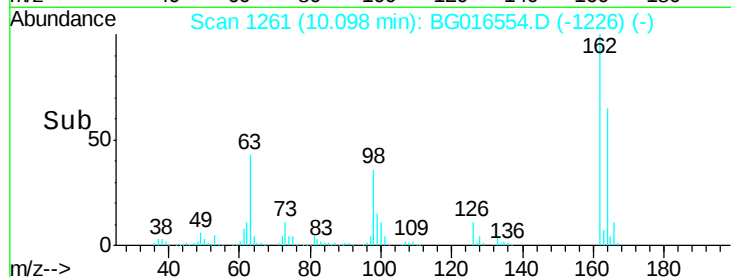
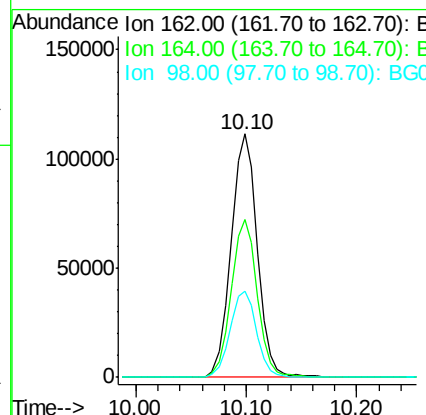
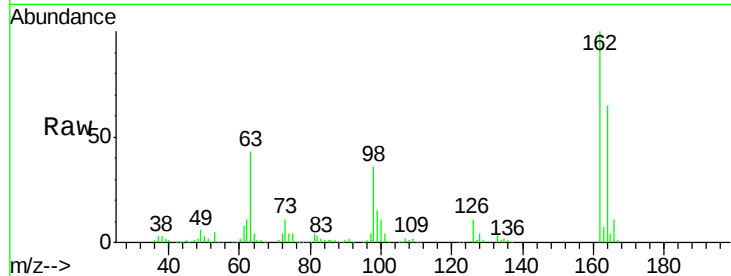
#29  
2,4-Dichlorophenol  
Concen: 41.67 ng  
RT: 10.10 min Scan# 1261  
Delta R.T. 0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

Instrument :  
BNA\_G  
ClientSampled :  
P5-28(0-5)MS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 64.9  | 45.0       | 85.0       |
| 98      | 35.7  | 19.1       | 59.1       |

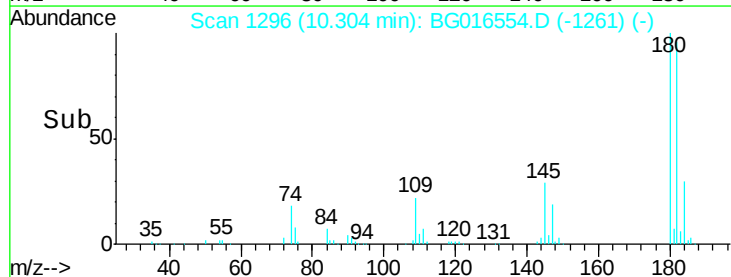
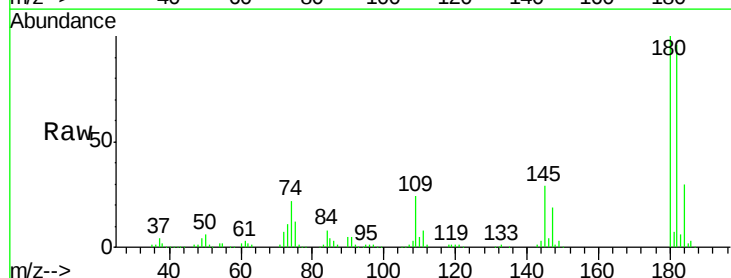
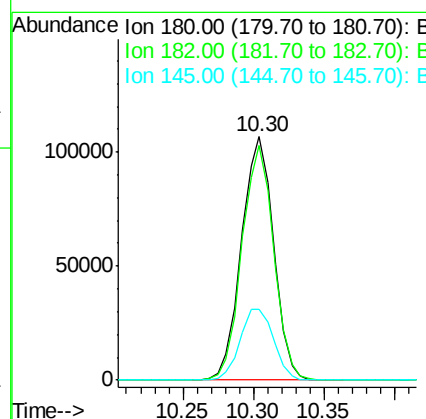
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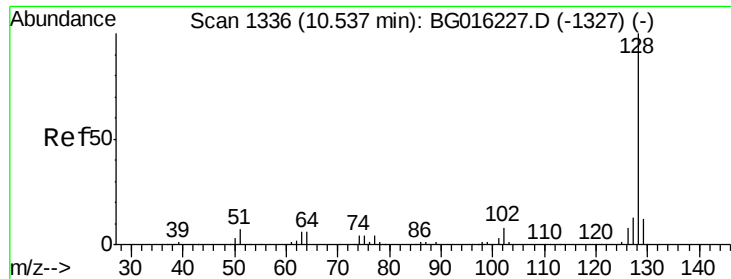
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#30  
1,2,4-Trichlorobenzene  
Concen: 36.52 ng  
RT: 10.30 min Scan# 1296  
Delta R.T. 0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 96.4  | 76.3       | 114.5      |
| 145     | 29.2  | 25.2       | 37.8       |





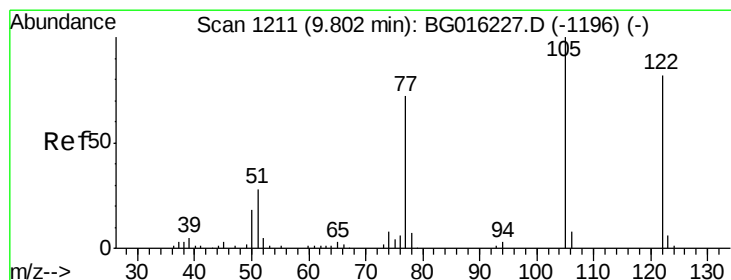
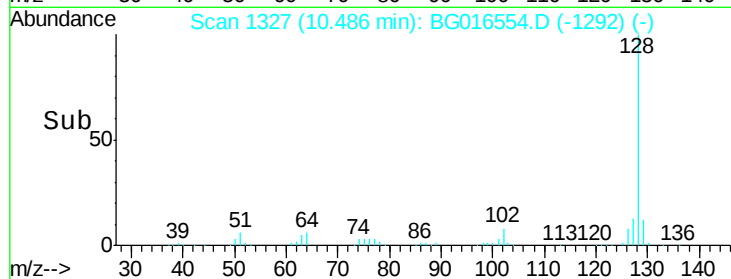
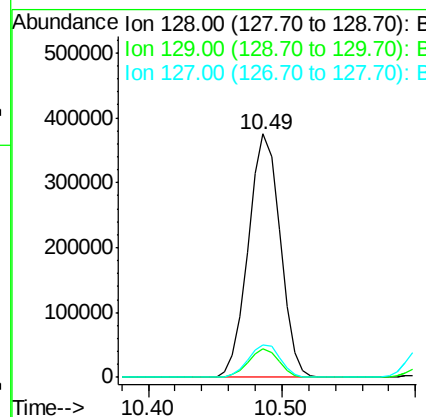
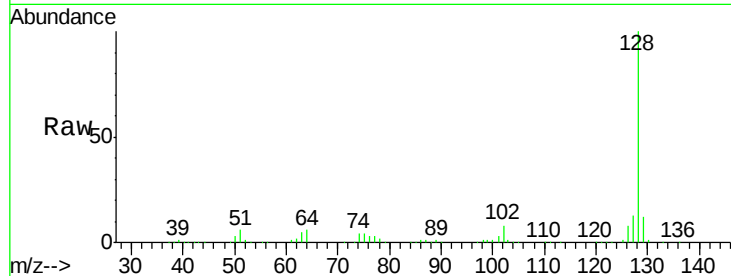
#31  
Naphthalene  
Concen: 33.72 ng  
RT: 10.49 min Scan# 1327  
Delta R.T. 0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

Instrument :  
BNA\_G  
ClientSampleId :  
P5-28(0-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.5  | 9.2   | 13.8  |
| 127     | 13.5  | 10.6  | 16.0  |

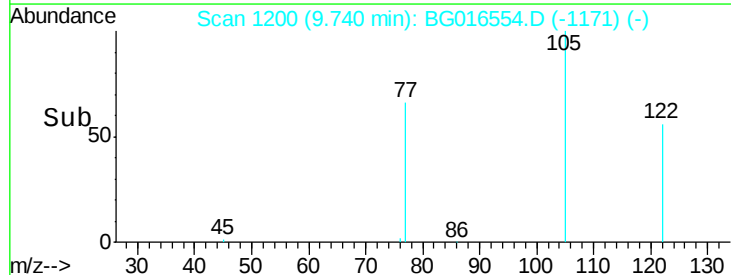
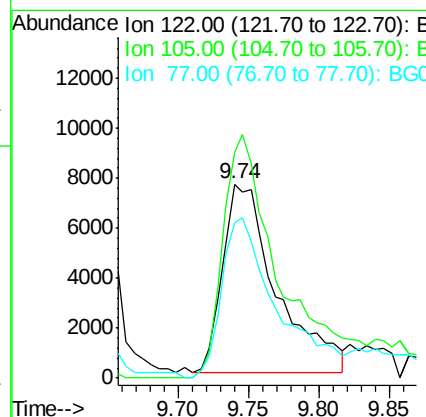
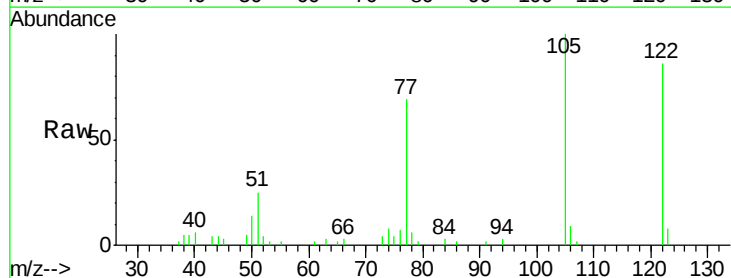
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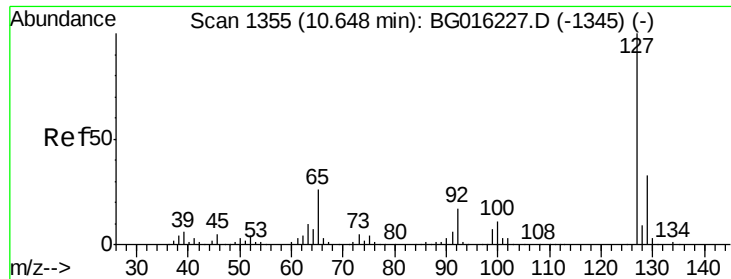
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#32  
Benzoic acid  
Concen: 13.20 ng  
RT: 9.74 min Scan# 1200  
Delta R.T. -0.03 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 116.5 | 99.7  | 139.7 |
| 77      | 80.1  | 66.8  | 106.8 |





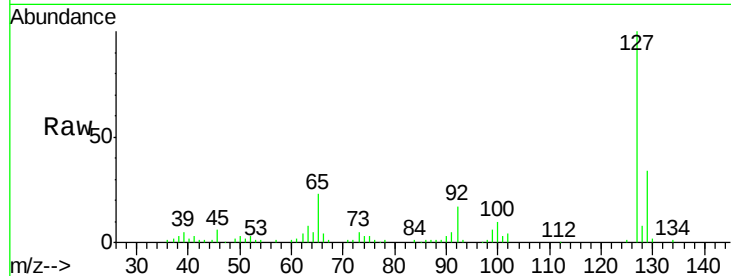
#33  
4-Chloroaniline  
Concen: 10.05 ng  
RT: 10.60 min Scan# 1347  
Delta R.T. 0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

Instrument :  
BNA\_G  
ClientSampleId :  
P5-28(0-5)MS

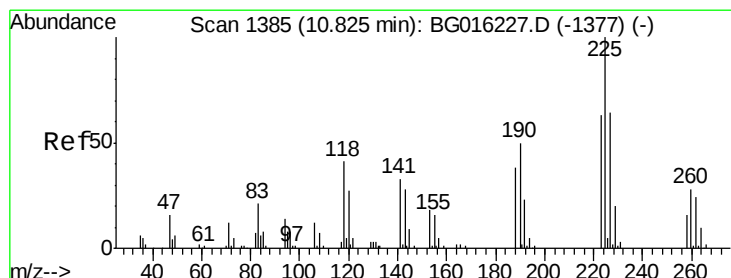
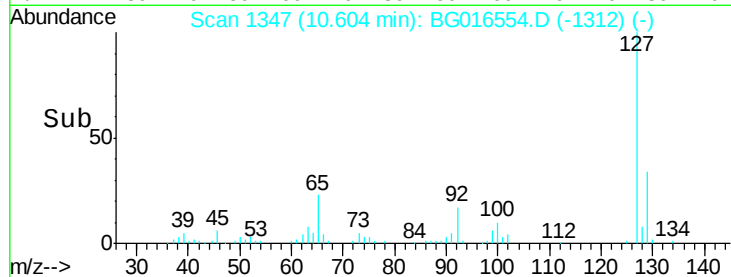
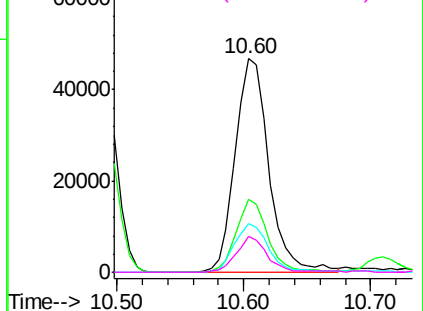
| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 86074 |       |       |
| 129     | 34.3 | 26.1  | 39.1  |       |       |
| 65      | 22.8 | 21.2  | 31.8  |       |       |
| 92      | 16.8 | 13.8  | 20.6  |       |       |

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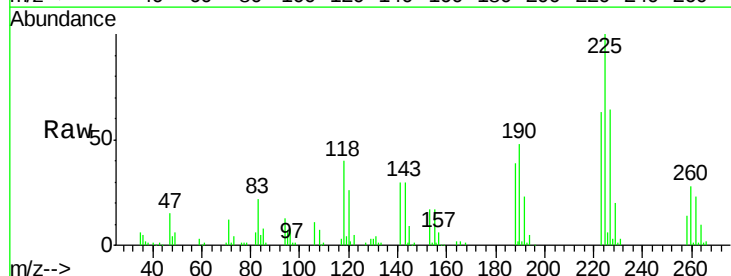


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

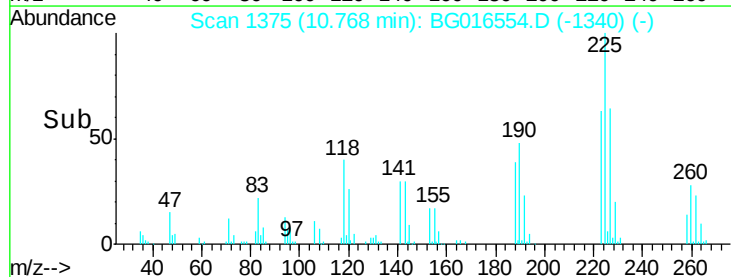
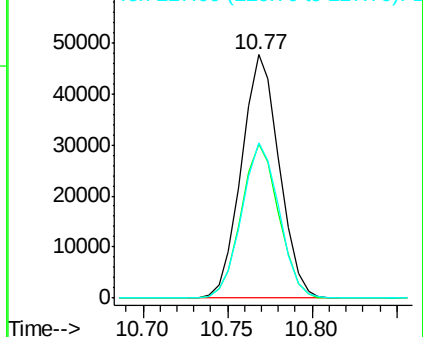


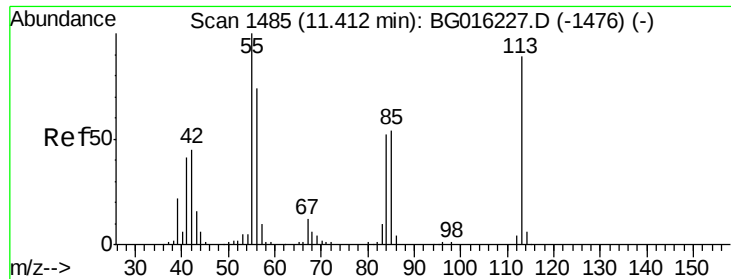
#34  
Hexachlorobutadiene  
Concen: 36.27 ng  
RT: 10.77 min Scan# 1375  
Delta R.T. 0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 225     | 100  |       | 73906 |       |       |
| 223     | 63.3 | 50.4  | 75.6  |       |       |
| 227     | 63.7 | 51.2  | 76.8  |       |       |



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





#35

Caprolactam

Concen: 37.75 ng/mL

RT: 11.37 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

Instrument :

BNA\_G

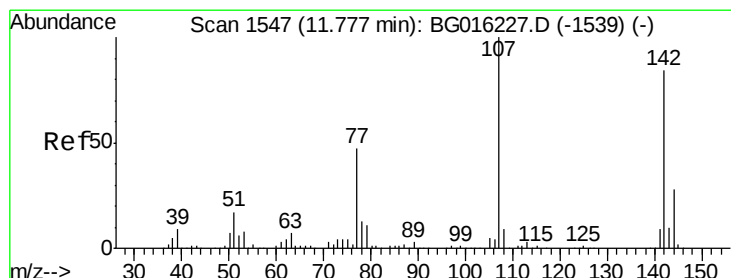
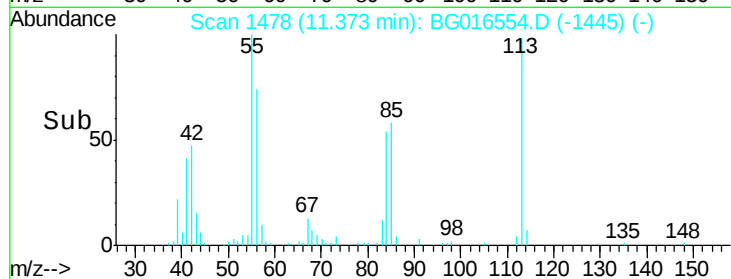
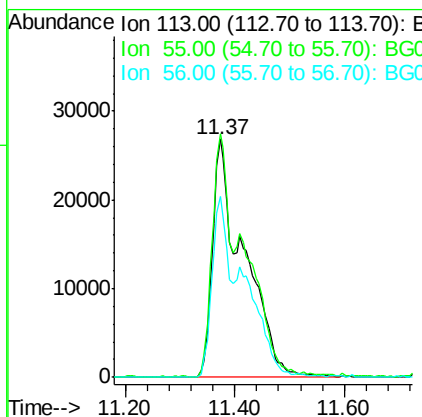
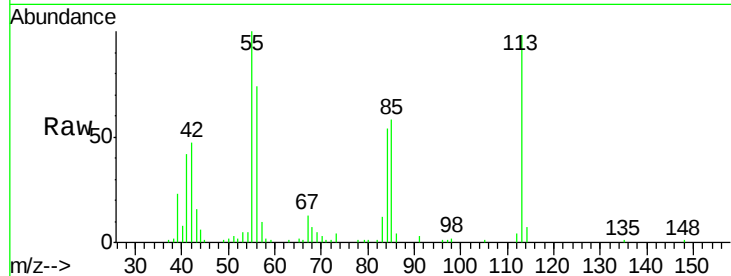
ClientSampleId :

P5-28(0-5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 105589 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 102.1 | 92.4  | 132.4  |
| 56        | 75.9  | 63.2  | 103.2  |

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#36

4-Chloro-3-methylphenol

Concen: 37.36 ng/mL

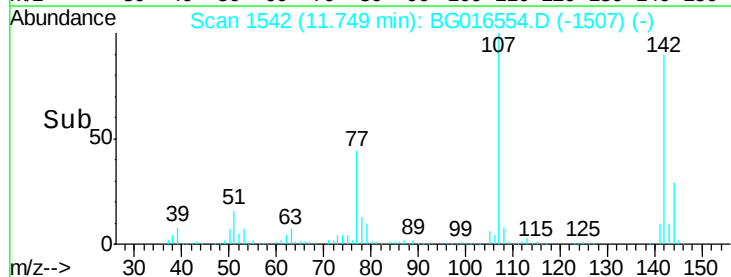
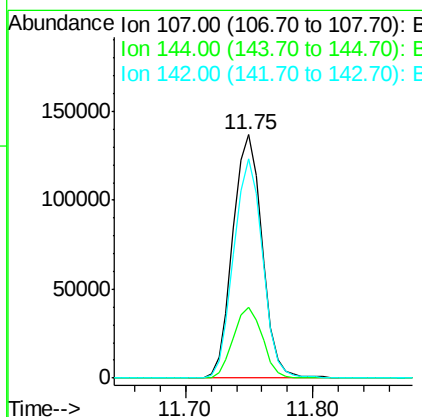
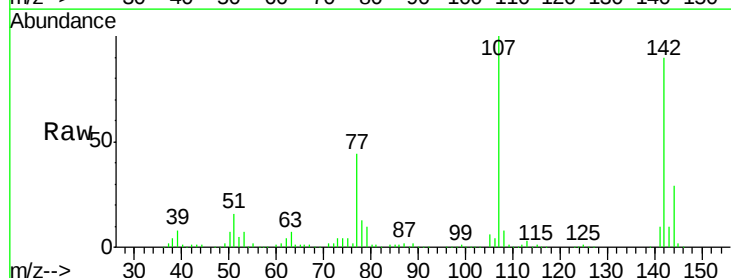
RT: 11.75 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 219240 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 29.3  | 22.0  | 33.0   |
| 142       | 89.9  | 67.0  | 100.6  |





