Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
Data File : BG021139.D
Acq On : 28 Feb 2016 6:48
Operator : UM/SJ
Sample : H1526-02MS
Misc :
ALS Vial : 56 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P-02MS

**Manual Integrations APPROVED**
Sohil
2/29/2016 12:39:23 PM

Quant Time: Feb 29 01:02:35 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.17 | 152 | 7308 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.98 | 136 | 38757 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 14.77 | 164 | 25381 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.51 | 188 | 61862 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 21.77 | 240 | 64785 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 25.06 | 264 | 59424 | 20.00 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.72 | 112 | 61890 | 148.27 | ng | | 0.00 |
| 7) Phenol-d6 | 7.31 | 99 | 102365 | 164.80 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 9.33 | 82 | 70520 | 86.69 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 16.25 | 330 | 34952 | 105.03 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.40 | 172 | 134886 | 68.01 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.10 | 244 | 215683 | 77.80 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.60 | 88 | 6049 | 31.29 | ng | # | 80 |
| 3) Pyridine | 4.01 | 79 | 19846 | 35.11 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.92 | 42 | 11011 | 38.42 | ng | | 94 |
| 6) Aniline | 7.49 | 93 | 13550 | 17.64 | ng | | 90 |
| 8) 2-Chlorophenol | 7.73 | 128 | 24548 | 47.15 | ng | | 85 |
| 9) Benzaldehyde | 7.30 | 77 | 4623 | 13.74 | ng | | 82 |
| 10) Phenol | 7.34 | 94 | 36123 | 56.77 | ng | | 82 |
| 11) bis(2-Chloroethyl)ether | 7.58 | 93 | 23073 | 47.31 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 8.05 | 146 | 21370 | 38.57 | ng | # | 92 |
| 13) 1,4-Dichlorobenzene | 8.20 | 146 | 22442 | 37.91 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.52 | 146 | 21833 | 38.96 | ng | # | 88 |
| 15) Benzyl Alcohol | 8.40 | 79 | 29643 | 54.63 | ng | # | 87 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.69 | 45 | 35634 | 63.72 | ng | | 94 |
| 17) 2-Methylphenol | 8.59 | 107 | 24591 | 54.75 | ng | # | 90 |
| 18) Hexachloroethane | 9.26 | 117 | 9158 | 40.90 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 8.97 | 70 | 25772 | 53.79 | ng | | 92 |
| 20) 3+4-Methylphenols | 8.92 | 107 | 33784 | 54.25 | ng | | 92 |
| 22) Acetophenone | 8.99 | 105 | 40333 | 37.70 | ng | # | 95 |
| 24) Nitrobenzene | 9.37 | 77 | 37136 | 44.19 | ng | # | 89 |
| 25) Isophorone | 9.89 | 82 | 70250 | 46.08 | ng | | 94 |
| 26) 2-Nitrophenol | 10.08 | 139 | 13525 | 38.07 | ng | # | 66 |
| 27) 2,4-Dimethylphenol | 10.13 | 122 | 27148 | 43.32 | ng | | 92 |
| 28) bis(2-Chloroethoxy)methane | 10.37 | 93 | 35217 | 47.40 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.61 | 162 | 24933 | 40.64 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.83 | 180 | 23073 | 33.18 | ng | | 98 |
| 31) Naphthalene | 11.03 | 128 | 78008 | 39.19 | ng | | 98 |
| 32) Benzoic acid | 10.18 | 122 | 2386 | 4.15 | ng | # | 74 |
| 33) 4-Chloroaniline | 11.13 | 127 | 6974 | 8.39 | ng | # | 93 |
| 34) Hexachlorobutadiene | 11.31 | 225 | 14127 | 30.36 | ng | | 89 |
| 35) Caprolactam | 11.89 | 113 | 10620m | 51.23 | ng | | |
| 36) 4-Chloro-3-methylphenol | 12.23 | 107 | 35389 | 47.06 | ng | | 87 |
| 37) 2-Methylnaphthalene | 12.62 | 142 | 58329 | 41.72 | ng | # | 92 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.98 | 216 | 29048 | 30.97 | ng | # | 97 |
| 40) Hexachlorocyclopentadiene | 12.96 | 237 | 35430 | 57.44 | ng | | 96 |

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Operator : UM/SJ
Sample : H1526-02MS
Misc :
ALS Vial : 56 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P-02MS

**Manual Integrations APPROVED**
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2/29/2016 12:39:23 PM

Quant Time: Feb 29 01:02:35 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.21 | 196 | 22982 | 39.07 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 13.28 | 196 | 25560 | 42.30 | ng | | 93 |
| 45) 1,1'-Biphenyl | 13.61 | 154 | 76712 | 35.89 | ng | | 96 |
| 46) 2-Chloronaphthalene | 13.66 | 162 | 60278 | 37.17 | ng | | 95 |
| 47) 2-Nitroaniline | 13.85 | 65 | 29085 | 55.35 | ng | # | 74 |
| 48) Acenaphthylene | 14.50 | 152 | 102068 | 39.78 | ng | | 98 |
| 49) Dimethylphthalate | 14.22 | 163 | 113749 | 52.00 | ng | # | 99 |
| 50) 2,6-Dinitrotoluene | 14.34 | 165 | 18675 | 41.50 | ng | # | 59 |
| 51) Acenaphthene | 14.84 | 154 | 72157 | 41.23 | ng | | 97 |
| 52) 3-Nitroaniline | 14.67 | 138 | 7541 | 17.22 | ng | # | 65 |
| 53) 2,4-Dinitrophenol | 14.87 | 184 | 15559 | 49.59 | ng | # | 78 |
| 54) Dibenzofuran | 15.17 | 168 | 96799 | 43.66 | ng | # | 89 |
| 55) 4-Nitrophenol | 14.96 | 139 | 36165 | 93.11 | ng | # | 52 |
| 56) 2,4-Dinitrotoluene | 15.12 | 165 | 27535 | 42.67 | ng | # | 73 |
| 57) Fluorene | 15.81 | 166 | 83996 | 38.94 | ng | | 96 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.39 | 232 | 22524 | 42.88 | ng | # | 96 |
| 59) Diethylphthalate | 15.58 | 149 | 93766 | 40.67 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.80 | 204 | 41360 | 34.86 | ng | | 96 |
| 61) 4-Nitroaniline | 15.83 | 138 | 21743 | 43.61 | ng | # | 64 |
| 62) Azobenzene | 16.10 | 77 | 110400 | 55.27 | ng | | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 15.88 | 198 | 15797 | 34.81 | ng | | 93 |
| 65) n-Nitrosodiphenylamine | 16.02 | 169 | 76108 | 41.70 | ng | | 95 |
| 66) 4-Bromophenyl-phenylether | 16.69 | 248 | 25259 | 34.68 | ng | # | 90 |
| 67) Hexachlorobenzene | 16.81 | 284 | 26015 | 33.86 | ng | # | 88 |
| 68) Atrazine | 16.95 | 200 | 28739 | 42.50 | ng | | 97 |
| 69) Pentachlorophenol | 17.15 | 266 | 34568 | 66.64 | ng | | 92 |
| 70) Phenanthrene | 17.55 | 178 | 149959 | 45.05 | ng | | 99 |
| 71) Anthracene | 17.64 | 178 | 137532 | 41.03 | ng | | 99 |
| 72) Carbazole | 17.90 | 167 | 126916 | 43.85 | ng | | 99 |
| 73) Di-n-butylphthalate | 18.45 | 149 | 168597 | 44.19 | ng | # | 98 |
| 74) Fluoranthene | 19.54 | 202 | 197223 | 47.23 | ng | | 98 |
| 76) Benzidine | 19.71 | 184 | 40071 | 23.51 | ng | | 98 |
| 77) Pyrene | 19.90 | 202 | 198851 | 55.43 | ng | | 97 |
| 79) Butylbenzylphthalate | 20.78 | 149 | 75443 | 50.39 | ng | # | 85 |
| 80) Benzo(a)anthracene | 21.75 | 228 | 175863 | 47.18 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 21.66 | 252 | 17676 | 12.12 | ng | | 98 |
| 82) Chrysene | 21.82 | 228 | 159061 | 44.31 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.65 | 149 | 112403 | 48.62 | ng | | 98 |
| 84) Di-n-octyl phthalate | 22.88 | 149 | 188407 | 48.63 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 28.80 | 276 | 177583 | 41.03 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 24.01 | 252 | 184048 | 49.55 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 24.08 | 252 | 158267 | 43.22 | ng | | 98 |
| 89) Benzo(a)pyrene | 24.90 | 252 | 162487 | 45.57 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 28.86 | 278 | 142001 | 39.51 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 29.98 | 276 | 147047 | 42.47 | ng | | 95 |

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

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Sample : H1526-02MS
Misc :
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Quant Time: Feb 29 01:02:35 2016
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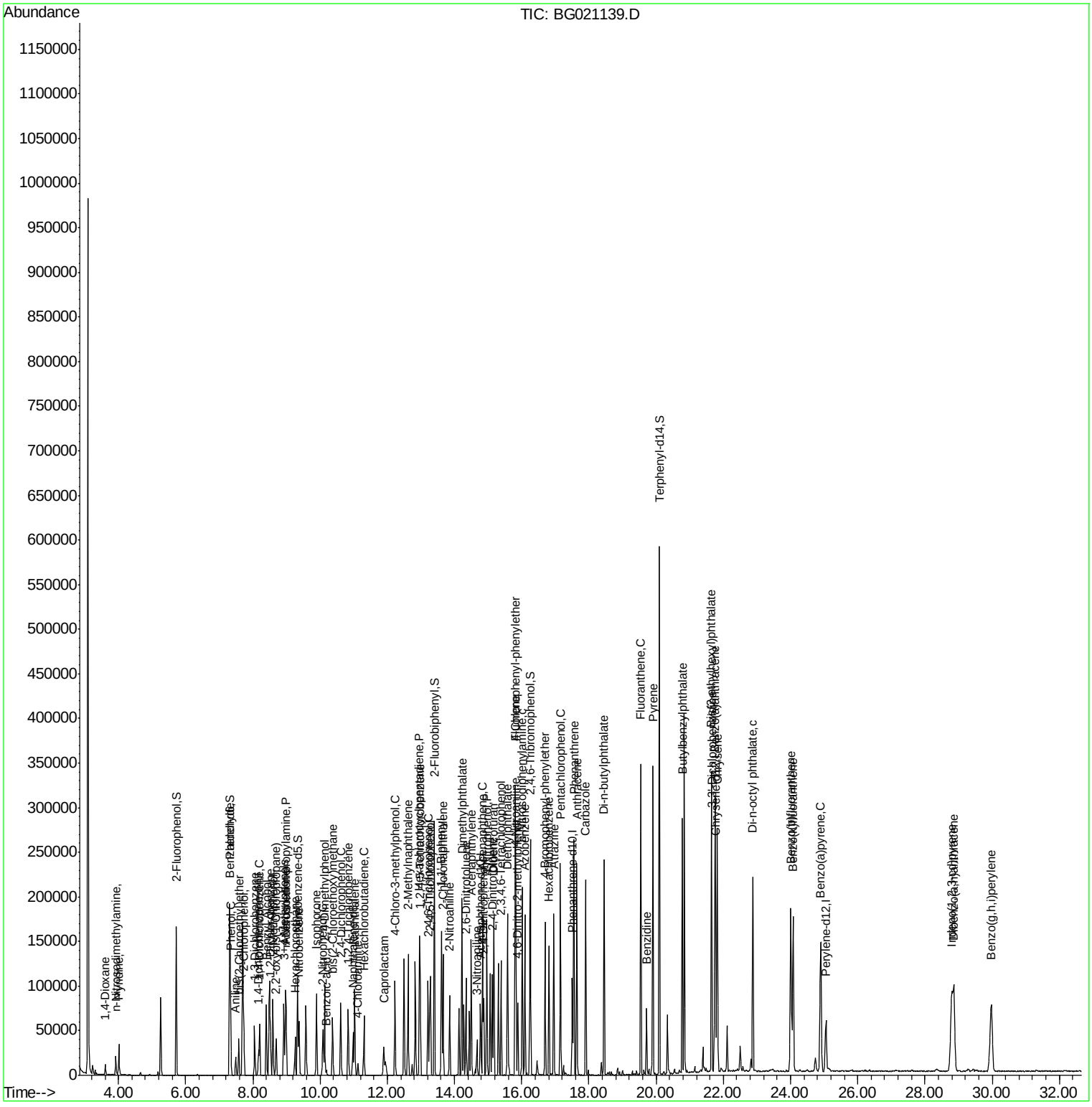
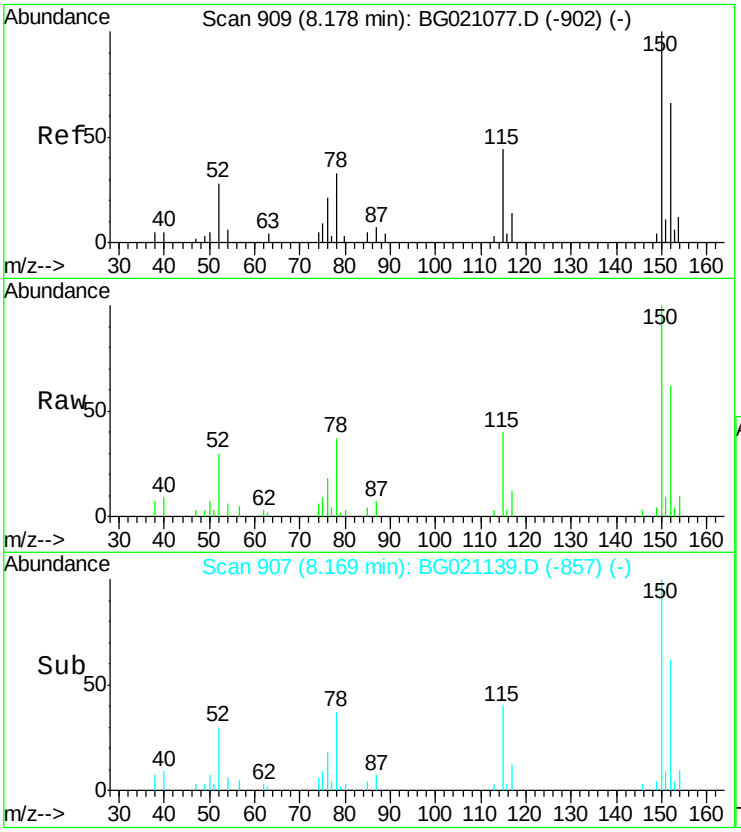
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

**Manual Integrations APPROVED**
Sohil
2/29/2016 12:39:23 PM

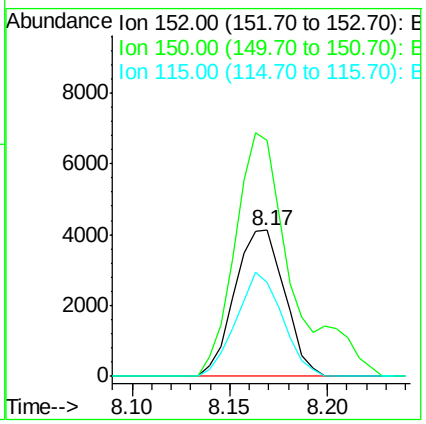





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:152 Resp: 7308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 161.3 | 123.4 | 185.2 |
| 115 | 63.8 | 43.3 | 64.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

**Manual Integrations APPROVED**
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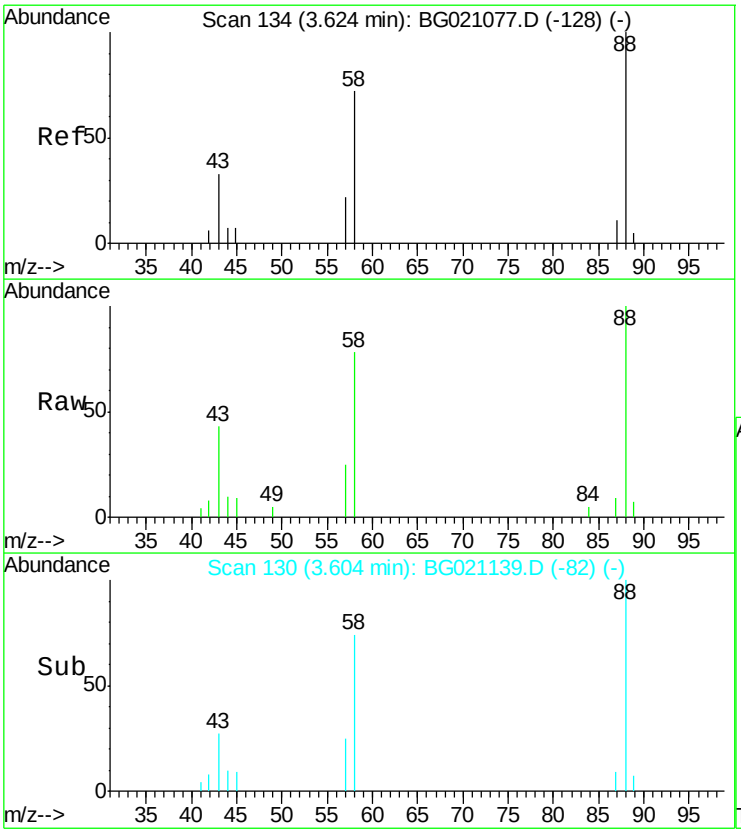
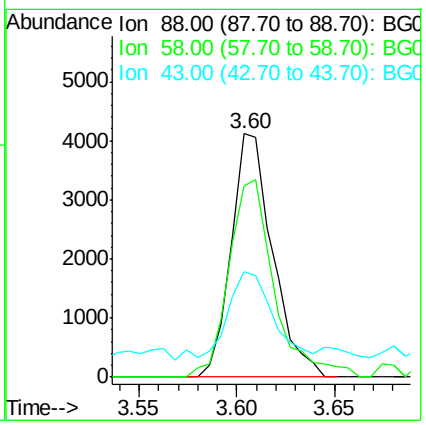
2/29/2016 12:39:23 PM

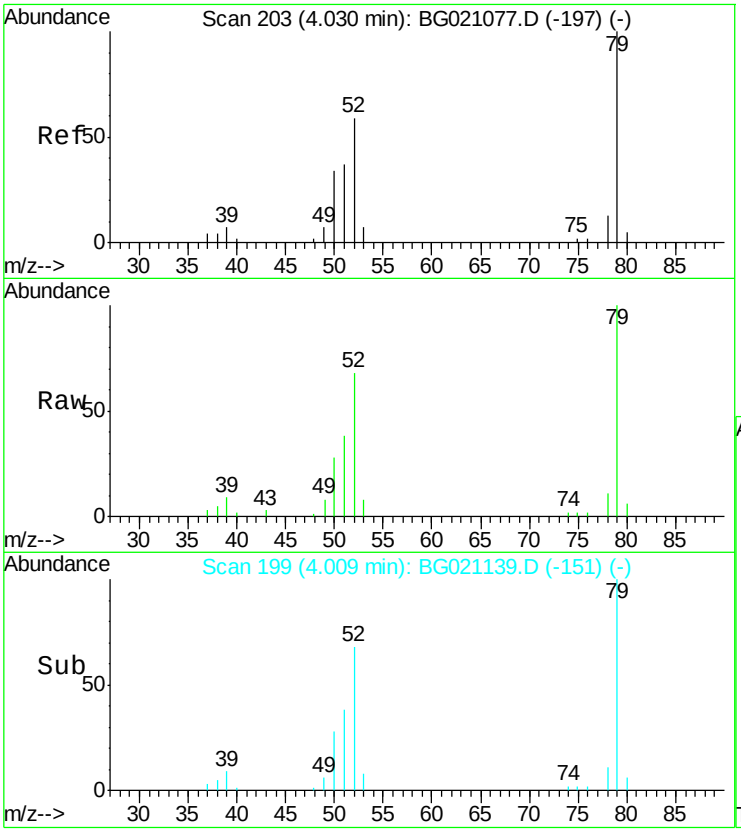



#2
1,4-Dioxane
Concen: 31.29 ng
RT: 3.60 min Scan# 130
Delta R.T. -0.02 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion: 88 Resp: 6049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 88.5 | 55.9 | 83.9# |
| 43 | 35.8 | 22.5 | 33.7# |

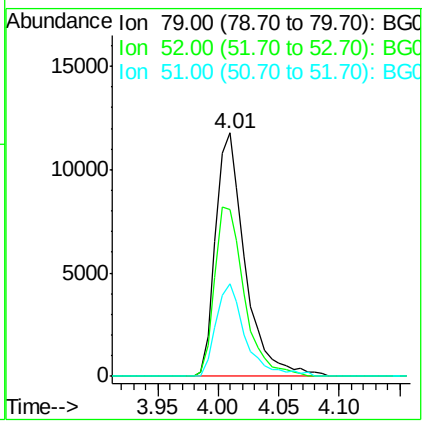





#3
Pyridine
Concen: 35.11 ng
RT: 4.01 min Scan# 199
Delta R.T. -0.02 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion: 79 Resp: 19846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 68.4 | 53.2 | 79.8 |
| 51 | 38.1 | 26.1 | 39.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

**Manual Integrations APPROVED**
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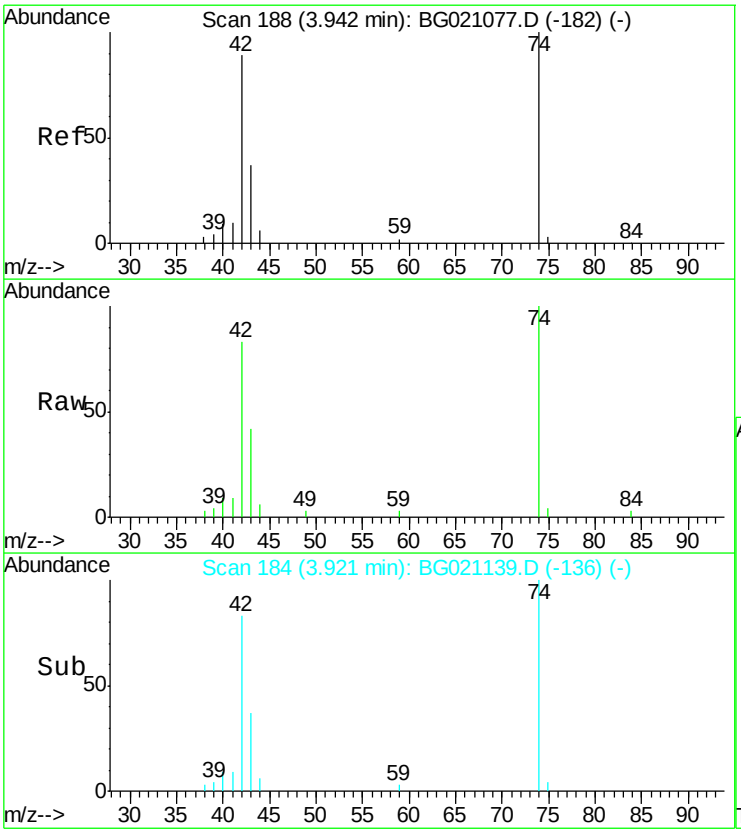
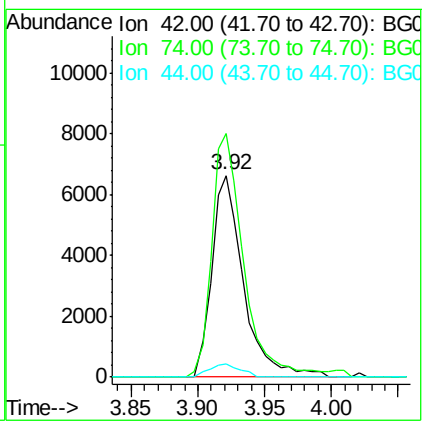
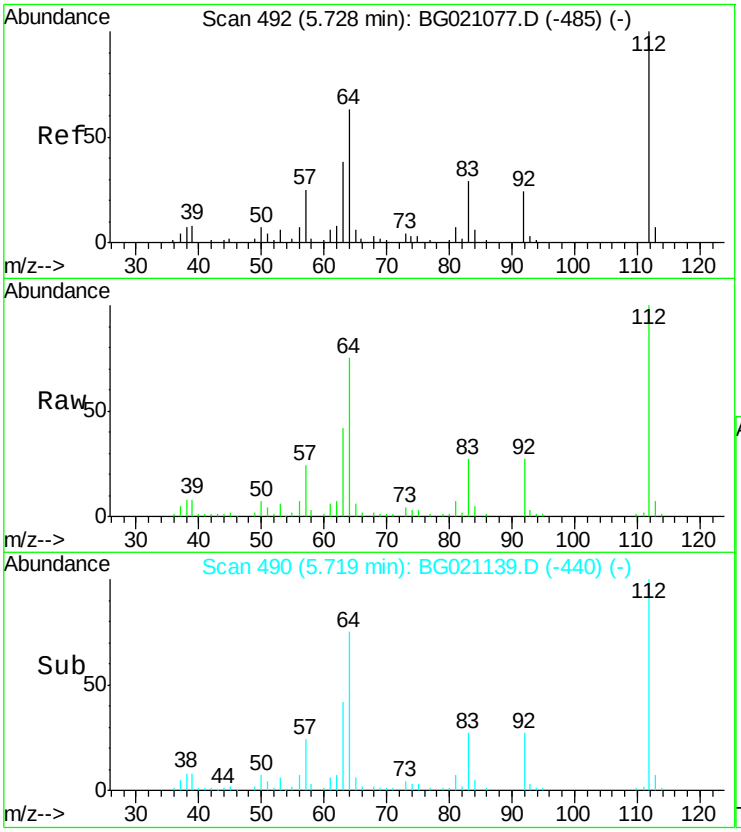



#4
n-Nitrosodimethylamine
Concen: 38.42 ng
RT: 3.92 min Scan# 184
Delta R.T. -0.02 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion: 42 Resp: 11011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 120.8 | 102.3 | 153.5 |
| 44 | 6.8 | 4.8 | 7.2 |

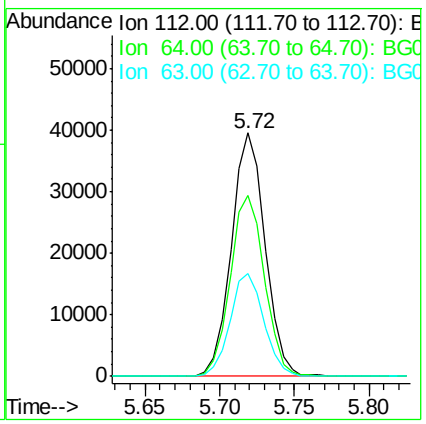





#5
2-Fluorophenol
Concen: 148.27 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:112 Resp: 61890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 74.5 | 42.6 | 63.8# |
| 63 | 42.5 | 21.7 | 32.5# |




**Instrument :**
BNA_G
**ClientSampleId :**
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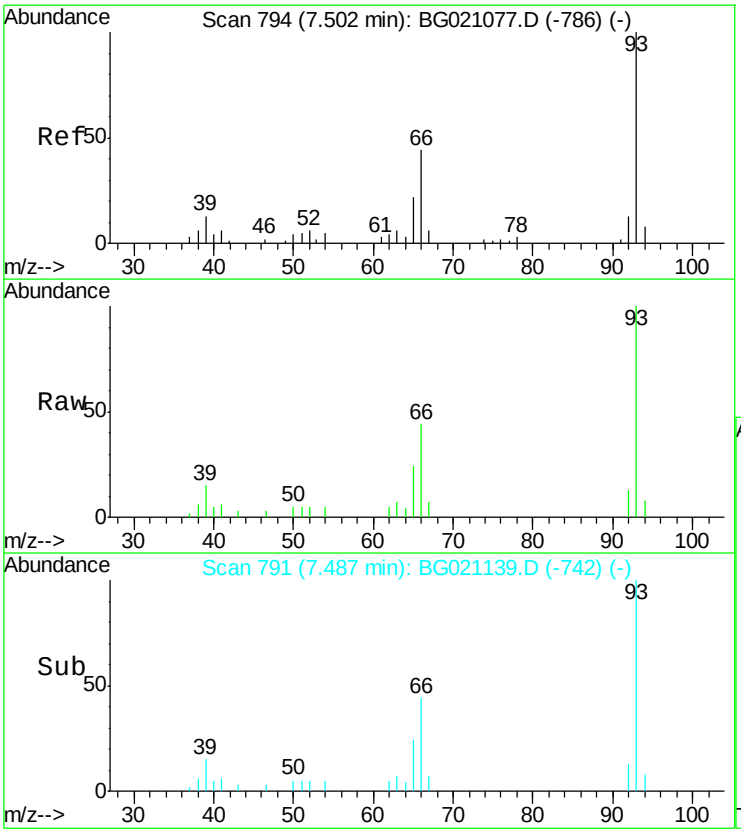
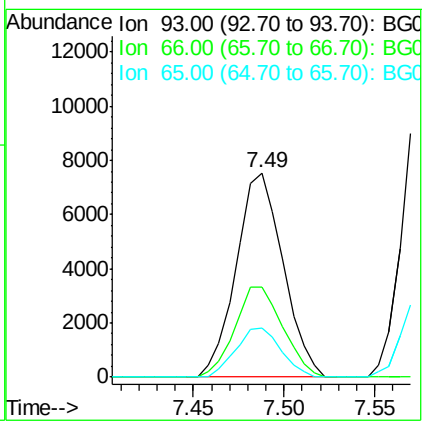
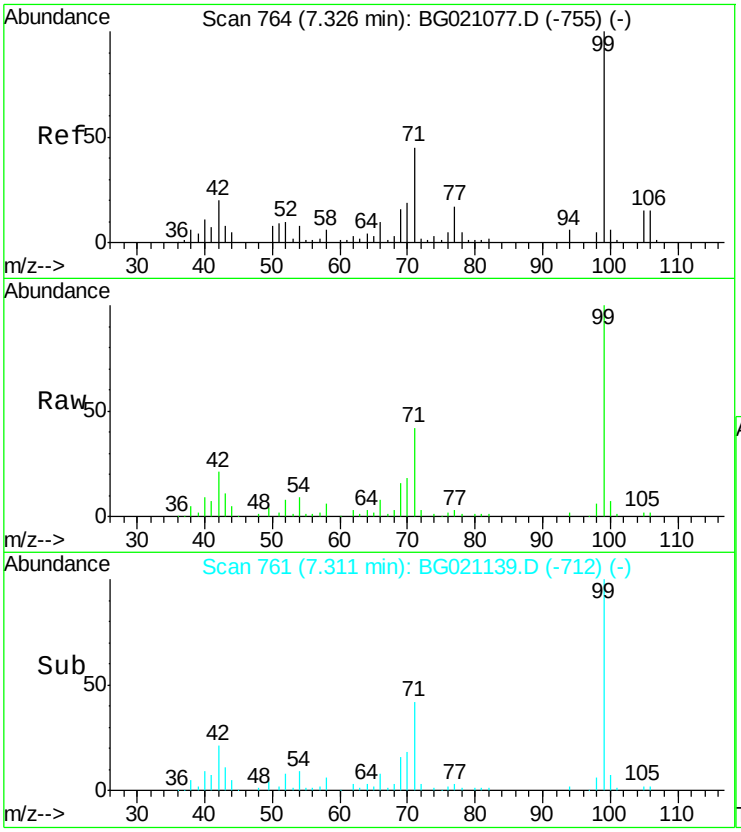