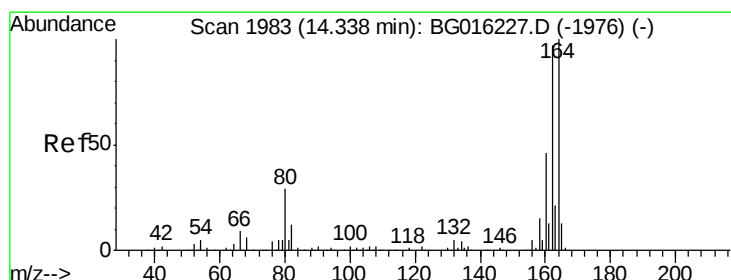
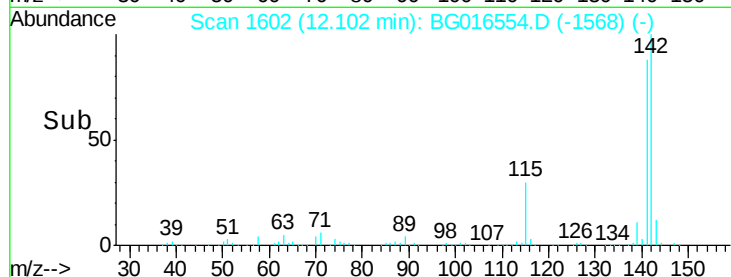
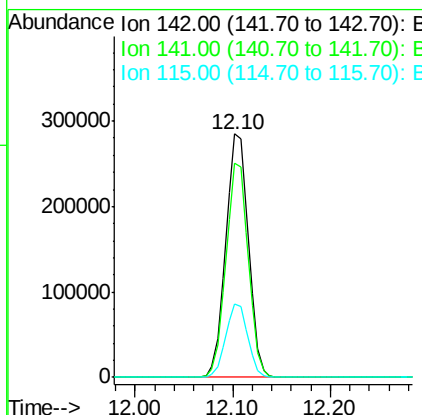
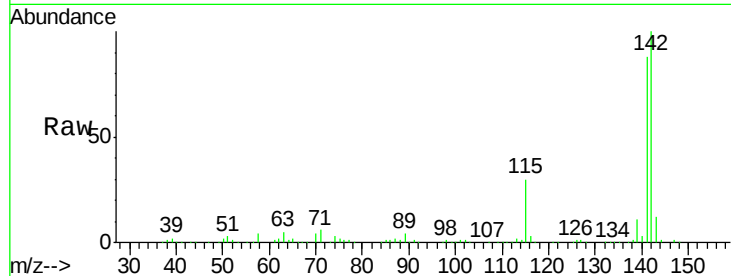
#37  
2-Methylnaphthalene  
Concen: 34.96 ng  
RT: 12.10 min Scan# 1602  
Delta R.T. -0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

Instrument :  
BNA\_G  
ClientSampleId :  
P5-28(0-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.8  | 69.3  | 103.9 |
| 115     | 30.1  | 25.0  | 37.6  |

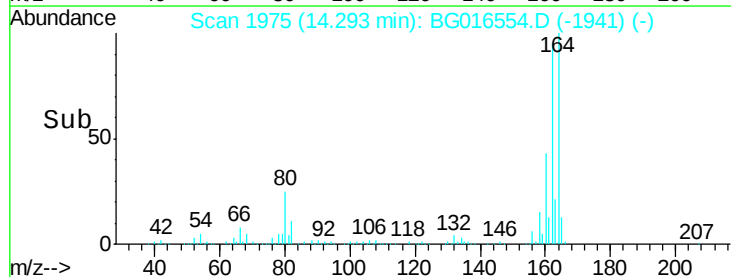
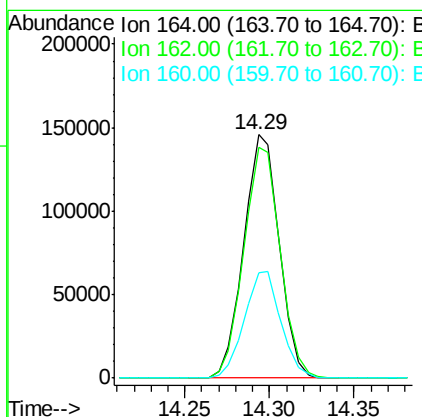
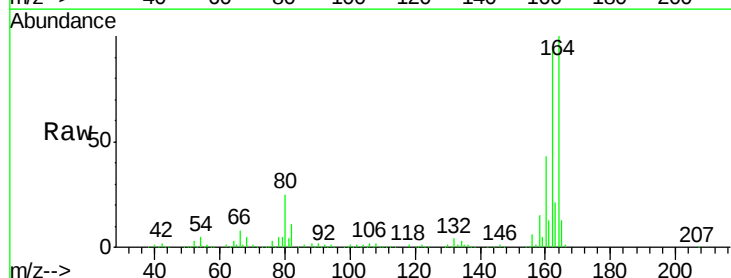
Manual Integrations  
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.29 min Scan# 1975  
Delta R.T. -0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 95.0  | 77.3  | 115.9 |
| 160     | 43.1  | 36.7  | 55.1  |





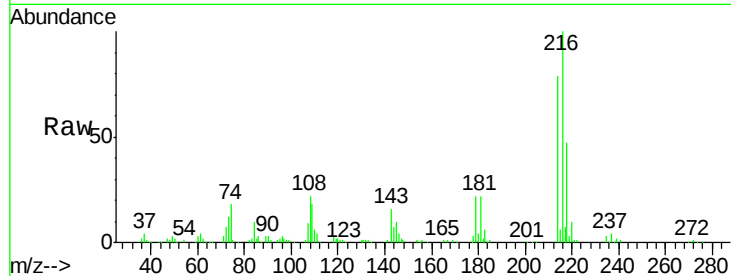
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 34.67 ng  
 RT: 12.48 min Scan# 1666  
 Delta R.T. -0.00 min  
 Lab File: BG016554.D  
 Acq: 20 Apr 2015 16:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P5-28(0-5)MS

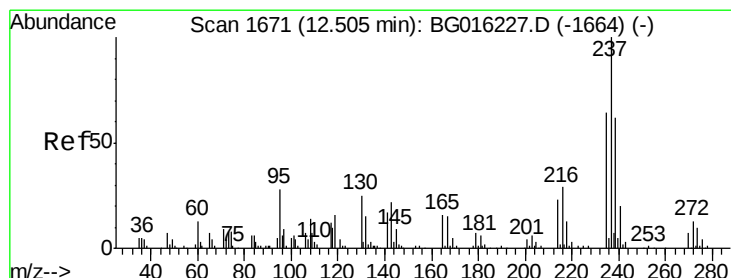
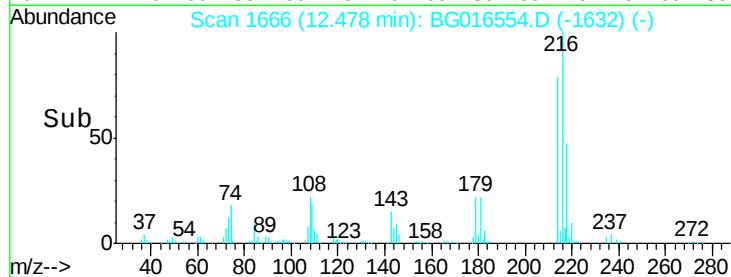
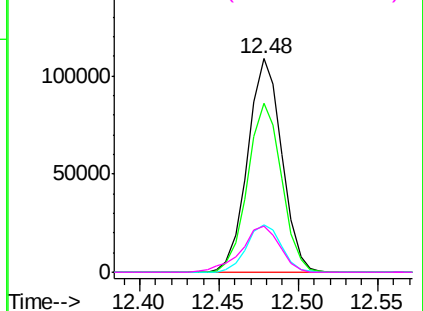
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 216   | Resp: | 162244 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 79.0  | 63.4  | 95.0   |
| 179       | 22.5  | 18.2  | 27.2   |
| 108       | 24.5  | 21.2  | 31.8   |

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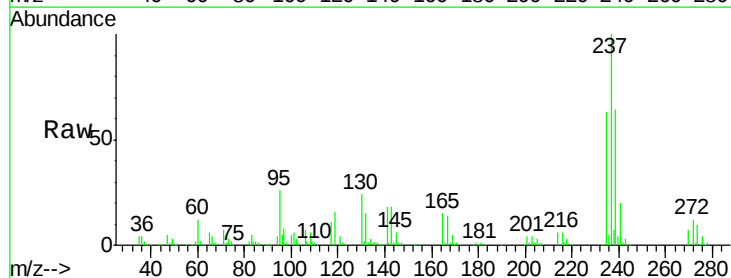


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

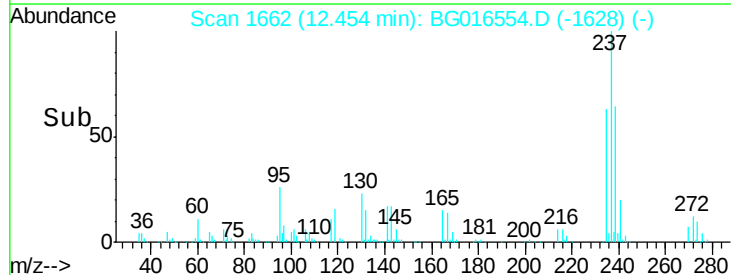
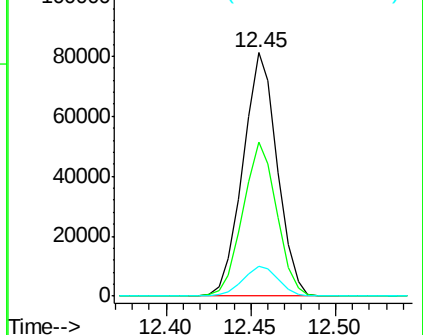


#40  
 Hexachlorocyclopentadiene  
 Concen: 53.61 ng  
 RT: 12.45 min Scan# 1662  
 Delta R.T. -0.00 min  
 Lab File: BG016554.D  
 Acq: 20 Apr 2015 16:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 114832 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.1  | 43.9  | 83.9   |
| 272       | 12.3  | 0.0   | 33.1   |



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





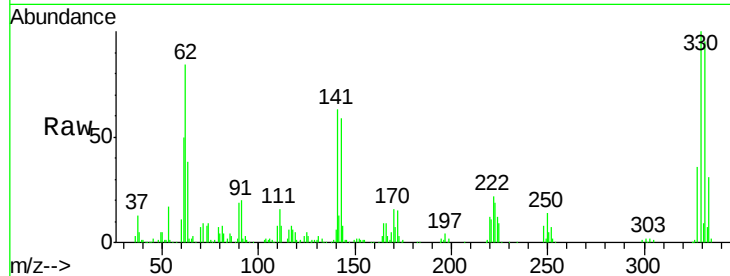
#41  
 2,4,6-Tribromophenol  
 Concen: 117.21 ng  
 RT: 15.79 min Scan# 2229  
 Delta R.T. -0.00 min  
 Lab File: BG016554.D  
 Acq: 20 Apr 2015 16:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P5-28(0-5)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 168483 |       |       |
| 332     | 93.9  | 75.8   | 113.6 |       |
| 141     | 57.4  | 46.6   | 69.8  |       |

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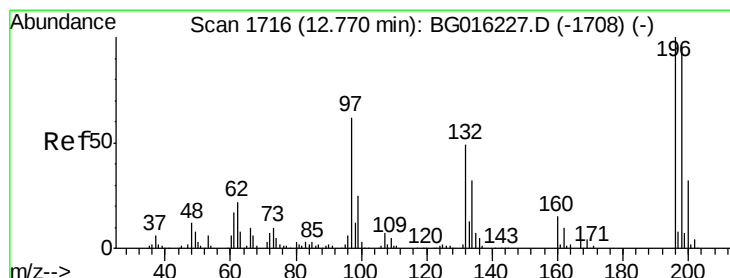
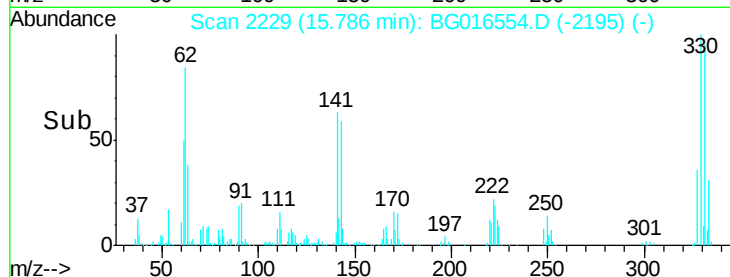
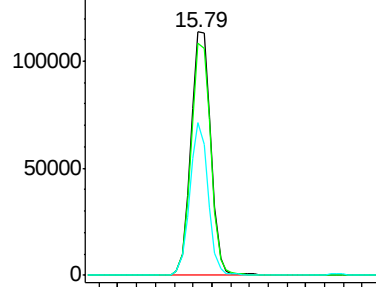


Abundance

Ion 329.80 (329.50 to 330.50): E

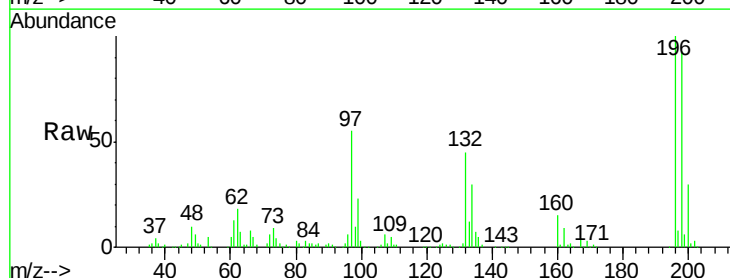
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 37.80 ng  
 RT: 12.73 min Scan# 1709  
 Delta R.T. 0.00 min  
 Lab File: BG016554.D  
 Acq: 20 Apr 2015 16:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 131459 |       |       |
| 198     | 93.5  | 77.2   | 115.8 |       |
| 200     | 30.0  | 25.3   | 37.9  |       |

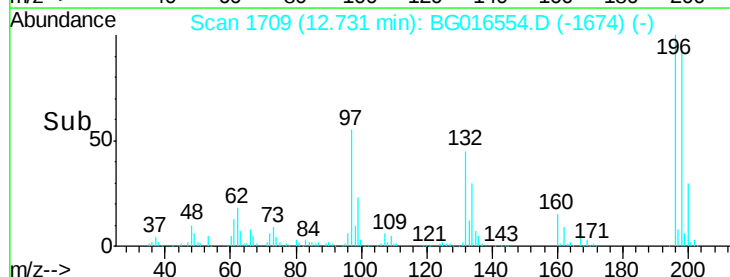
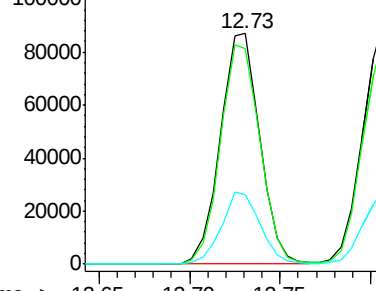


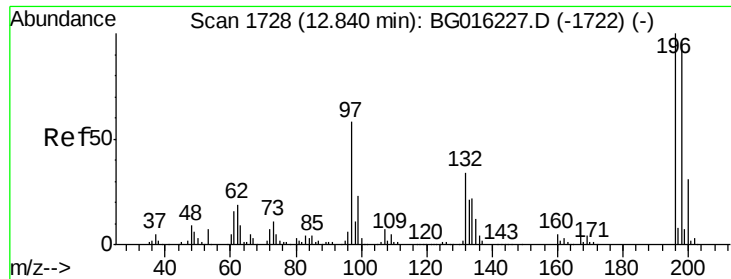
Abundance

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





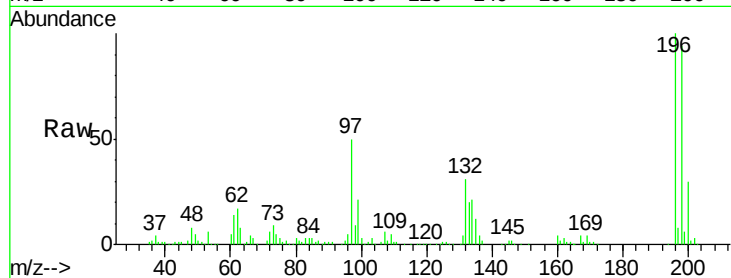
#43  
 2,4,5-Trichlorophenol  
 Concen: 39.06 ng  
 RT: 12.81 min Scan# 1722  
 Delta R.T. 0.00 min  
 Lab File: BG016554.D  
 Acq: 20 Apr 2015 16:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P5-28(0-5)MS

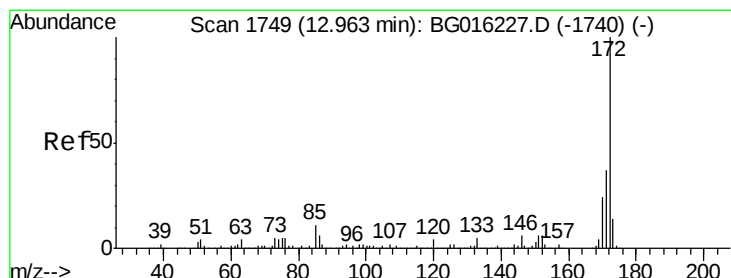
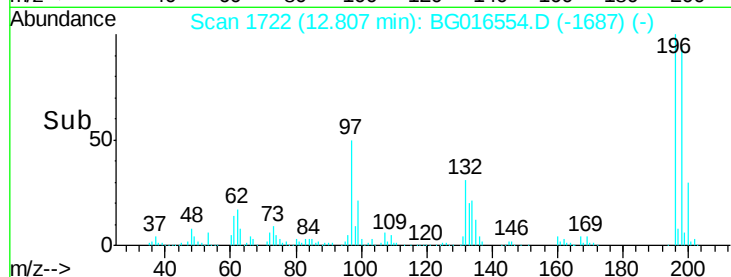
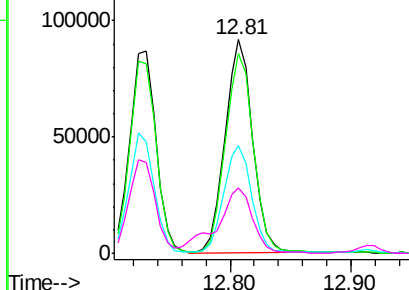
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 196     | 100  |       | 145109 |       |       |
| 198     | 93.7 | 77.1  | 115.7  |       |       |
| 97      | 50.2 | 46.6  | 69.8   |       |       |
| 132     | 30.8 | 27.0  | 40.6   |       |       |

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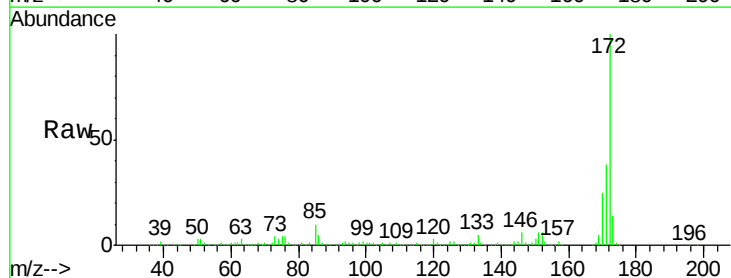


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BG  
 Ion 132.00 (131.70 to 132.70): E

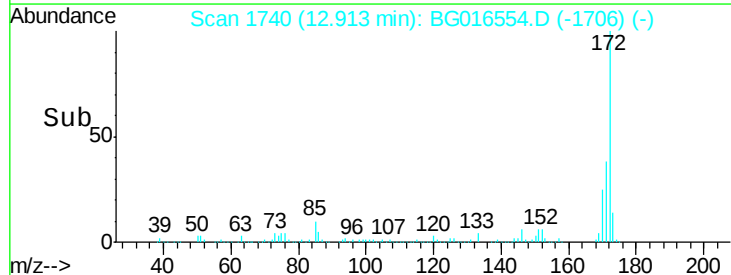
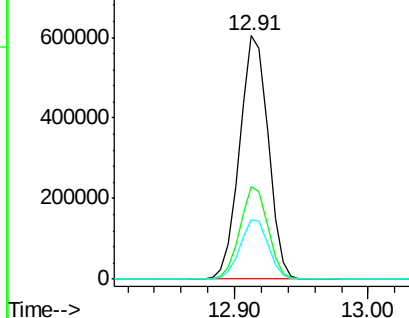


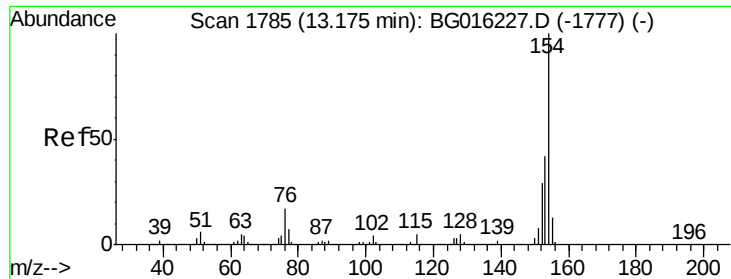
#44  
 2-Fluorobiphenyl  
 Concen: 71.34 ng  
 RT: 12.91 min Scan# 1740  
 Delta R.T. -0.00 min  
 Lab File: BG016554.D  
 Acq: 20 Apr 2015 16:57

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 172     | 100  |       | 890649 |       |       |
| 171     | 38.2 | 29.6  | 44.4   |       |       |
| 170     | 24.6 | 19.4  | 29.2   |       |       |



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





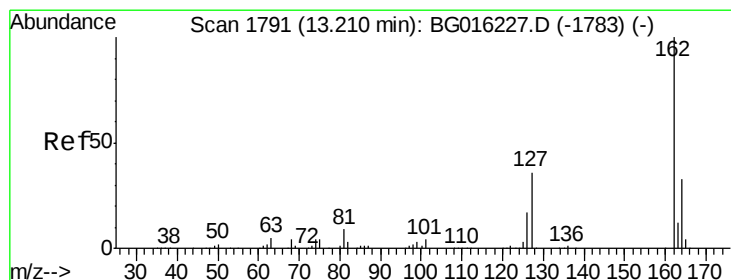
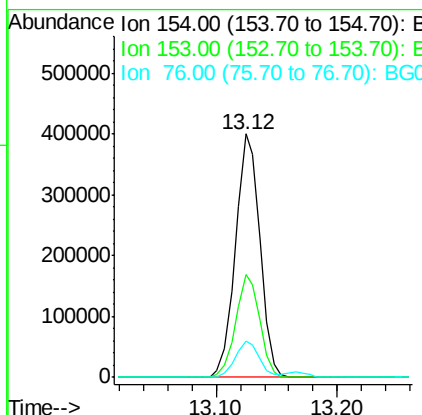
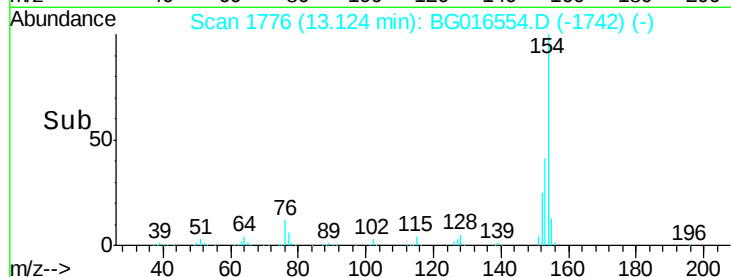
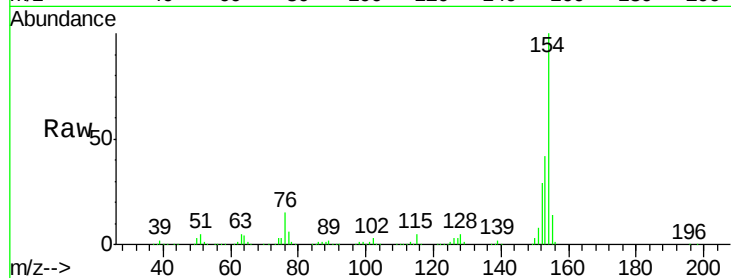
#45  
 1,1'-Biphenyl  
 Concen: 34.52 ng  
 RT: 13.12 min Scan# 1776  
 Delta R.T. -0.00 min  
 Lab File: BG016554.D  
 Acq: 20 Apr 2015 16:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P5-28(0-5)MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 154     | 100   |            |       |
| 153     | 42.1  | 22.4       | 62.4  |
| 76      | 14.7  | 0.0        | 37.1  |

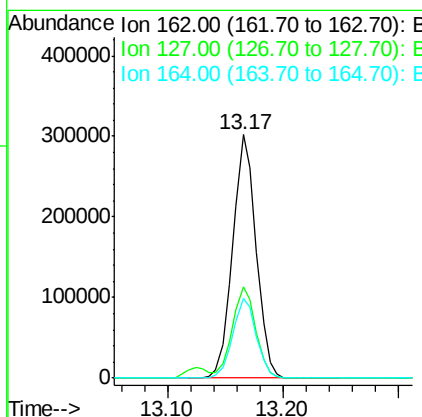
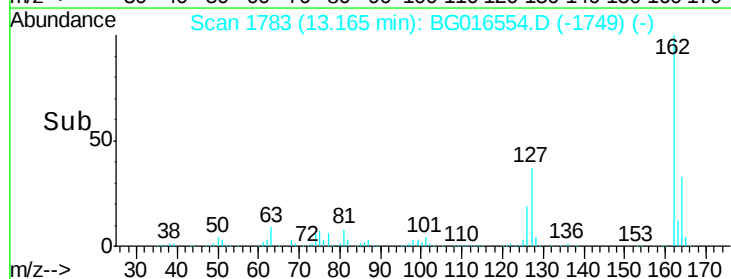
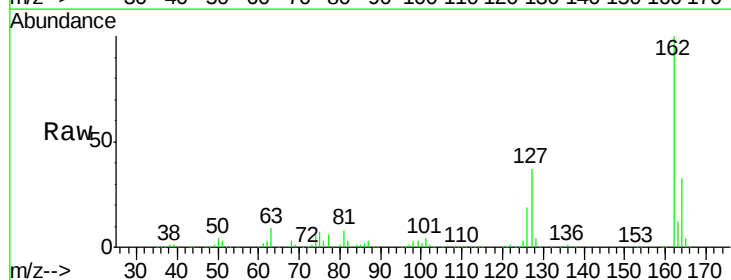
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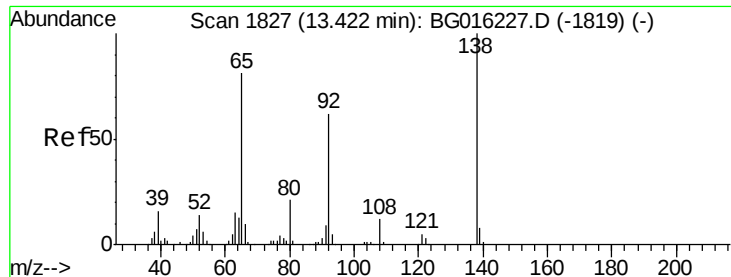
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#46  
 2-Chloronaphthalene  
 Concen: 33.99 ng  
 RT: 13.17 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: BG016554.D  
 Acq: 20 Apr 2015 16:57

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 127     | 37.2  | 30.8       | 46.2  |
| 164     | 32.9  | 26.6       | 40.0  |





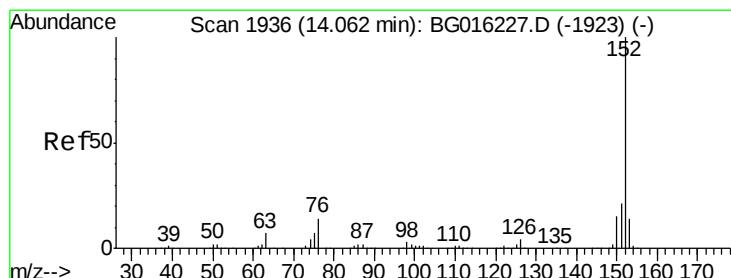
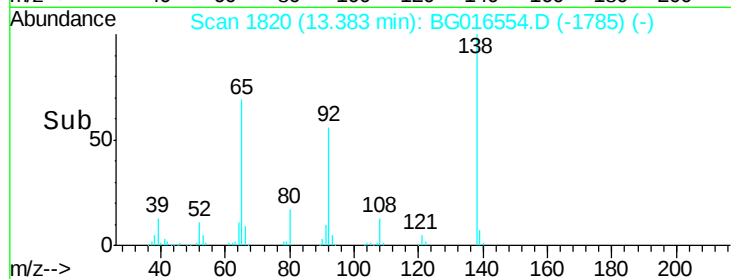
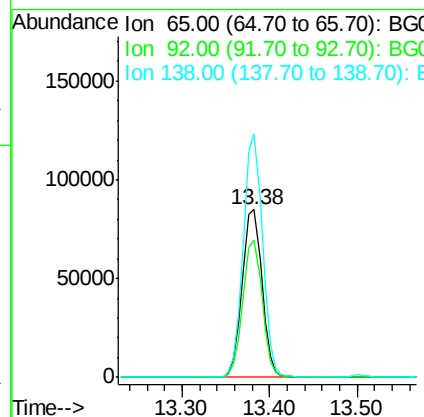
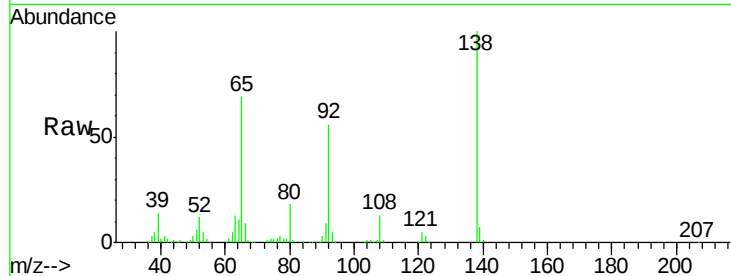
#47  
2-Nitroaniline  
Concen: 32.50 ng  
RT: 13.38 min Scan# 1820  
Delta R.T. 0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

Instrument :  
BNA\_G  
ClientSampleId :  
P5-28(0-5)MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 92      | 81.7  | 61.0 | 91.6  |       |
| 138     | 145.1 | 98.7 | 148.1 |       |

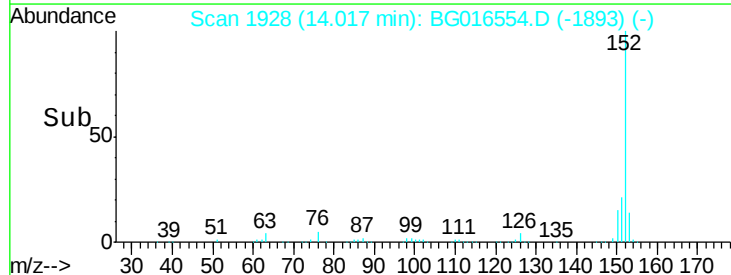
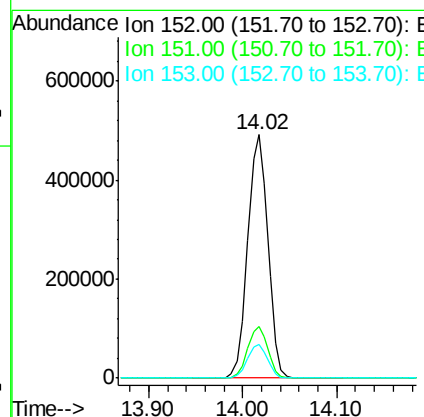
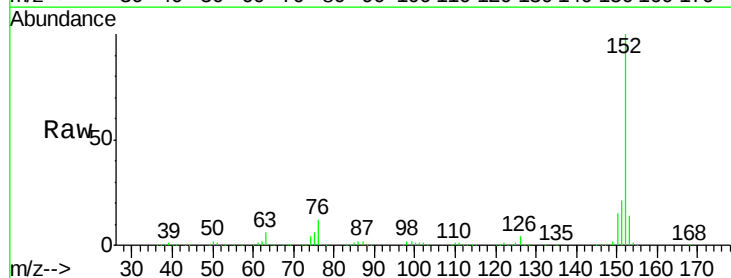
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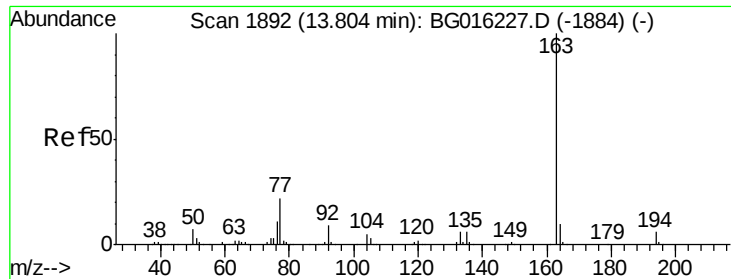
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#48  
Acenaphthylene  
Concen: 32.98 ng  
RT: 14.02 min Scan# 1928  
Delta R.T. 0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 152     | 100   |      |       |       |
| 151     | 21.0  | 16.5 | 24.7  |       |
| 153     | 13.7  | 11.1 | 16.7  |       |





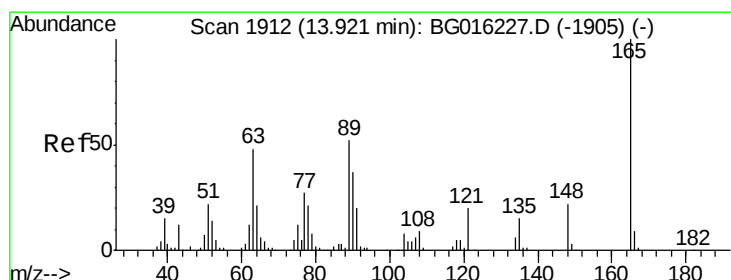
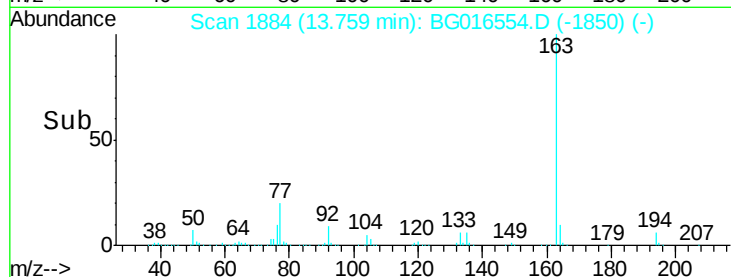
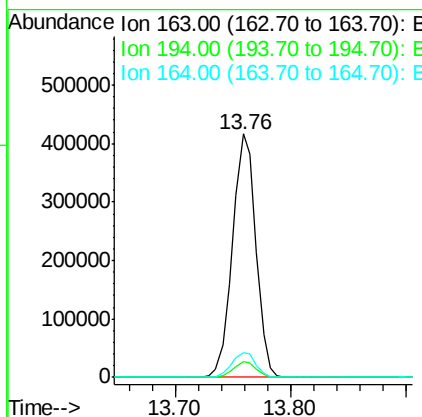
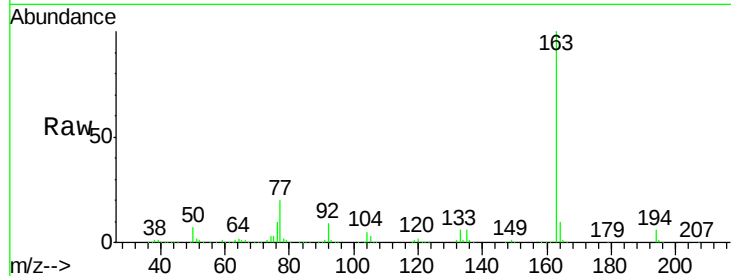
#49  
Dimethylphthalate  
Concen: 37.26 ng  
RT: 13.76 min Scan# 1884  
Delta R.T. -0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

Instrument :  
BNA\_G  
ClientSampleId :  
P5-28(0-5)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 580420 |       |       |
| 194     | 6.3   |        | 5.0   | 7.4   |
| 164     | 10.4  |        | 8.2   | 12.4  |

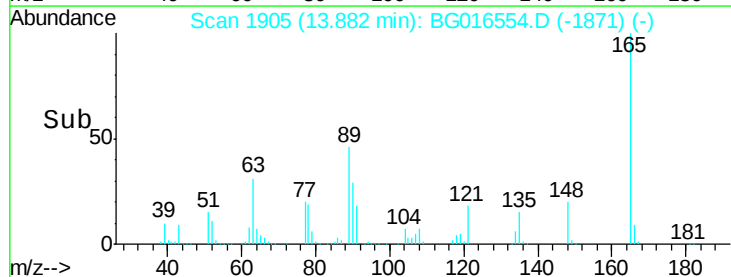
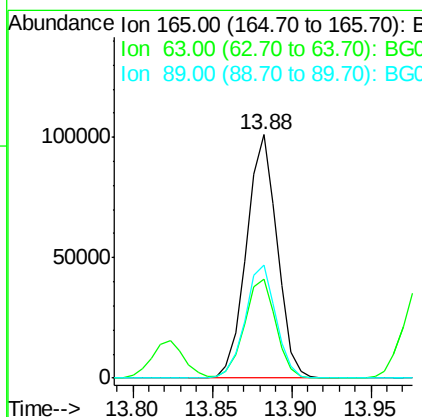
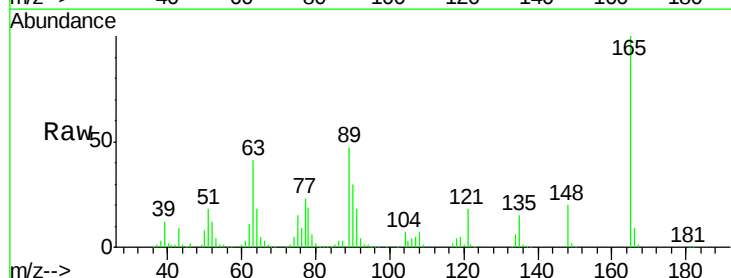
Manual Integrations  
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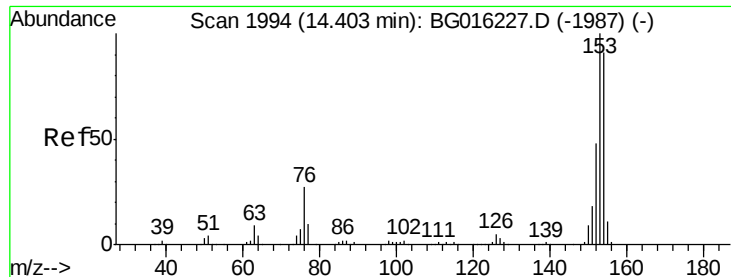
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#50  
2,6-Dinitrotoluene  
Concen: 35.88 ng  
RT: 13.88 min Scan# 1905  
Delta R.T. -0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 135187 |       |       |
| 63      | 40.7  |        | 39.3  | 58.9  |
| 89      | 46.6  |        | 41.3  | 61.9  |





#51

Acenaphthene

Concen: 33.57 ng

RT: 14.36 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

Instrument :

BNA\_G

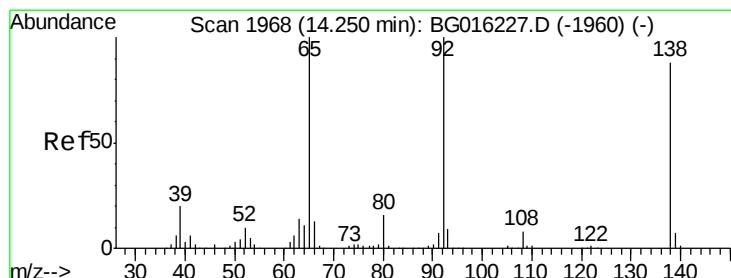
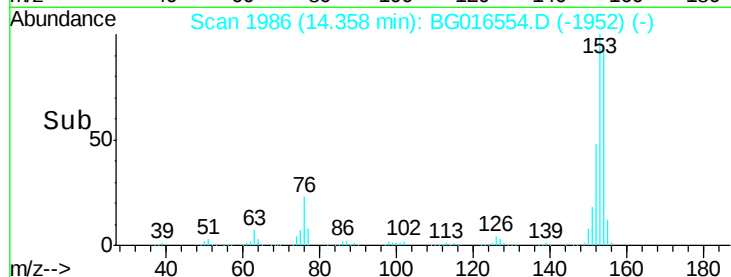
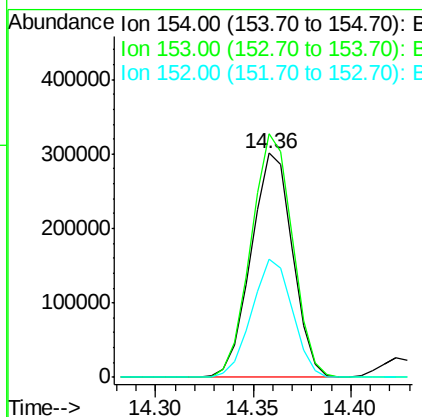
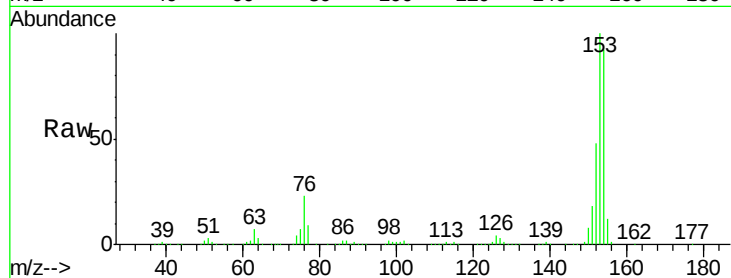
ClientSampleId :

P5-28(0-5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 442991 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 108.6 | 87.5  | 131.3  |
| 152       | 52.6  | 42.1  | 63.1   |

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#52

3-Nitroaniline

Concen: 16.79 ng

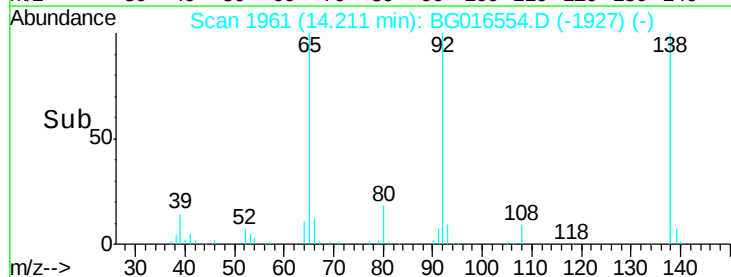
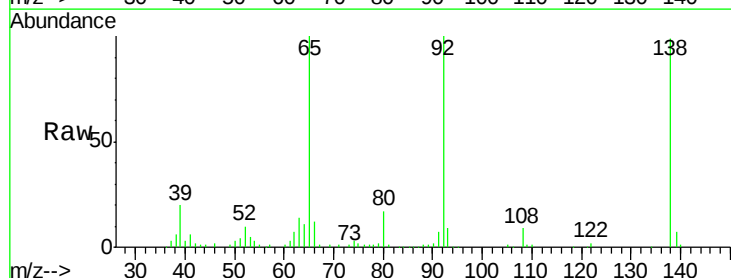
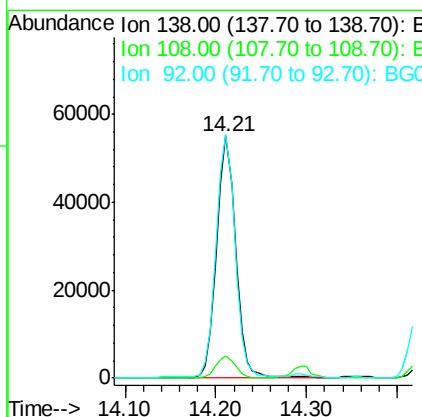
RT: 14.21 min Scan# 1961

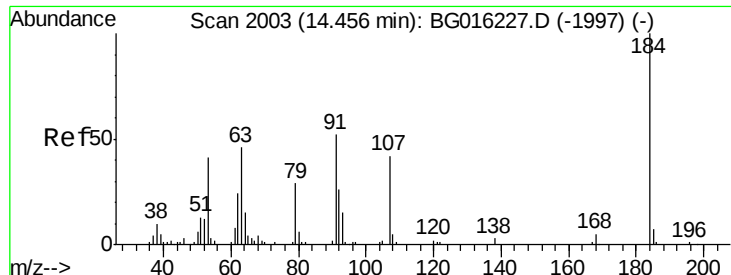
Delta R.T. -0.00 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 80799 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 9.3   | 7.4   | 11.0  |
| 92        | 100.6 | 91.4  | 137.0 |