#6
Aniline
Concen: 17.64 ng
RT: 7.49 min Scan# 791
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion: 93 Resp: 13550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 44.3 | 30.1 | 45.1 |
| 65 | 23.8 | 16.6 | 24.8 |

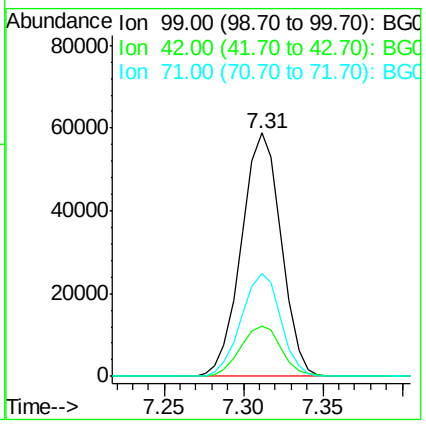





#7
Phenol-d6
Concen: 164.80 ng
RT: 7.31 min Scan# 761
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion: 99 Resp: 102365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.8 | 13.2 | 19.8# |
| 71 | 42.5 | 25.2 | 37.8# |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

**Manual Integrations APPROVED**
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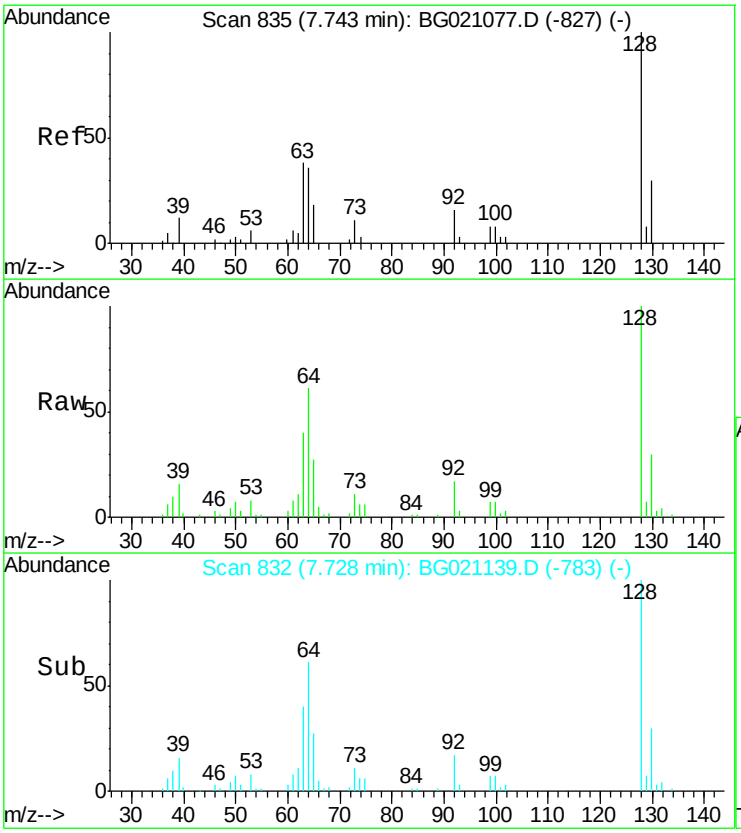
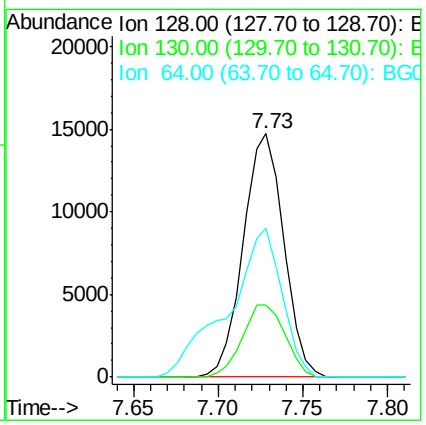
2/29/2016 12:39:23 PM

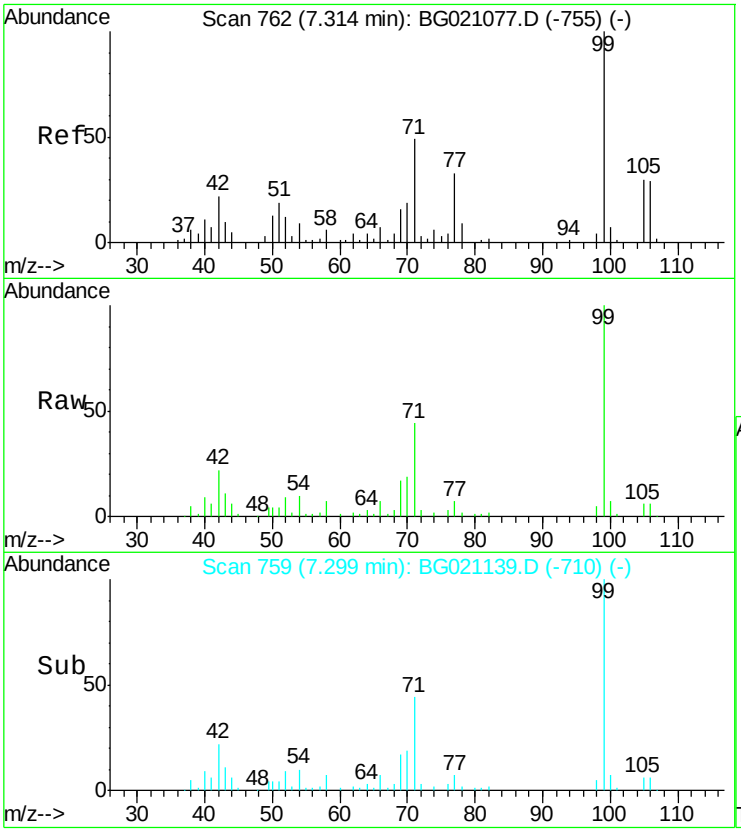



#8
2-Chlorophenol
Concen: 47.15 ng
RT: 7.73 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:128 Resp: 24548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 29.6 | 11.9 | 51.9 |
| 64 | 61.0 | 25.8 | 65.8 |

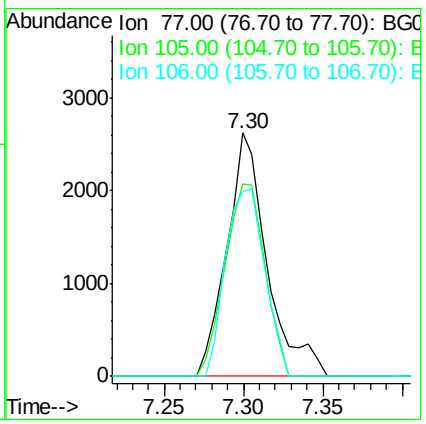





#9
Benzaldehyde
Concen: 13.74 ng
RT: 7.30 min Scan# 759
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

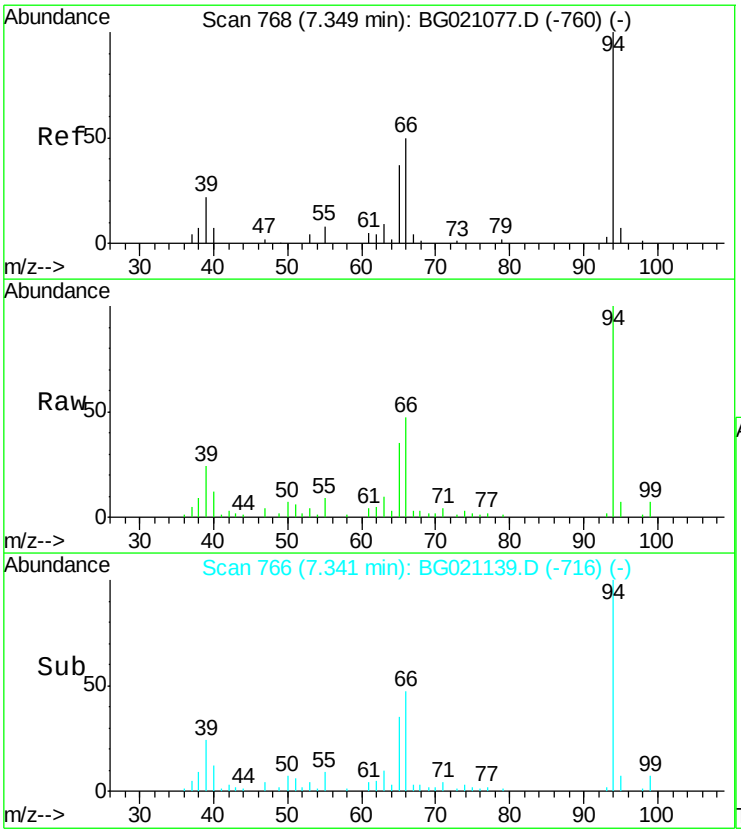
Tgt Ion: 77 Resp: 4623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 79.1 | 77.4 | 117.4 |
| 106 | 75.9 | 72.8 | 112.8 |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

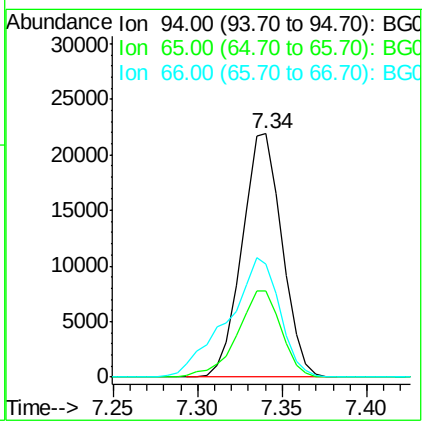
**Manual Integrations APPROVED**
Sohil
2/29/2016 12:39:23 PM

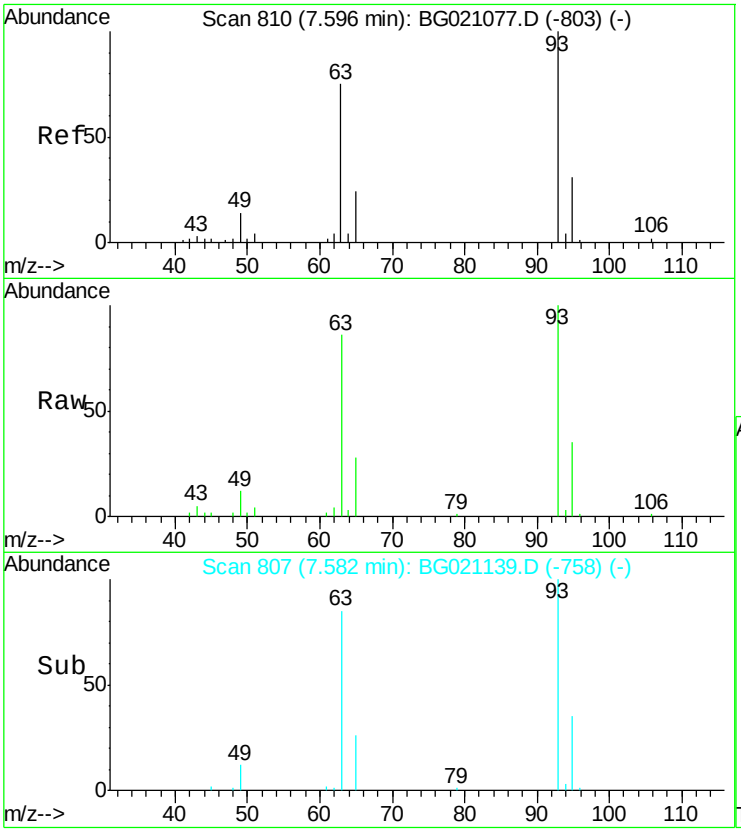



#10
Phenol
Concen: 56.77 ng
RT: 7.34 min Scan# 766
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion: 94 Resp: 36123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 35.5 | 7.2 | 47.2 |
| 66 | 46.5 | 15.4 | 55.4 |

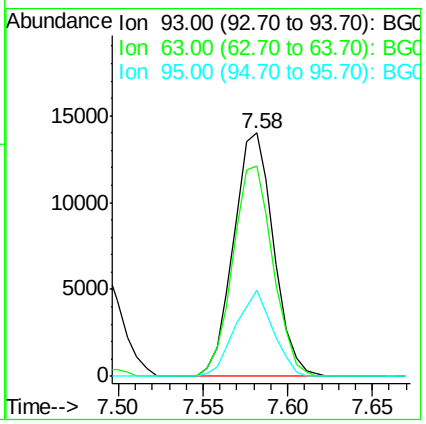





#11
bis(2-Chloroethyl)ether
Concen: 47.31 ng
RT: 7.58 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion: 93 Resp: 23073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 86.2 | 60.5 | 100.5 |
| 95 | 35.3 | 14.6 | 54.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
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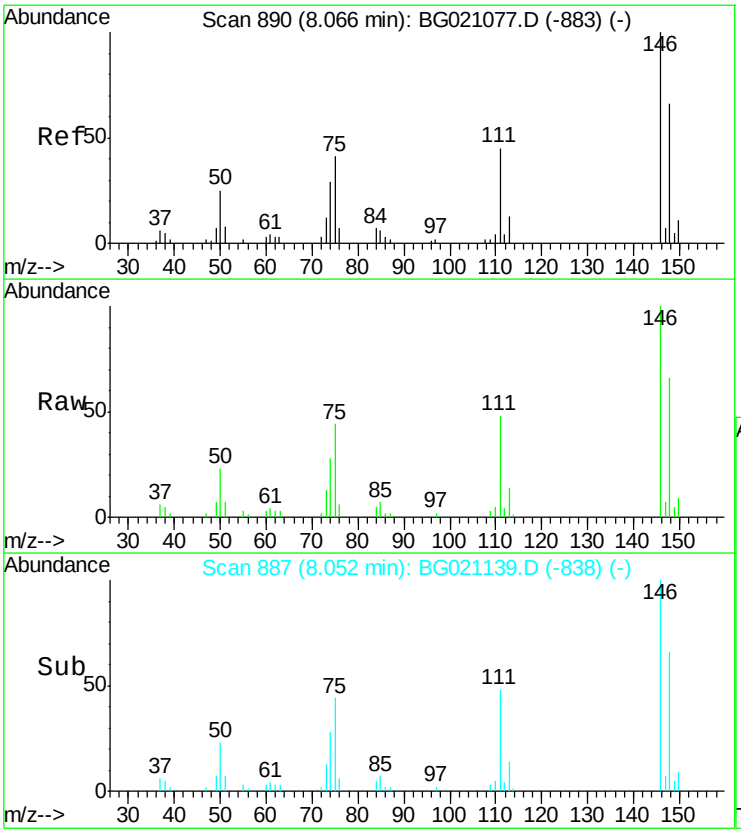
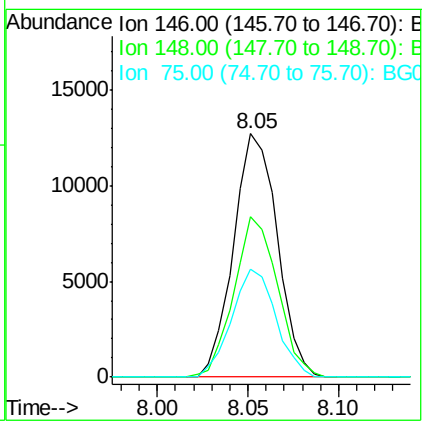
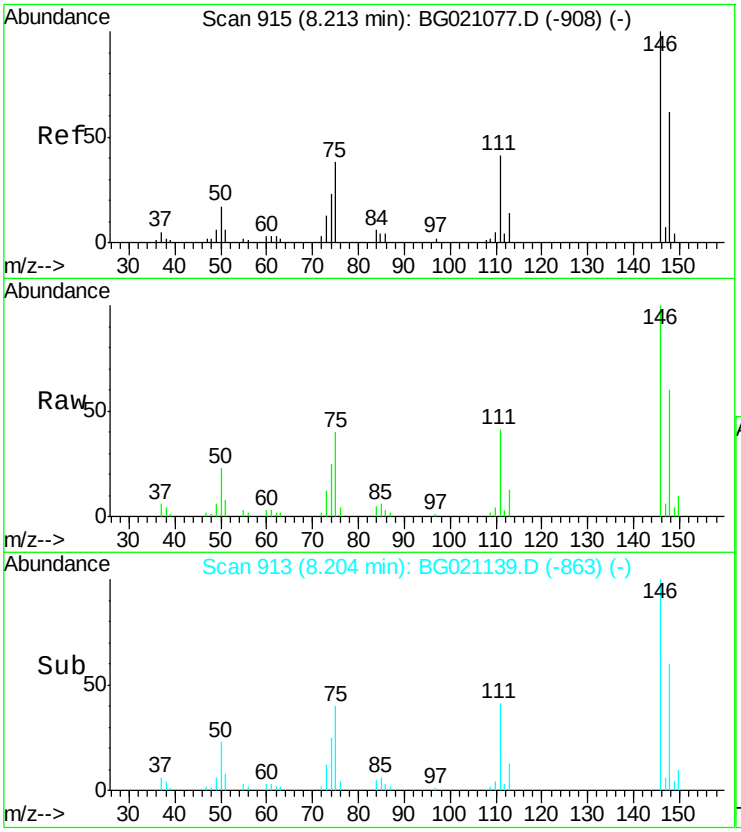



#12
1,3-Dichlorobenzene
Concen: 38.57 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:146 Resp: 21370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.6 | 52.6 | 78.8 |
| 75 | 44.1 | 24.0 | 36.0# |

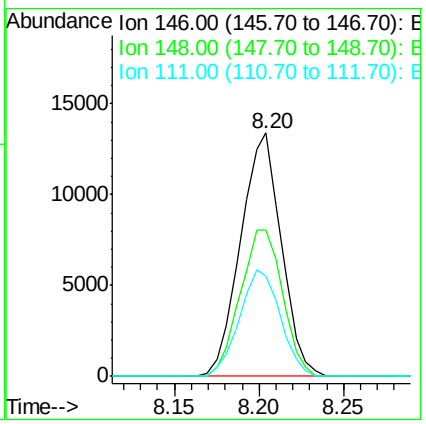





#13
1,4-Dichlorobenzene
Concen: 37.91 ng
RT: 8.20 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:146 Resp: 22442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 60.1 | 50.2 | 75.4 |
| 111 | 41.2 | 31.9 | 47.9 |




**Instrument :**
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**ClientSampleId :**
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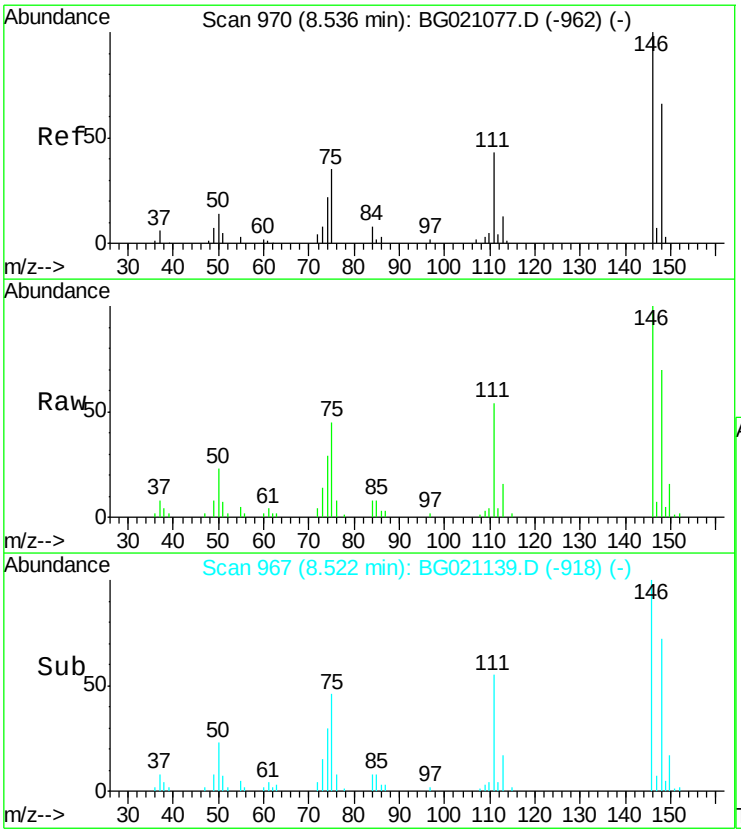
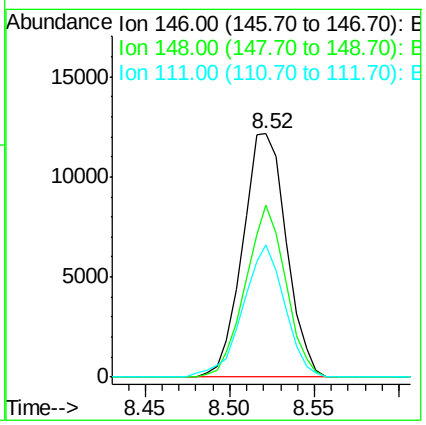
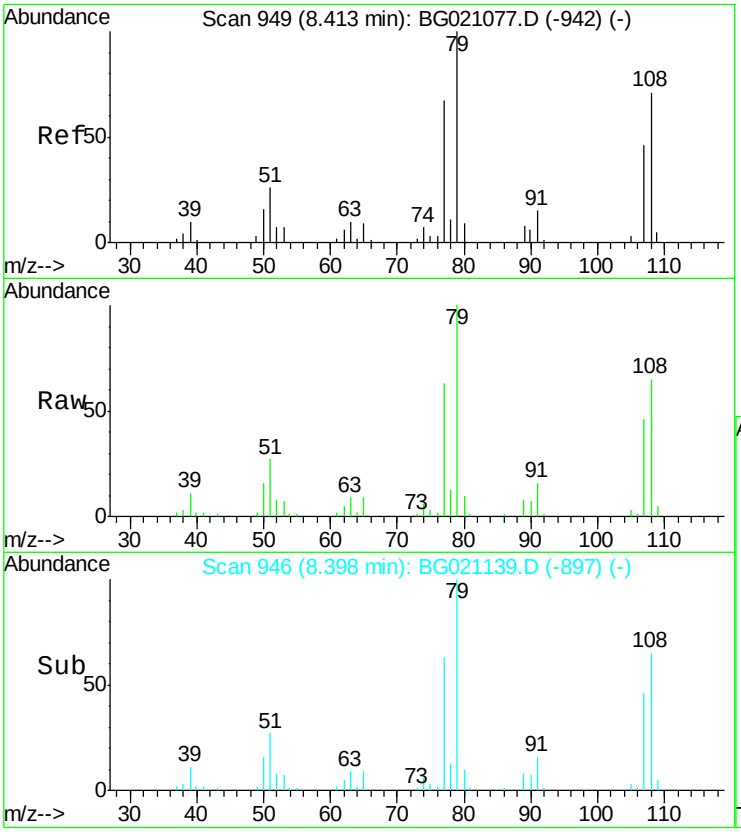



#14
1,2-Dichlorobenzene
Concen: 38.96 ng
RT: 8.52 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:146 Resp: 21833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 70.4 | 50.5 | 75.7 |
| 111 | 54.1 | 35.4 | 53.2# |






#15
Benzyl Alcohol
Concen: 54.63 ng
RT: 8.40 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion: 79 Resp: 29643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 64.9 | 65.1 | 97.7# |
| 77 | 62.6 | 53.8 | 80.8 |

**Instrument :**
BNA_G
**ClientSampleId :**
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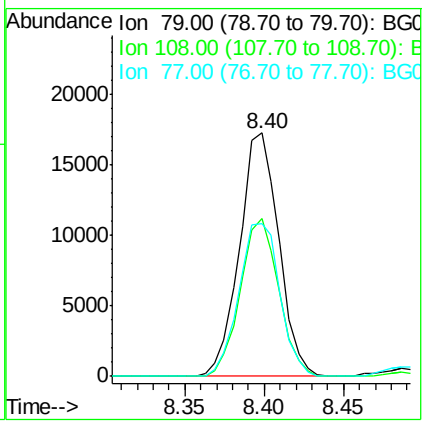
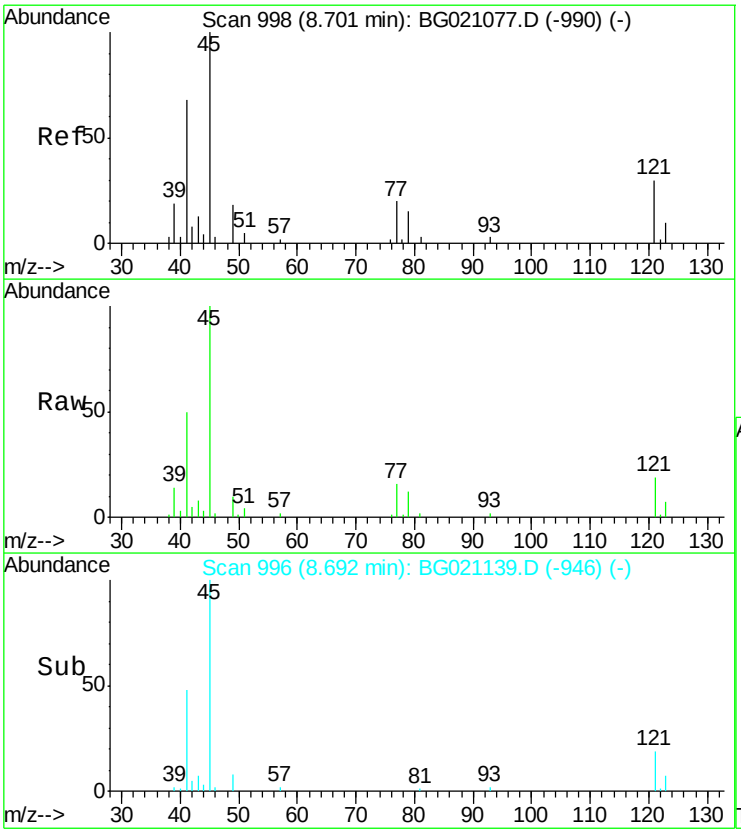
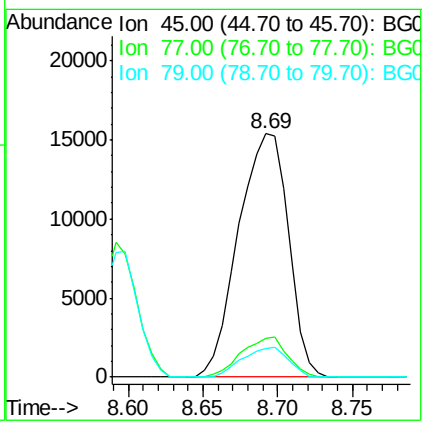


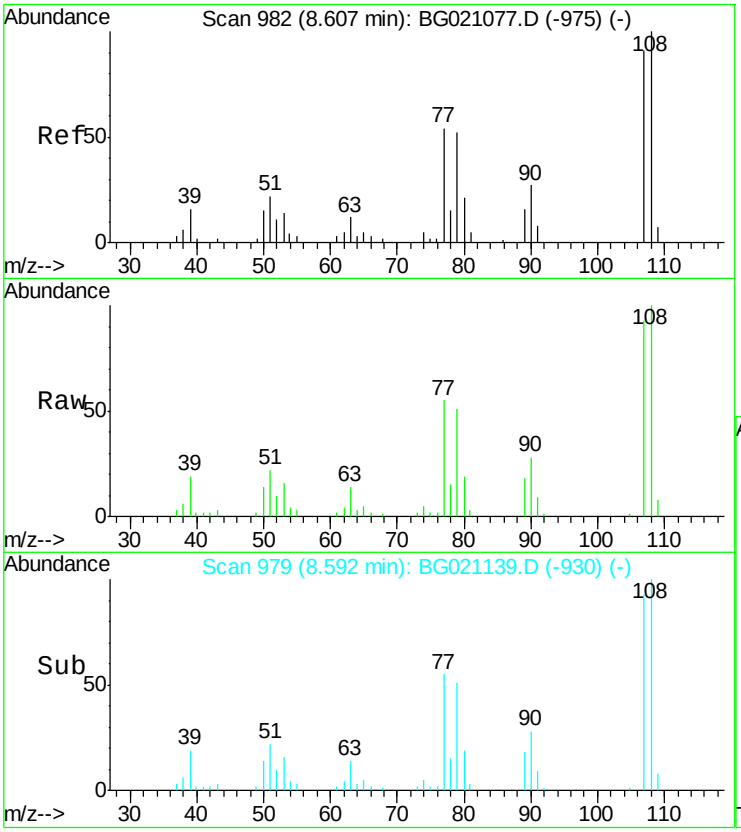




#16
2,2'-oxybis(1-Chloropropane)
Concen: 63.72 ng
RT: 8.69 min Scan# 996
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion: 45 Resp: 35634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.7 | 0.0 | 33.3 |
| 79 | 11.8 | 0.0 | 29.6 |

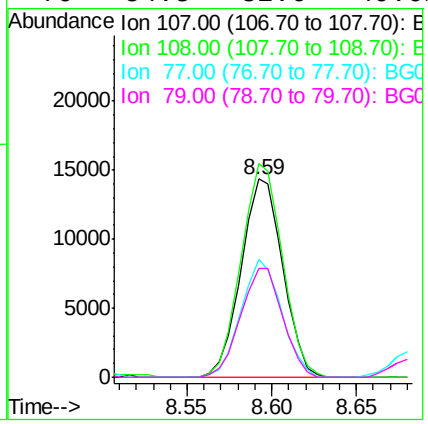





#17
2-Methylphenol
Concen: 54.75 ng
RT: 8.59 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:107 Resp: 24591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 107.7 | 88.8 | 133.2 |
| 77 | 59.3 | 38.0 | 57.0# |
| 79 | 54.8 | 32.6 | 49.0# |




**Instrument :**
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**ClientSampleId :**
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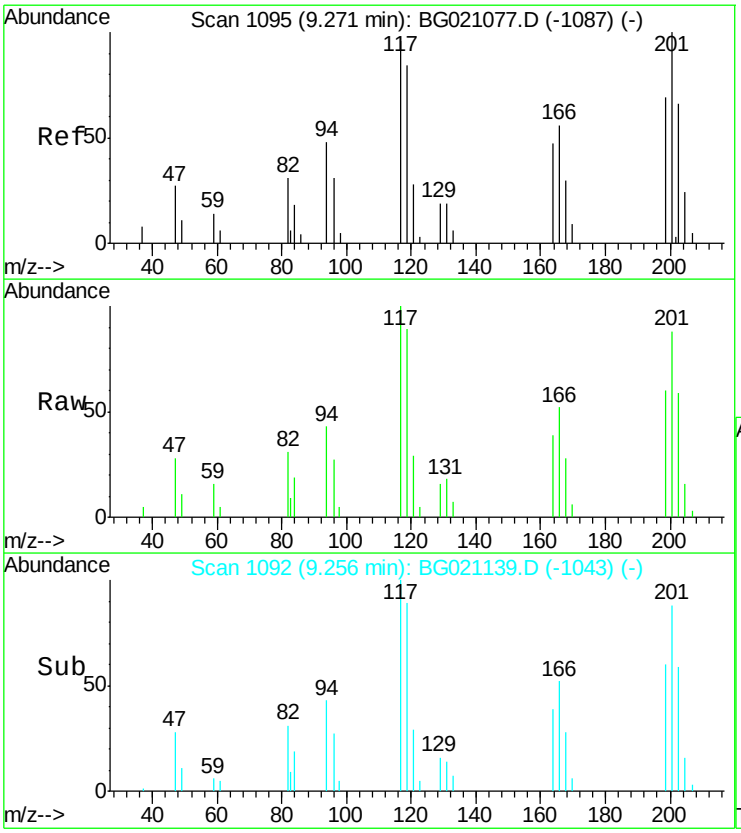
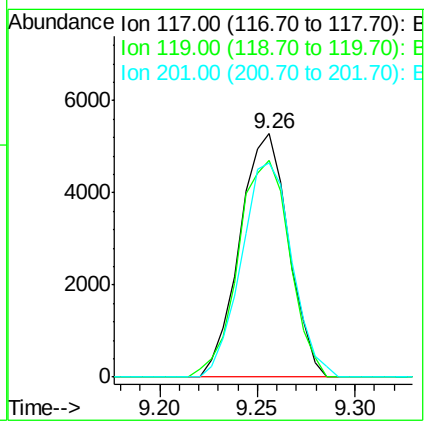
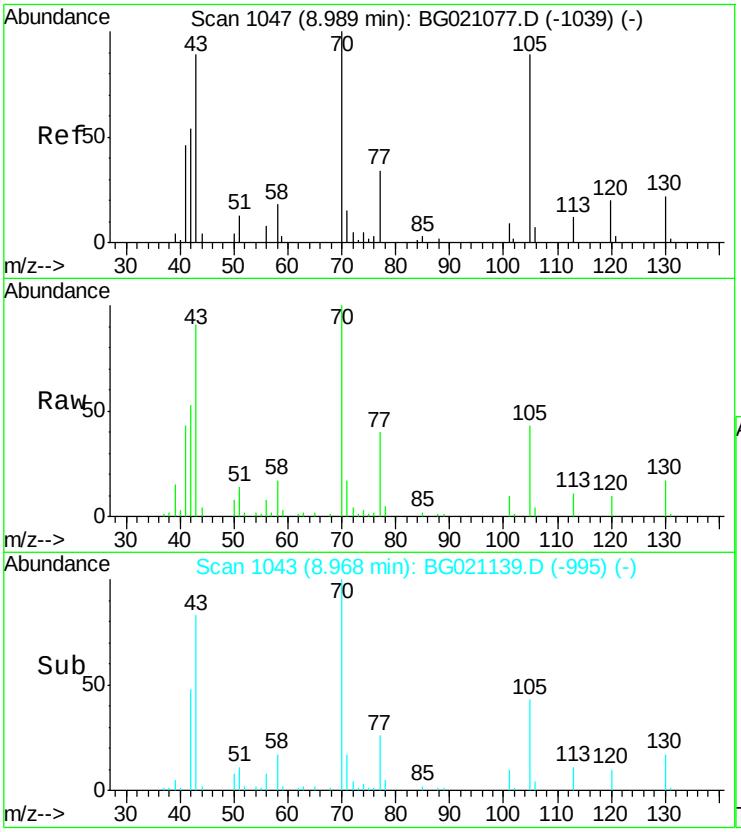



#18
Hexachloroethane
Concen: 40.90 ng
RT: 9.26 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:117 Resp: 9158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 89.2 | 74.5 | 111.7 |
| 201 | 87.7 | 68.2 | 102.4 |

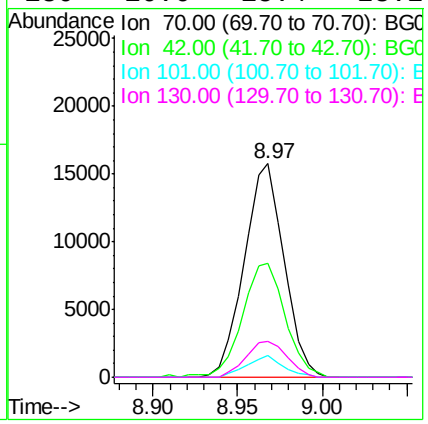





#19
n-Nitroso-di-n-propylamine
Concen: 53.79 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion: 70 Resp: 25772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 53.4 | 48.8 | 73.2 |
| 101 | 10.1 | 8.5 | 12.7 |
| 130 | 16.6 | 15.4 | 23.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
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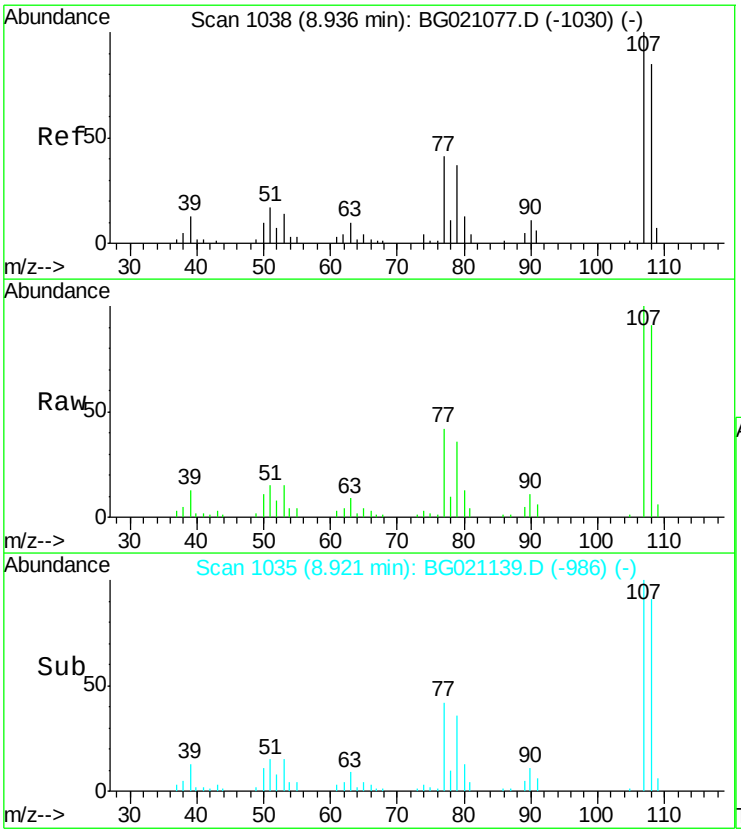
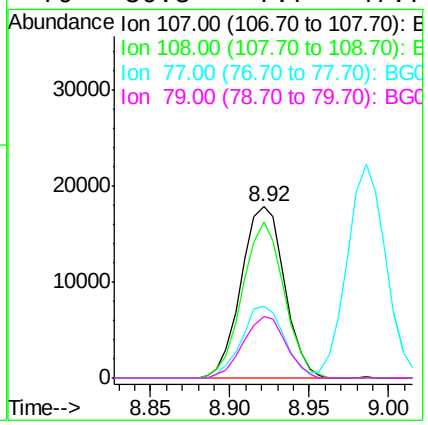
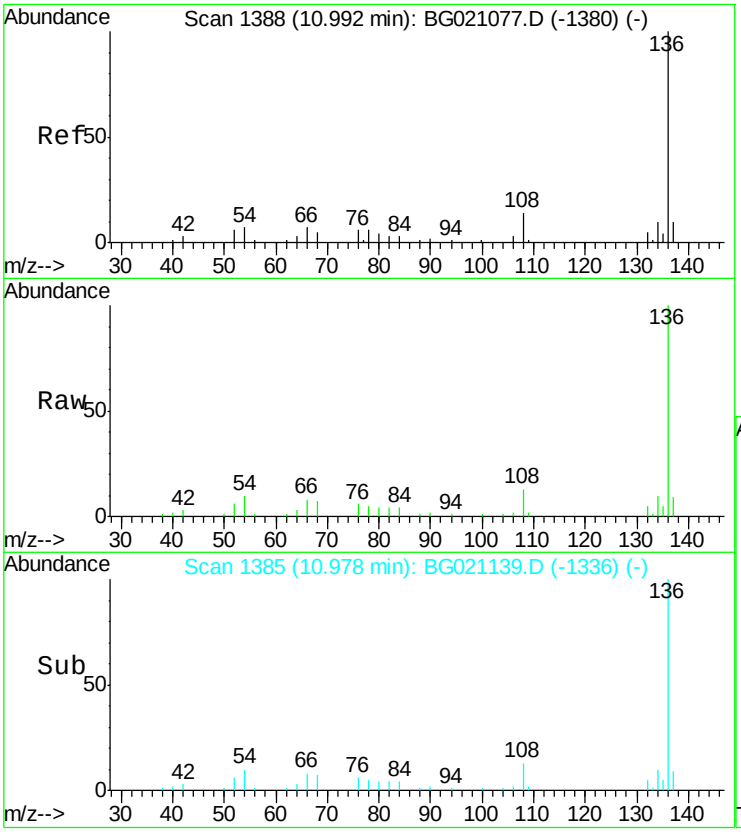



#20
3+4-Methylphenols
Concen: 54.25 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:107 Resp: 33784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.2 | 67.6 | 107.6 |
| 77 | 42.3 | 14.4 | 54.4 |
| 79 | 36.3 | 7.7 | 47.7 |

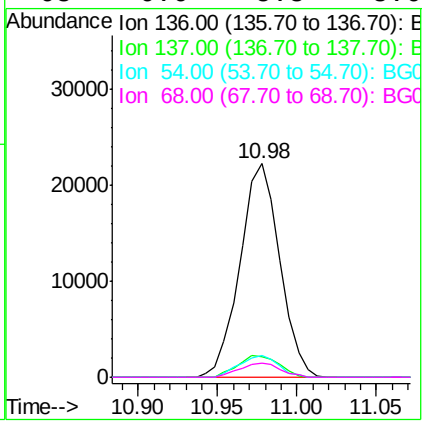





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:136 Resp: 38757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 9.5 | 8.8 | 13.2 |
| 54 | 10.0 | 6.9 | 10.3 |
| 68 | 6.6 | 5.8 | 8.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

**Manual Integrations APPROVED**
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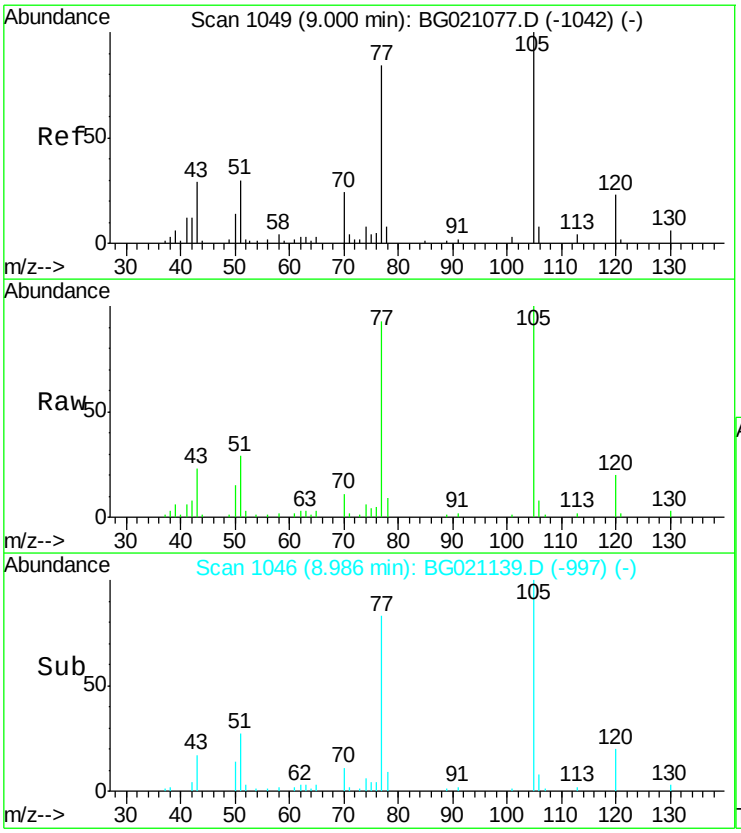
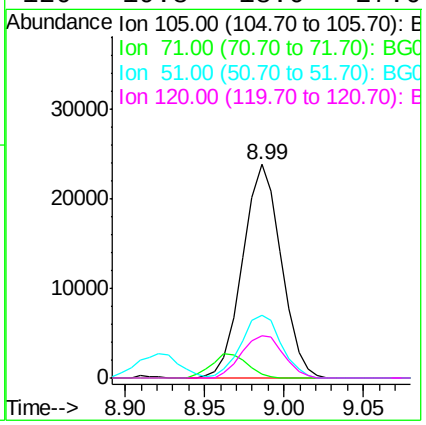
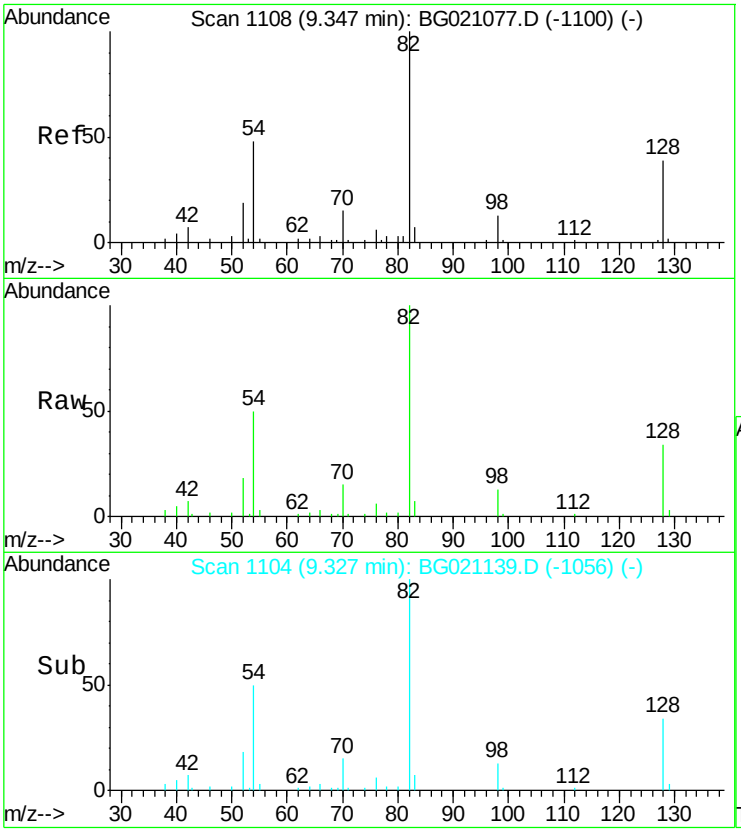



#22
Acetophenone
Concen: 37.70 ng
RT: 8.99 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:105 Resp: 40333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 1.8 | 0.0 | 0.0# |
| 51 | 29.3 | 21.4 | 32.2 |
| 120 | 19.8 | 18.0 | 27.0 |

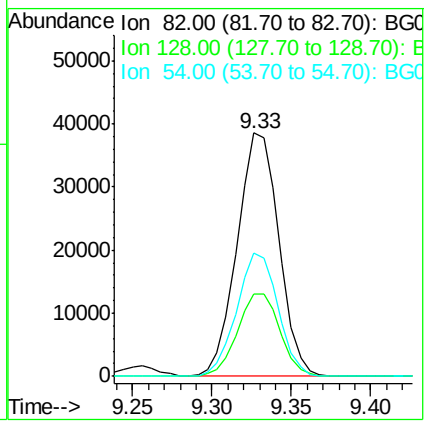





#23
Nitrobenzene-d5
Concen: 86.69 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion: 82 Resp: 70520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 34.0 | 36.3 | 54.5# |
| 54 | 50.4 | 37.6 | 56.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
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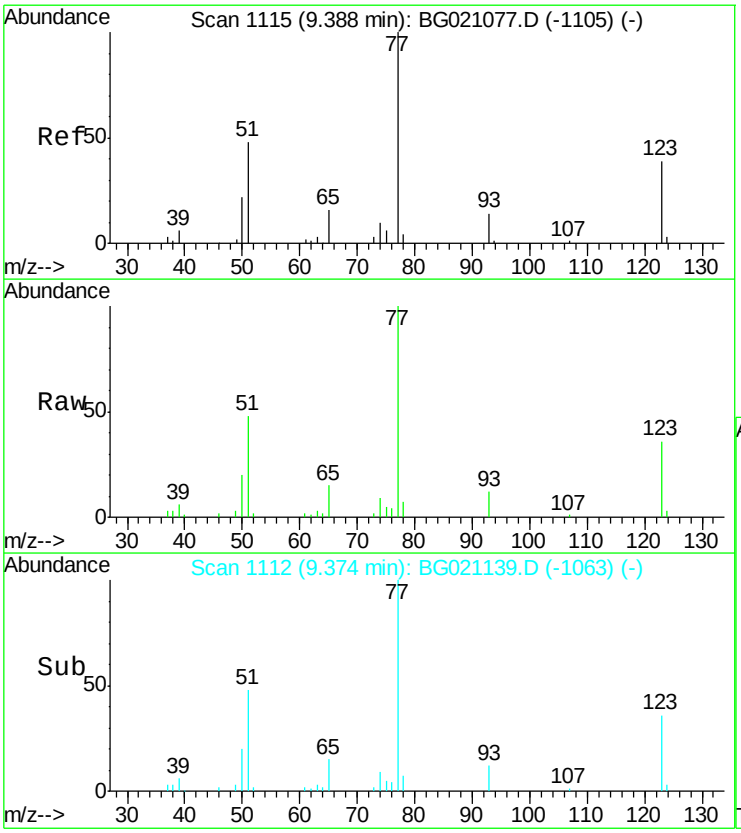
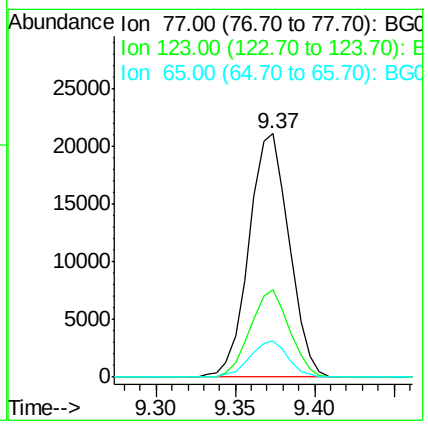
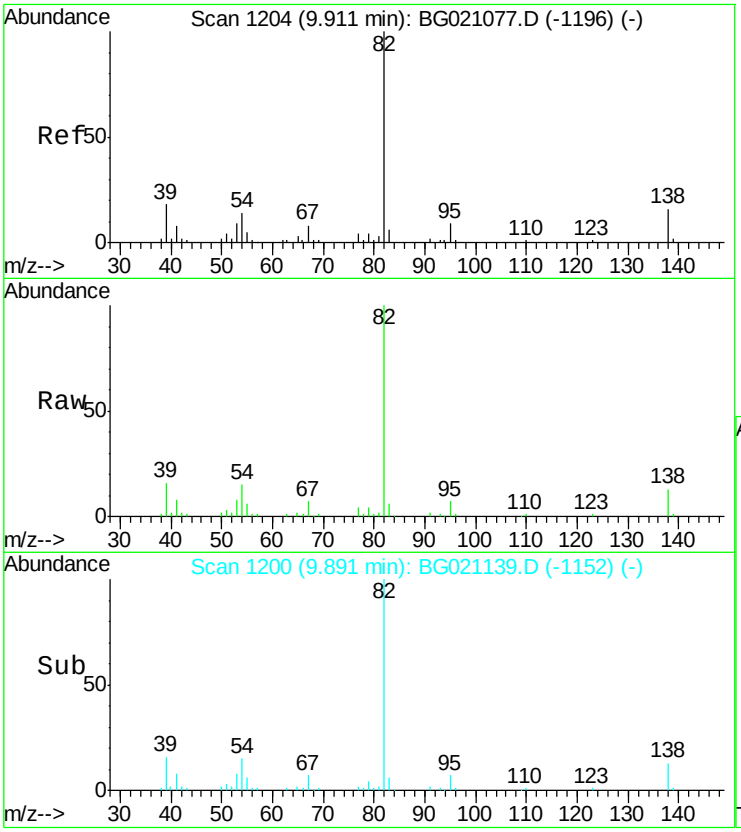



#24
Nitrobenzene
Concen: 44.19 ng
RT: 9.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion: 77 Resp: 37136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 35.7 | 35.8 | 53.6# |
| 65 | 14.8 | 10.6 | 16.0 |

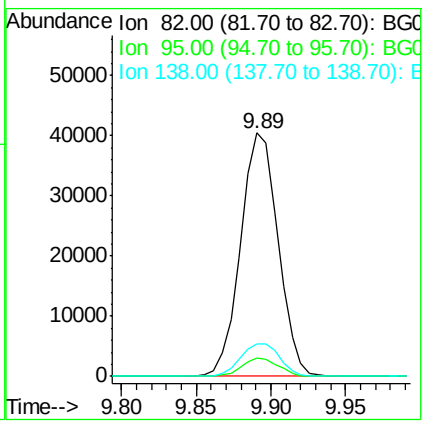





#25
Isophorone
Concen: 46.08 ng
RT: 9.89 min Scan# 1200
Delta R.T. -0.02 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion: 82 Resp: 70250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.4 | 5.4 | 8.0 |
| 138 | 13.5 | 13.4 | 20.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
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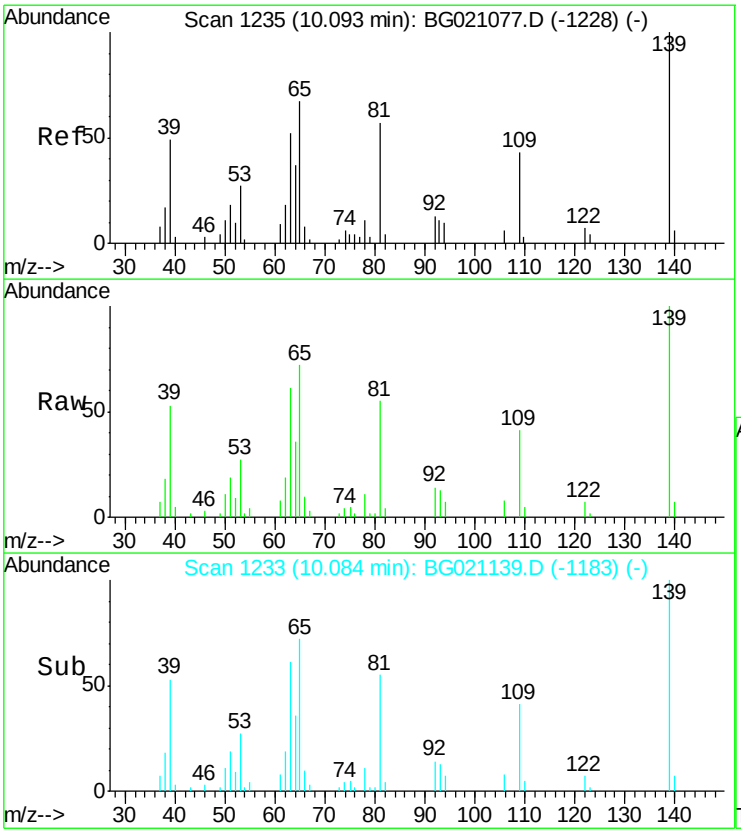
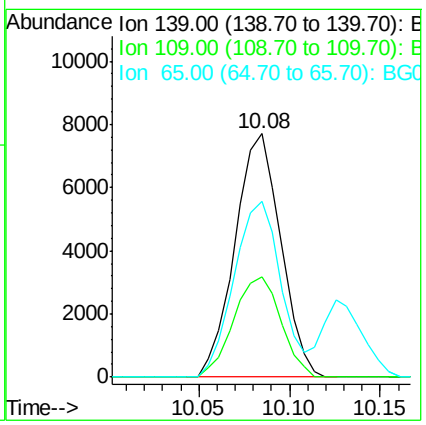
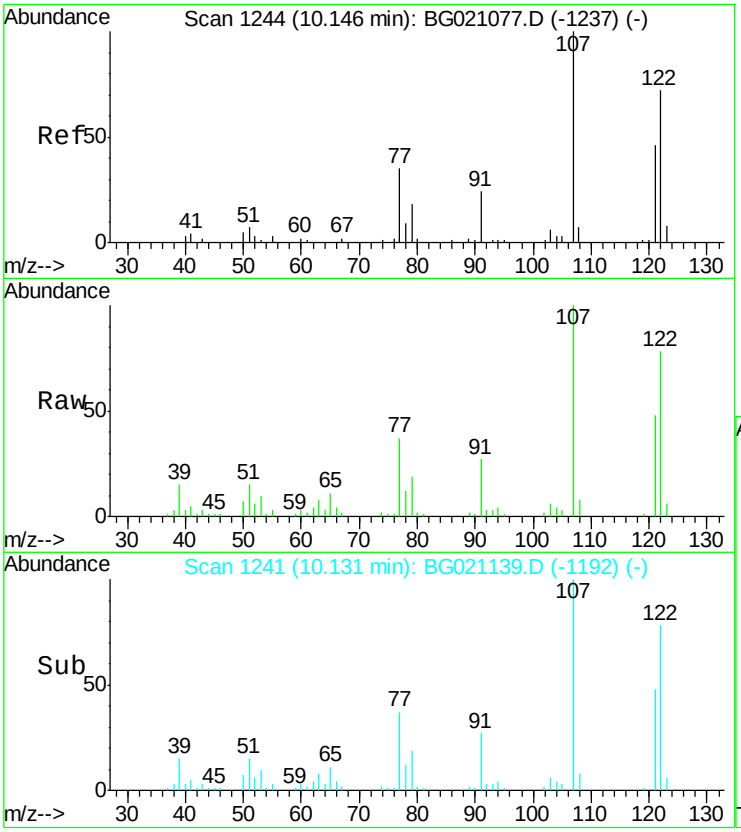



#26
2-Nitrophenol
Concen: 38.07 ng
RT: 10.08 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:139 Resp: 13525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 41.2 | 21.4 | 32.0# |
| 65 | 72.3 | 37.8 | 56.8# |

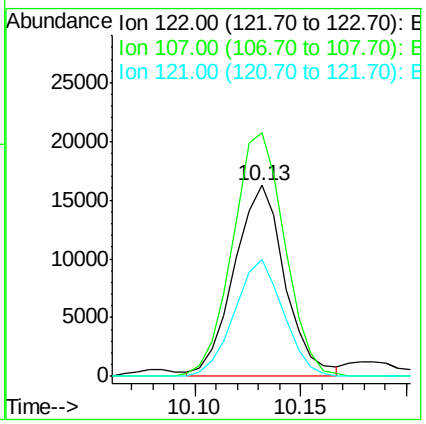





#27
2,4-Dimethylphenol
Concen: 43.32 ng
RT: 10.13 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:122 Resp: 27148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 127.5 | 94.1 | 141.1 |
| 121 | 61.2 | 45.9 | 68.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
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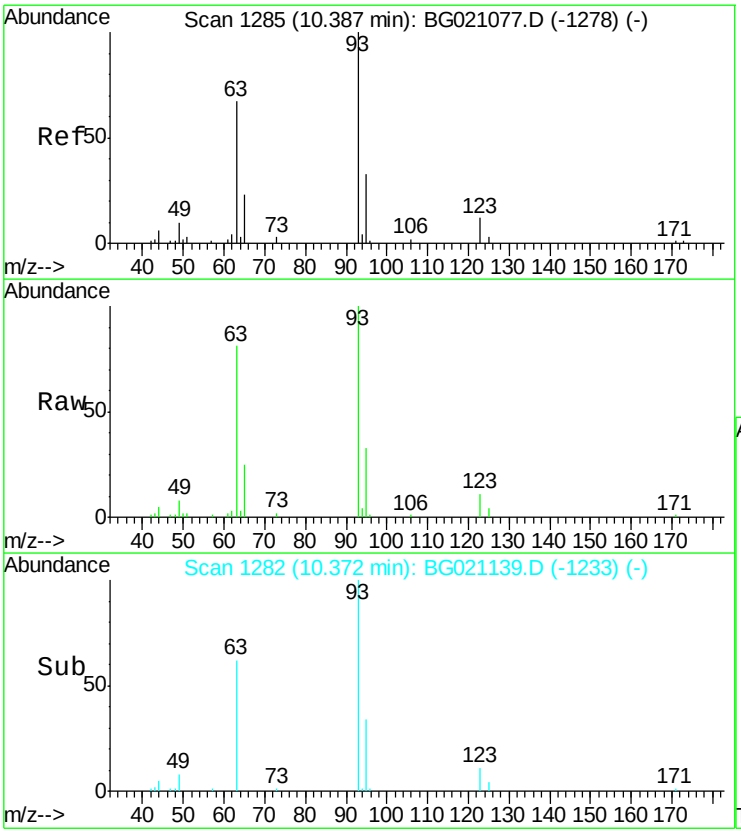
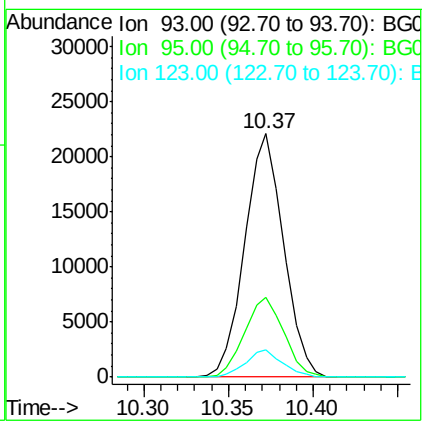
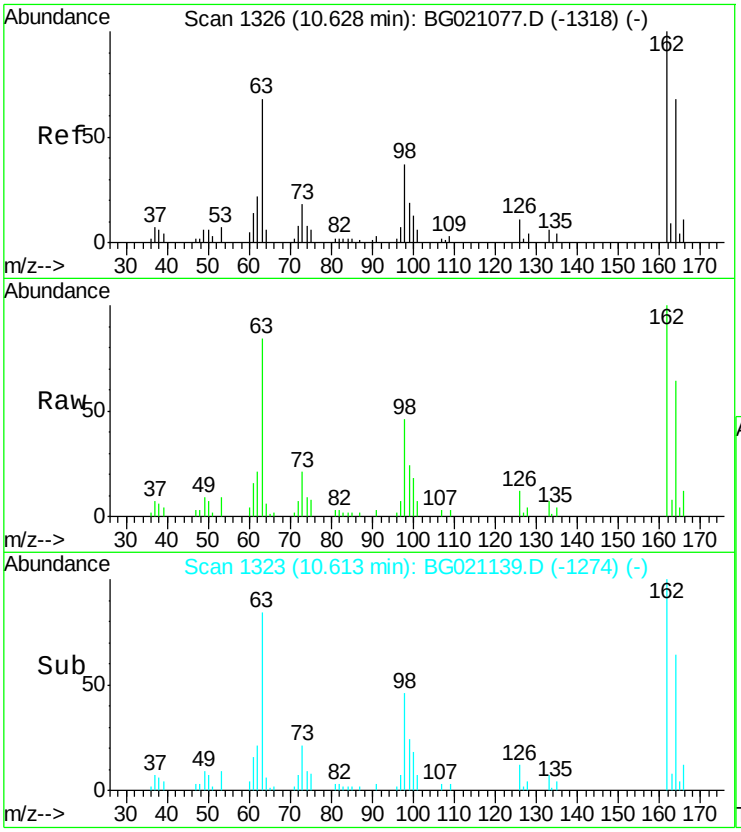