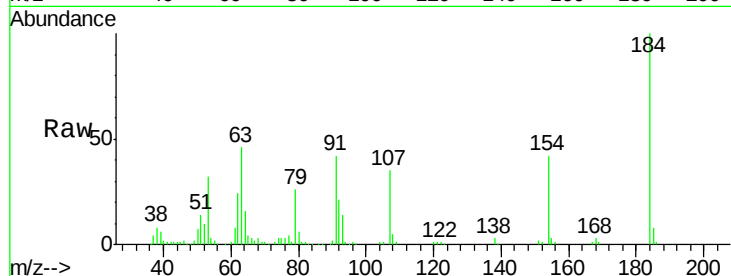
#53  
2,4-Dinitrophenol  
Concen: 45.08 ng  
RT: 14.42 min Scan# 1997  
Delta R.T. -0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

Instrument :  
BNA\_G  
ClientSampleId :  
P5-28(0-5)MS

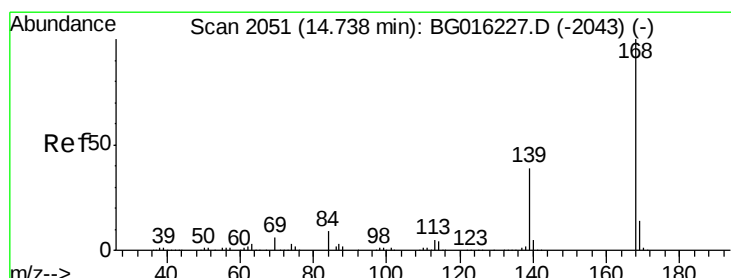
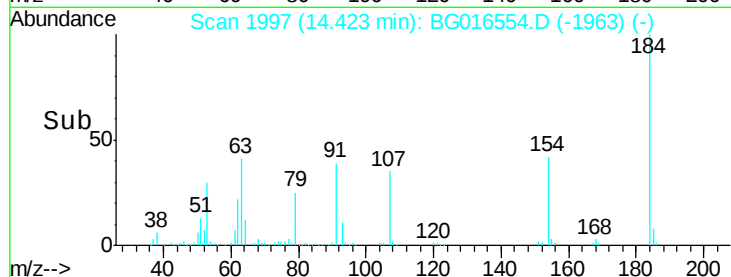
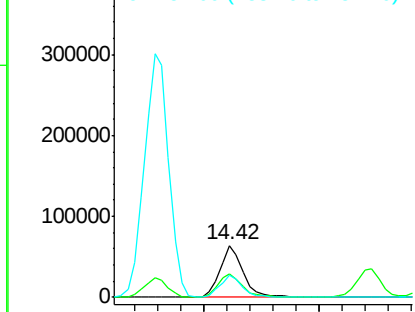
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 89528 |       |       |
| 63      | 45.8  |       | 45.8  | 68.6# |
| 154     | 42.2  |       | 34.5  | 51.7  |

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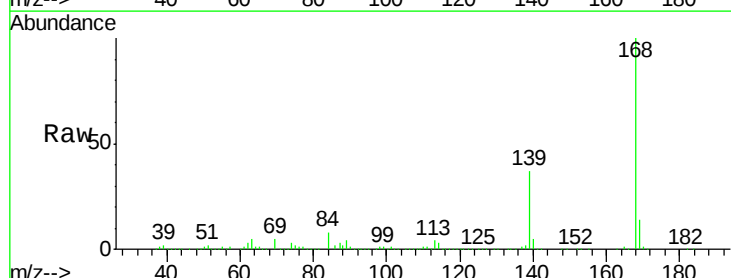


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 154.00 (153.70 to 154.70): E

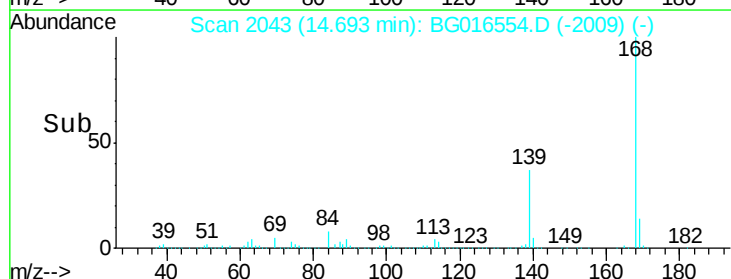
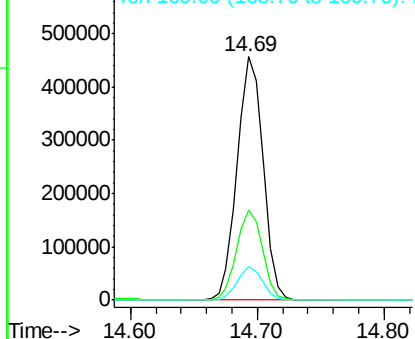


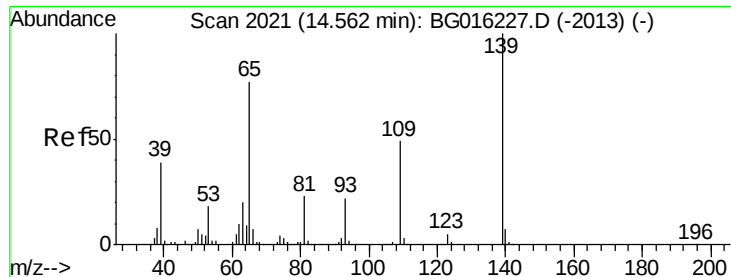
#54  
Dibenzofuran  
Concen: 35.09 ng  
RT: 14.69 min Scan# 2043  
Delta R.T. -0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 642715 |       |       |
| 139     | 36.8  |        | 31.0  | 46.6  |
| 169     | 13.6  |        | 11.2  | 16.8  |



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





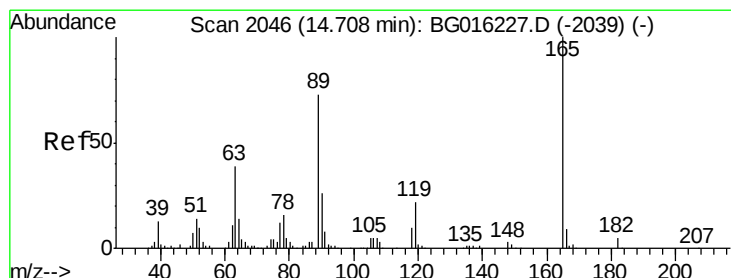
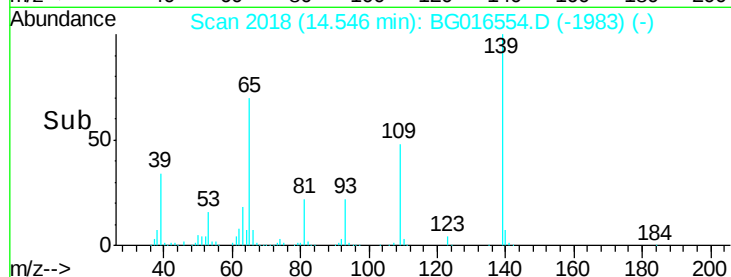
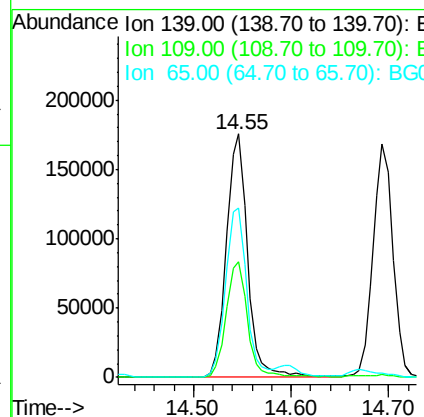
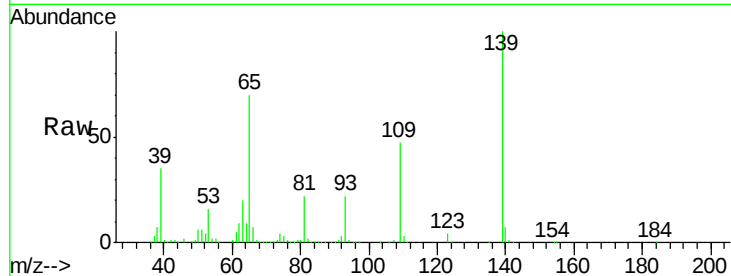
#55  
4-Nitrophenol  
Concen: 67.11 ng  
RT: 14.55 min Scan# 2018  
Delta R.T. 0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

Instrument :  
BNA\_G  
ClientSampleId :  
P5-28(0-5)MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 139     | 100   |            |       |
| 109     | 47.5  | 28.5       | 68.5  |
| 65      | 69.7  | 56.9       | 96.9  |

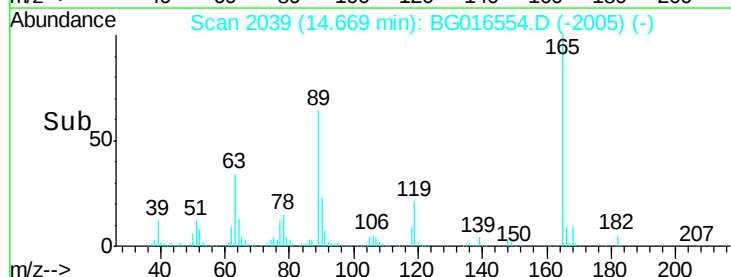
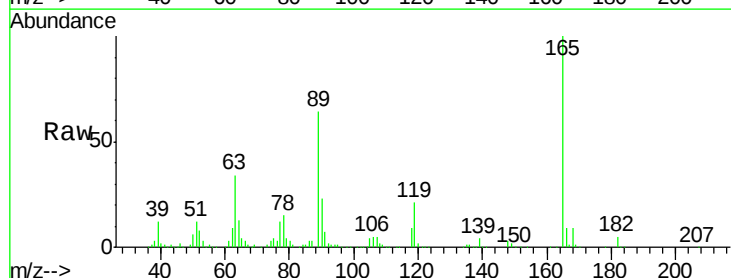
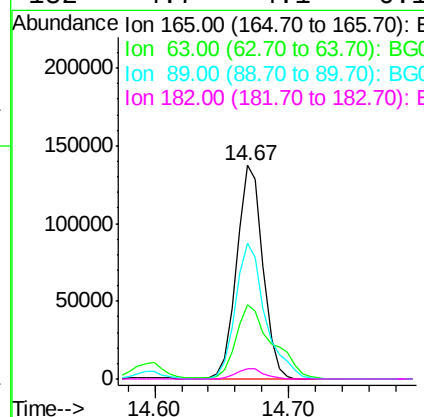
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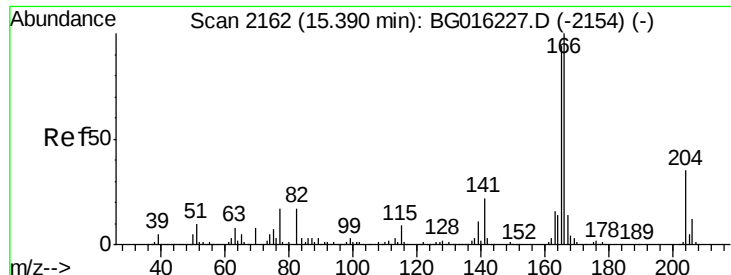
apatel  
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#56  
2,4-Dinitrotoluene  
Concen: 36.61 ng  
RT: 14.67 min Scan# 2039  
Delta R.T. -0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 34.5  | 31.4       | 47.2  |
| 89      | 63.7  | 58.8       | 88.2  |
| 182     | 4.7   | 4.1        | 6.1   |





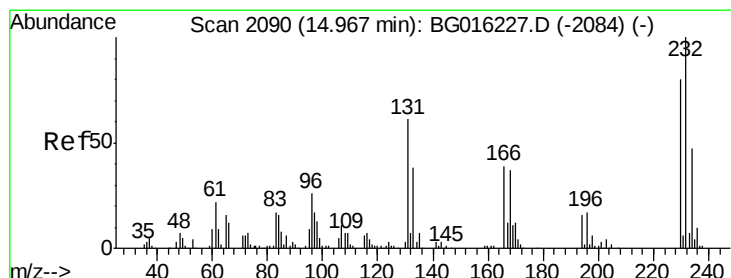
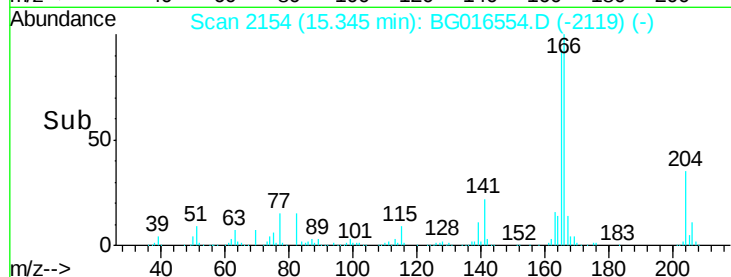
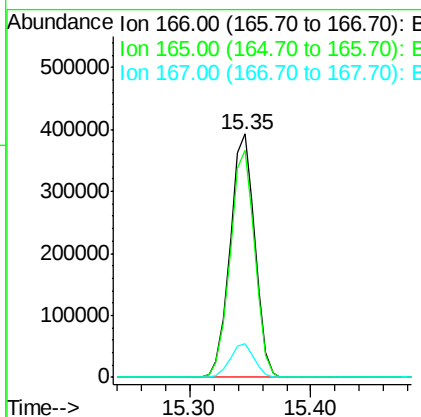
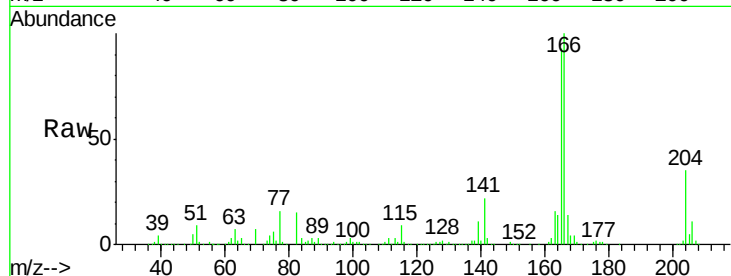
#57  
**Fluorene**  
 Concen: 34.52 ng  
 RT: 15.35 min Scan# 2154  
 Delta R.T. 0.00 min  
 Lab File: BG016554.D  
 Acq: 20 Apr 2015 16:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P5-28(0-5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 557693 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 93.5  | 75.2  | 112.8  |
| 167       | 13.7  | 11.3  | 16.9   |

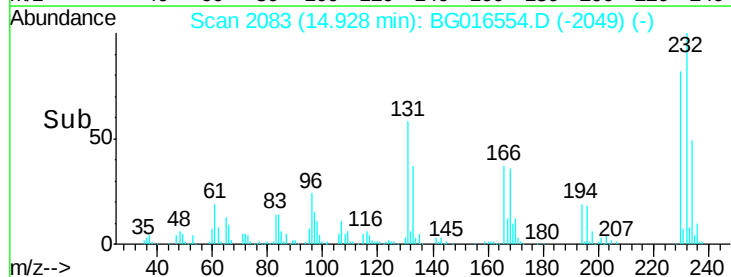
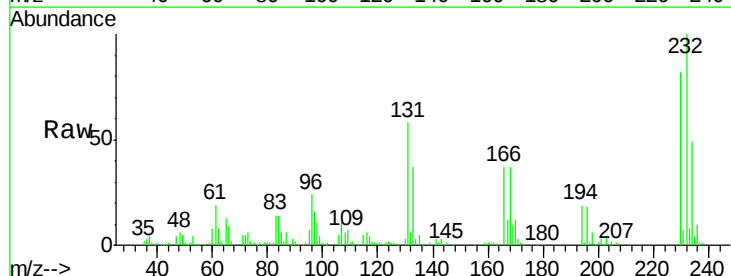
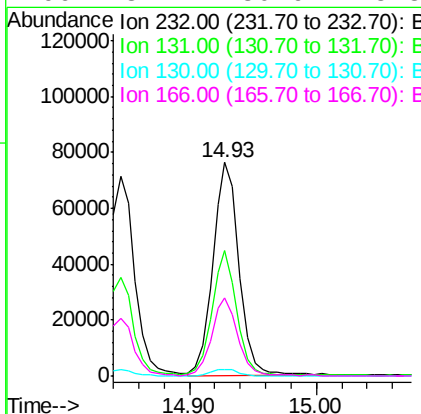
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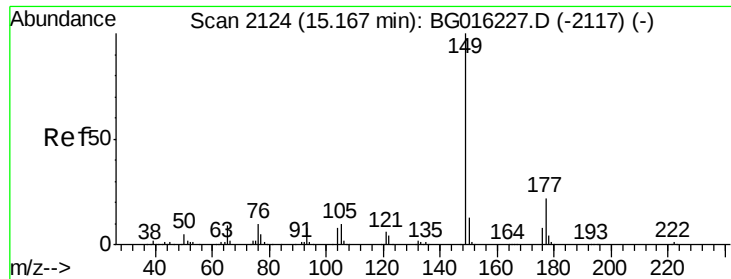
apatel  
 4/21/2015 5:05:41 PM



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 37.94 ng  
 RT: 14.93 min Scan# 2083  
 Delta R.T. -0.00 min  
 Lab File: BG016554.D  
 Acq: 20 Apr 2015 16:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 108783 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 55.3  | 49.8  | 74.6   |
| 130       | 3.3   | 2.6   | 3.8    |
| 166       | 37.2  | 30.6  | 45.8   |





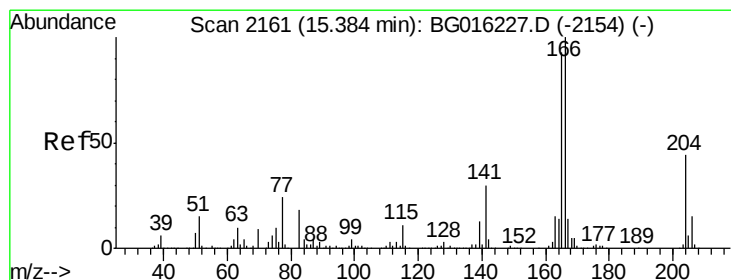
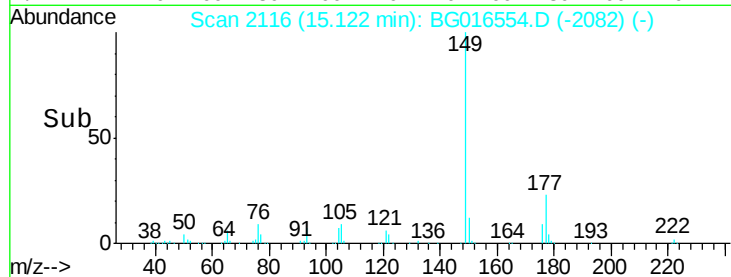
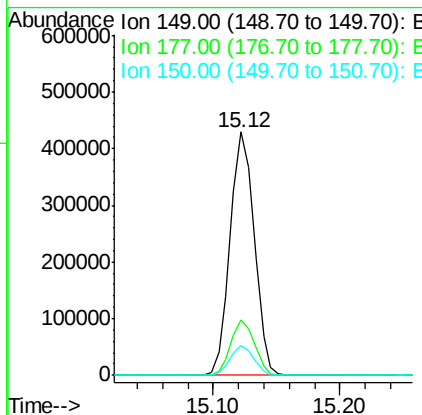
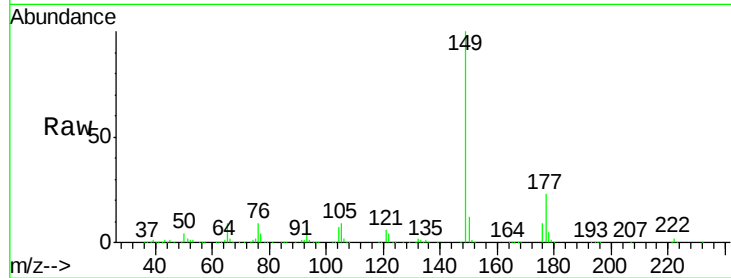
#59  
Diethylphthalate  
Concen: 34.04 ng  
RT: 15.12 min Scan# 2116  
Delta R.T. -0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

Instrument :  
BNA\_G  
ClientSampleId :  
P5-28(0-5)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 564372 |       |       |
| 177     | 22.6  |        | 17.7  | 26.5  |
| 150     | 12.4  |        | 10.0  | 15.0  |

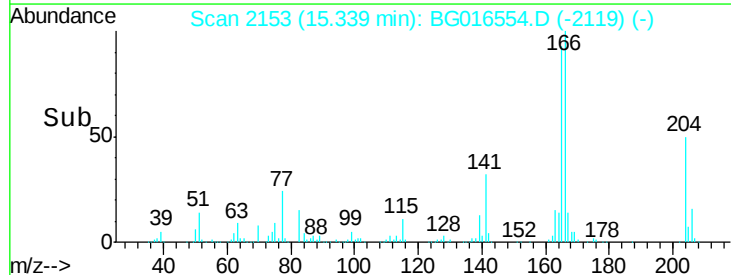
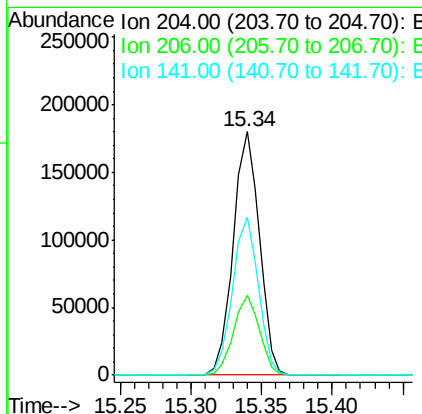
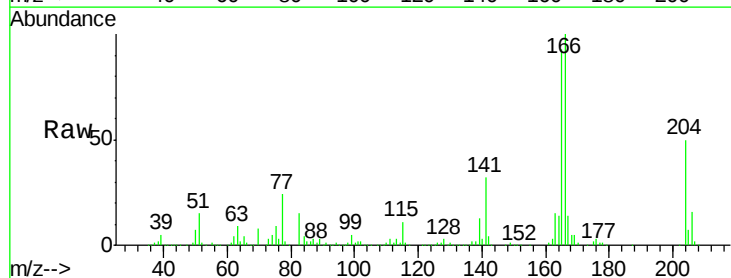
Manual Integrations  
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4/21/2015 5:05:41 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 35.18 ng  
RT: 15.34 min Scan# 2153  
Delta R.T. -0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 232506 |       |       |
| 206     | 32.9  |        | 27.6  | 41.4  |
| 141     | 64.9  |        | 55.4  | 83.2  |