#28
bis(2-Chloroethoxy)methane
Concen: 47.40 ng
RT: 10.37 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion: 93 Resp: 35217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 24.2 | 36.2 |
| 123 | 11.3 | 9.0 | 13.6 |

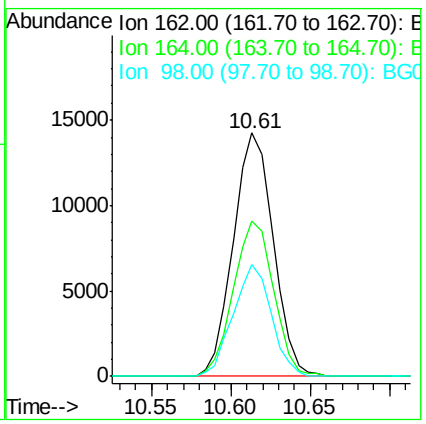





#29
2,4-Dichlorophenol
Concen: 40.64 ng
RT: 10.61 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:162 Resp: 24933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.8 | 43.7 | 83.7 |
| 98 | 46.1 | 18.3 | 58.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

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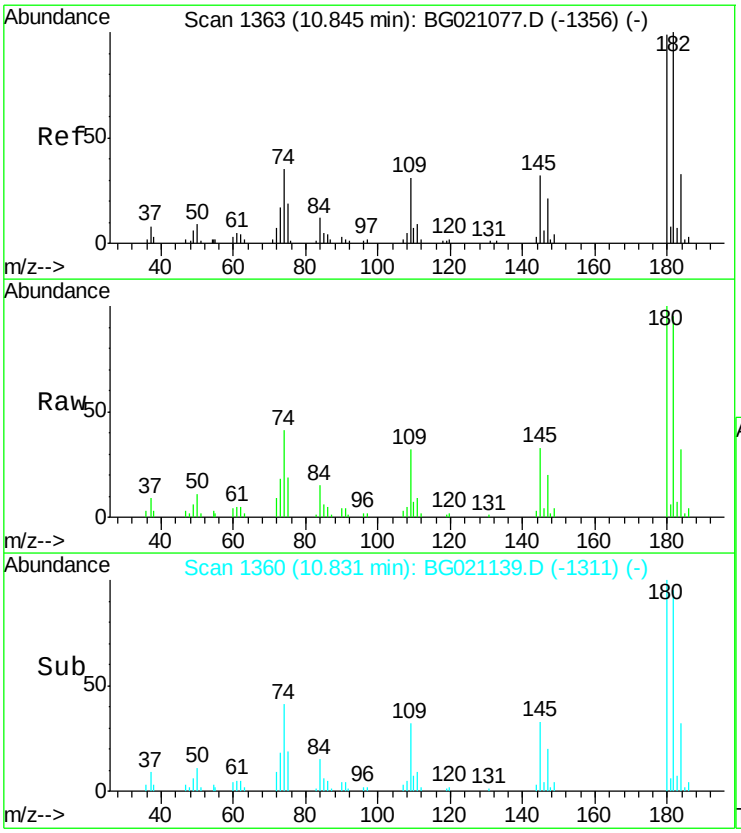
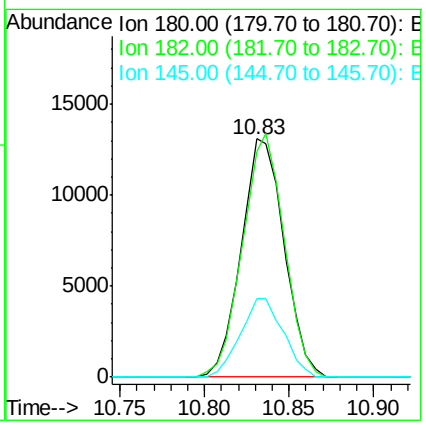
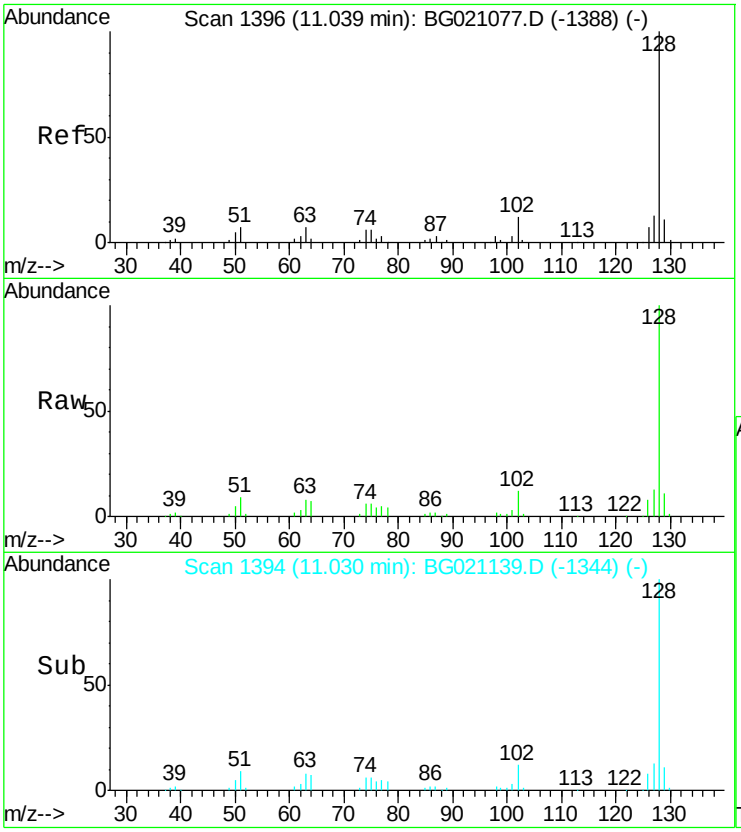



#30
1,2,4-Trichlorobenzene
Concen: 33.18 ng
RT: 10.83 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:180 Resp: 23073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.6 | 77.4 | 116.0 |
| 145 | 33.1 | 25.7 | 38.5 |

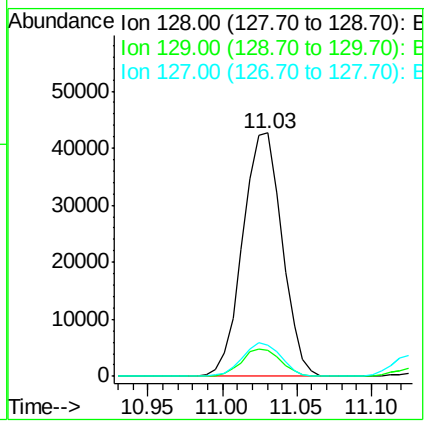





#31
Naphthalene
Concen: 39.19 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:128 Resp: 78008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 9.4 | 14.2 |
| 127 | 13.0 | 10.8 | 16.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
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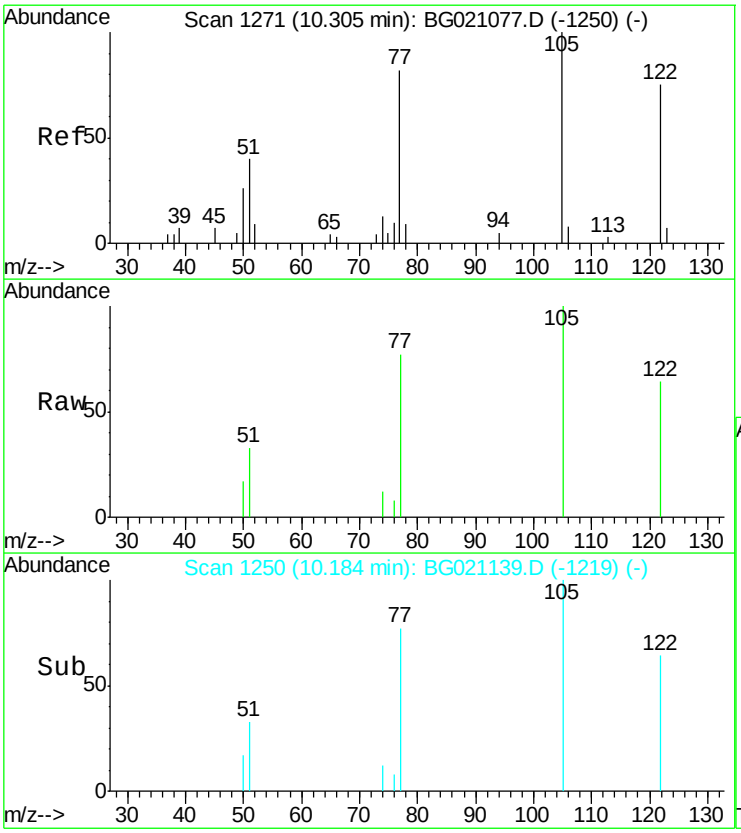
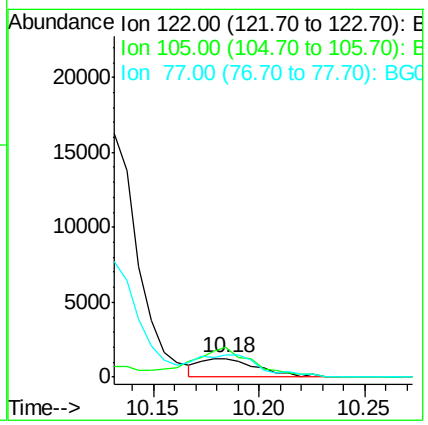
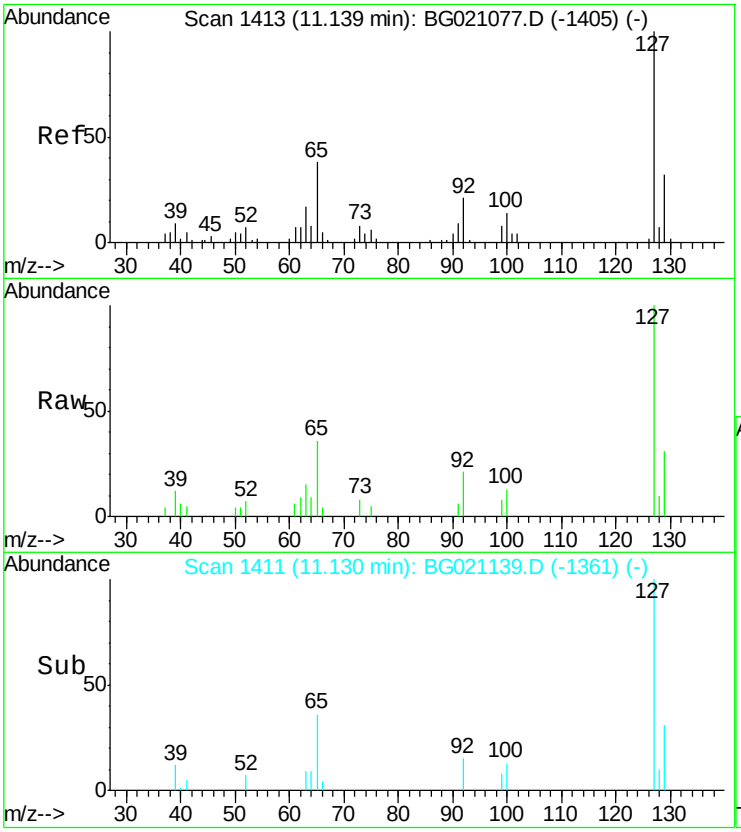



#32
Benzoic acid
Concen: 4.15 ng
RT: 10.18 min Scan# 1250
Delta R.T. -0.12 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:122 Resp: 2386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 157.4 | 98.7 | 138.7# |
| 77 | 121.3 | 84.5 | 124.5 |

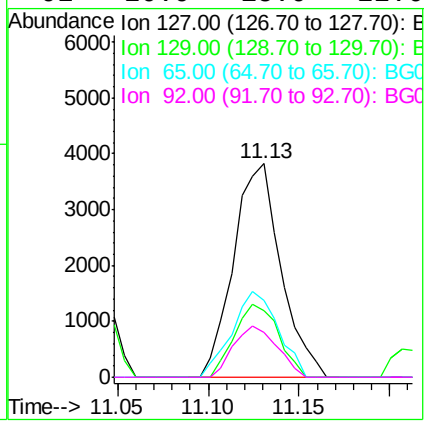





#33
4-Chloroaniline
Concen: 8.39 ng
RT: 11.13 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:127 Resp: 6974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.3 | 26.2 | 39.2 |
| 65 | 35.9 | 22.9 | 34.3# |
| 92 | 20.9 | 15.0 | 22.6 |




**Instrument :**
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**ClientSampleId :**
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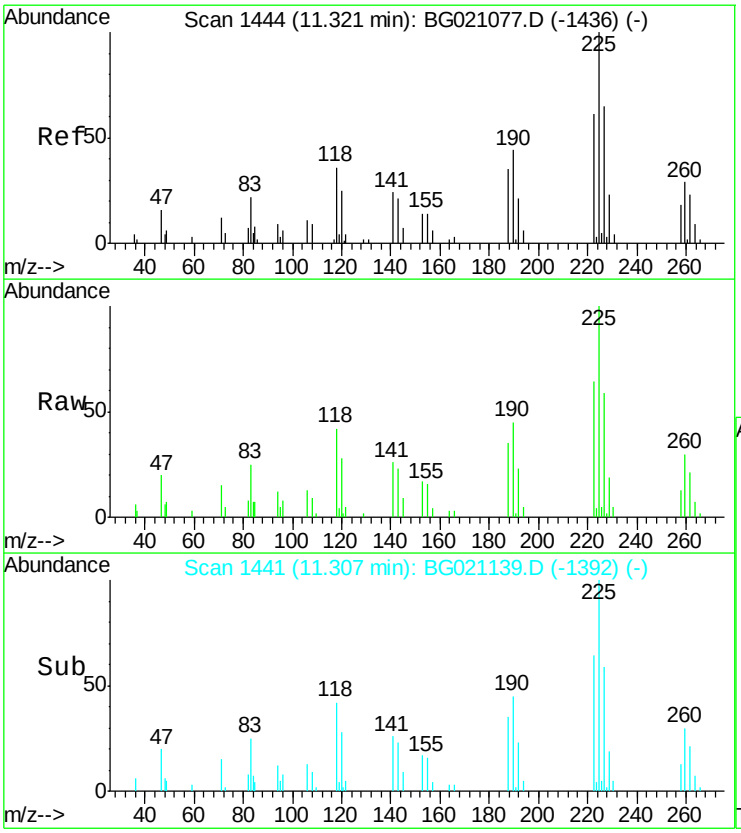
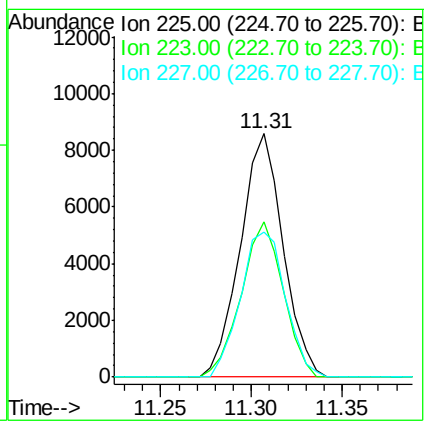
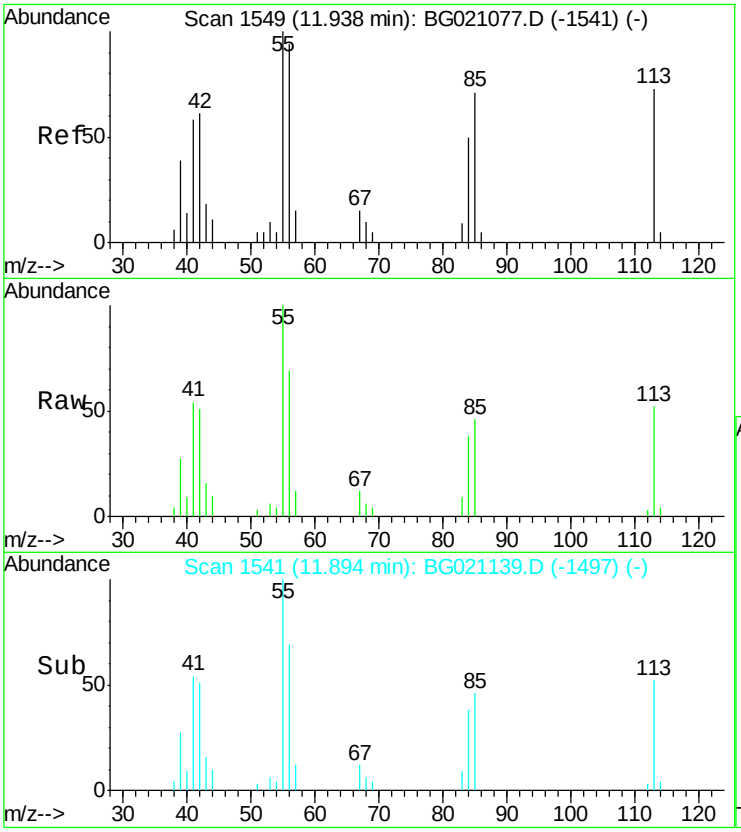



#34
Hexachlorobutadiene
Concen: 30.36 ng
RT: 11.31 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:225 Resp: 14127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.5 | 54.6 | 82.0 |
| 227 | 58.4 | 54.6 | 81.8 |

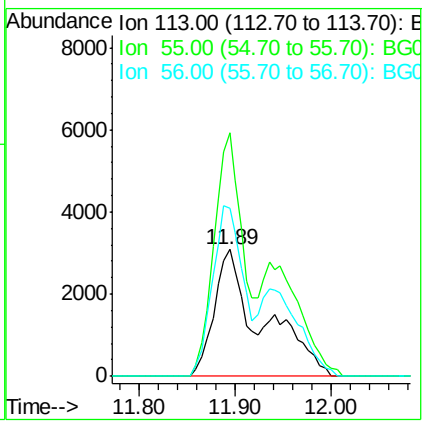





#35
Caprolactam
Concen: 51.23 ng m
RT: 11.89 min Scan# 1541
Delta R.T. -0.04 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:113 Resp: 10620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 191.7 | 155.2 | 195.2 |
| 56 | 132.0 | 94.0 | 134.0 |




**Instrument :**
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**ClientSampleId :**
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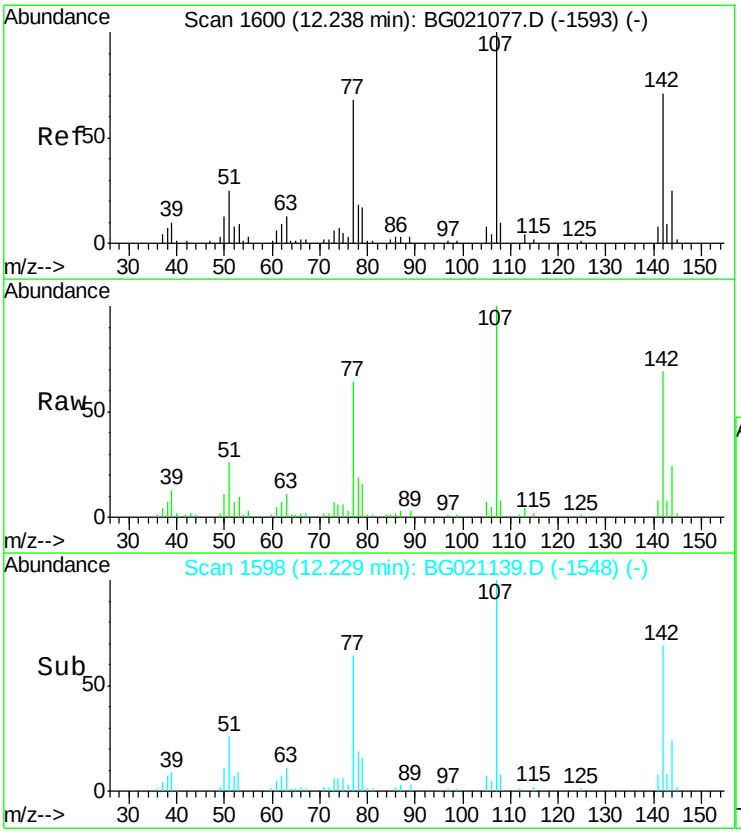
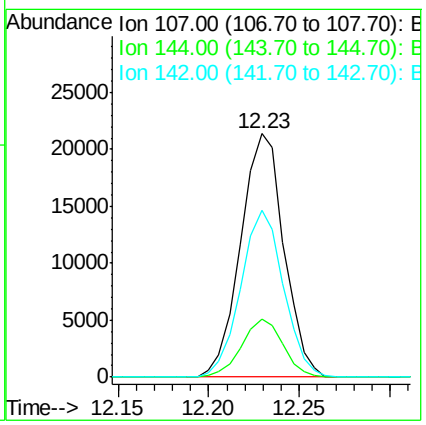
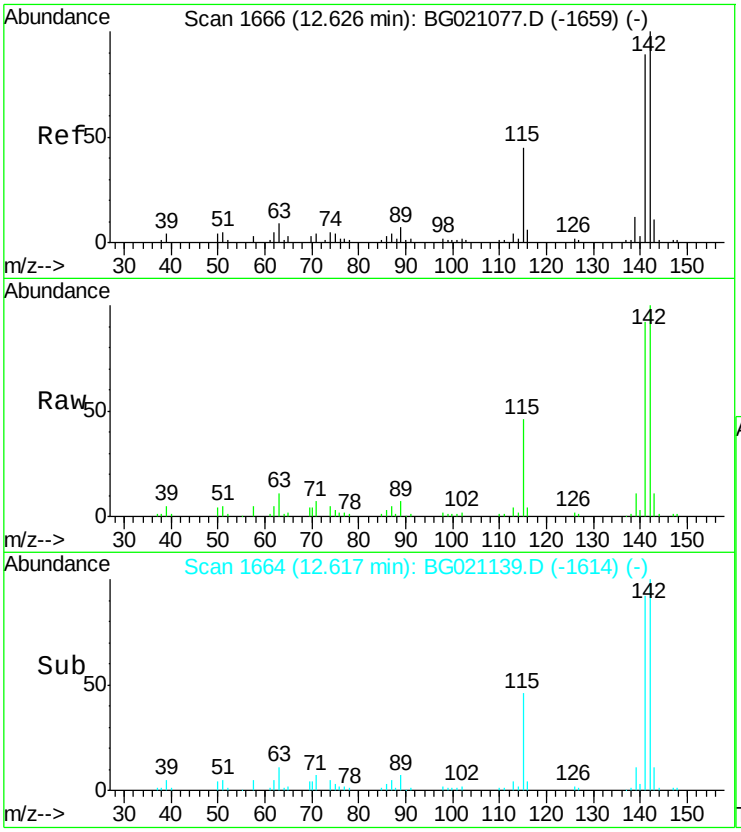



#36
4-Chloro-3-methylphenol
Concen: 47.06 ng
RT: 12.23 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:107 Resp: 35389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.9 | 21.8 | 32.8 |
| 142 | 68.6 | 65.6 | 98.4 |






#37
2-Methylnaphthalene
Concen: 41.72 ng
RT: 12.62 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:142 Resp: 58329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.5 | 71.7 | 107.5 |
| 115 | 45.8 | 26.2 | 39.4# |

**Instrument :**
BNA_G
**ClientSampleId :**
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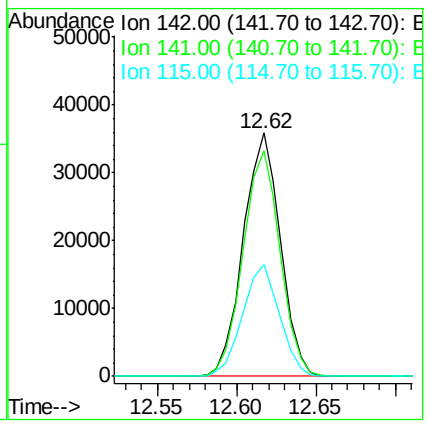
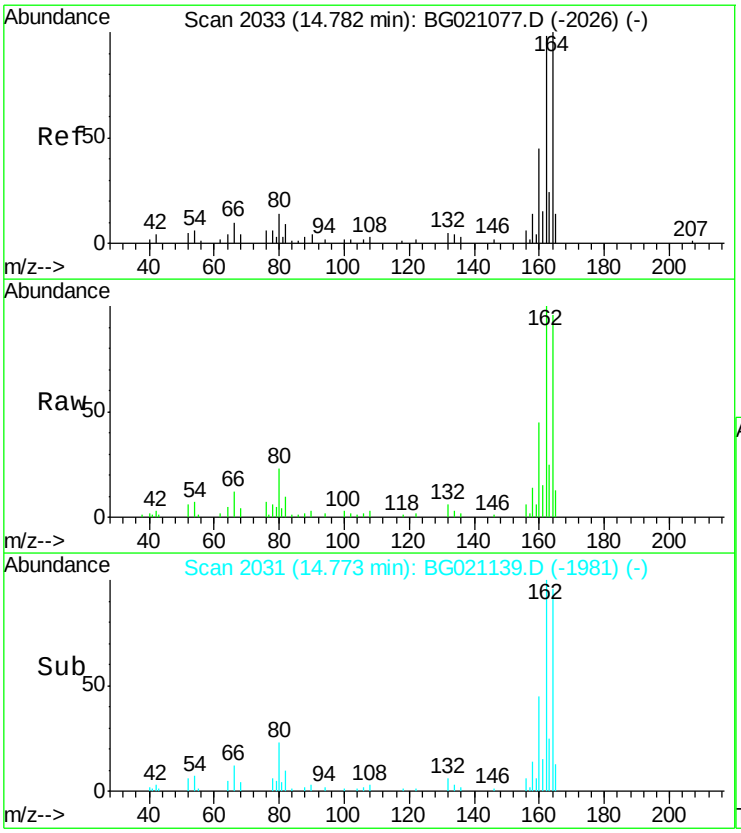
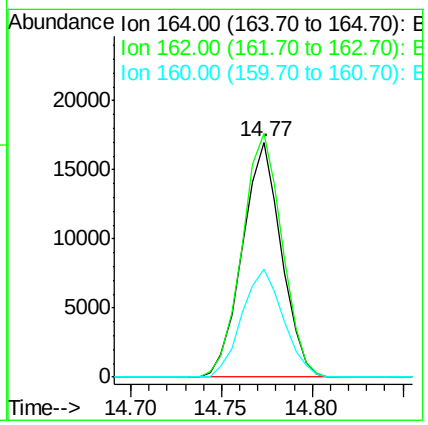


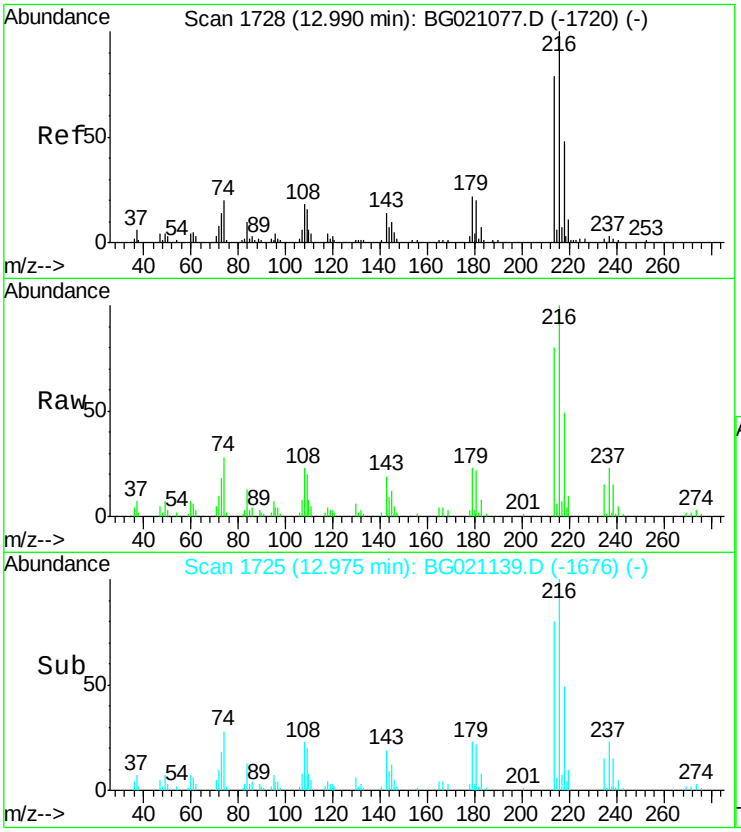




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:164 Resp: 25381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.7 | 80.6 | 120.8 |
| 160 | 46.2 | 36.5 | 54.7 |

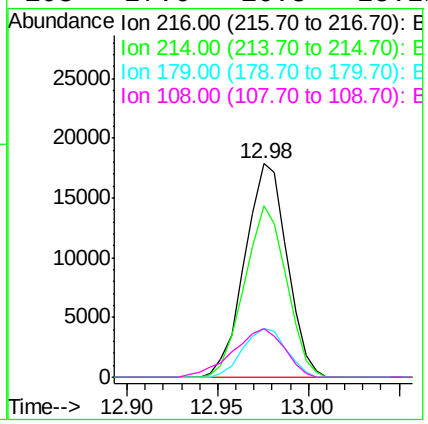





#39
1,2,4,5-Tetrachlorobenzene
Concen: 30.97 ng
RT: 12.98 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:216 Resp: 29048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.0 | 63.5 | 95.3 |
| 179 | 23.2 | 17.4 | 26.0 |
| 108 | 27.6 | 16.8 | 25.2# |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

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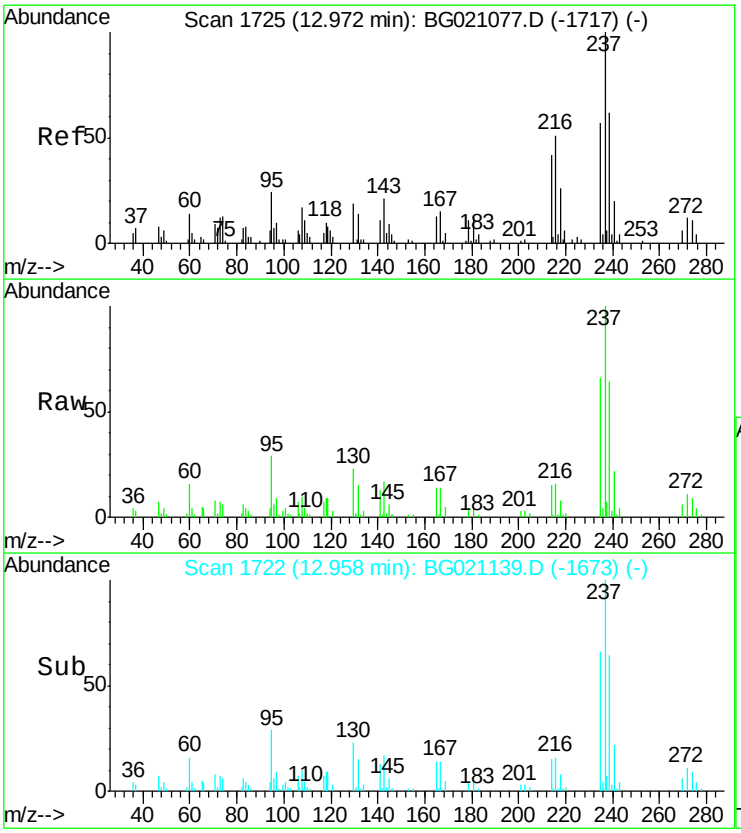
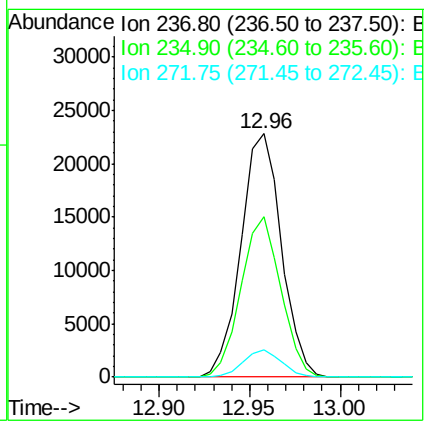
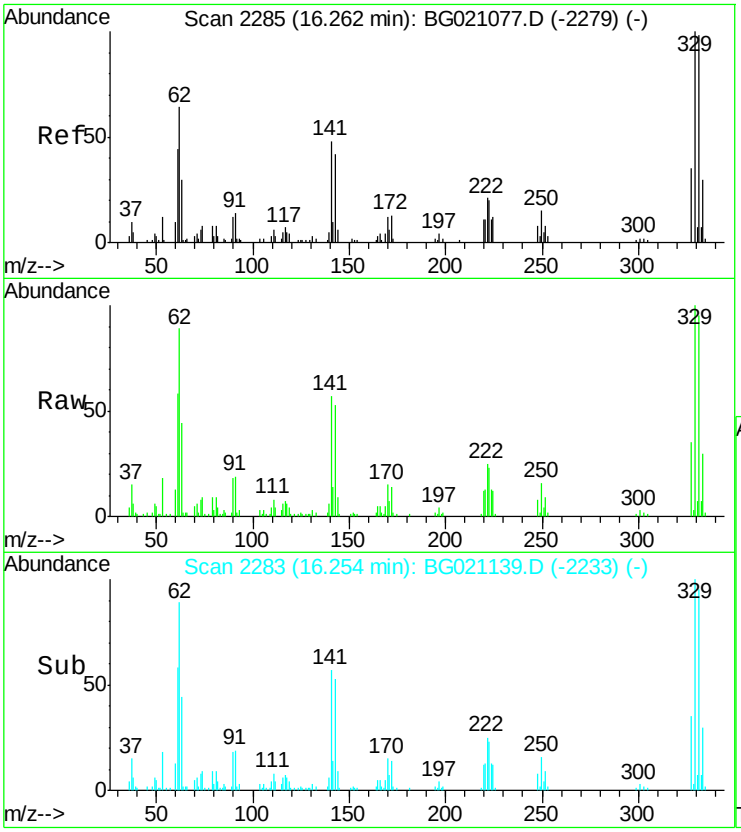



#40
Hexachlorocyclopentadiene
Concen: 57.44 ng
RT: 12.96 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:237 Resp: 35430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 65.9 | 42.9 | 82.9 |
| 272 | 11.1 | 0.0 | 32.3 |

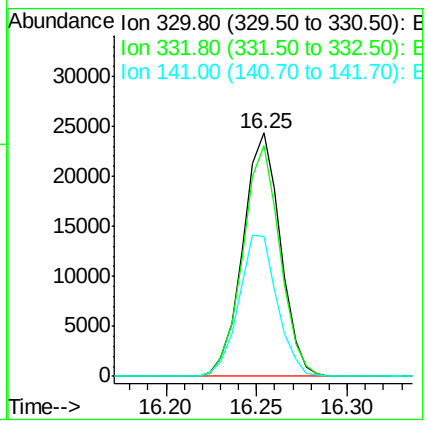





#41
2,4,6-Tribromophenol
Concen: 105.03 ng
RT: 16.25 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:330 Resp: 34952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.1 | 77.4 | 116.0 |
| 141 | 59.3 | 35.3 | 52.9# |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

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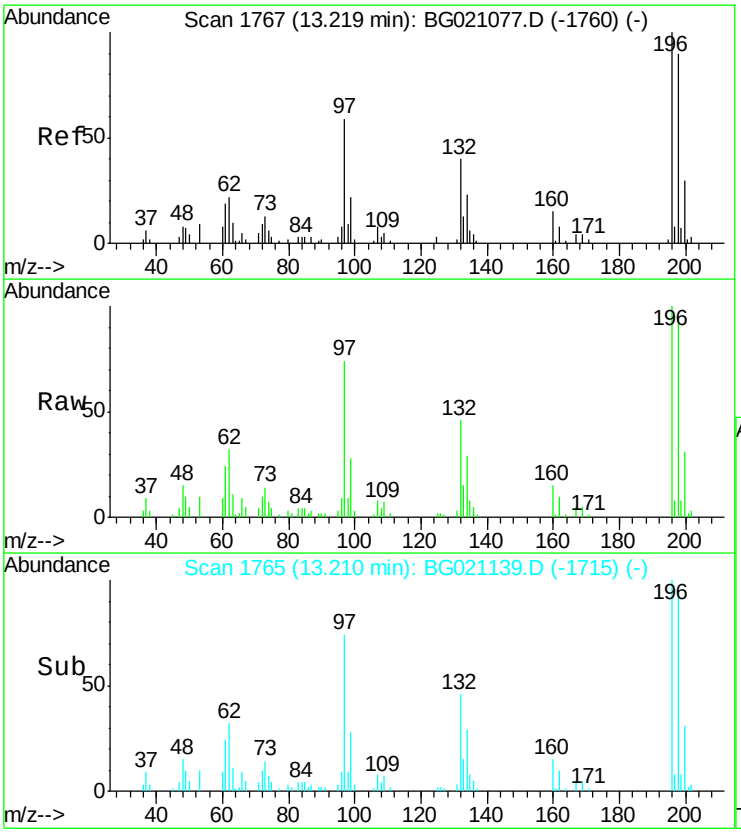
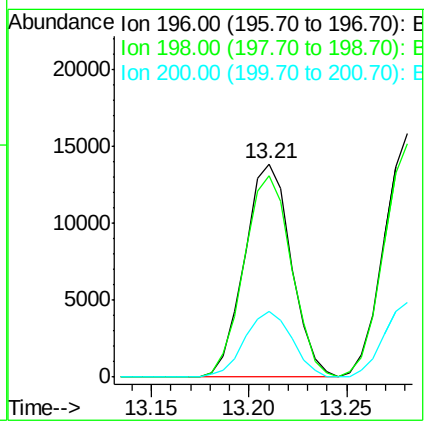
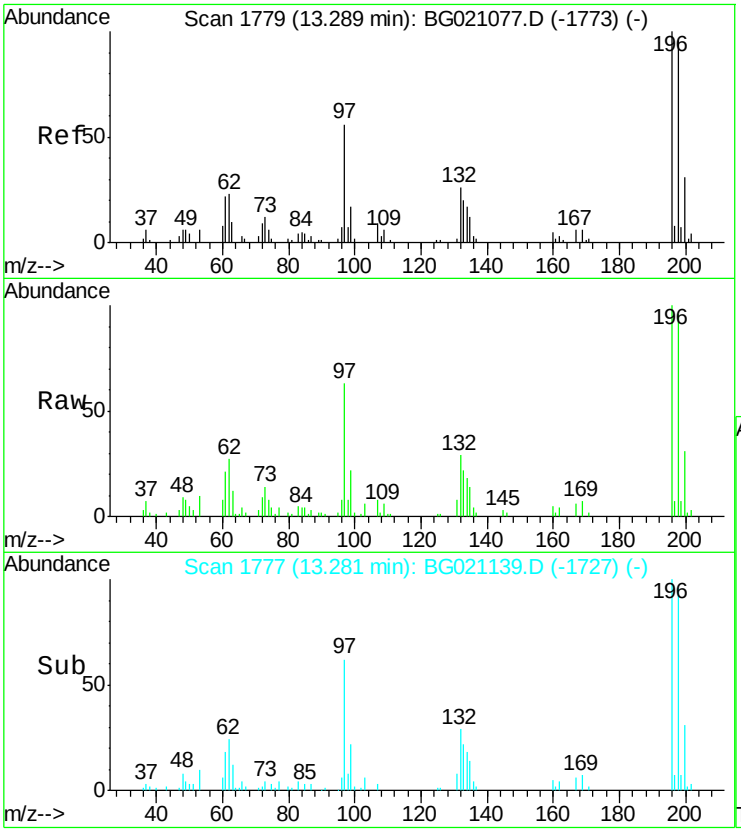



#42
2,4,6-Trichlorophenol
Concen: 39.07 ng
RT: 13.21 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:196 Resp: 22982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.5 | 75.8 | 113.8 |
| 200 | 30.9 | 23.8 | 35.8 |

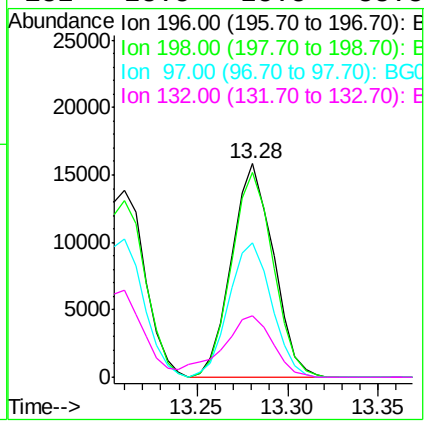





#43
2,4,5-Trichlorophenol
Concen: 42.30 ng
RT: 13.28 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:196 Resp: 25560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.1 | 80.2 | 120.4 |
| 97 | 63.0 | 42.9 | 64.3 |
| 132 | 28.5 | 25.5 | 38.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

**Manual Integrations APPROVED**
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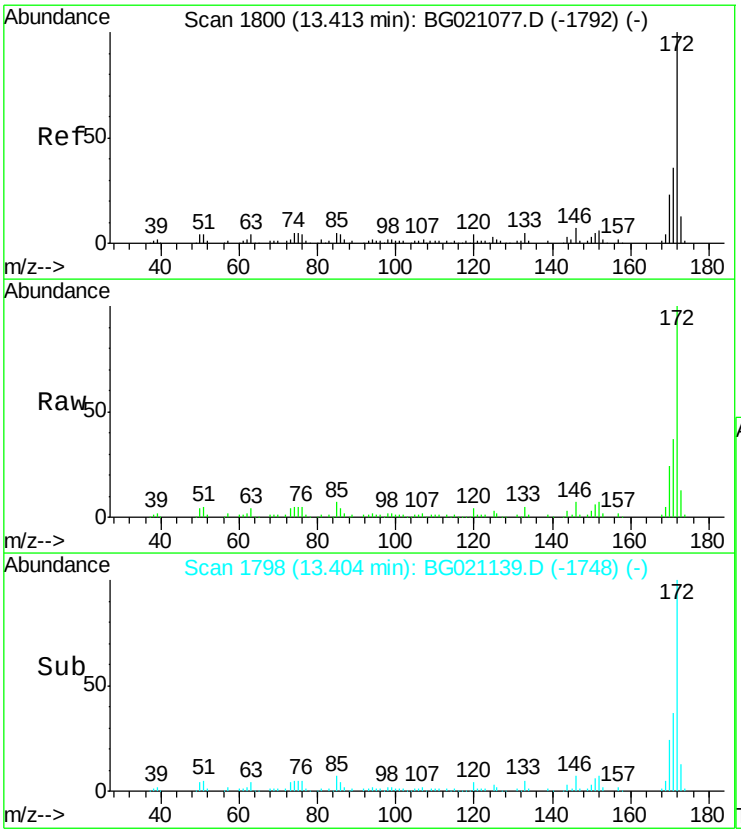
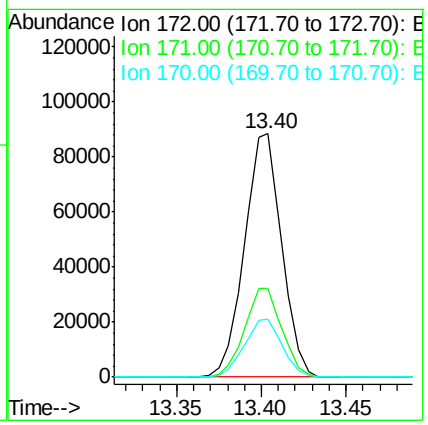
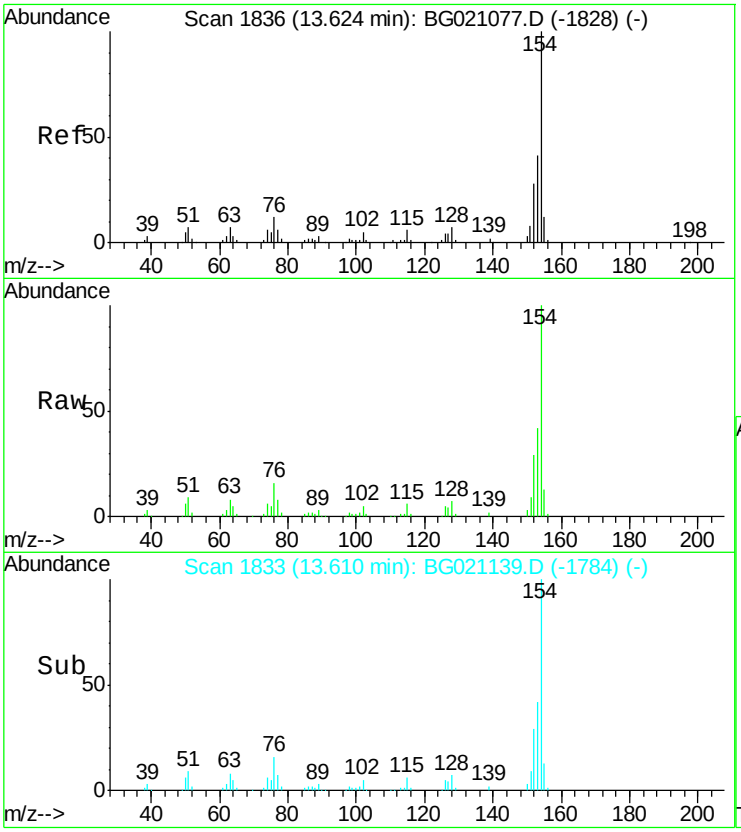



#44
2-Fluorobiphenyl
Concen: 68.01 ng
RT: 13.40 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:172 Resp: 134886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.5 | 29.4 | 44.0 |
| 170 | 24.1 | 19.8 | 29.8 |

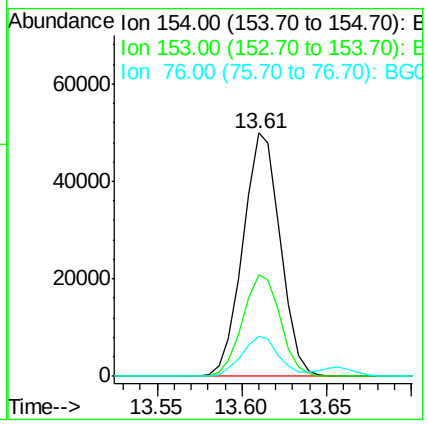





#45
1,1'-Biphenyl
Concen: 35.89 ng
RT: 13.61 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:154 Resp: 76712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 42.0 | 19.8 | 59.8 |
| 76 | 16.2 | 0.0 | 33.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

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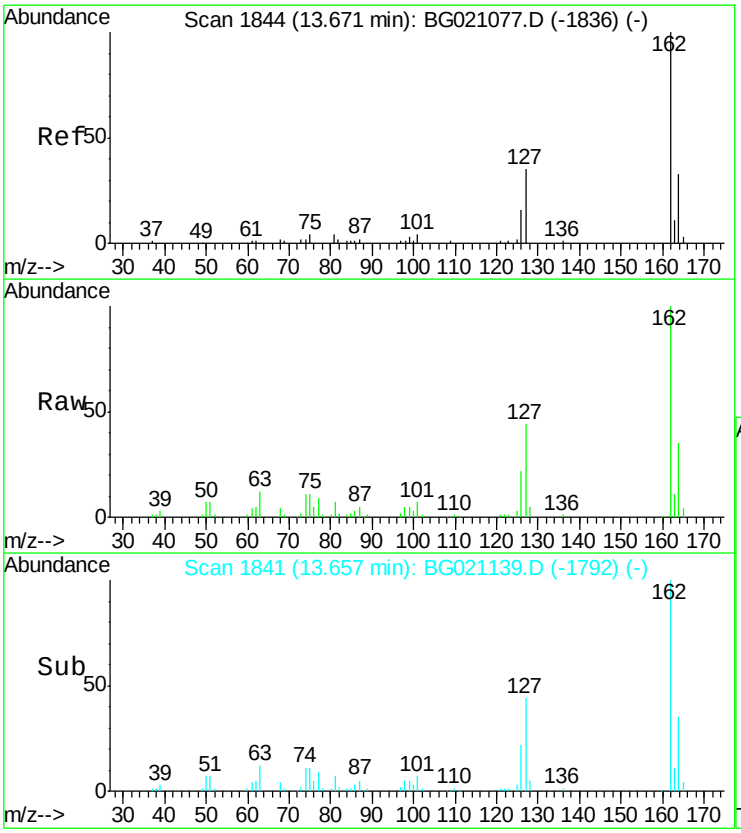
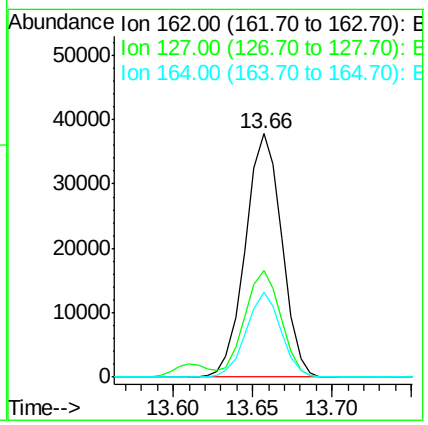
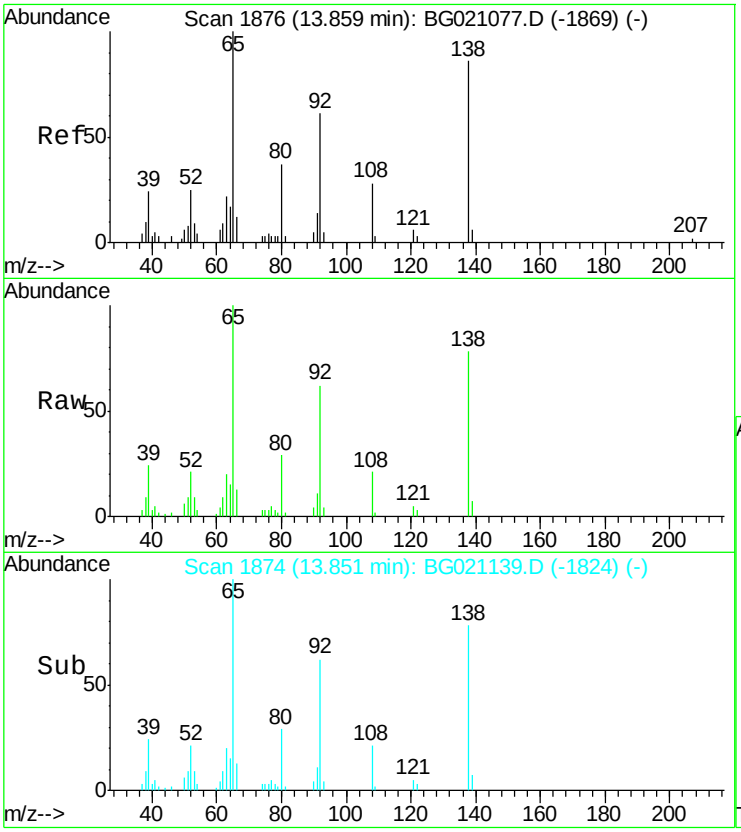



#46
2-Chloronaphthalene
Concen: 37.17 ng
RT: 13.66 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:162 Resp: 60278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 43.9 | 31.8 | 47.8 |
| 164 | 34.8 | 26.3 | 39.5 |






#47
2-Nitroaniline
Concen: 55.35 ng
RT: 13.85 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion: 65 Resp: 29085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 61.6 | 54.6 | 82.0 |
| 138 | 78.1 | 94.9 | 142.3# |

**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

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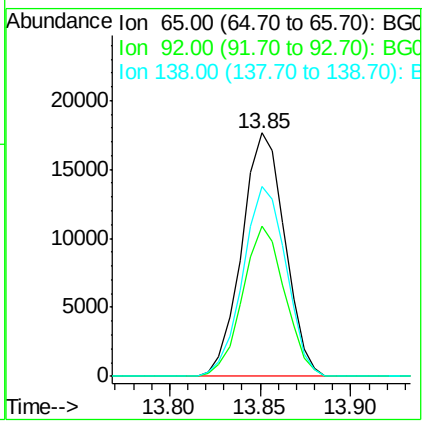
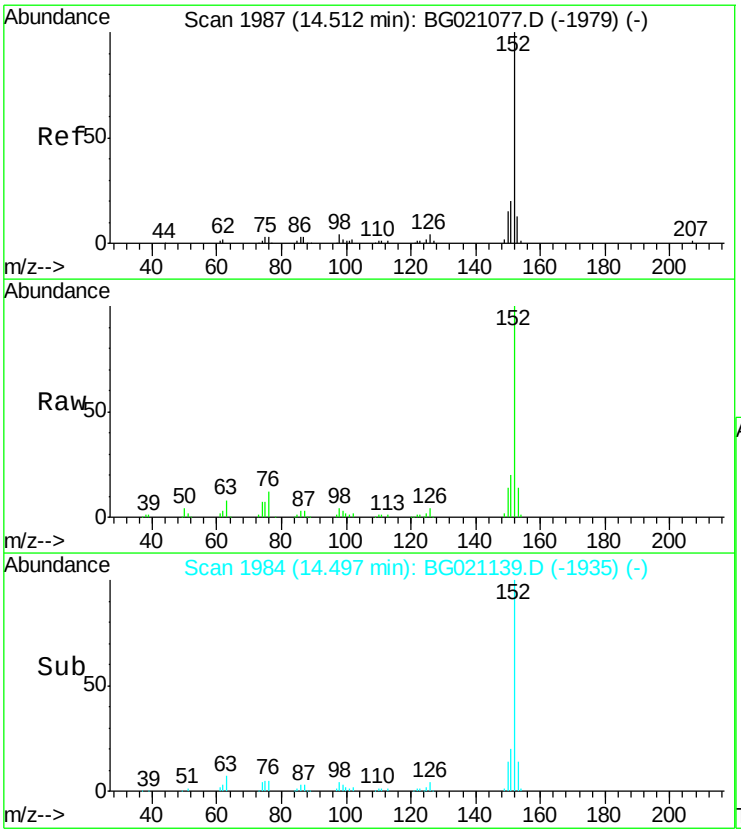
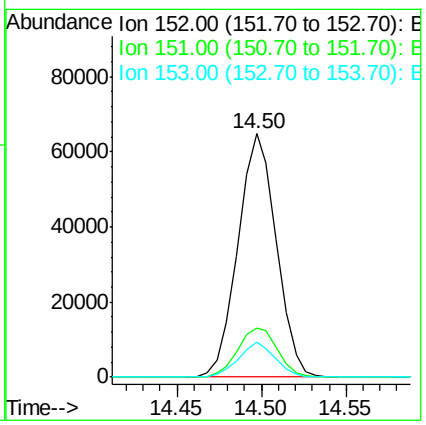


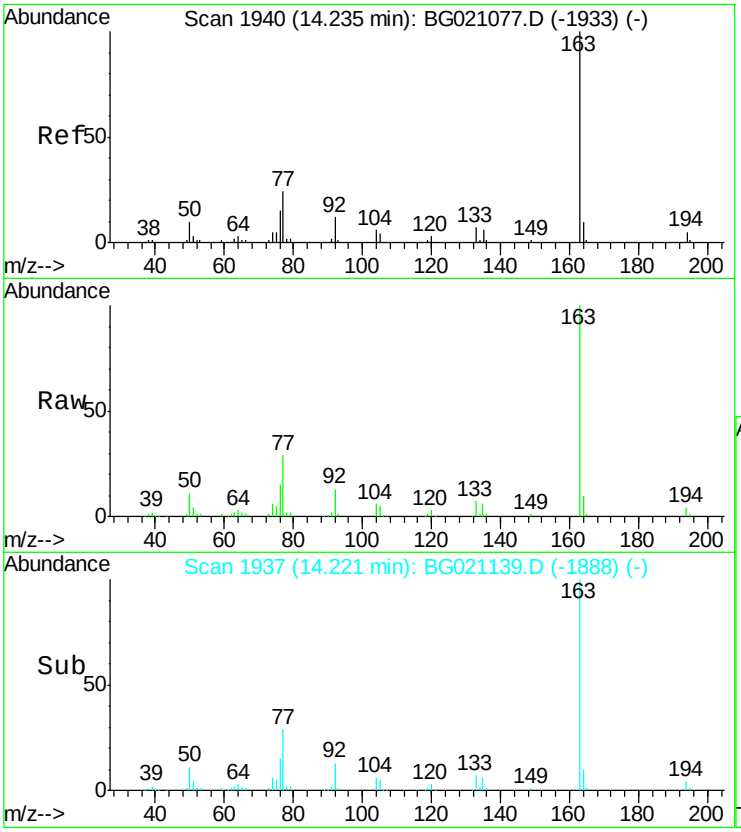




#48
Acenaphthylene
Concen: 39.78 ng
RT: 14.50 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:152 Resp: 102068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 15.9 | 23.9 |
| 153 | 14.2 | 10.2 | 15.2 |






#49
Dimethylphthalate
Concen: 52.00 ng
RT: 14.22 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:163 Resp: 113749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 2.8 | 4.2# |
| 164 | 9.9 | 7.9 | 11.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
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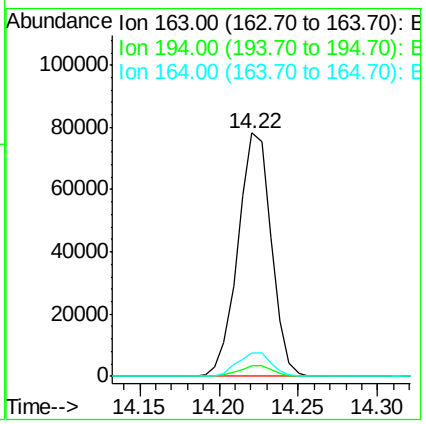
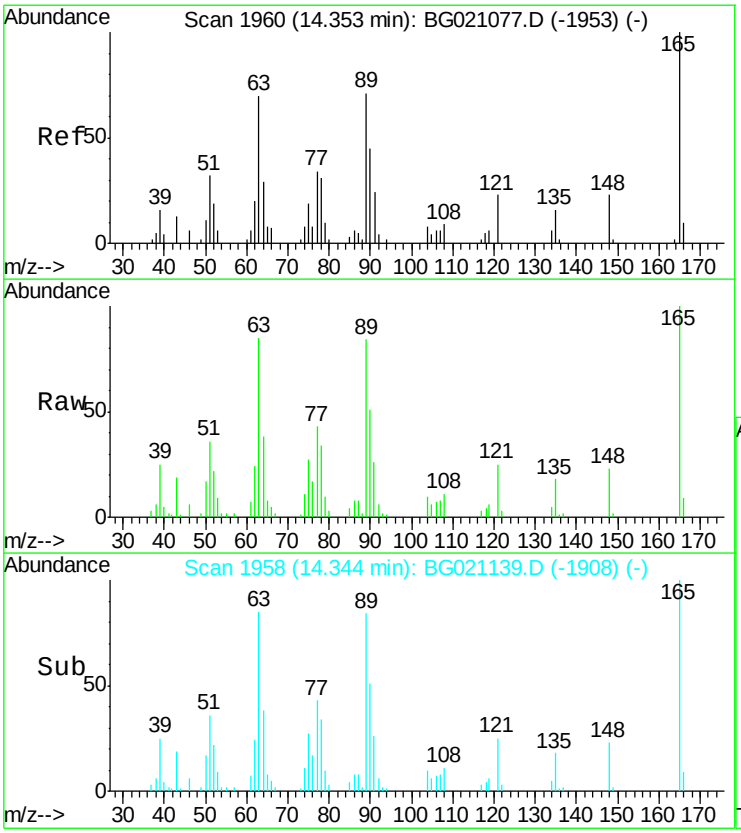
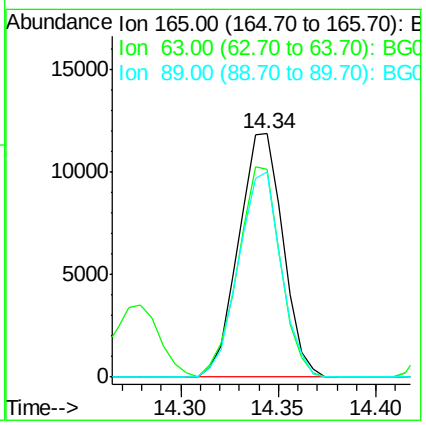