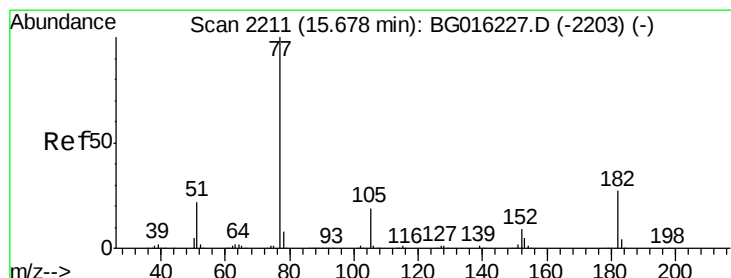
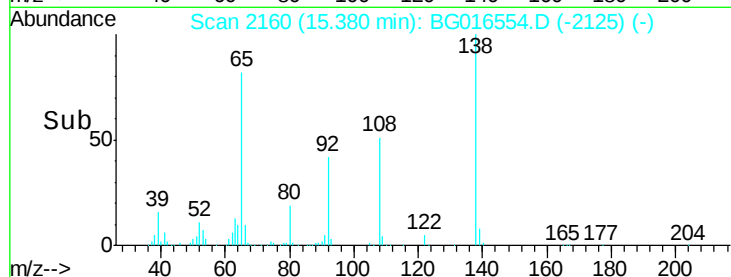
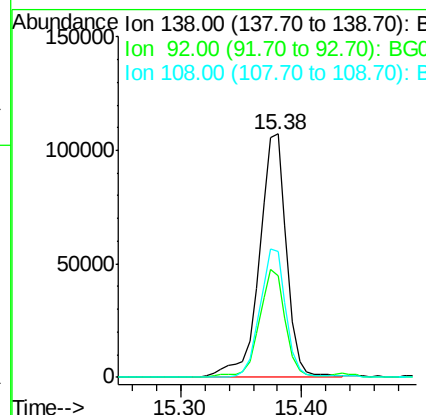
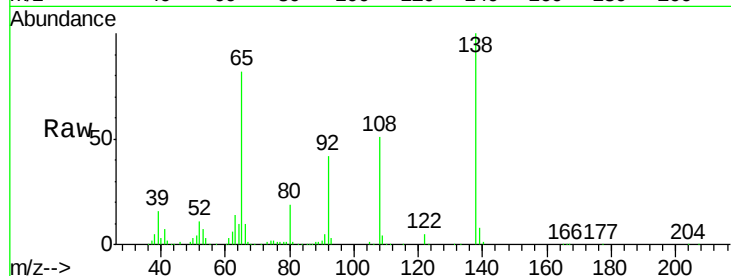
#61  
4-Nitroaniline  
Concen: 30.67 ng  
RT: 15.38 min Scan# 2160  
Delta R.T. 0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

Instrument :  
BNA\_G  
ClientSampleId :  
P5-28(0-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 41.7  | 26.3  | 66.3  |
| 108     | 51.4  | 33.6  | 73.6  |

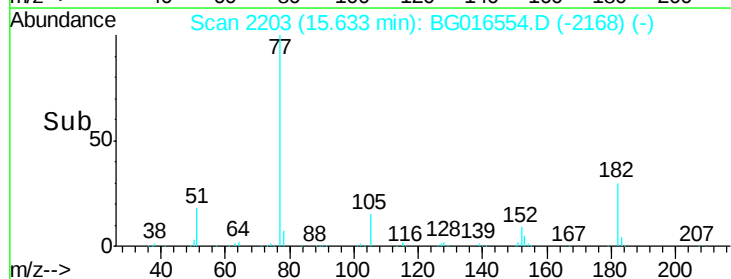
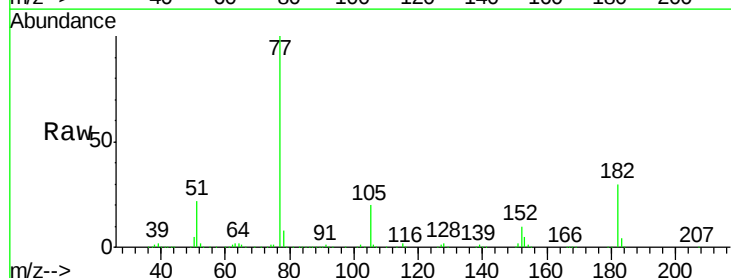
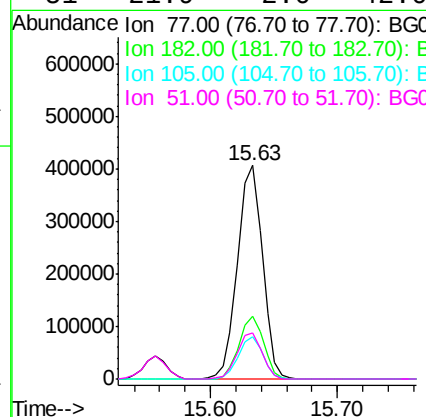
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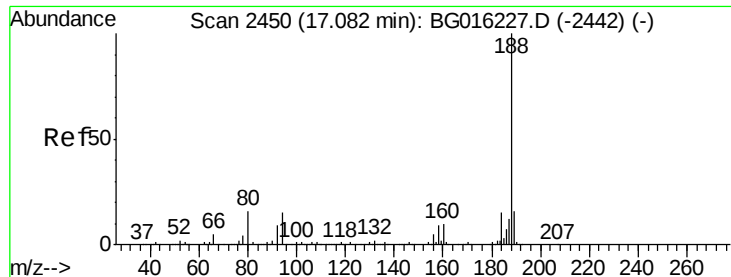
apatel  
4/21/2015 5:05:41 PM



#62  
Azobenzene  
Concen: 31.23 ng  
RT: 15.63 min Scan# 2203  
Delta R.T. 0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 29.6  | 6.6   | 46.6  |
| 105     | 19.6  | 0.0   | 39.2  |
| 51      | 21.9  | 2.0   | 42.0  |





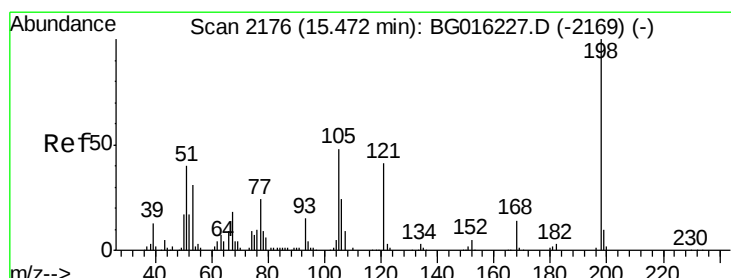
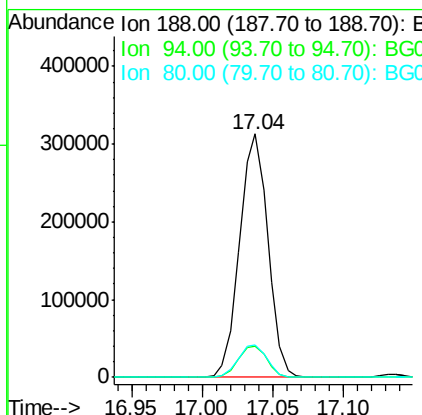
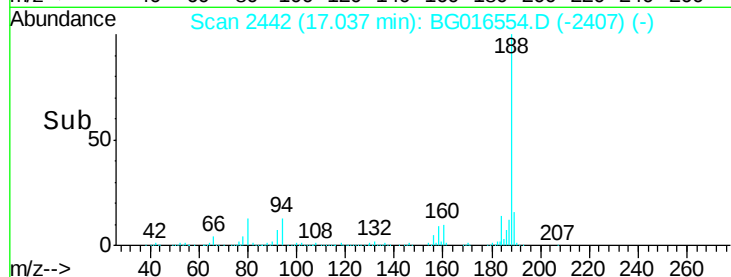
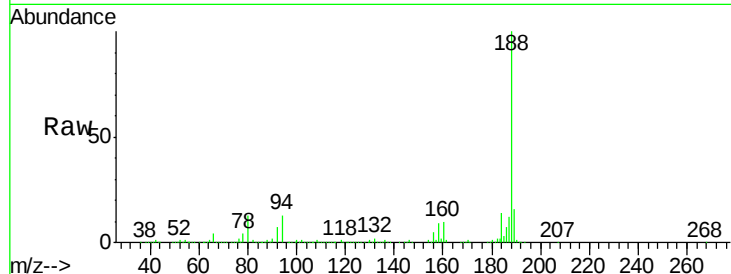
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.04 min Scan# 2442  
Delta R.T. 0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

Instrument :  
BNA\_G  
ClientSampleId :  
P5-28(0-5)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 439941 |       |       |
| 94      | 12.9  |        | 12.2  | 18.4  |
| 80      | 13.1  |        | 12.8  | 19.2  |

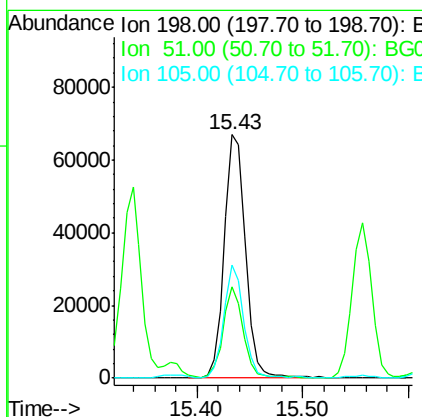
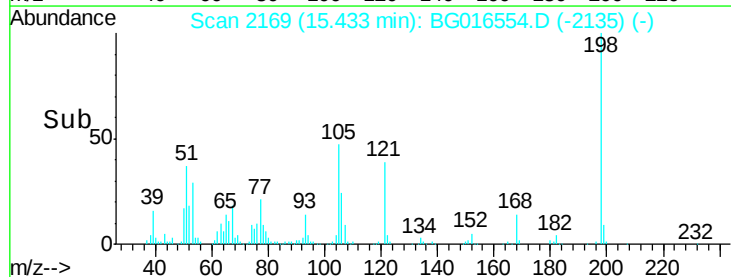
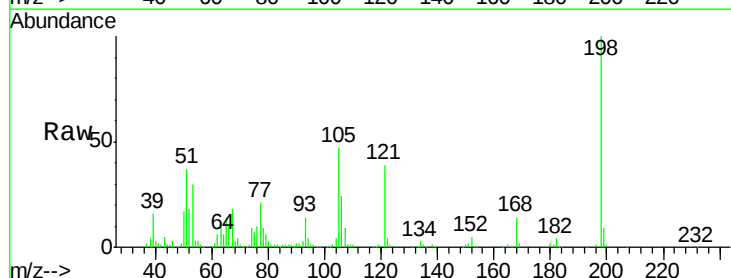
Manual Integrations  
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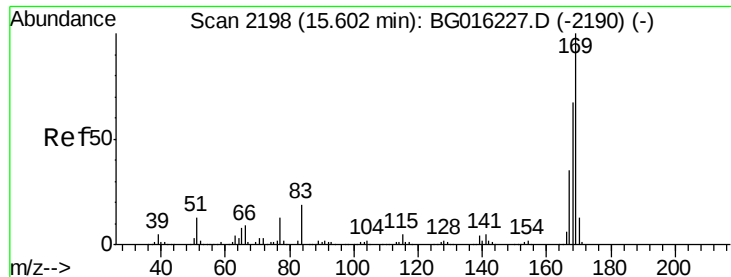
apatel  
4/21/2015 5:05:41 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 31.61 ng  
RT: 15.43 min Scan# 2169  
Delta R.T. -0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 93397 |       |       |
| 51      | 37.4  |       | 20.7  | 60.7  |
| 105     | 46.5  |       | 28.8  | 68.8  |





#65

n-Nitrosodiphenylamine

Concen: 33.93 ng

RT: 15.56 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

Instrument :

BNA\_G

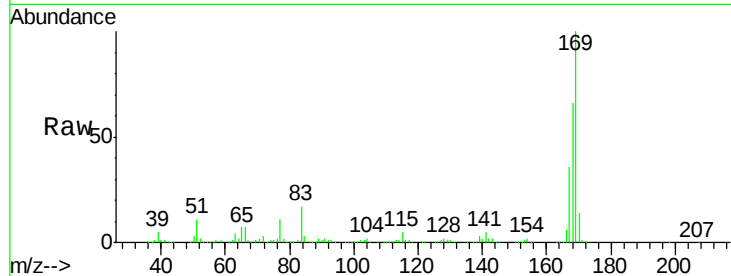
ClientSampleId :

P5-28(0-5)MS

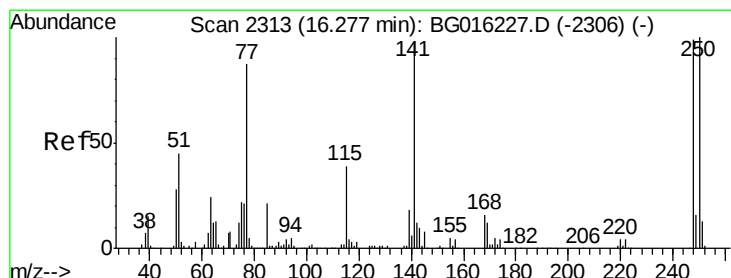
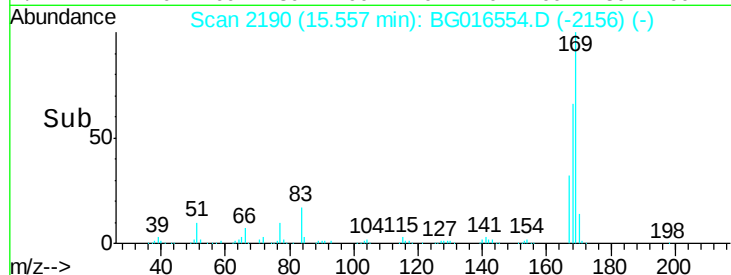
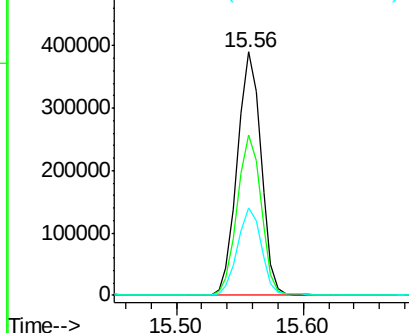
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 169  | Resp: | 504694 |
| Ion Ratio |      | Lower | Upper  |
| 169       | 100  |       |        |
| 168       | 66.1 | 53.4  | 80.0   |
| 167       | 36.0 | 28.3  | 42.5   |

Manual Integrations  
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Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.17 ng

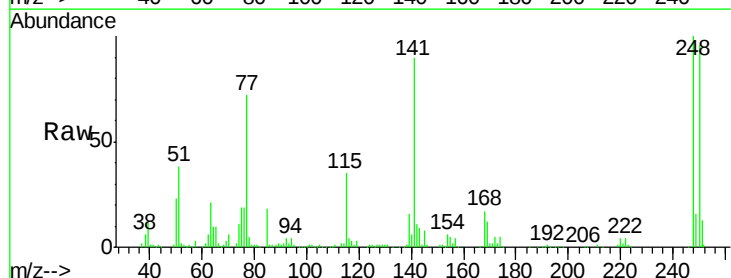
RT: 16.23 min Scan# 2305

Delta R.T. -0.00 min

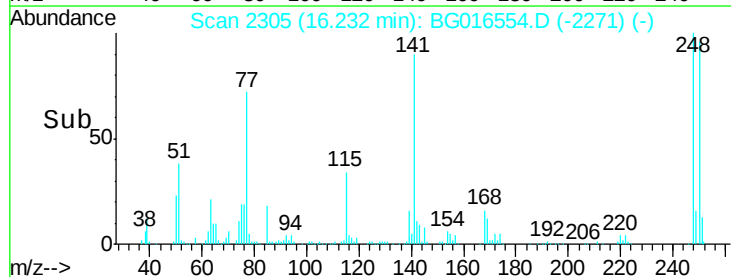
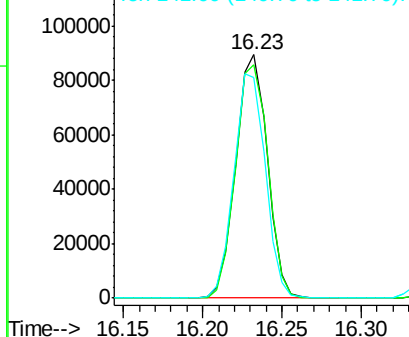
Lab File: BG016554.D

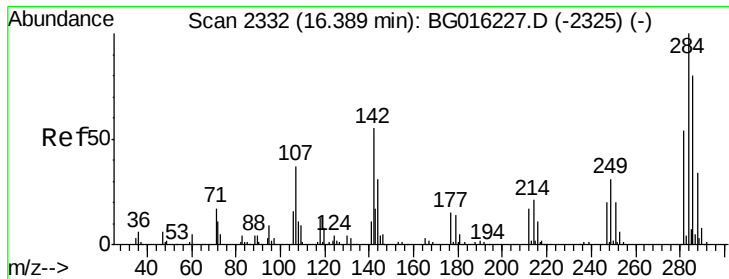
Acq: 20 Apr 2015 16:57

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 248  | Resp: | 123537 |
| Ion Ratio |      | Lower | Upper  |
| 248       | 100  |       |        |
| 250       | 95.6 | 80.5  | 120.7  |
| 141       | 90.4 | 78.2  | 117.4  |



Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E





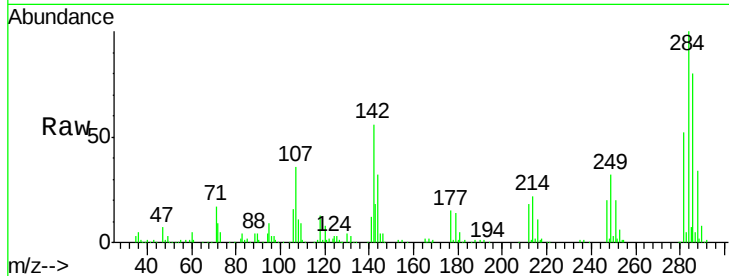
#67  
Hexachlorobenzene  
Concen: 34.47 ng  
RT: 16.34 min Scan# 2324  
Delta R.T. -0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

Instrument :  
BNA\_G  
ClientSampleId :  
P5-28(0-5)MS

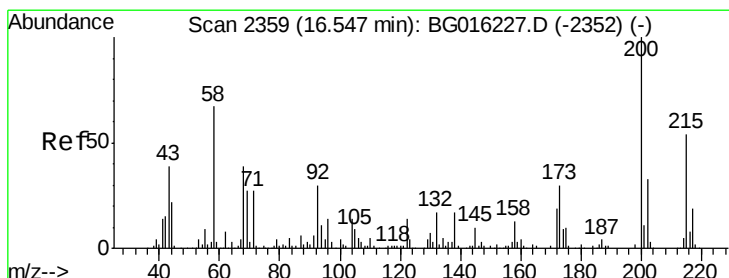
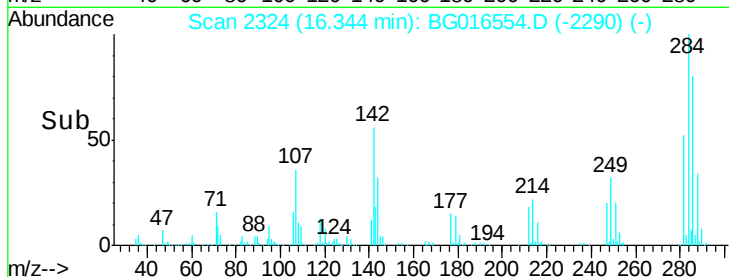
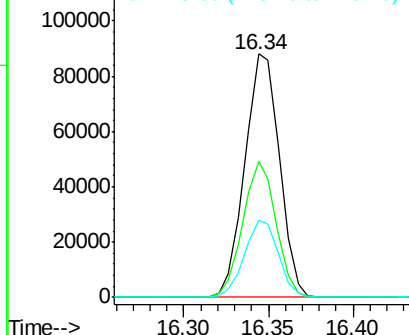
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 284     | 100   |            |       |
| 142     | 55.9  | 44.2       | 66.2  |
| 249     | 31.8  | 24.8       | 37.2  |

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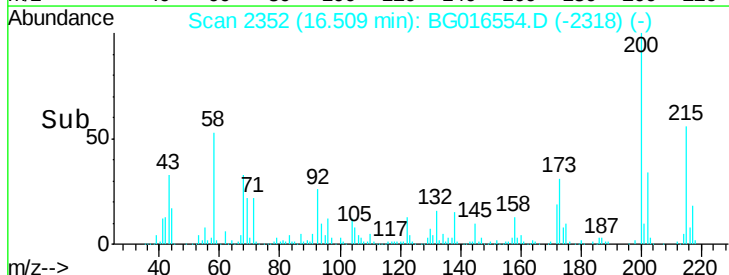
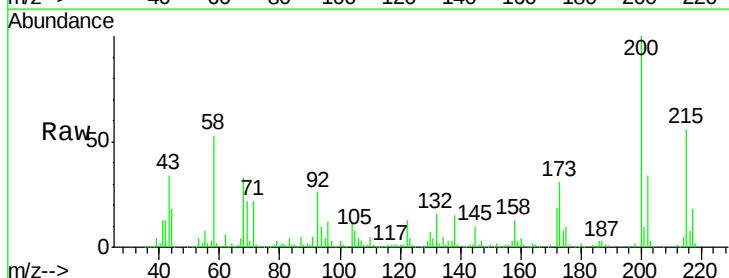
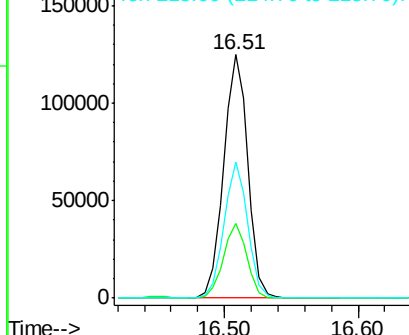
Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