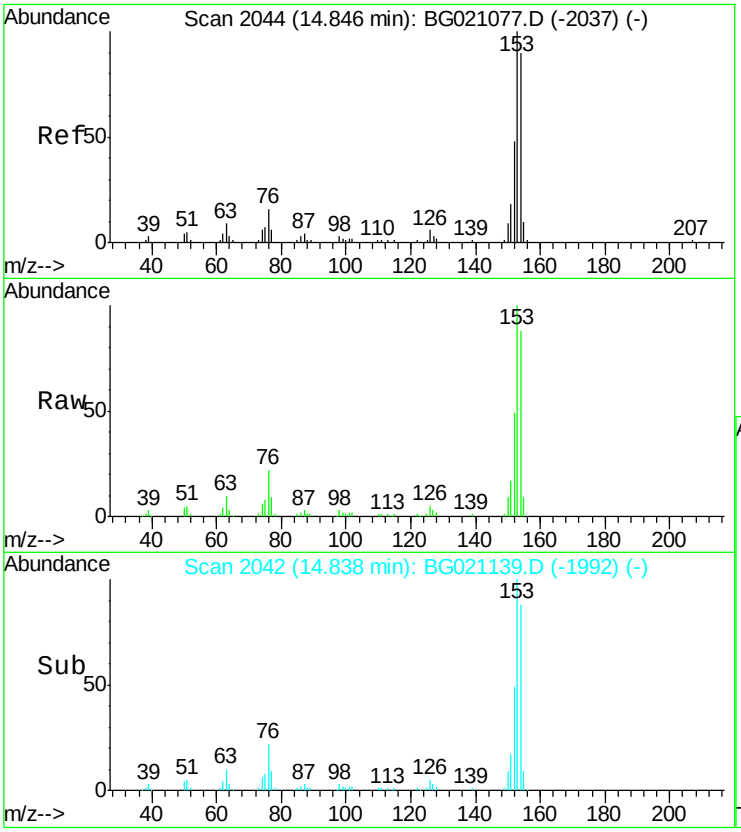




#50
2,6-Dinitrotoluene
Concen: 41.50 ng
RT: 14.34 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:165 Resp: 18675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 85.4 | 42.1 | 63.1# |
| 89 | 84.1 | 46.1 | 69.1# |

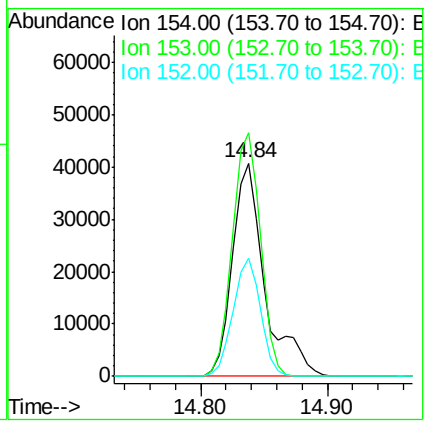





#51
Acenaphthene
Concen: 41.23 ng
RT: 14.84 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:154 Resp: 72157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.2 | 94.2 | 141.2 |
| 152 | 55.5 | 42.9 | 64.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
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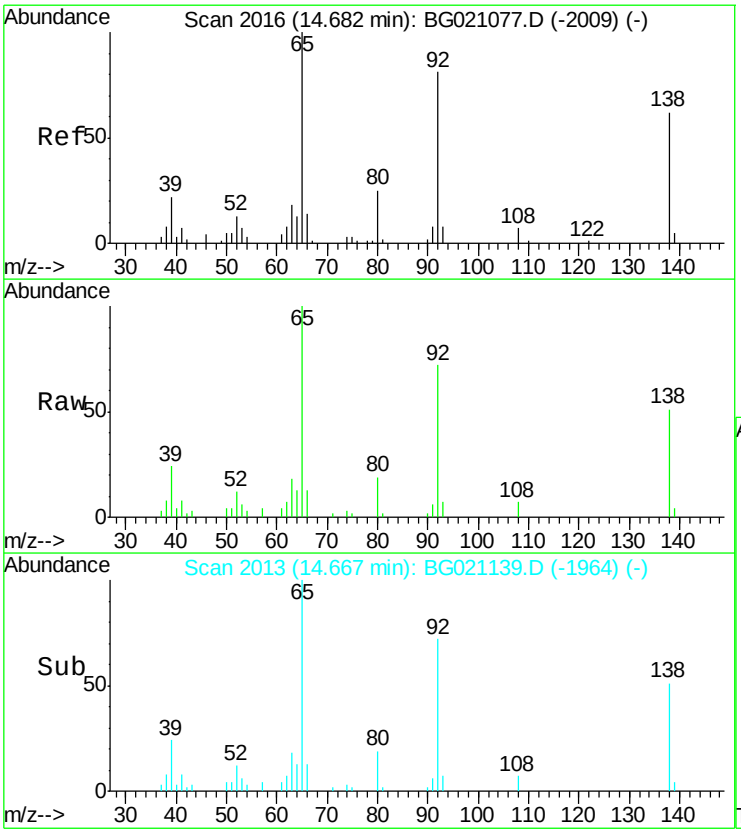
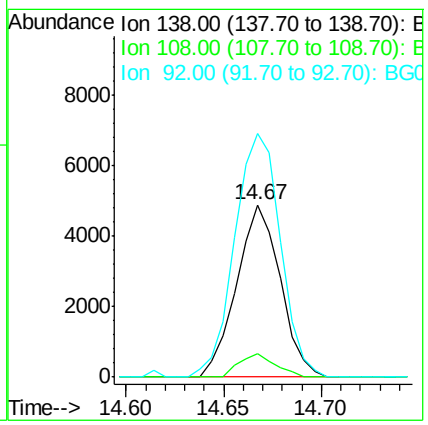
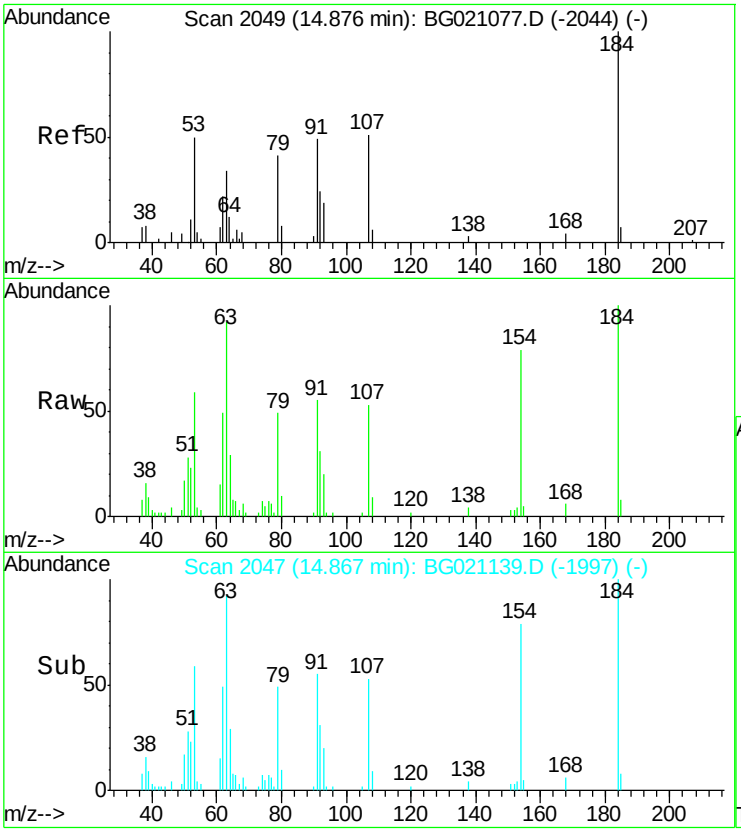



#52
3-Nitroaniline
Concen: 17.22 ng
RT: 14.67 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:138 Resp: 7541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 13.6 | 5.8 | 8.6# |
| 92 | 141.2 | 83.6 | 125.4# |






#53
2,4-Dinitrophenol
Concen: 49.59 ng
RT: 14.87 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:184 Resp: 15559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 92.0 | 57.0 | 85.6# |
| 154 | 78.7 | 51.3 | 76.9# |

**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

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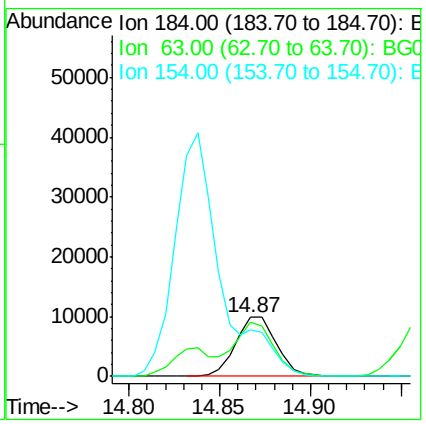
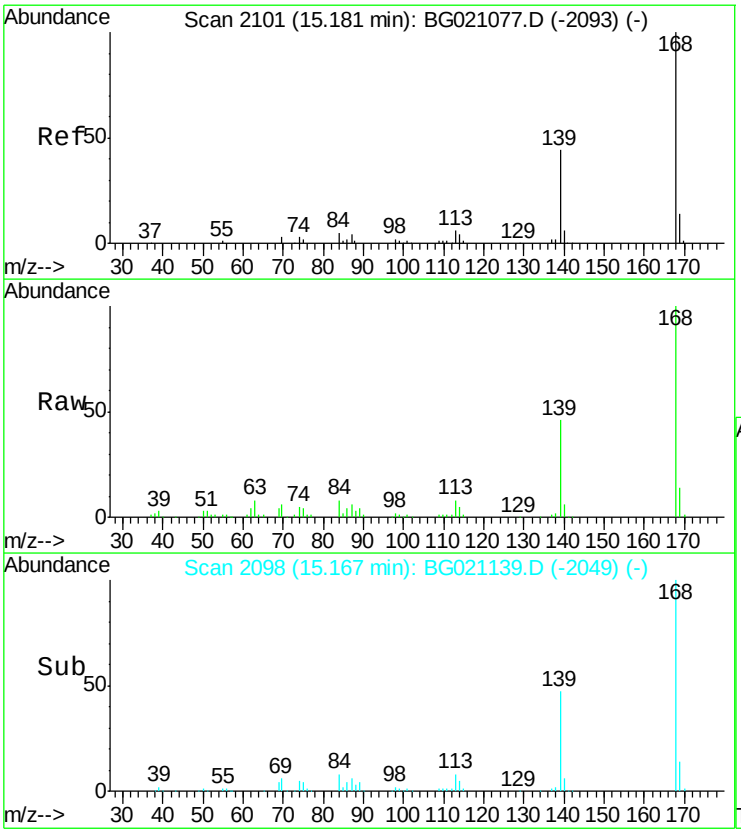
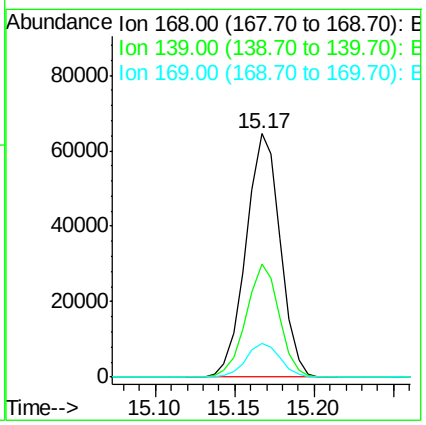


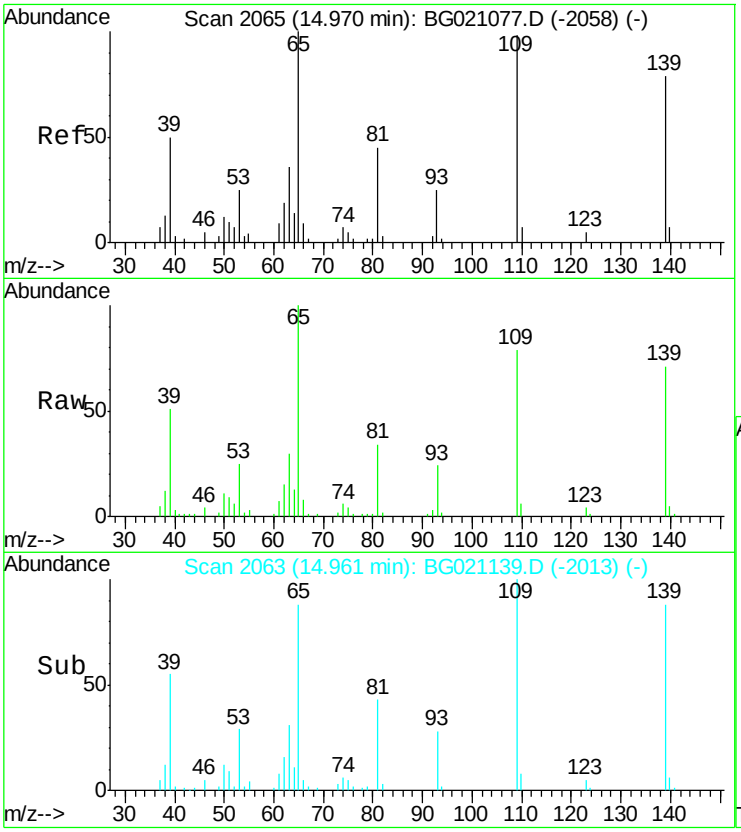




#54
Dibenzofuran
Concen: 43.66 ng
RT: 15.17 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:168 Resp: 96799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 46.4 | 29.8 | 44.8# |
| 169 | 13.7 | 11.4 | 17.2 |

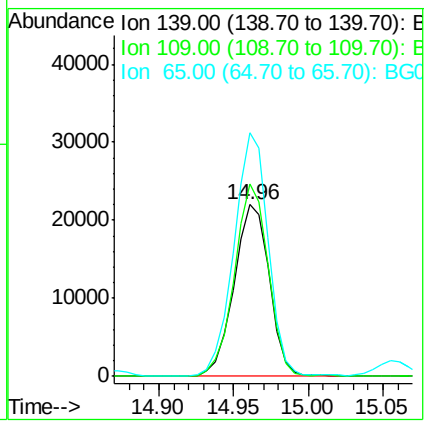





#55
4-Nitrophenol
Concen: 93.11 ng
RT: 14.96 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:139 Resp: 36165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 112.0 | 54.1 | 94.1# |
| 65 | 141.7 | 73.4 | 113.4# |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

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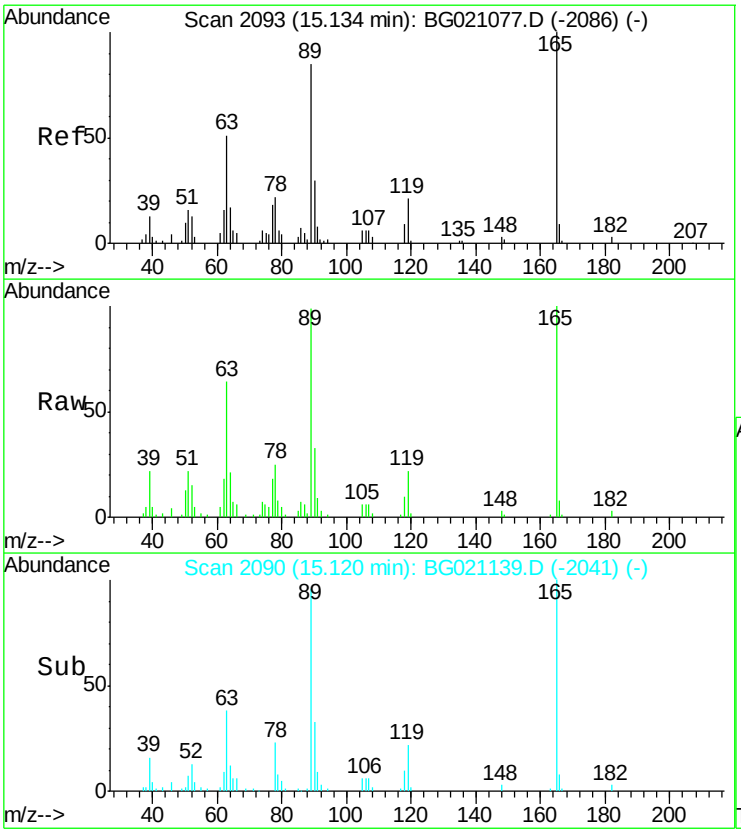
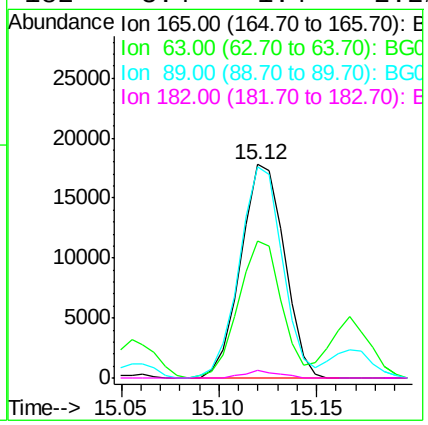
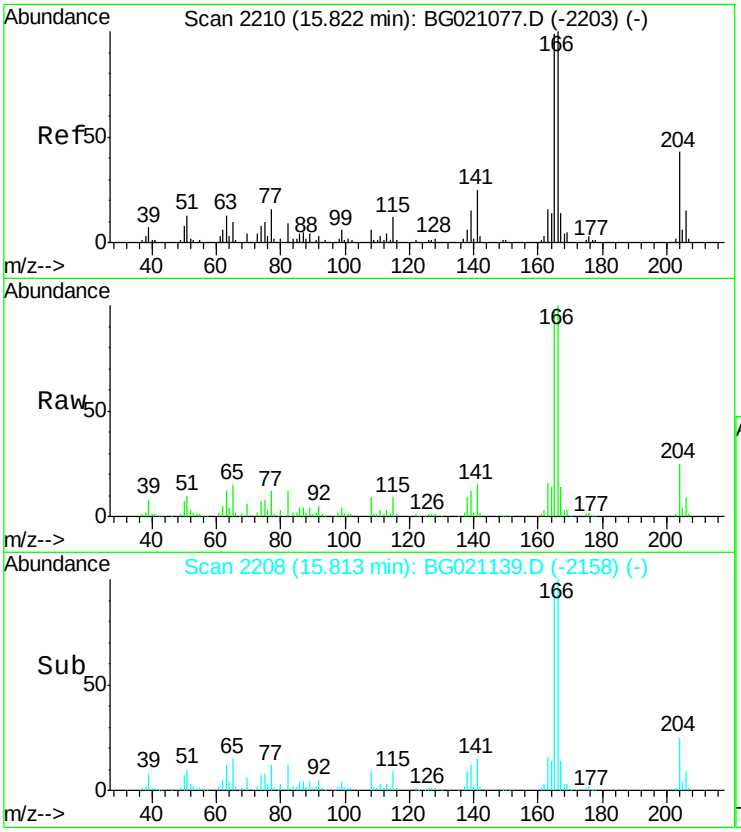



#56
2,4-Dinitrotoluene
Concen: 42.67 ng
RT: 15.12 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:165 Resp: 27535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 64.0 | 34.1 | 51.1# |
| 89 | 99.0 | 63.0 | 94.4# |
| 182 | 3.4 | 1.4 | 2.2# |

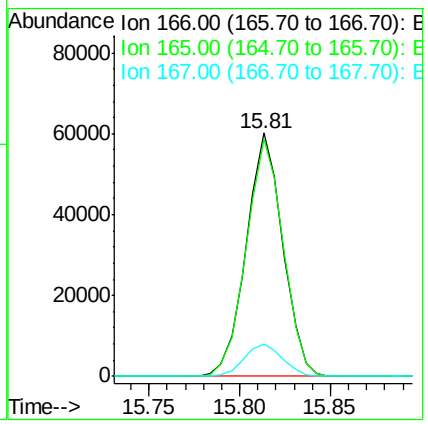





#57
Fluorene
Concen: 38.94 ng
RT: 15.81 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:166 Resp: 83996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.3 | 81.3 | 121.9 |
| 167 | 13.5 | 10.6 | 16.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

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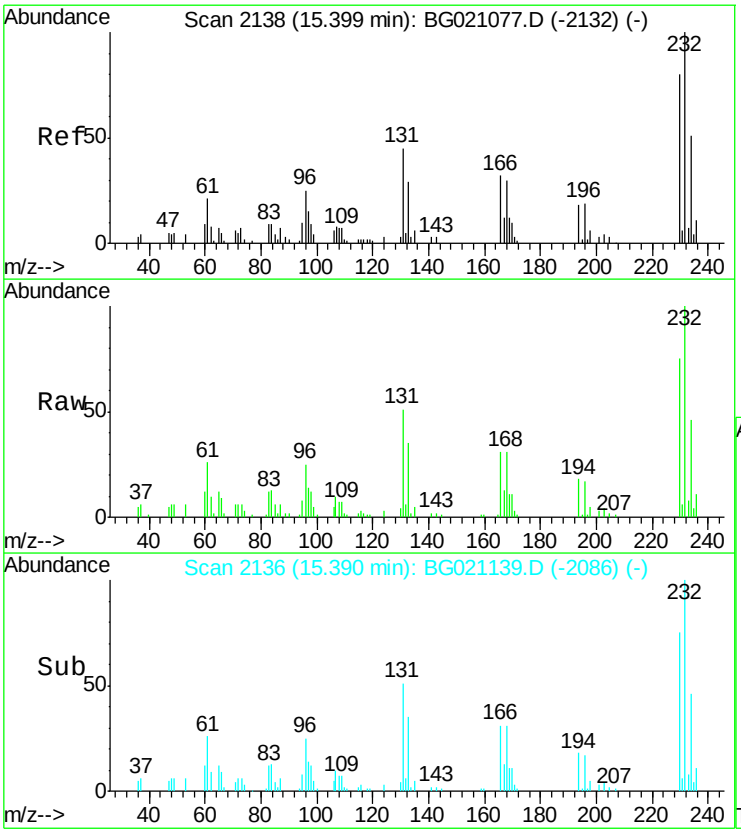
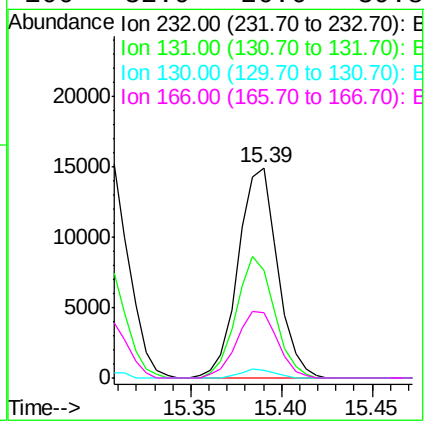
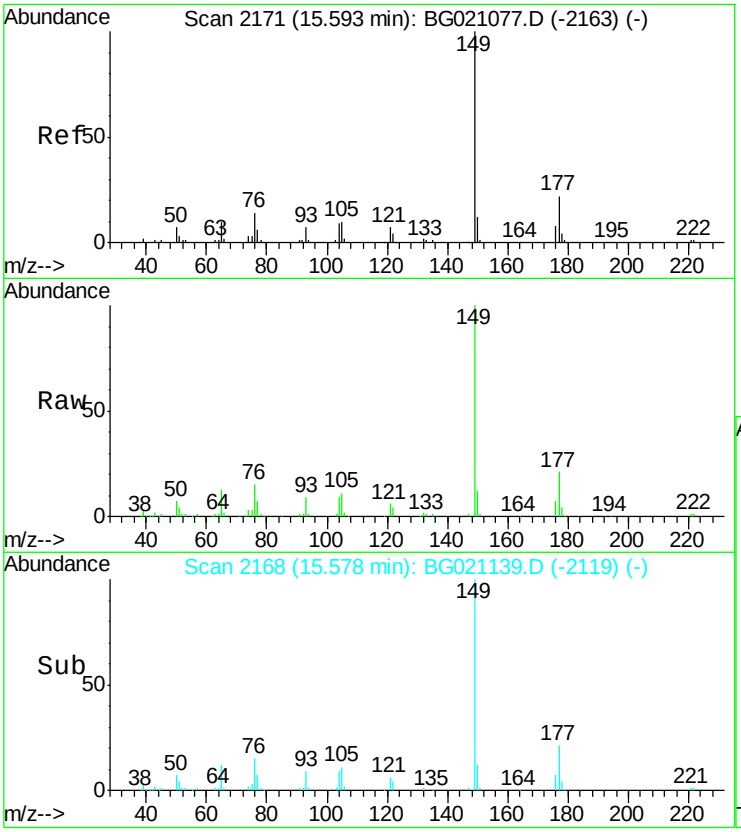



#58
2,3,4,6-Tetrachlorophenol
Concen: 42.88 ng
RT: 15.39 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:232 Resp: 22524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 56.1 | 41.4 | 62.2 |
| 130 | 3.6 | 1.8 | 2.8# |
| 166 | 32.9 | 26.6 | 39.8 |

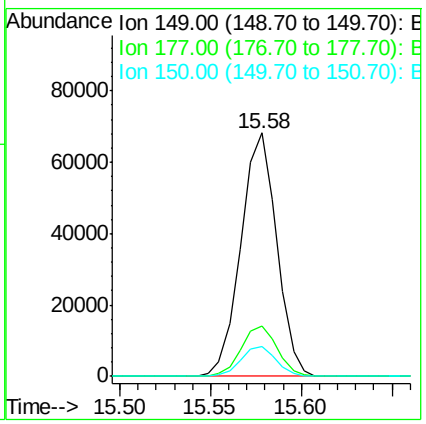





#59
Diethylphthalate
Concen: 40.67 ng
RT: 15.58 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:149 Resp: 93766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 20.9 | 15.8 | 23.8 |
| 150 | 12.2 | 10.1 | 15.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

**Manual Integrations APPROVED**
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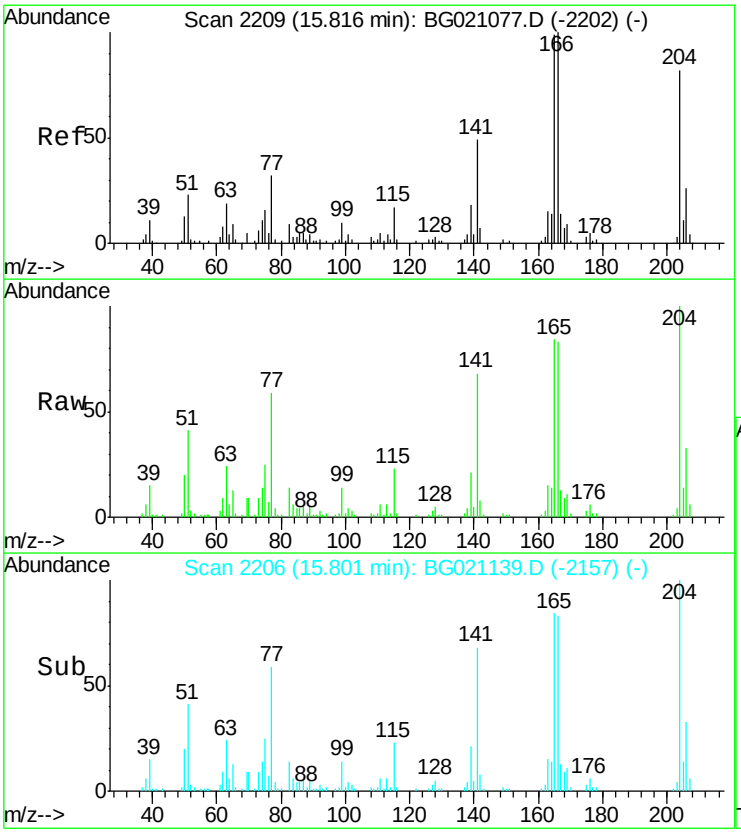
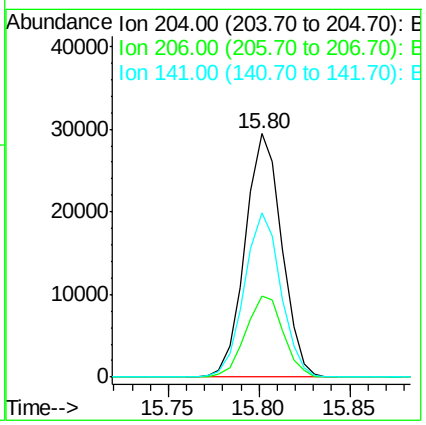
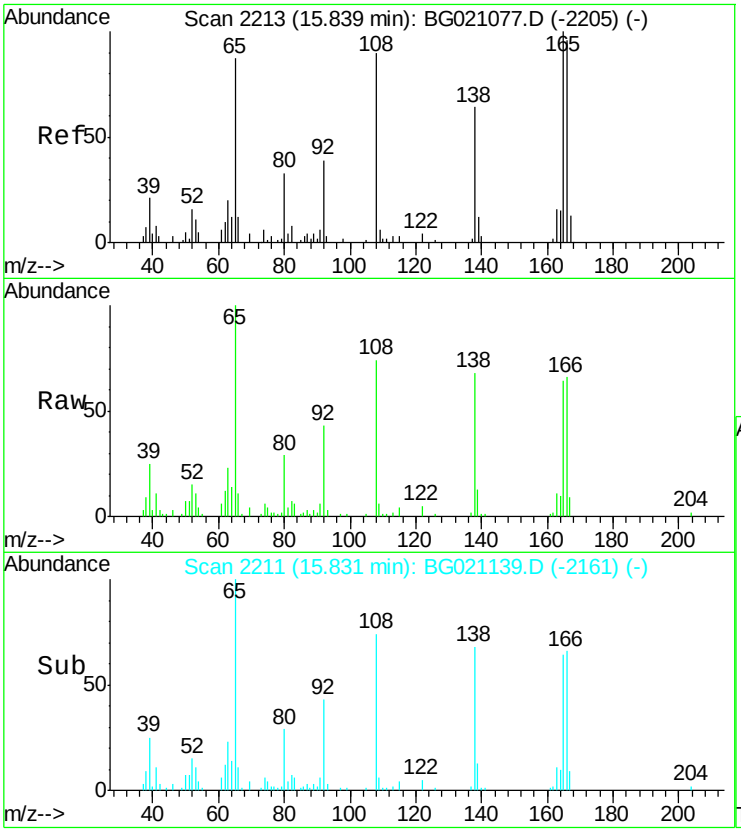



#60
4-Chlorophenyl-phenylether
Concen: 34.86 ng
RT: 15.80 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:204 Resp: 41360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.4 | 26.9 | 40.3 |
| 141 | 67.7 | 50.8 | 76.2 |






#61
4-Nitroaniline
Concen: 43.61 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:138 Resp: 21743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 63.3 | 28.0 | 68.0 |
| 108 | 109.6 | 52.6 | 92.6# |

**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

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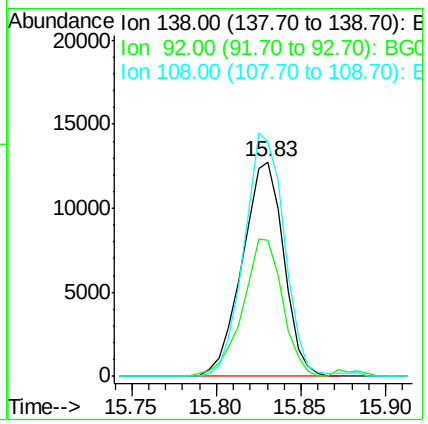
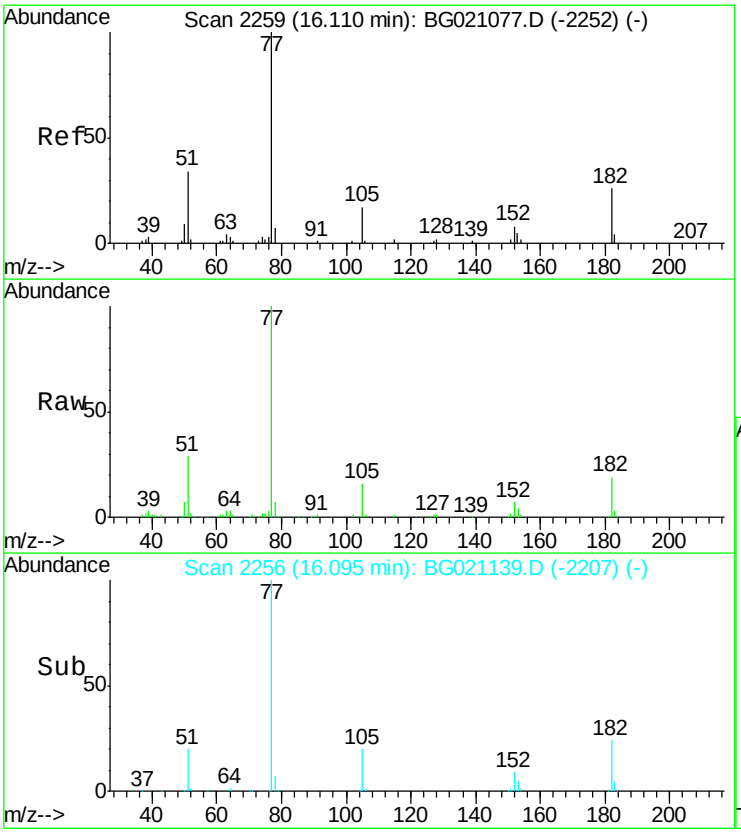
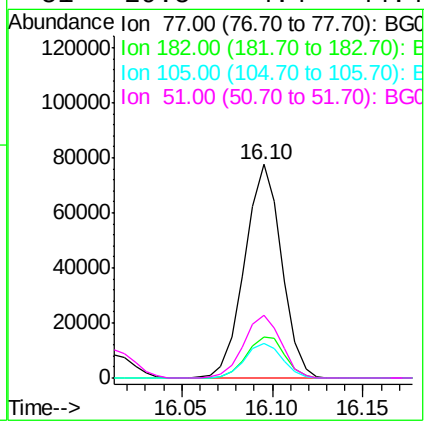


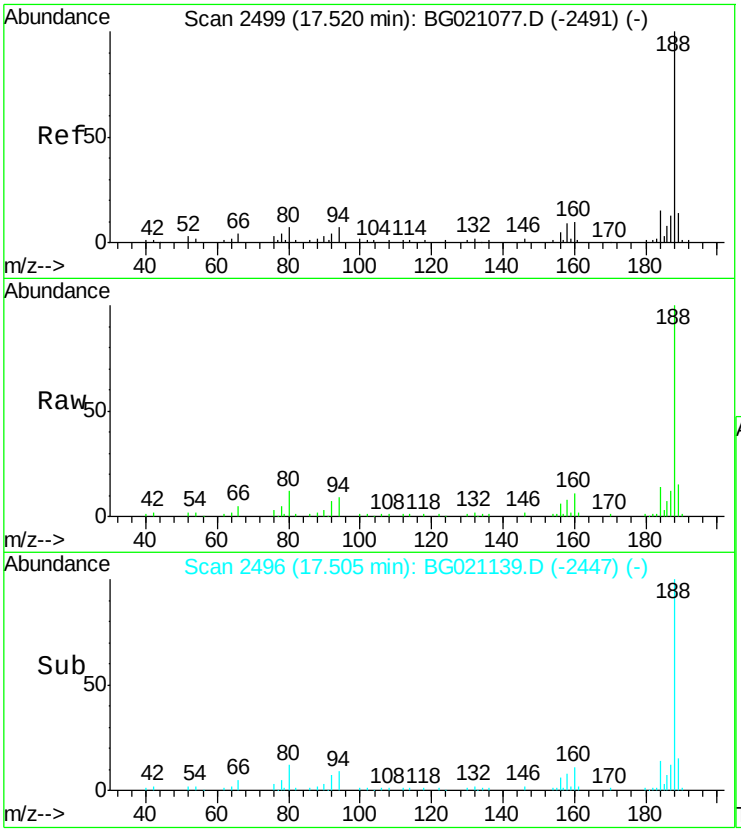




#62
Azobenzene
Concen: 55.27 ng
RT: 16.10 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion: 77 Resp: 110400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 19.4 | 0.7 | 40.7 |
| 105 | 16.1 | 0.0 | 38.3 |
| 51 | 29.5 | 4.4 | 44.4 |

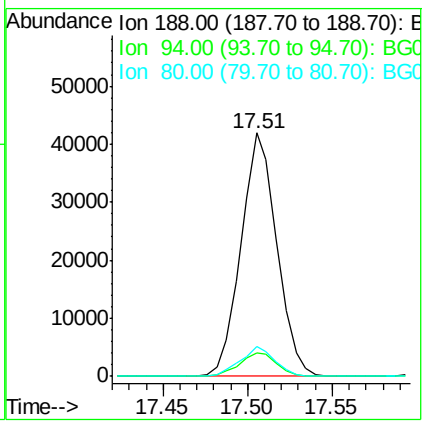





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:188 Resp: 61862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.4 | 8.2 | 12.4 |
| 80 | 12.5 | 9.2 | 13.8 |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

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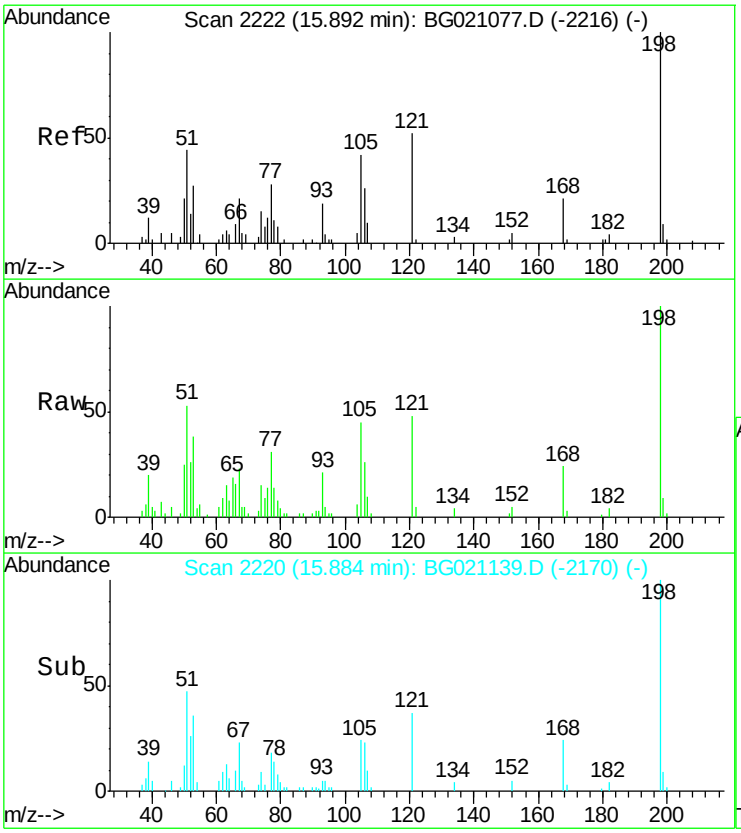
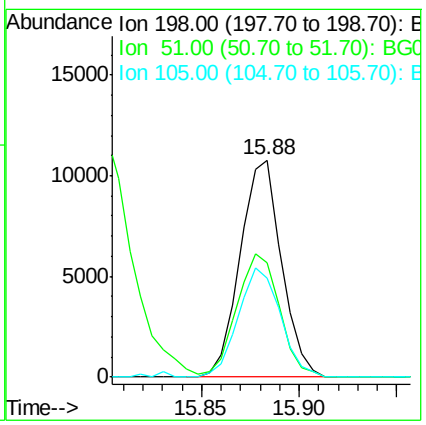
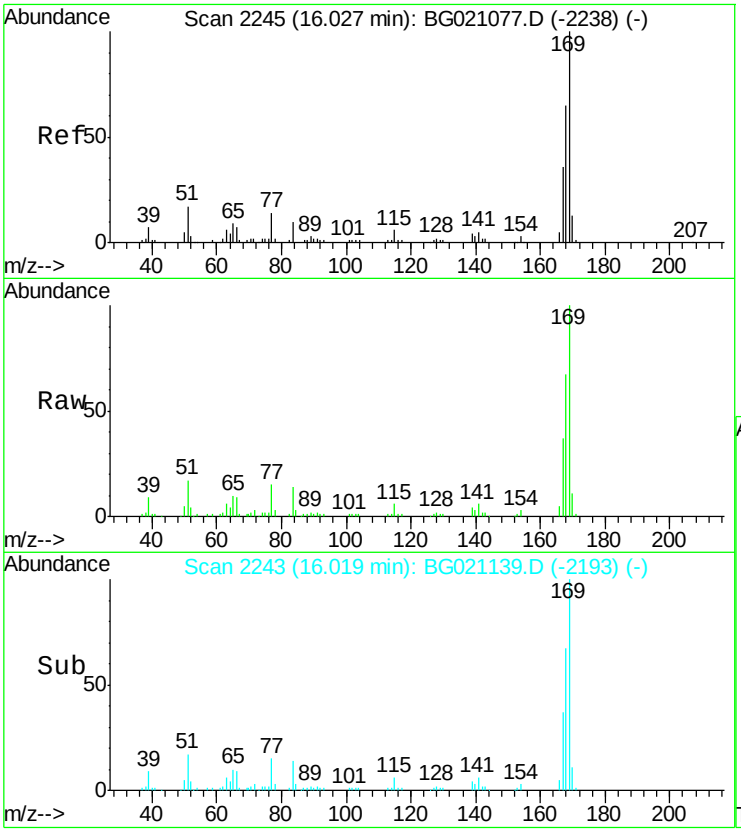



#64
4,6-Dinitro-2-methylphenol
Concen: 34.81 ng
RT: 15.88 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:198 Resp: 15797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 52.8 | 30.4 | 70.4 |
| 105 | 45.4 | 32.8 | 72.8 |

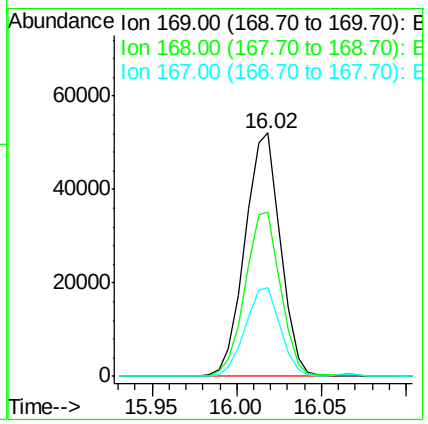





#65
n-Nitrosodiphenylamine
Concen: 41.70 ng
RT: 16.02 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:169 Resp: 76108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.4 | 58.2 | 87.2 |
| 167 | 36.6 | 31.0 | 46.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

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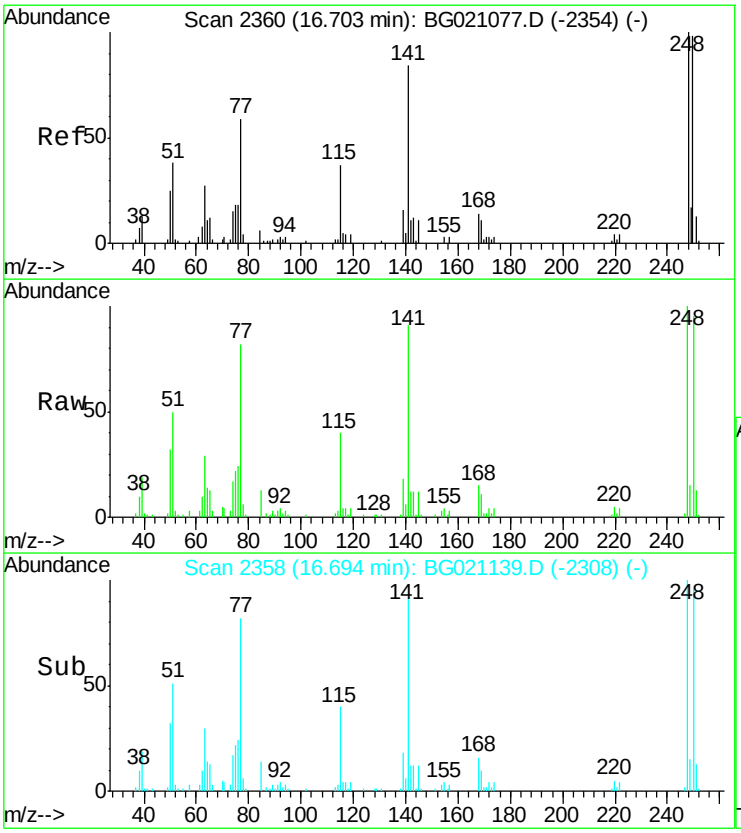
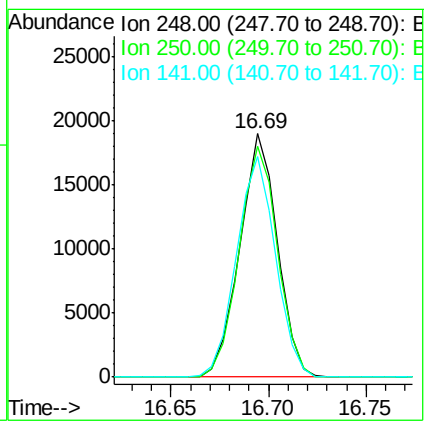
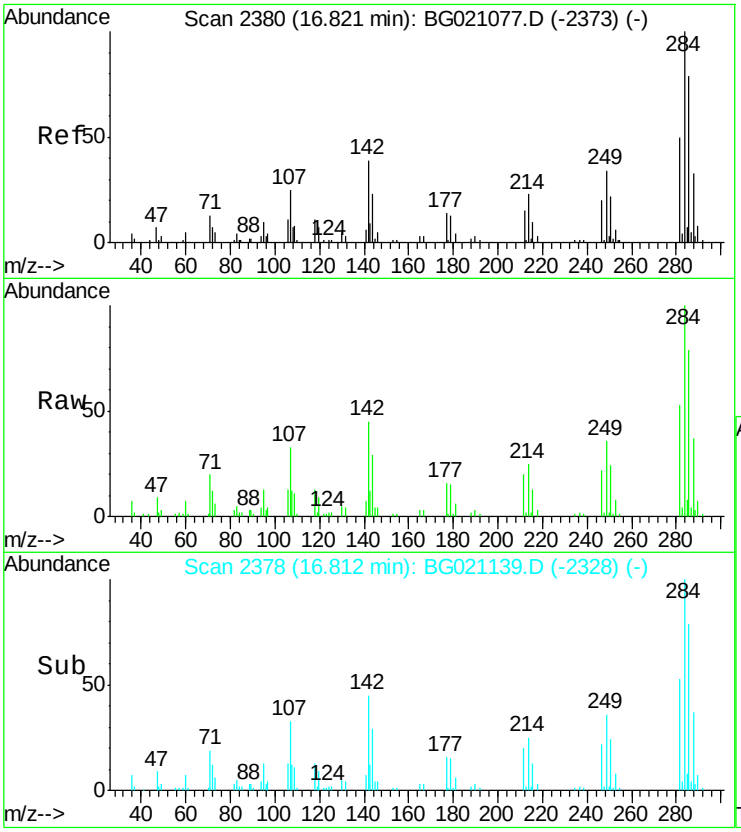



#66
4-Bromophenyl-phenylether
Concen: 34.68 ng
RT: 16.69 min Scan# 2358
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:248 Resp: 25259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 94.7 | 76.4 | 114.6 |
| 141 | 90.7 | 57.4 | 86.0# |

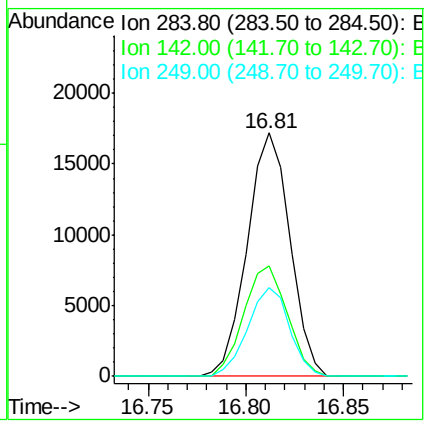





#67
Hexachlorobenzene
Concen: 33.86 ng
RT: 16.81 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:284 Resp: 26015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 45.4 | 32.1 | 48.1 |
| 249 | 38.7 | 24.0 | 36.0# |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

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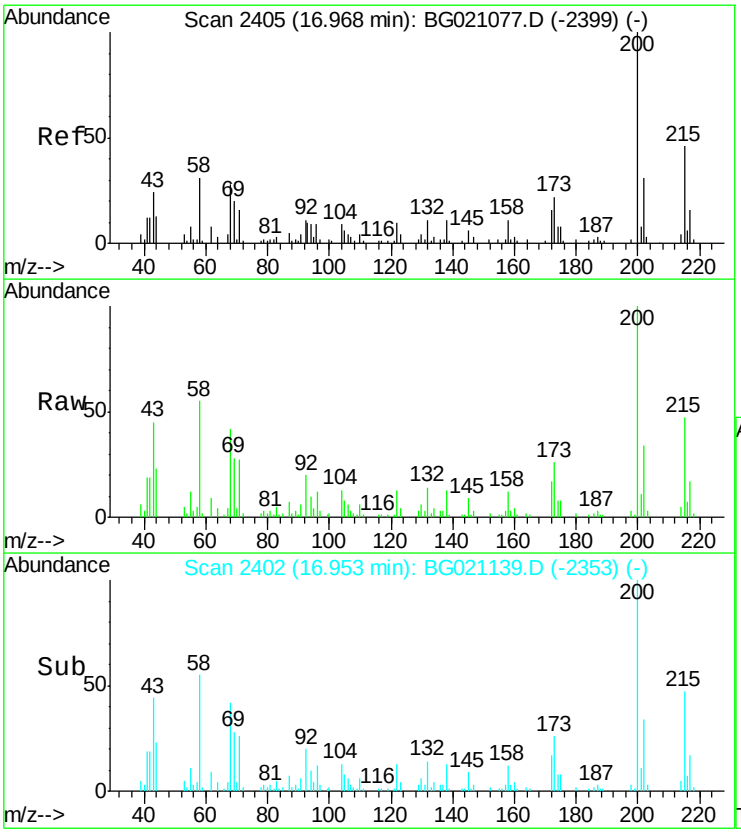
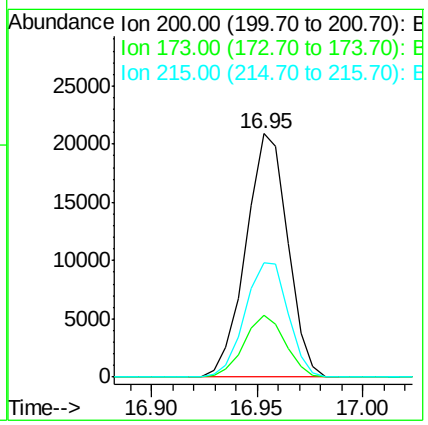
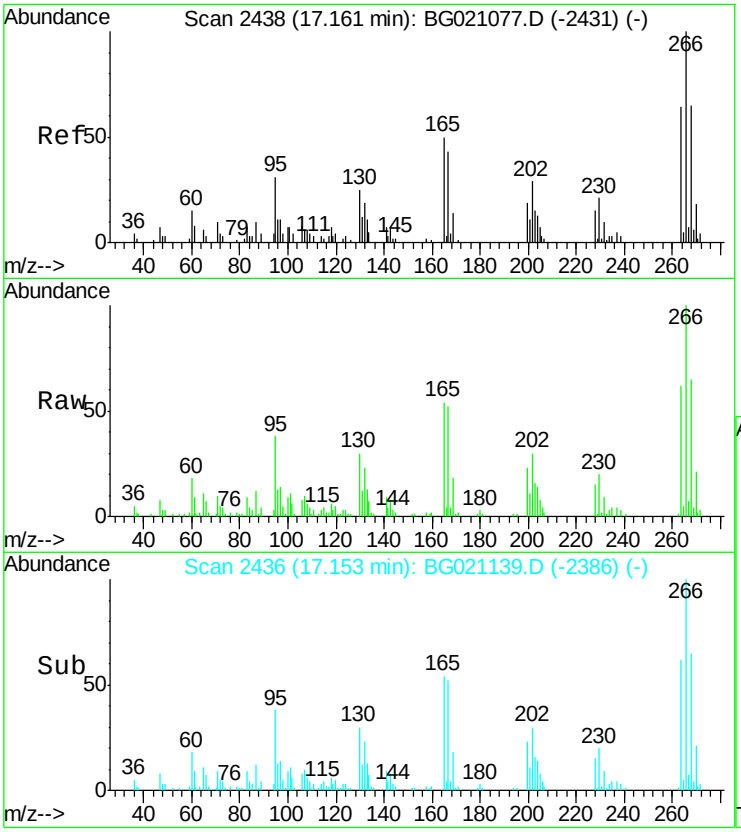



#68
Atrazine
Concen: 42.50 ng
RT: 16.95 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:200 Resp: 28739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.7 | 3.9 | 43.9 |
| 215 | 46.9 | 29.0 | 69.0 |

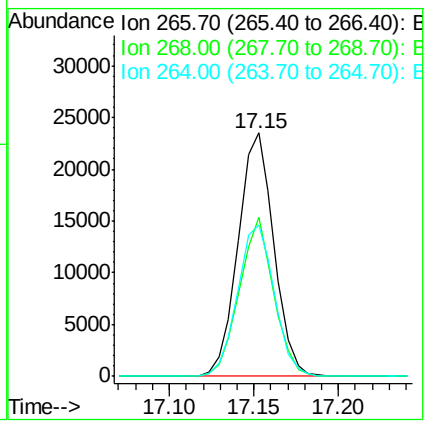





#69
Pentachlorophenol
Concen: 66.64 ng
RT: 17.15 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:266 Resp: 34568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 69.3 | 51.0 | 76.6 |
| 264 | 67.3 | 47.8 | 71.8 |




**Instrument :**
BNA_G
**ClientSampleId :**
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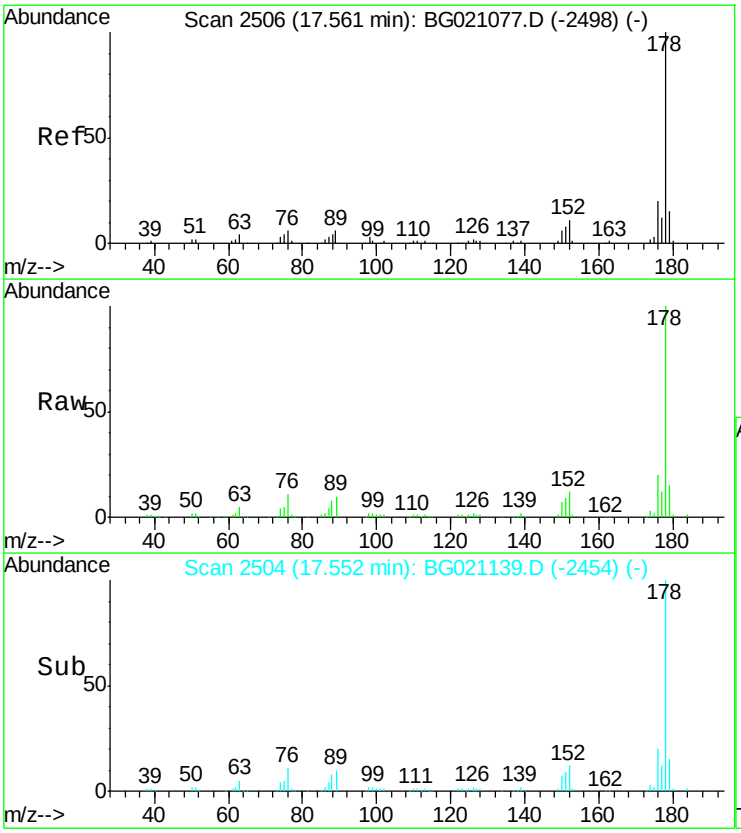
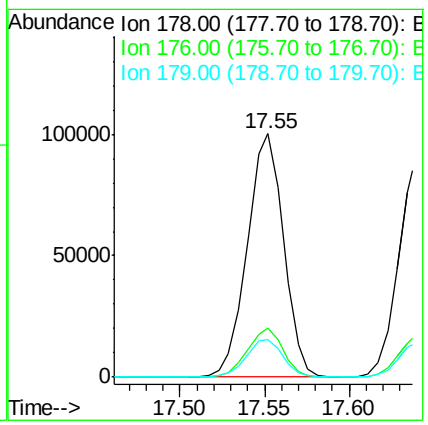
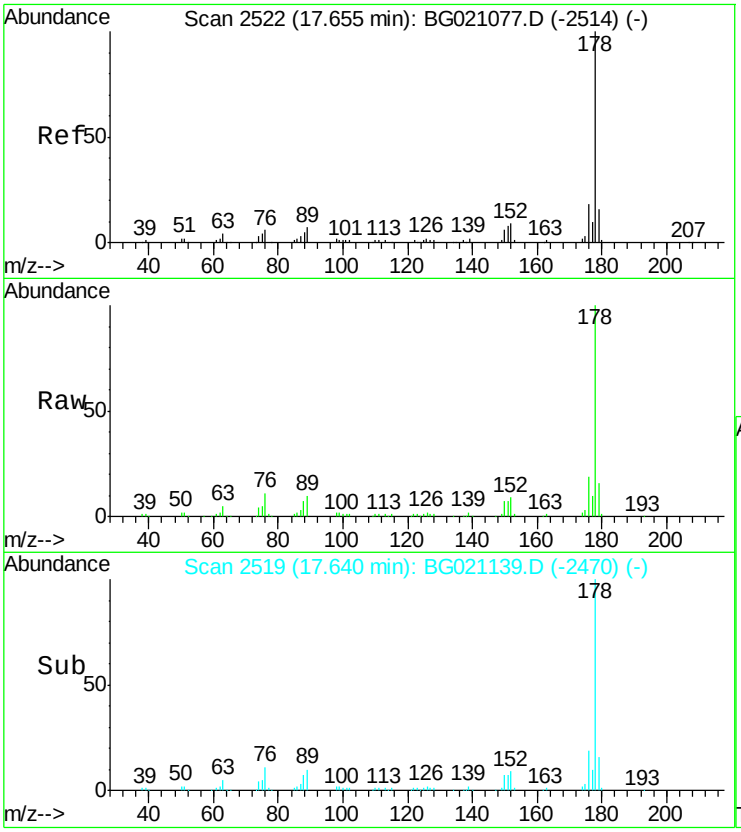



#70
Phenanthrene
Concen: 45.05 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:178 Resp: 149959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.9 | 16.2 | 24.4 |
| 179 | 15.4 | 12.9 | 19.3 |