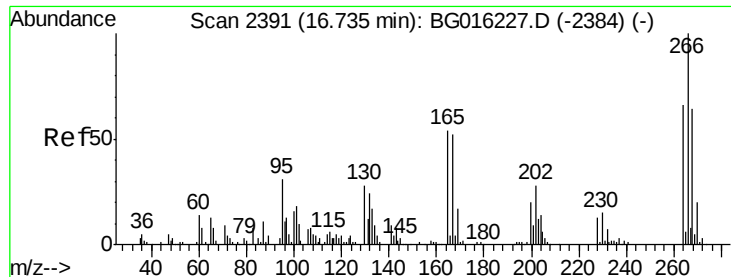


#68  
Atrazine  
Concen: 38.38 ng  
RT: 16.51 min Scan# 2352  
Delta R.T. -0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 30.8  | 10.2       | 50.2  |
| 215     | 56.1  | 34.4       | 74.4  |

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





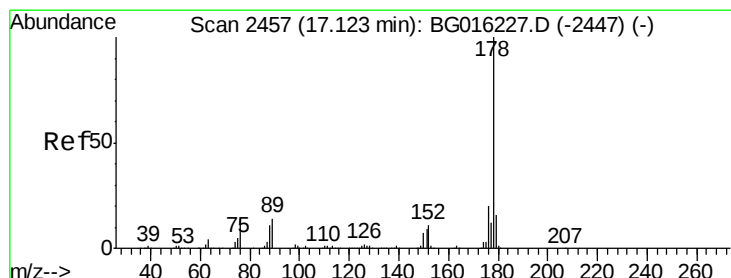
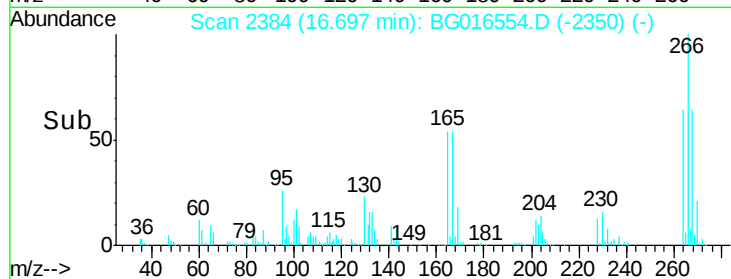
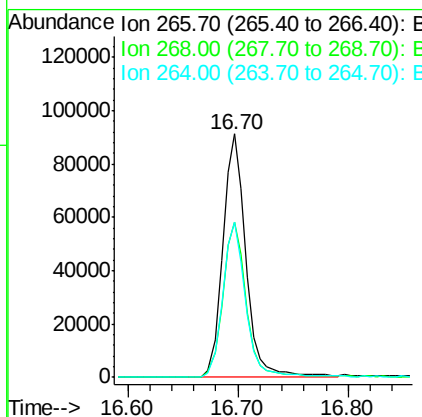
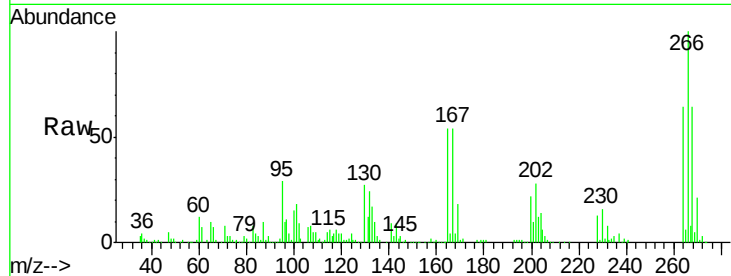
#69  
 Pentachlorophenol  
 Concen: 60.12 ng  
 RT: 16.70 min Scan# 2384  
 Delta R.T. -0.00 min  
 Lab File: BG016554.D  
 Acq: 20 Apr 2015 16:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P5-28(0-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.8  | 50.9  | 76.3  |
| 264     | 64.0  | 52.8  | 79.2  |

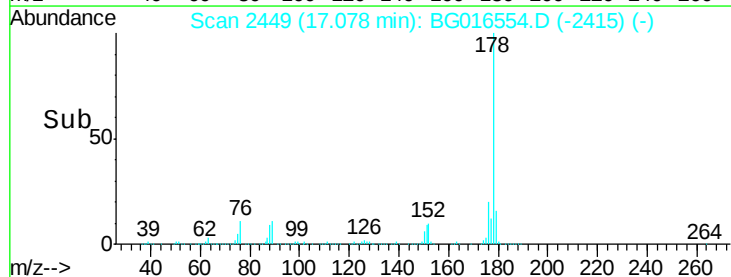
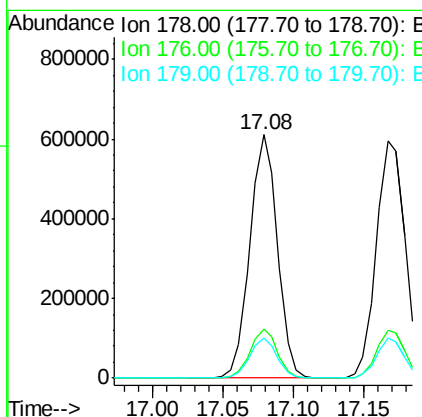
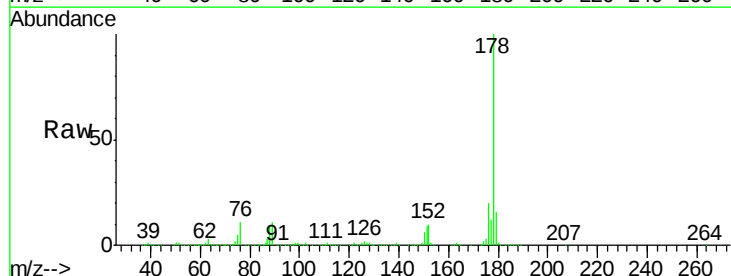
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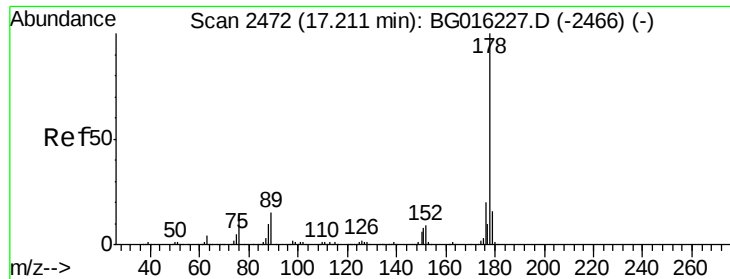
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#70  
 Phenanthrene  
 Concen: 33.91 ng  
 RT: 17.08 min Scan# 2449  
 Delta R.T. -0.00 min  
 Lab File: BG016554.D  
 Acq: 20 Apr 2015 16:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.2  | 16.2  | 24.4  |
| 179     | 16.4  | 12.7  | 19.1  |





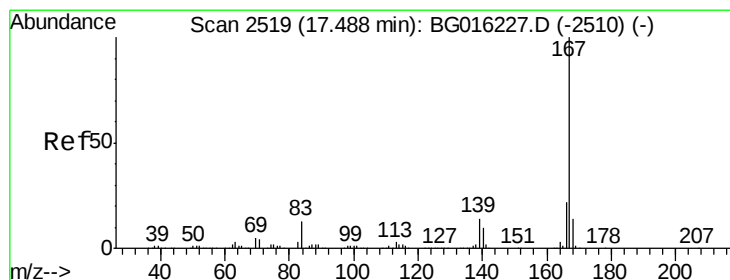
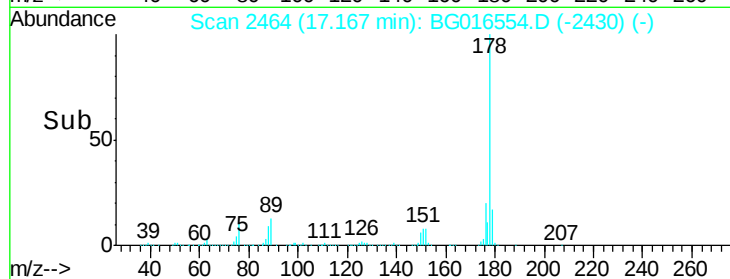
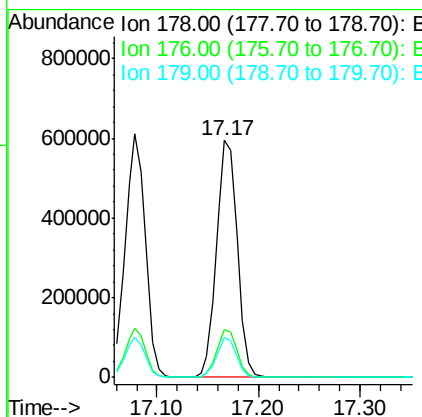
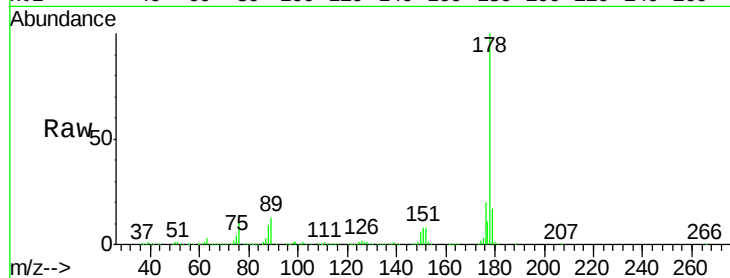
#71  
 Anthracene  
 Concen: 34.52 ng  
 RT: 17.17 min Scan# 2464  
 Delta R.T. -0.00 min  
 Lab File: BG016554.D  
 Acq: 20 Apr 2015 16:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P5-28(0-5)MS

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:178 | Resp: | 846493    |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 20.1  | 15.9 23.9 |
| 179         | 16.6  | 13.0 19.6 |

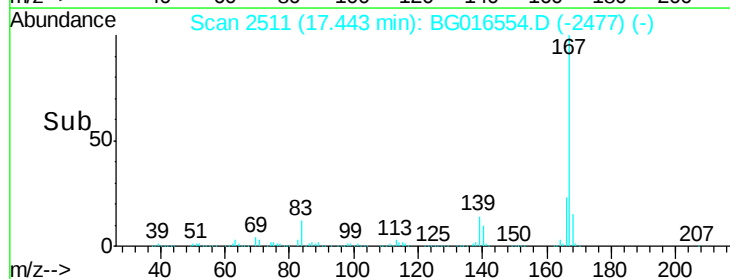
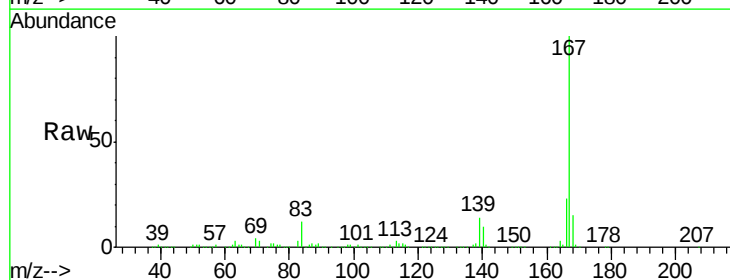
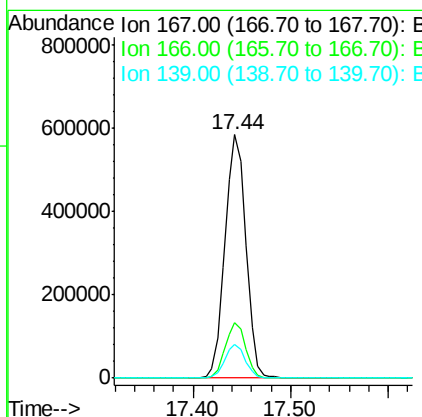
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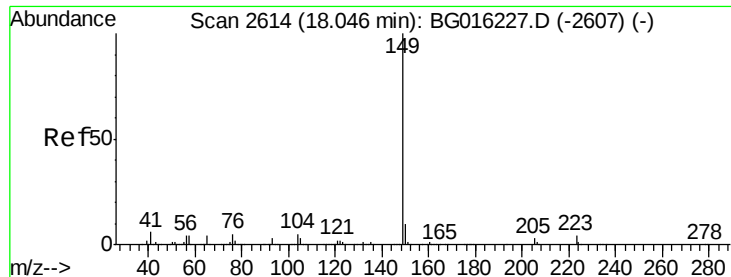
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#72  
 Carbazole  
 Concen: 35.22 ng  
 RT: 17.44 min Scan# 2511  
 Delta R.T. -0.00 min  
 Lab File: BG016554.D  
 Acq: 20 Apr 2015 16:57

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:167 | Resp: | 866890    |
| Ion Ratio   | Lower | Upper     |
| 167         | 100   |           |
| 166         | 22.5  | 17.9 26.9 |
| 139         | 13.9  | 11.5 17.3 |





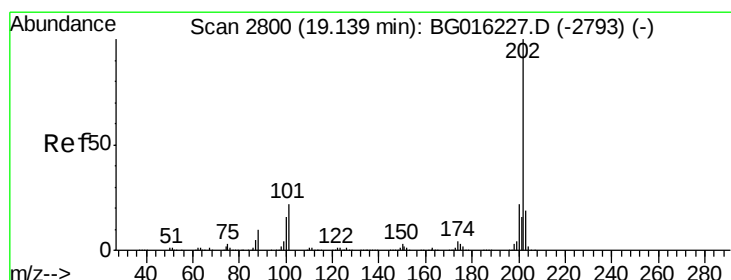
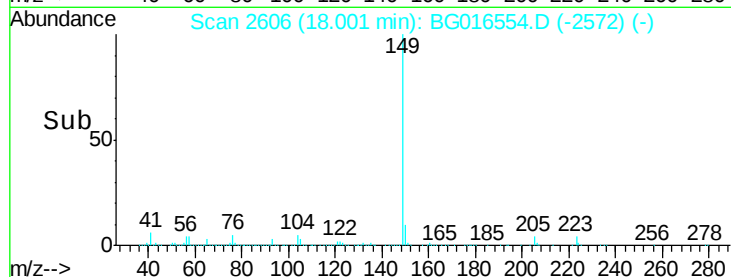
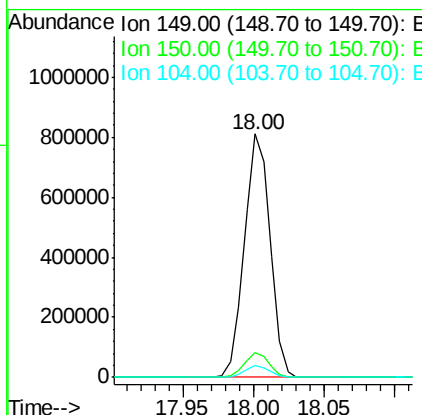
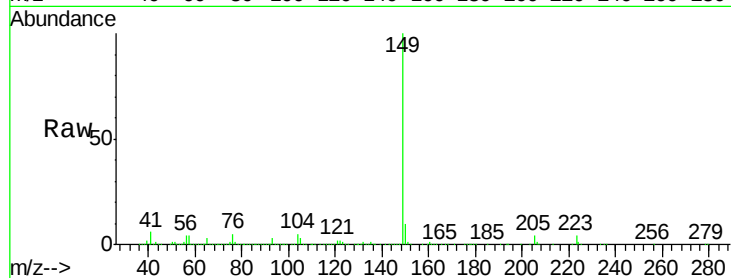
#73  
Di-n-butylphthalate  
Concen: 34.39 ng  
RT: 18.00 min Scan# 2606  
Delta R.T. -0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

Instrument :  
BNA\_G  
ClientSampleId :  
P5-28(0-5)MS

Tot Ion:149 Resp: 1035630  
Ion Ratio Lower Upper  
149 100  
150 10.1 8.2 12.4  
104 4.7 4.0 6.0

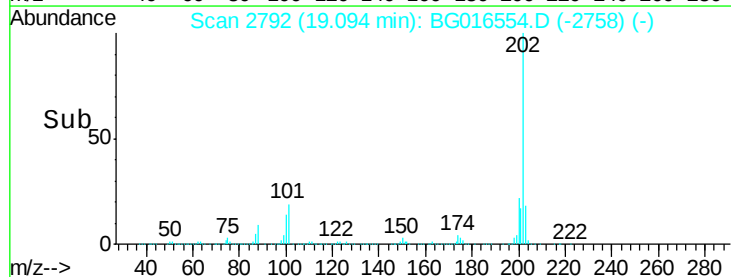
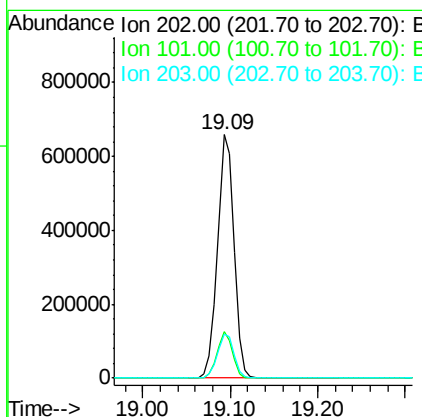
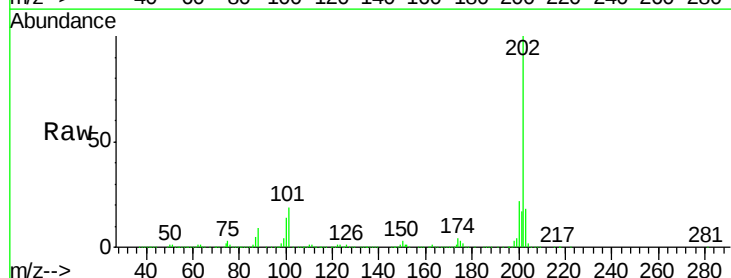
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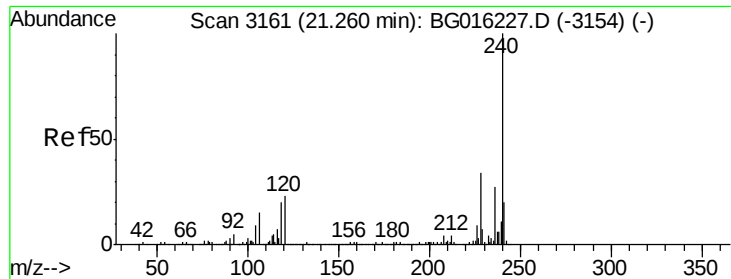
apatel  
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#74  
Fluoranthene  
Concen: 33.99 ng  
RT: 19.09 min Scan# 2792  
Delta R.T. -0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

Tgt Ion:202 Resp: 866981  
Ion Ratio Lower Upper  
202 100  
101 18.8 1.7 41.7  
203 18.2 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.21 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

Instrument :

BNA\_G

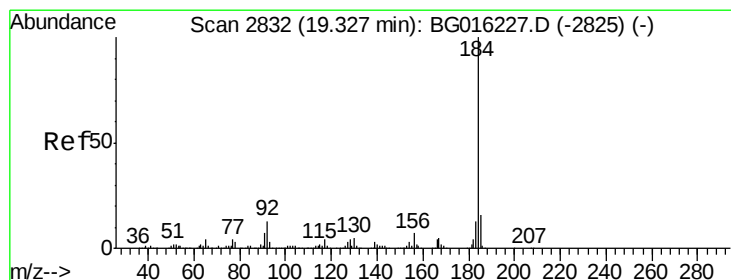
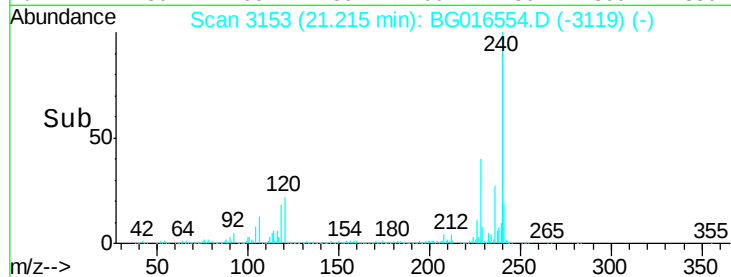
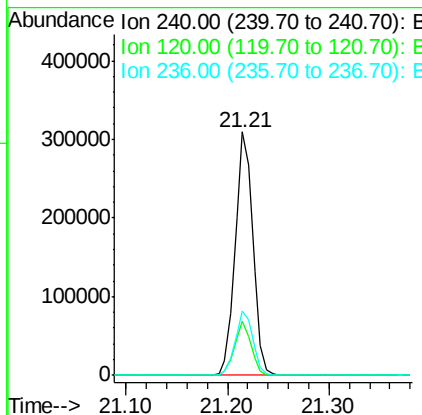
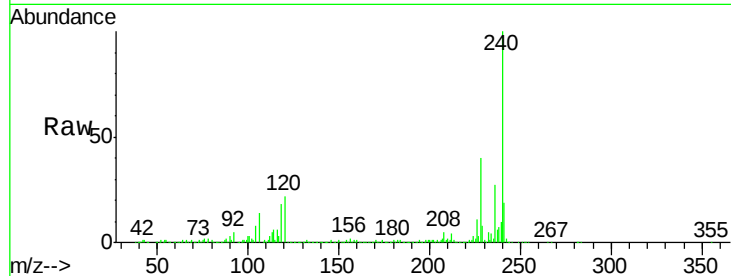
ClientSampleId :

P5-28(0-5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 375816 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 22.0  | 18.6  | 28.0   |
| 236       | 26.7  | 21.7  | 32.5   |

Manual Integrations  
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#76

Benzidine

Concen: 16.57 ng

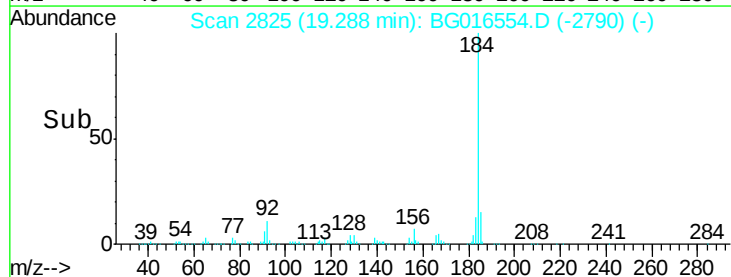
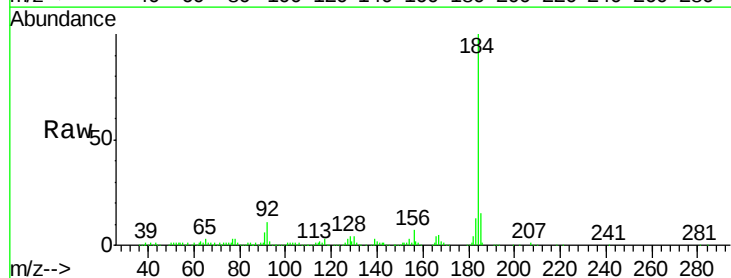
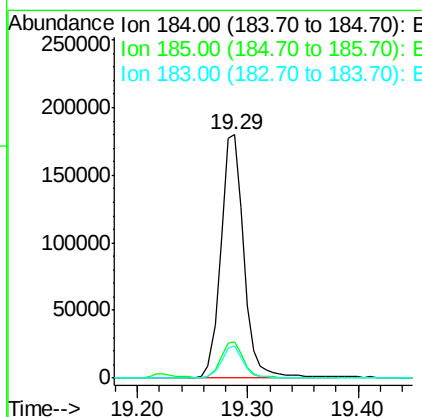
RT: 19.29 min Scan# 2825

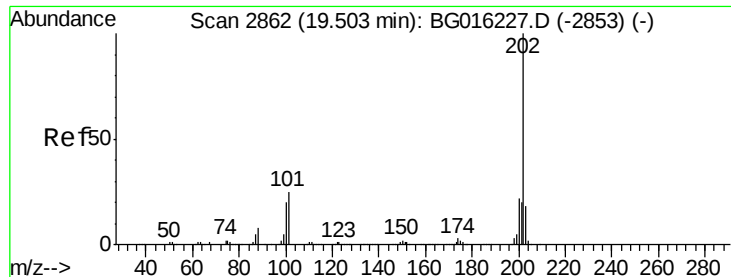
Delta R.T. 0.00 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 264021 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.7  | 12.6  | 19.0   |
| 183       | 13.4  | 10.4  | 15.6   |





#77

Pvrene

Concen: 34.36 ng

RT: 19.46 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

Instrument :

BNA\_G

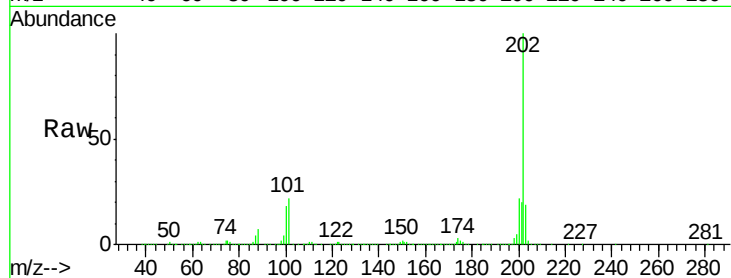
ClientSampleId :

P5-28(0-5)MS

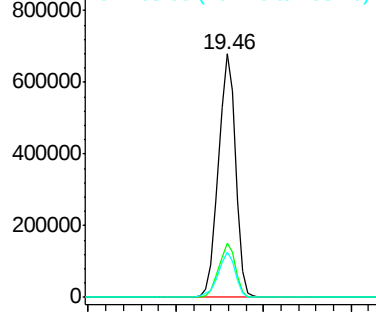
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 202  | Resp: | 899177 |
| Ion Ratio |      | Lower | Upper  |
| 202       | 100  |       |        |
| 200       | 22.5 | 17.8  | 26.8   |
| 203       | 18.6 | 14.7  | 22.1   |

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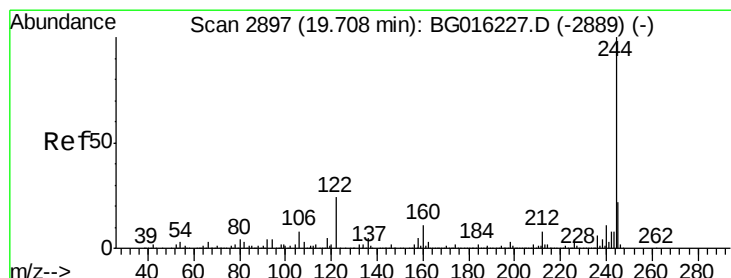
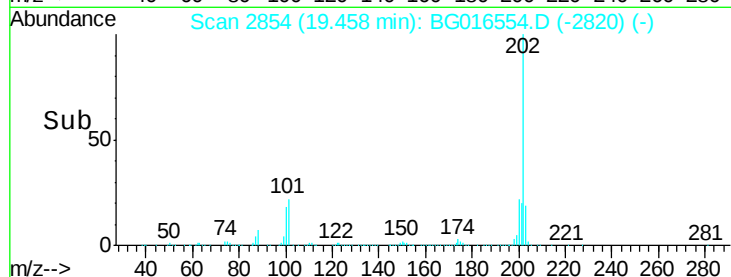
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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



Time--> 19.30 19.40 19.50 19.60



#78

Terphenyl-d14

Concen: 64.13 ng

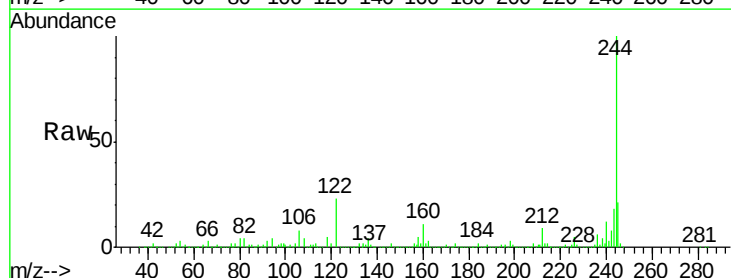
RT: 19.66 min Scan# 2889

Delta R.T. -0.00 min

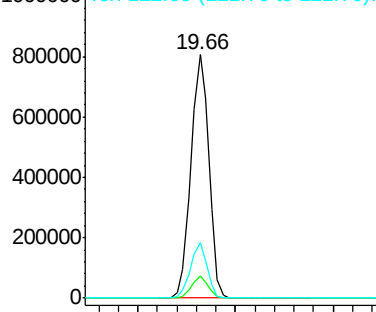
Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

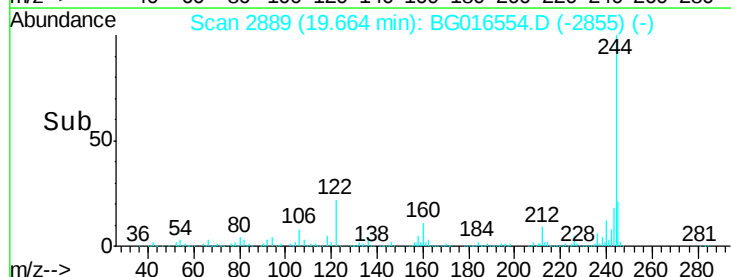
|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 244  | Resp: | 1029827 |
| Ion Ratio |      | Lower | Upper   |
| 244       | 100  |       |         |
| 212       | 8.9  | 6.6   | 9.8     |
| 122       | 22.9 | 19.1  | 28.7    |

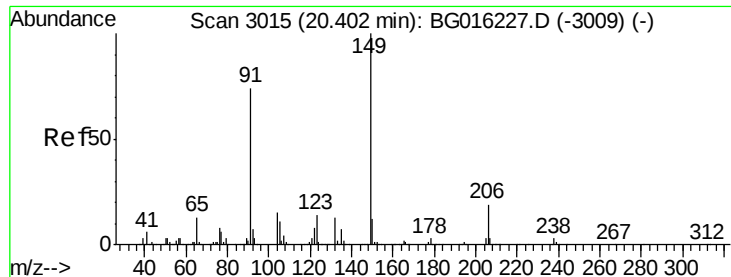


Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



Time--> 19.60 19.70 19.80





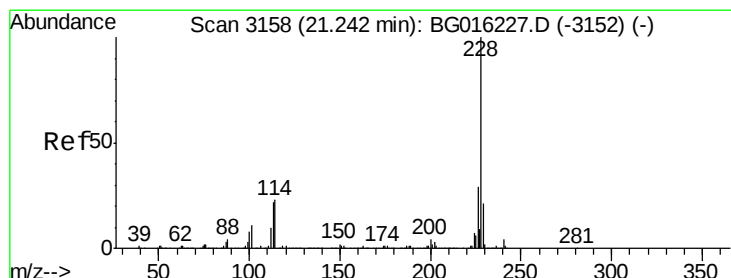
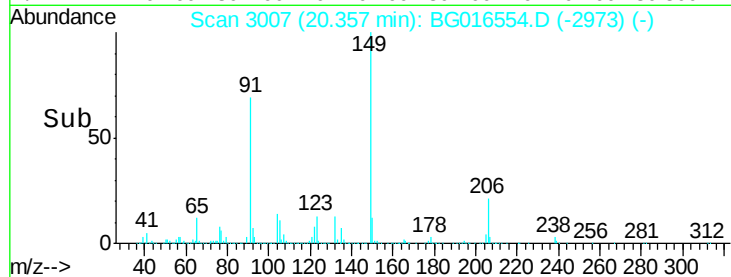
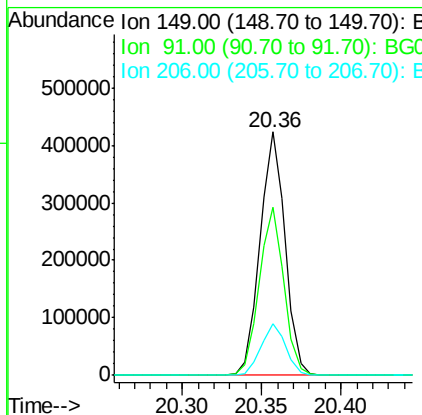
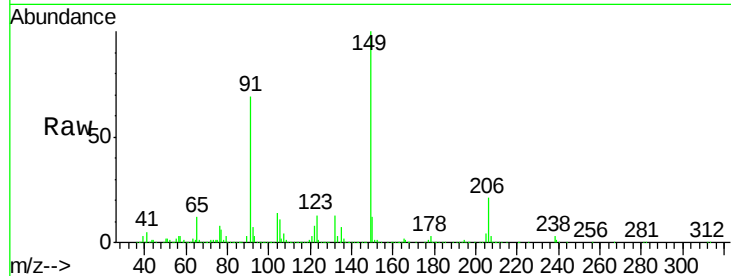
#79  
Butylbenzylphthalate  
Concen: 36.21 ng  
RT: 20.36 min Scan# 3007  
Delta R.T. -0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

Instrument :  
BNA\_G  
ClientSampleId :  
P5-28(0-5)MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 149     | 100  |       | 465515 |       |       |
| 91      | 69.2 | 59.4  | 89.2   |       |       |
| 206     | 21.0 | 15.6  | 23.4   |       |       |

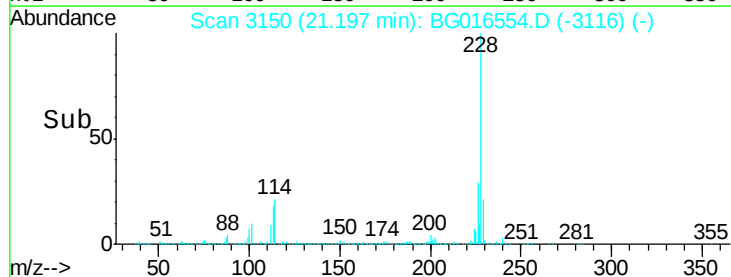
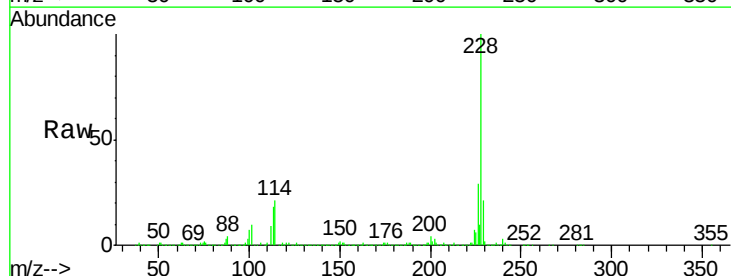
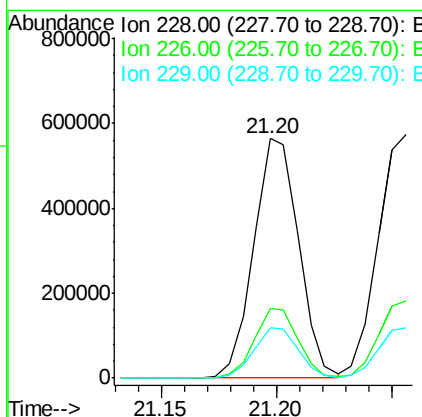
Manual Integrations  
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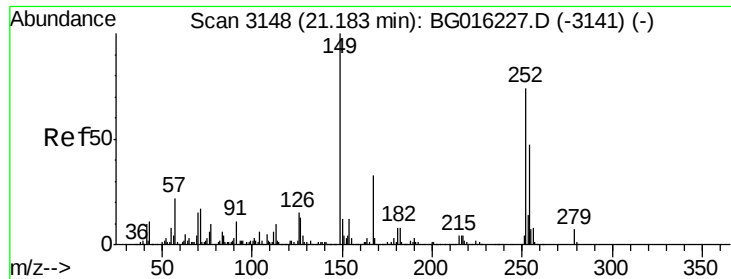
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#80  
Benzo(a)anthracene  
Concen: 34.43 ng  
RT: 21.20 min Scan# 3150  
Delta R.T. -0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 228     | 100  |       | 764682 |       |       |
| 226     | 29.2 | 23.5  | 35.3   |       |       |
| 229     | 21.1 | 16.8  | 25.2   |       |       |





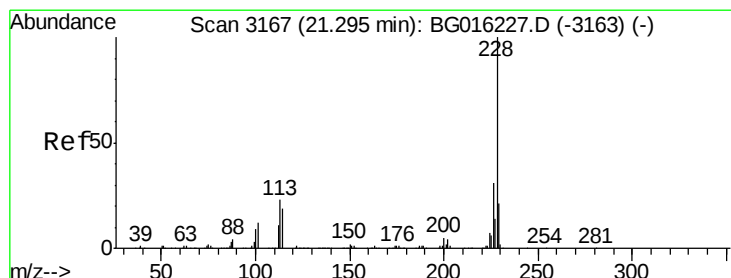
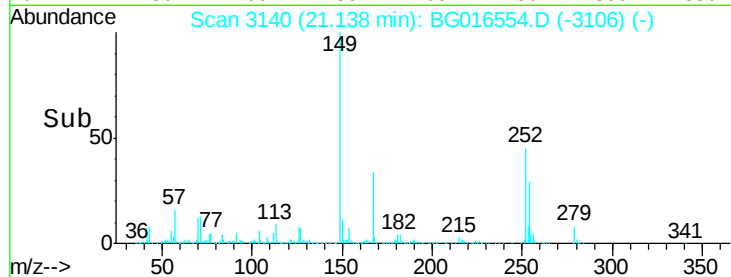
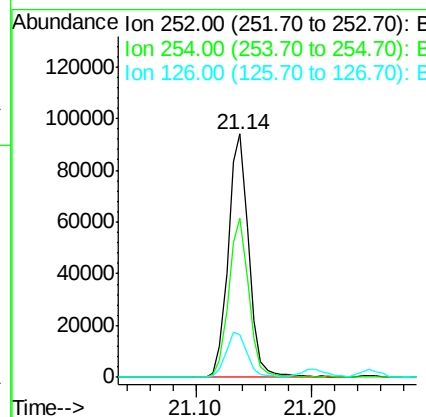
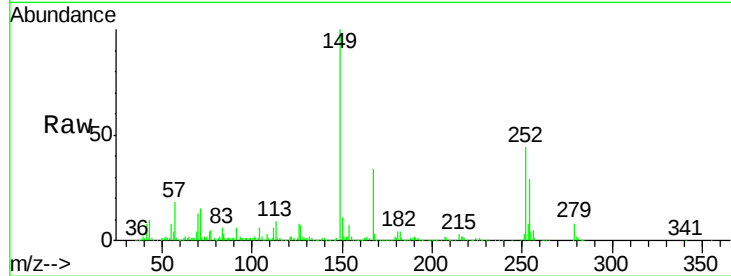
#81  
 3,3'-Dichlorobenzidine  
 Concen: 15.79 ng  
 RT: 21.14 min Scan# 3140  
 Delta R.T. -0.00 min  
 Lab File: BG016554.D  
 Acq: 20 Apr 2015 16:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P5-28(0-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.2  | 50.8  | 76.2  |
| 126     | 17.7  | 16.0  | 24.0  |

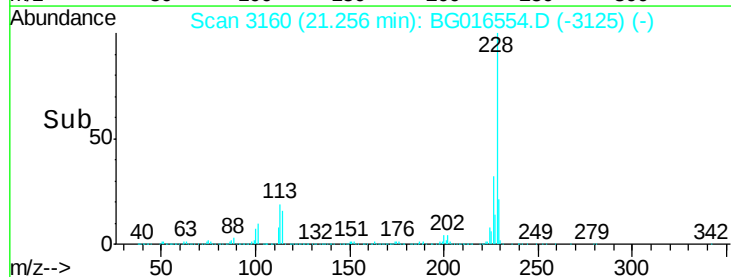
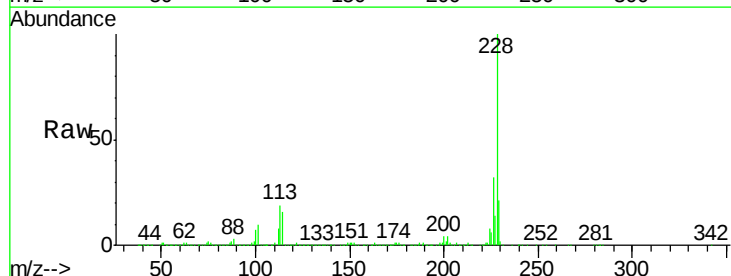
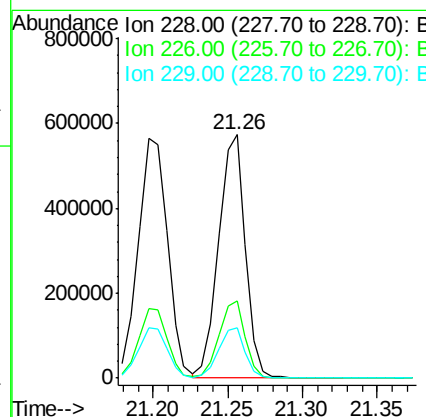
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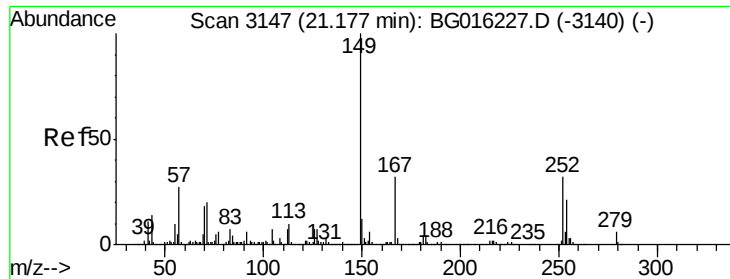
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#82  
 Chrysene  
 Concen: 33.45 ng  
 RT: 21.26 min Scan# 3160  
 Delta R.T. 0.00 min  
 Lab File: BG016554.D  
 Acq: 20 Apr 2015 16:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.6  | 25.0  | 37.4  |
| 229     | 20.7  | 17.0  | 25.4  |





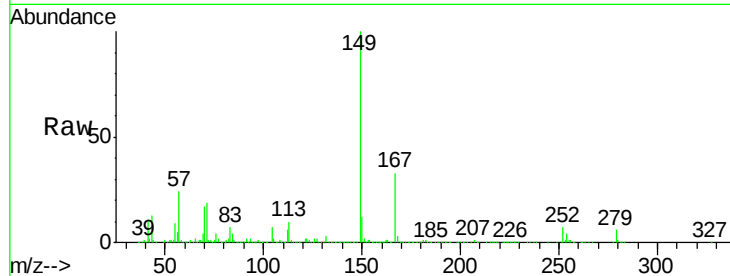
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 37.40 ng  
 RT: 21.13 min Scan# 3138  
 Delta R.T. -0.00 min  
 Lab File: BG016554.D  
 Acq: 20 Apr 2015 16:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P5-28(0-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 33.5  | 25.8  | 38.6  |
| 279     | 5.7   | 4.7   | 7.1   |

Manual Integrations  
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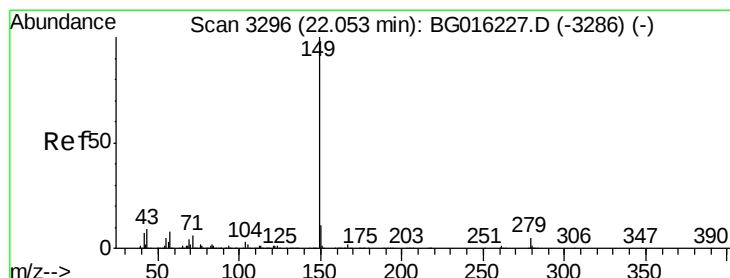
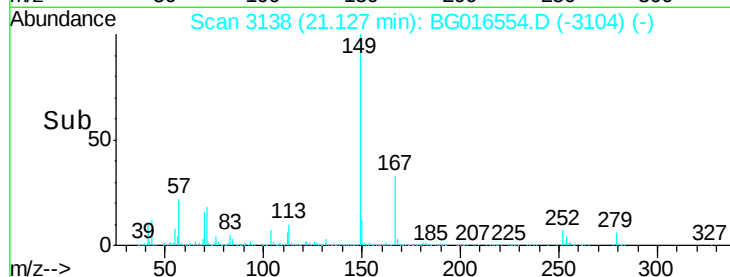
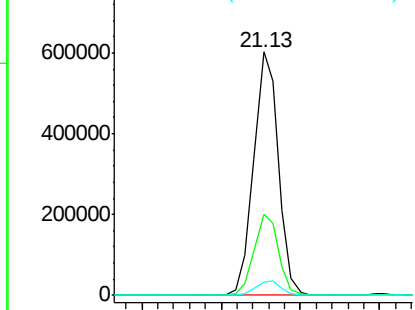


Abundance

Ion 149.00 (148.70 to 149.70): E

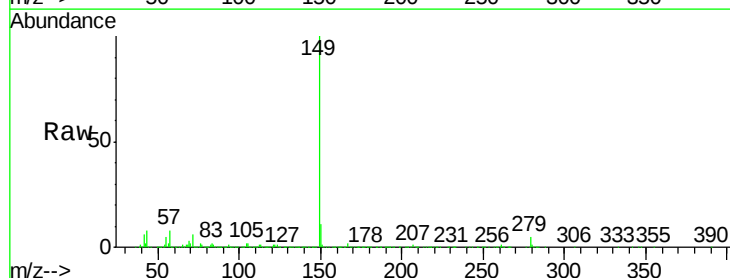
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84  
 Di-n-octyl phthalate  
 Concen: 38.62 ng  
 RT: 22.00 min Scan# 3286  
 Delta R.T. -0.00 min  
 Lab File: BG016554.D  
 Acq: 20 Apr 2015 16:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.8   | 1.3   | 1.9   |
| 43      | 7.4   | 7.0   | 10.4  |

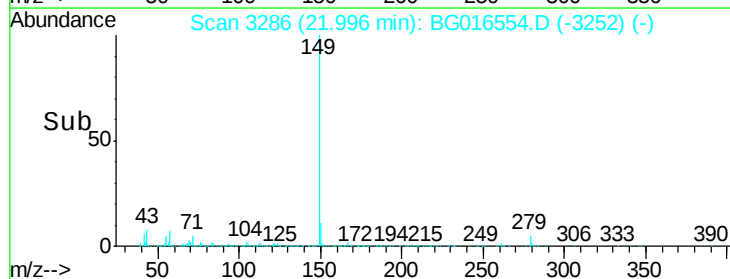
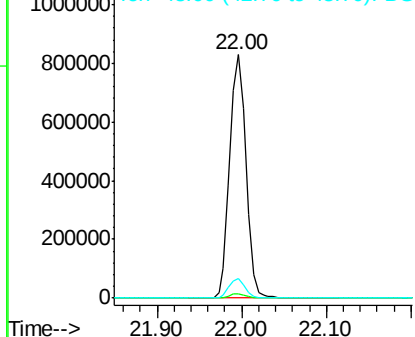


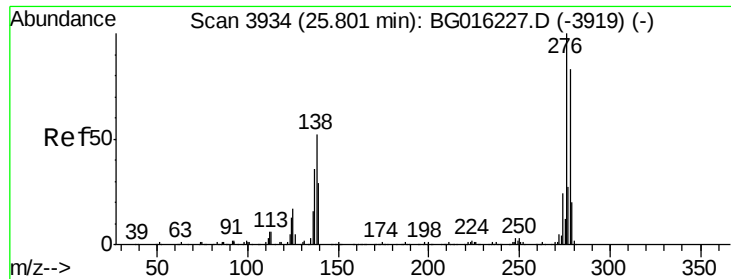
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





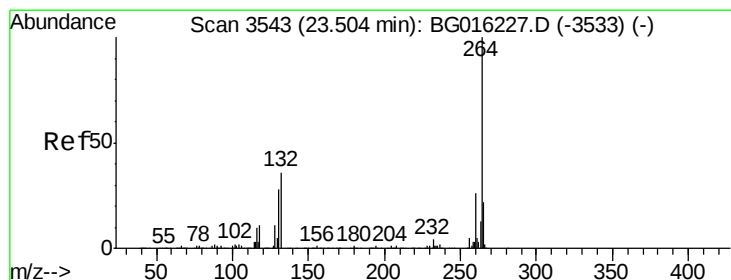
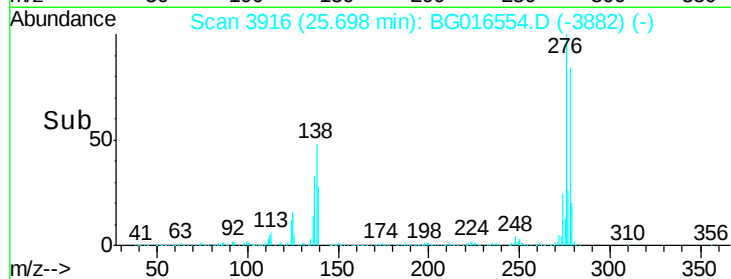
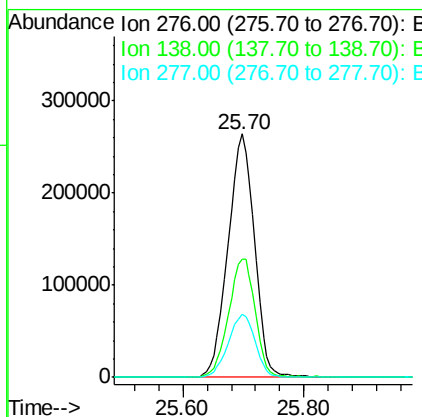
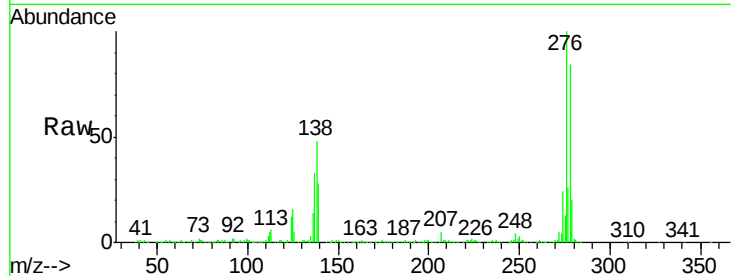
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 36.09 ng  
 RT: 25.70 min Scan# 3916  
 Delta R.T. -0.00 min  
 Lab File: BG016554.D  
 Acq: 20 Apr 2015 16:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P5-28(0-5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 804006 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 48.7  | 41.5  | 62.3   |
| 277       | 26.4  | 21.0  | 31.6   |

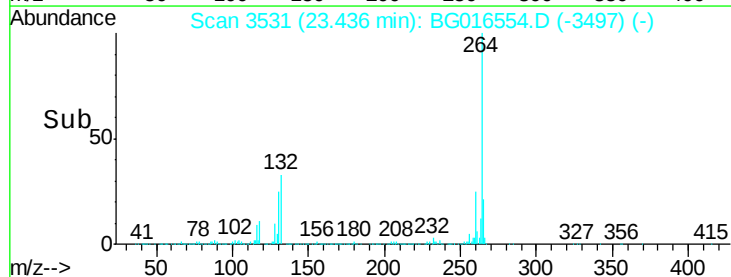
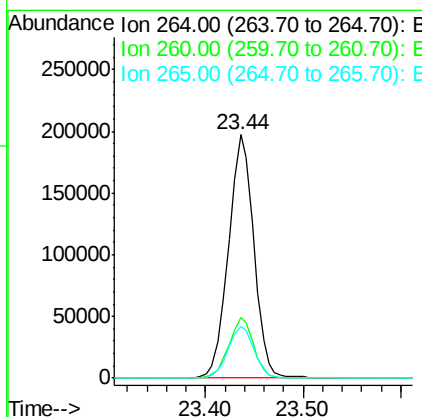
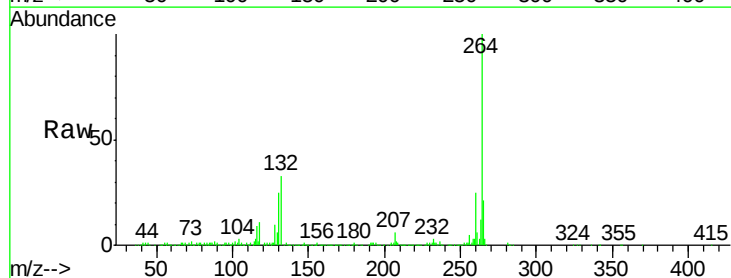
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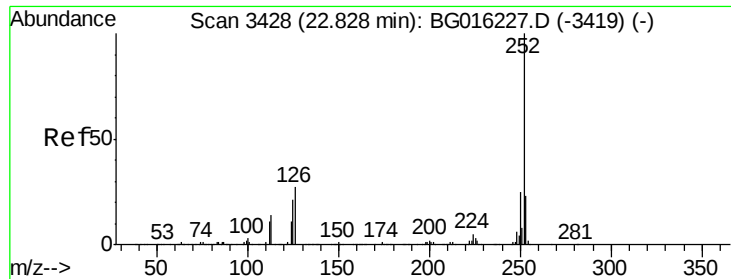
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.44 min Scan# 3531  
 Delta R.T. -0.00 min  
 Lab File: BG016554.D  
 Acq: 20 Apr 2015 16:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 354272 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.6  | 20.4  | 30.6   |
| 265       | 21.1  | 17.2  | 25.8   |





#87

Benzo(b)fluoranthene

Concen: 34.94 ng

RT: 22.77 min Scan# 3417

Delta R.T. -0.00 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

Instrument :

BNA\_G

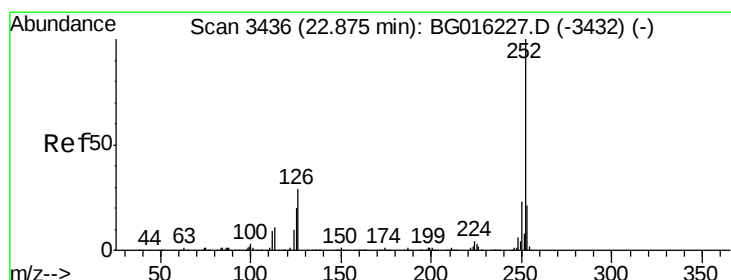
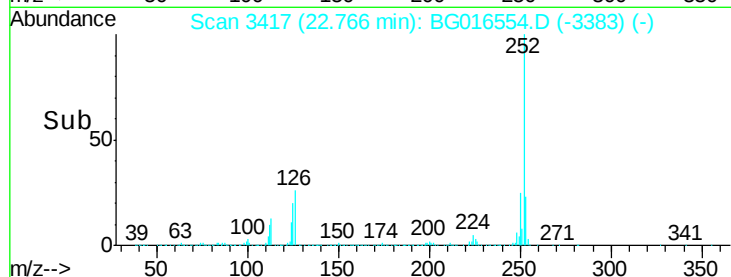
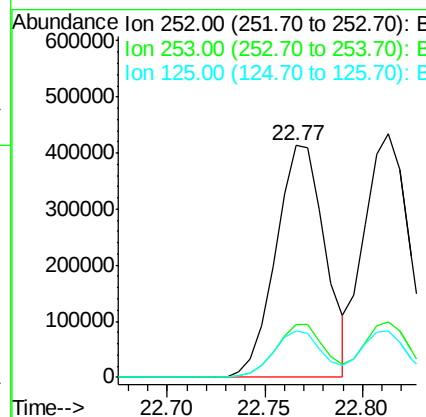
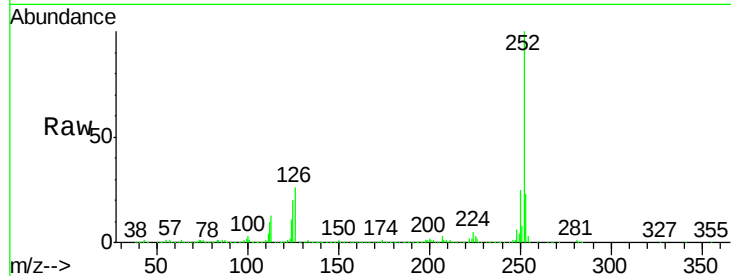
ClientSampleId :

P5-28(0-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 18.5  | 27.7  |
| 125     | 19.9  | 17.0  | 25.6  |

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#88

Benzo(k)fluoranthene

Concen: 34.29 ng

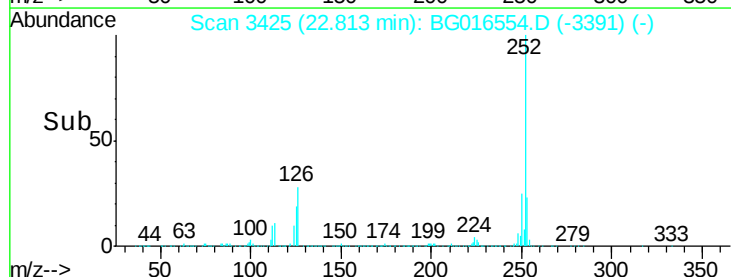
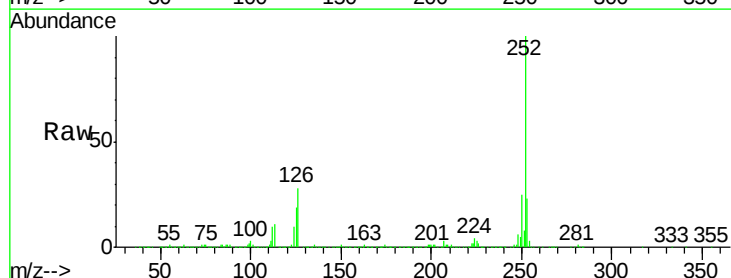
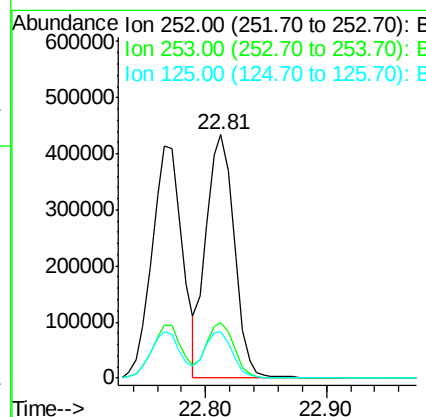
RT: 22.81 min Scan# 3425

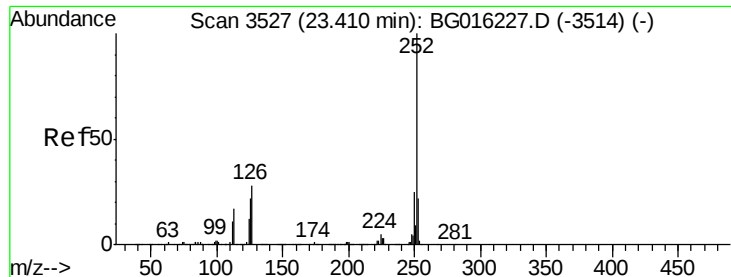
Delta R.T. -0.00 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 17.5  | 26.3  |
| 125     | 19.2  | 16.3  | 24.5  |





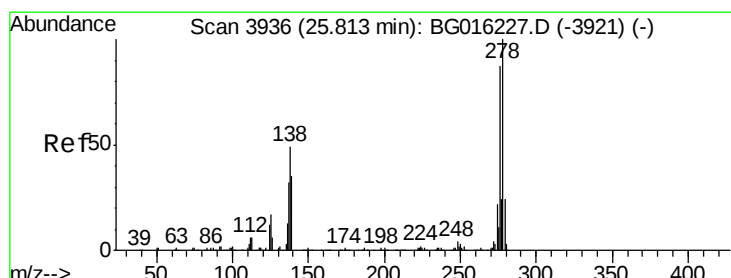
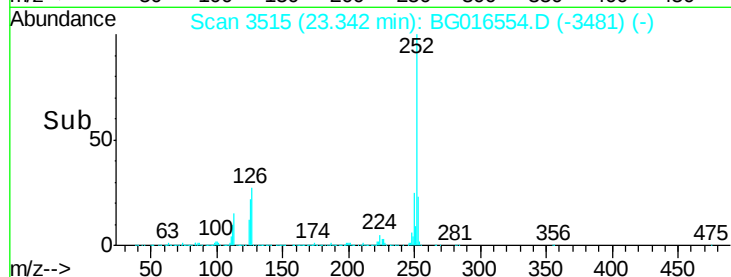
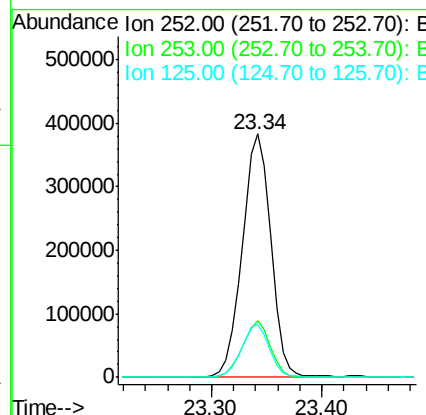
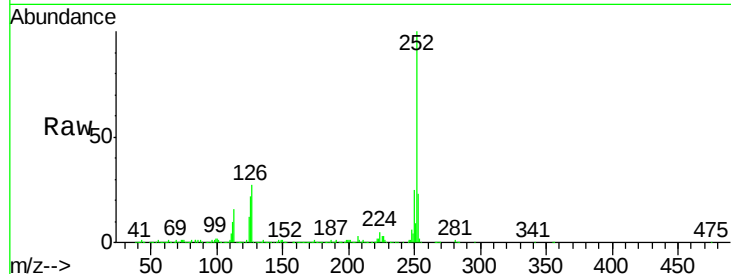
#89  
Benzo(a)pyrene  
Concen: 35.83 ng  
RT: 23.34 min Scan# 3515  
Delta R.T. -0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

Instrument :  
BNA\_G  
ClientSampleId :  
P5-28(0-5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 696741 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.2  | 17.6  | 26.4   |
| 125       | 21.9  | 17.6  | 26.4   |

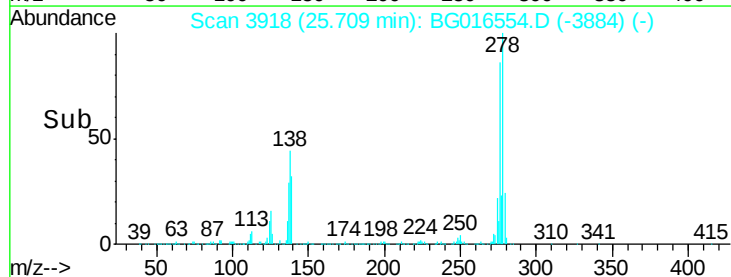
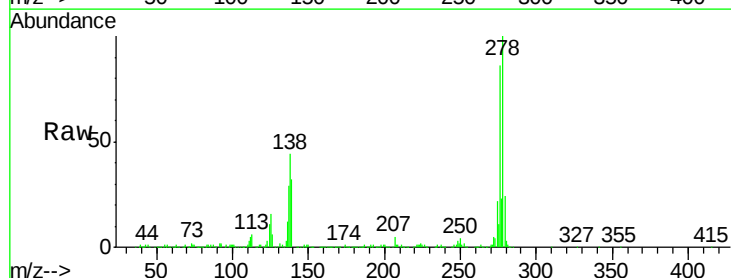
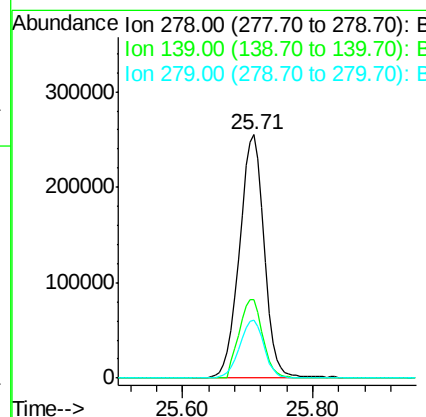
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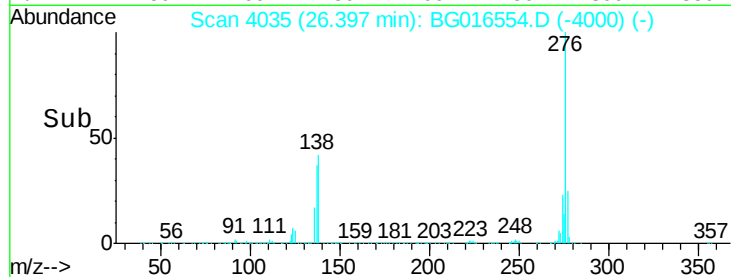
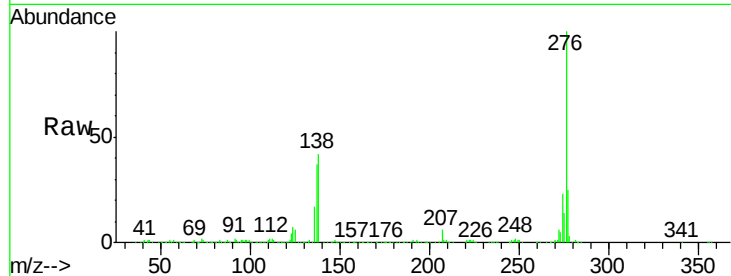
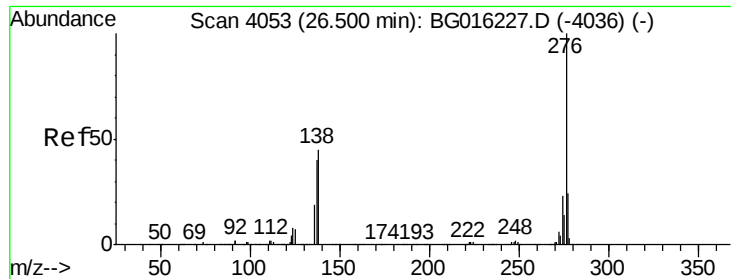
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#90  
Dibenzo(a,h)anthracene  
Concen: 35.48 ng  
RT: 25.71 min Scan# 3918  
Delta R.T. -0.00 min  
Lab File: BG016554.D  
Acq: 20 Apr 2015 16:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 671323 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 32.0  | 27.9  | 41.9   |
| 279       | 23.8  | 19.5  | 29.3   |





#91

Benzo(a,h,i)perylene

Concen: 35.88 ng

RT: 26.40 min Scan# 4035

Delta R.T. 0.00 min

Lab File: BG016554.D

Acq: 20 Apr 2015 16:57

Instrument :

BNA\_G

ClientSampleId :

P5-28(0-5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 678274 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 24.9  | 19.5  | 29.3   |
| 138       | 42.4  | 35.7  | 53.5   |

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