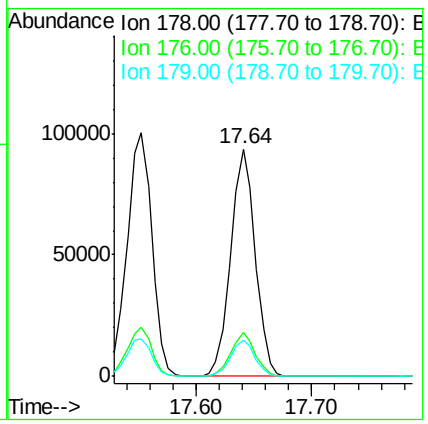





#71
Anthracene
Concen: 41.03 ng
RT: 17.64 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:178 Resp: 137532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 14.8 | 22.2 |
| 179 | 15.9 | 12.6 | 19.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
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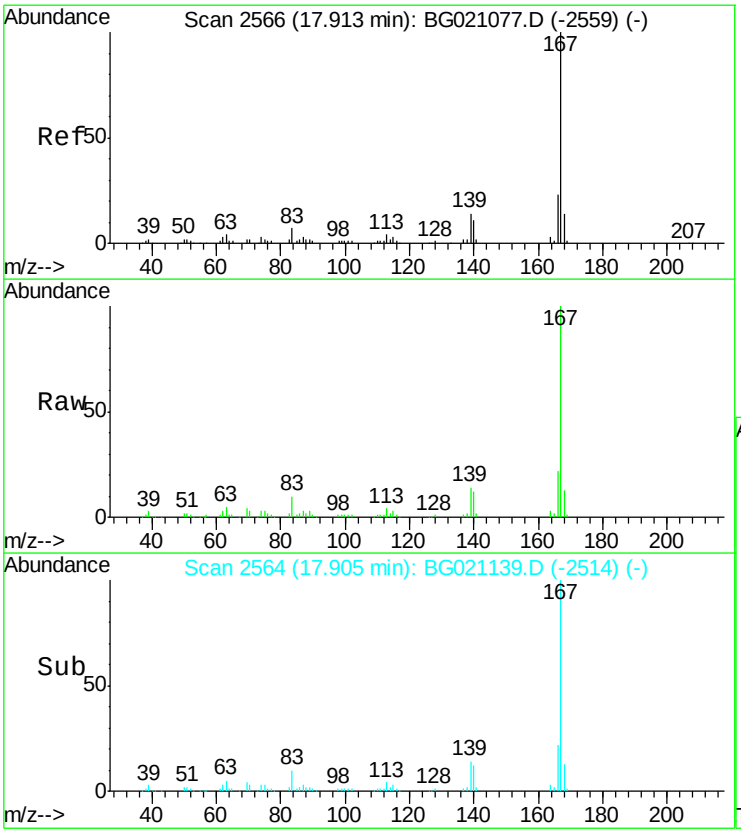
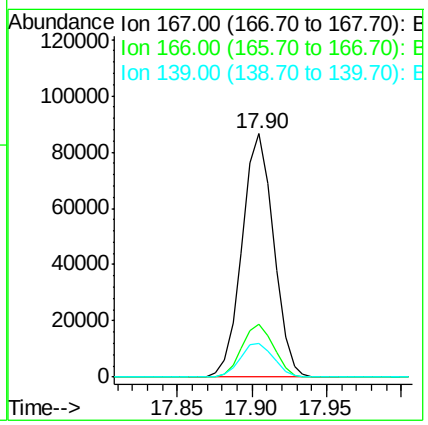
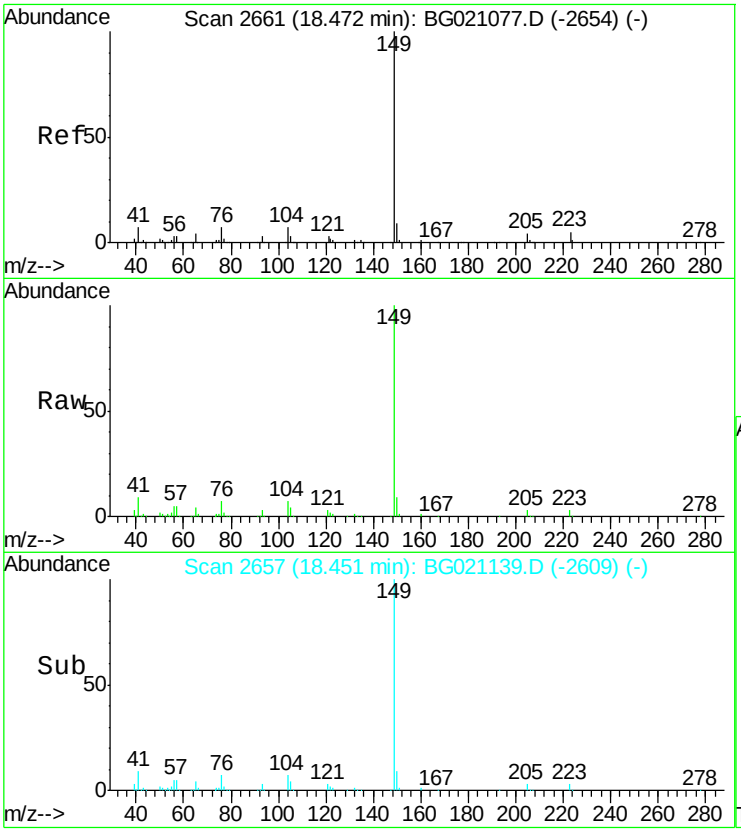



#72
Carbazole
Concen: 43.85 ng
RT: 17.90 min Scan# 2564
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:167 Resp: 126916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.0 | 17.5 | 26.3 |
| 139 | 14.0 | 10.3 | 15.5 |






#73
Di-n-butylphthalate
Concen: 44.19 ng
RT: 18.45 min Scan# 2657
Delta R.T. -0.02 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:149 Resp: 168597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.6 | 11.4 |
| 104 | 6.5 | 4.1 | 6.1# |

**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

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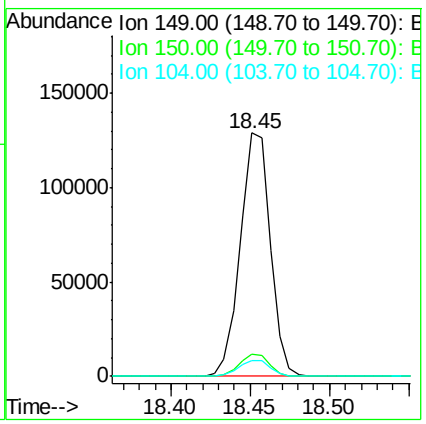
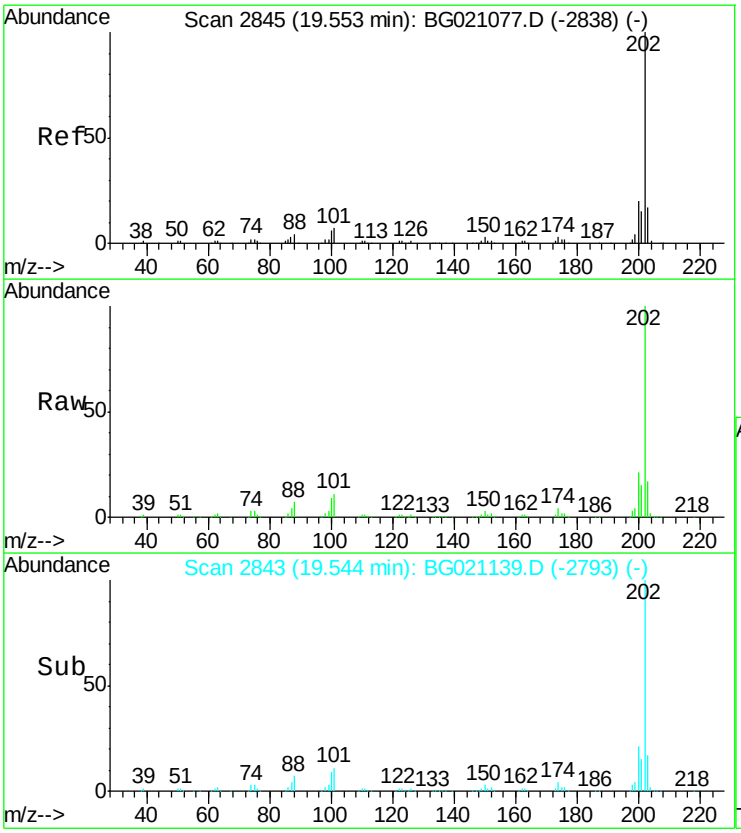
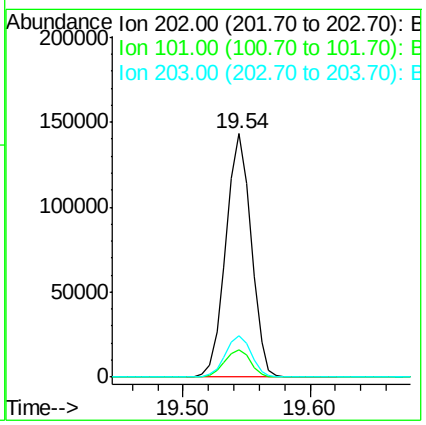


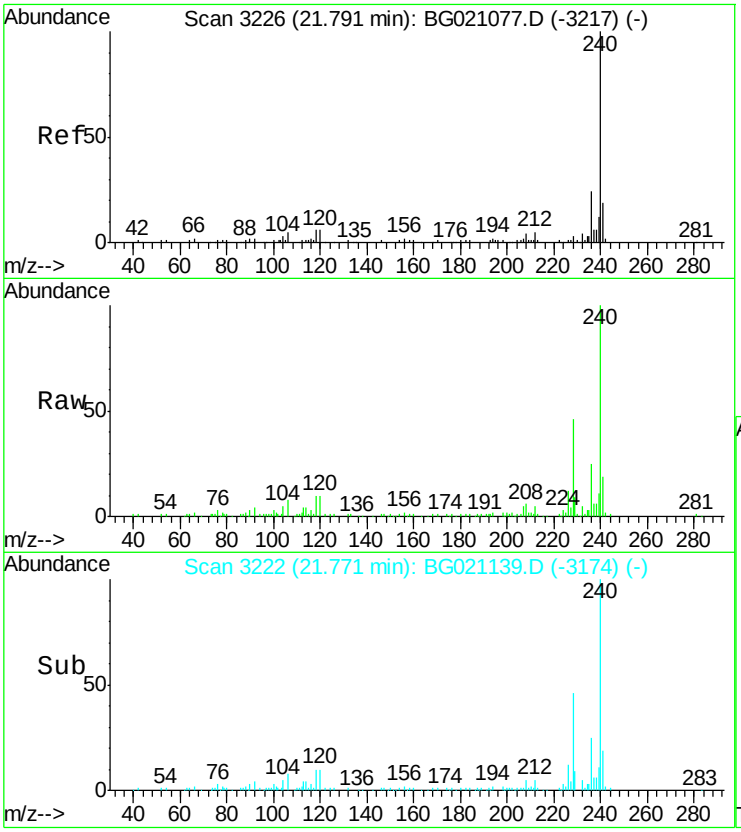




#74
Fluoranthene
Concen: 47.23 ng
RT: 19.54 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:202 Resp: 197223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.0 | 0.0 | 32.5 |
| 203 | 17.1 | 0.0 | 37.6 |

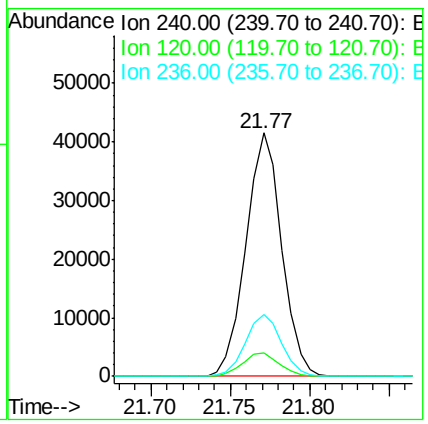





#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.02 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:240 Resp: 64785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.6 | 7.5 | 11.3 |
| 236 | 25.4 | 20.5 | 30.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

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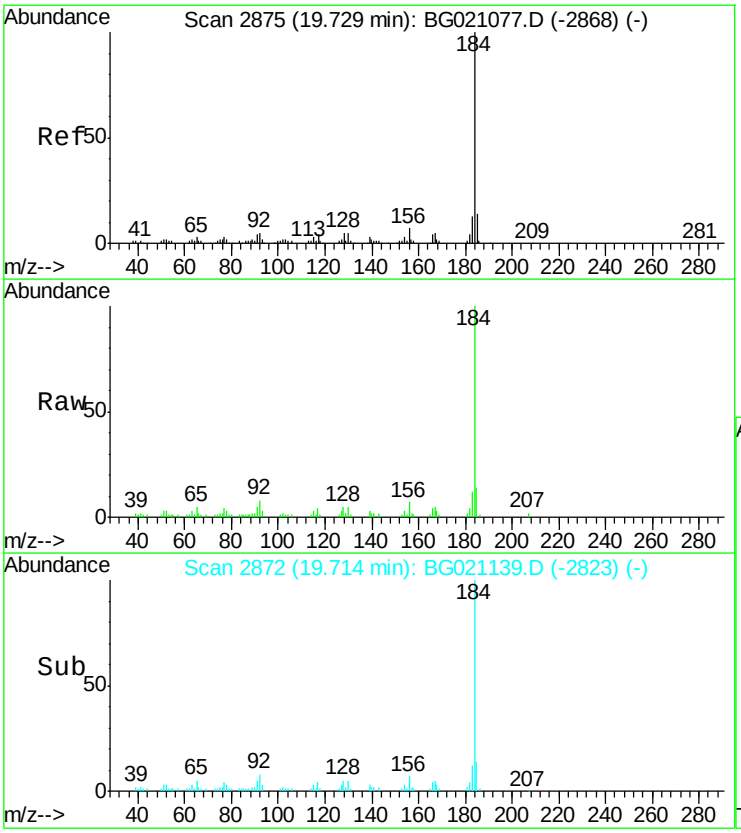
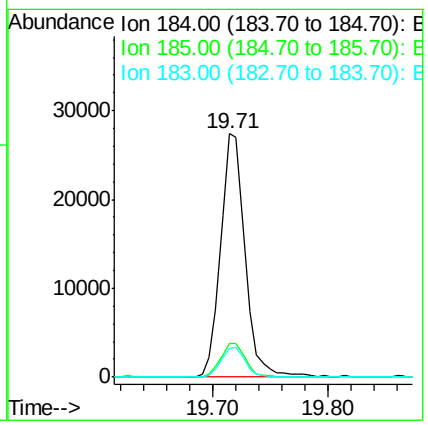
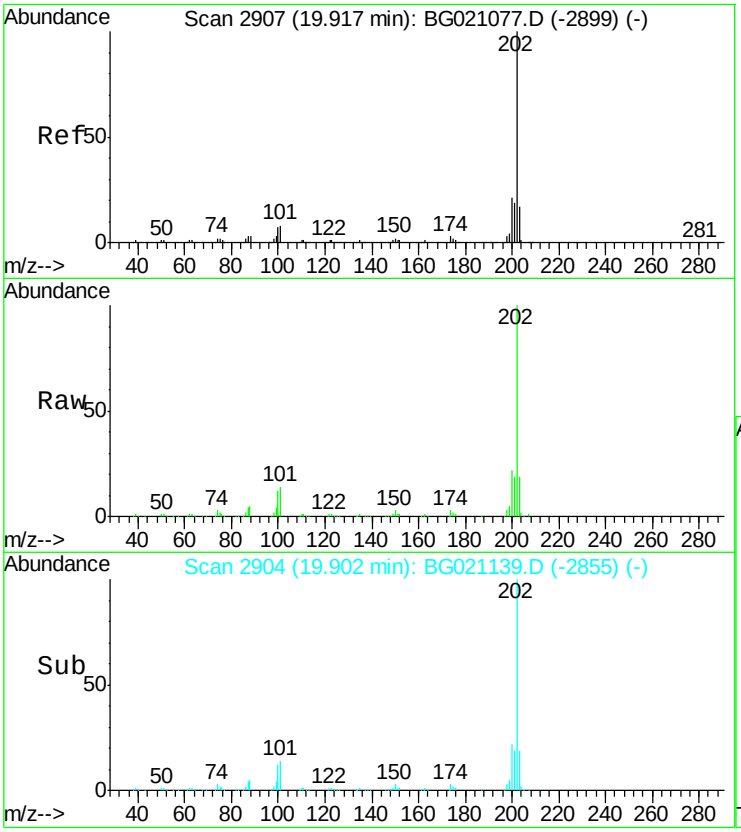



#76
Benzidine
Concen: 23.51 ng
RT: 19.71 min Scan# 2872
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:184 Resp: 40071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.6 | 11.5 | 17.3 |
| 183 | 11.7 | 10.1 | 15.1 |

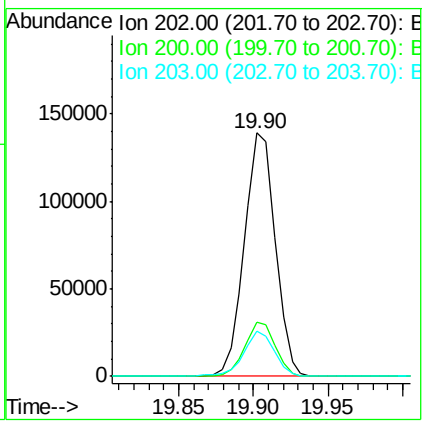





#77
Pyrene
Concen: 55.43 ng
RT: 19.90 min Scan# 2904
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:202 Resp: 198851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.3 | 16.6 | 25.0 |
| 203 | 18.6 | 13.8 | 20.8 |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

**Manual Integrations APPROVED**
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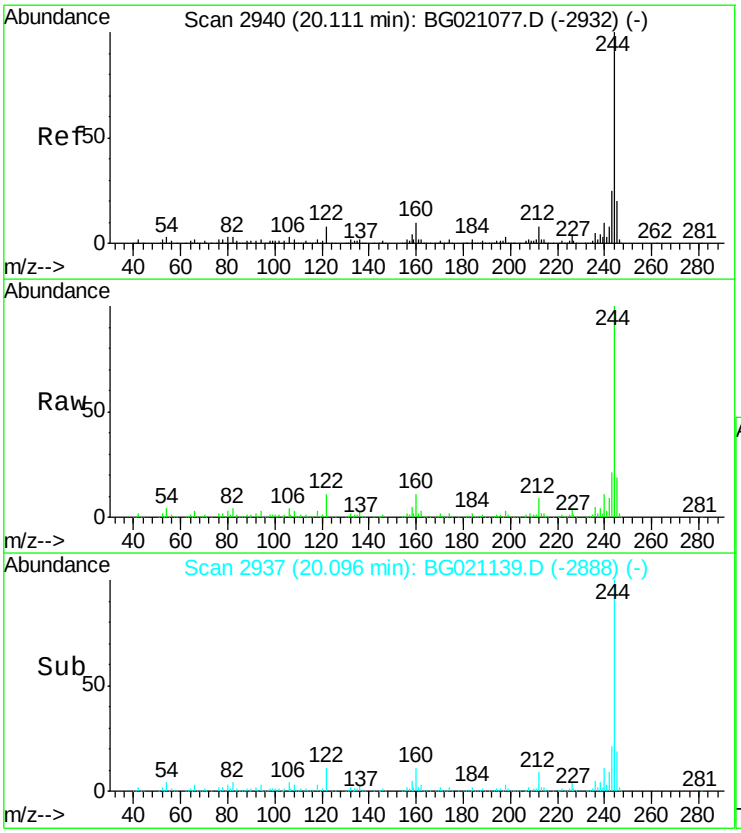
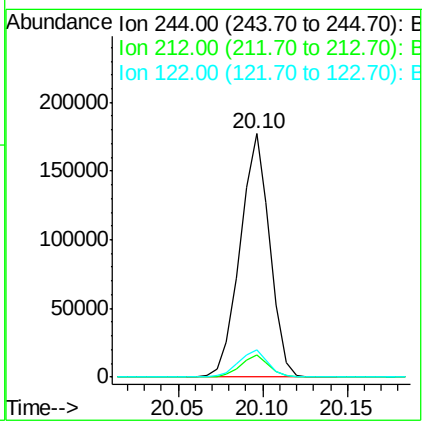
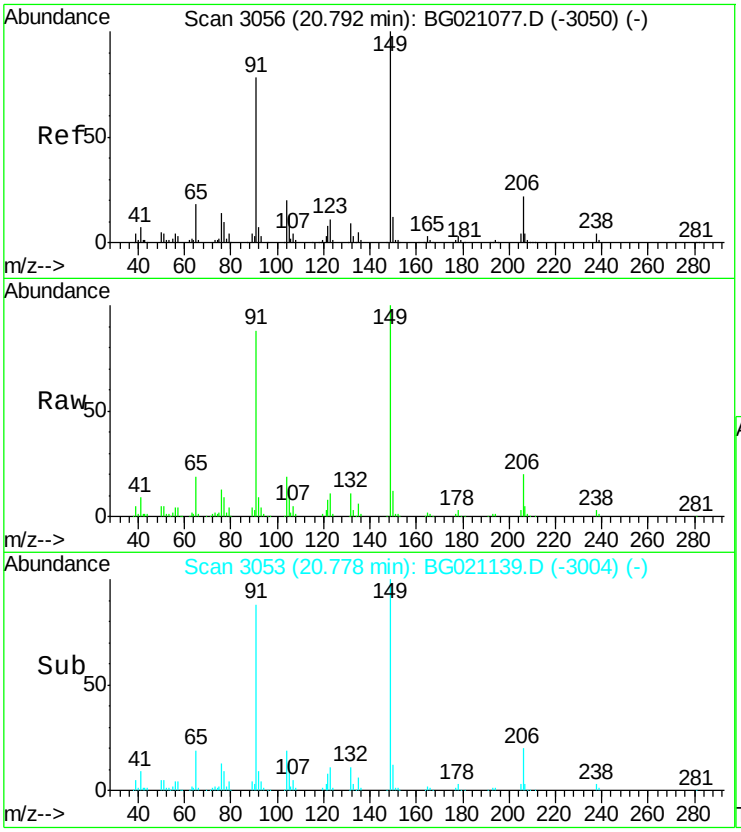



#78
Terphenyl-d14
Concen: 77.80 ng
RT: 20.10 min Scan# 2937
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:244 Resp: 215683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.9 | 5.8 | 8.6# |
| 122 | 11.0 | 8.3 | 12.5 |

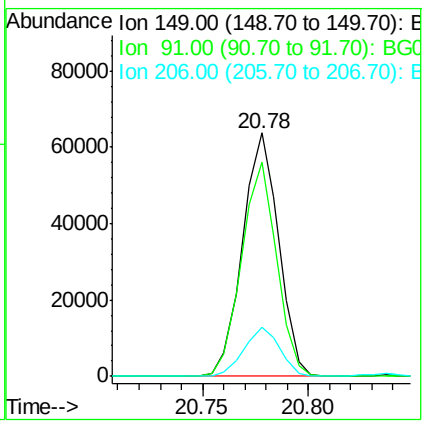





#79
Butylbenzylphthalate
Concen: 50.39 ng
RT: 20.78 min Scan# 3053
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:149 Resp: 75443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 87.9 | 58.6 | 87.8# |
| 206 | 20.2 | 14.2 | 21.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

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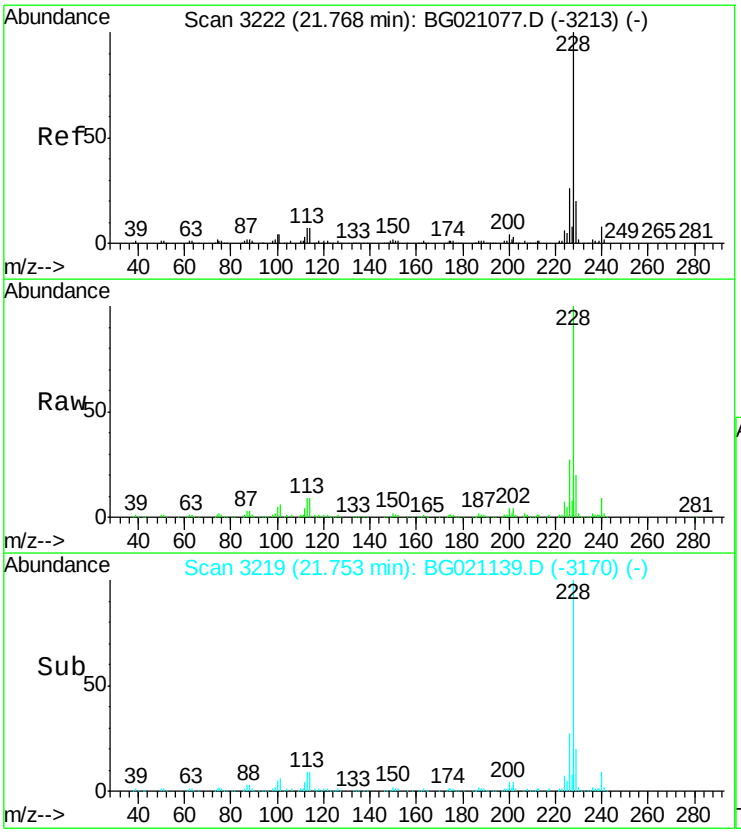
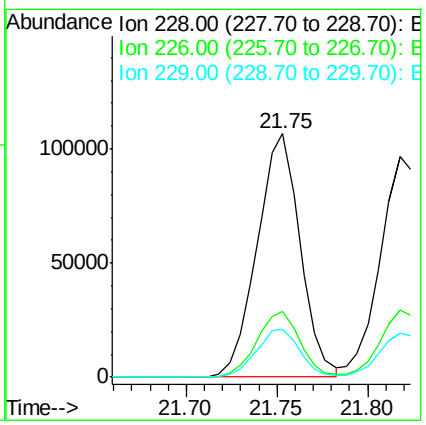
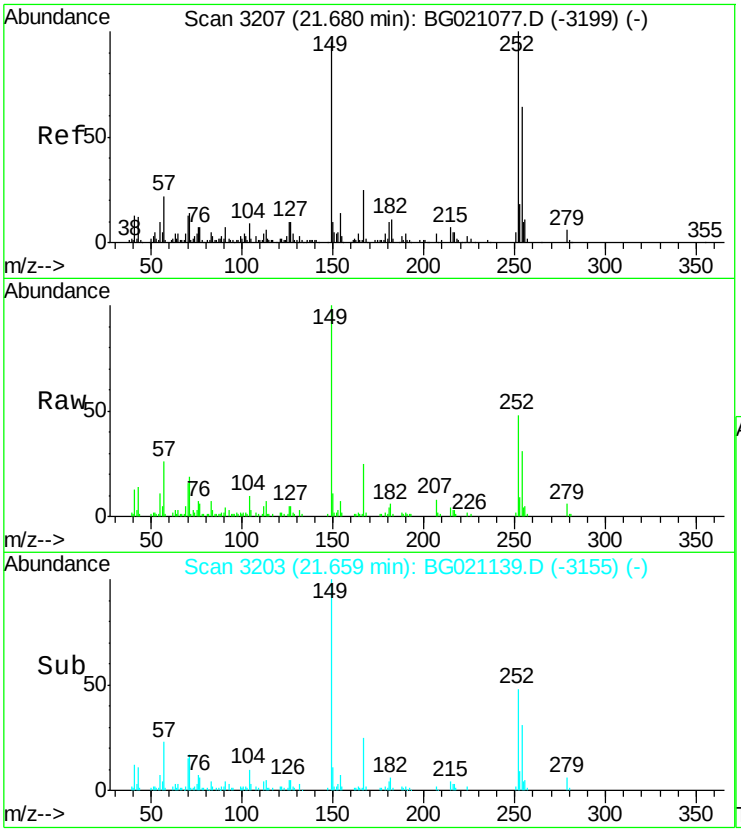



#80
Benzo(a)anthracene
Concen: 47.18 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:228 Resp: 175863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.9 | 22.7 | 34.1 |
| 229 | 19.8 | 15.5 | 23.3 |

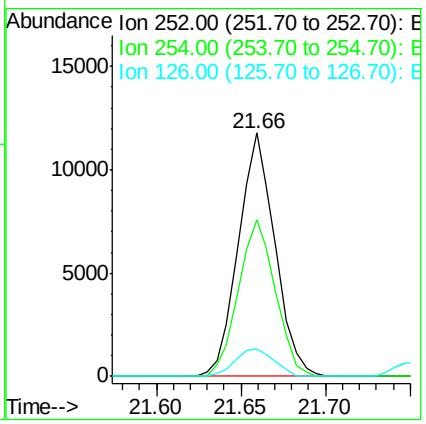





#81
3,3'-Dichlorobenzidine
Concen: 12.12 ng
RT: 21.66 min Scan# 3203
Delta R.T. -0.02 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:252 Resp: 17676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.2 | 52.6 | 79.0 |
| 126 | 11.1 | 8.3 | 12.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

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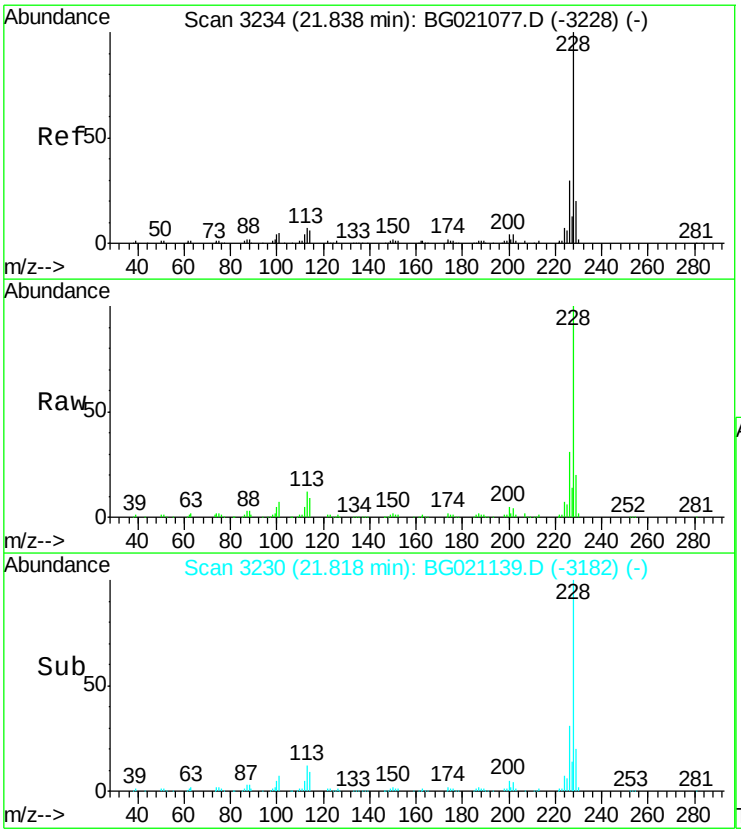
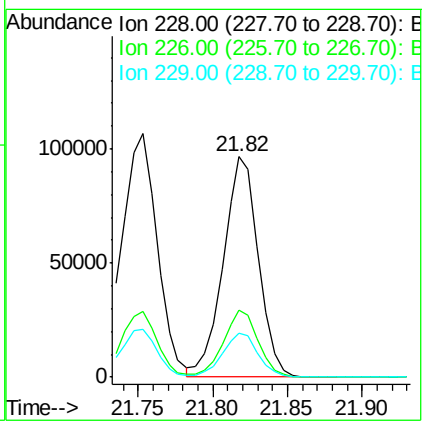
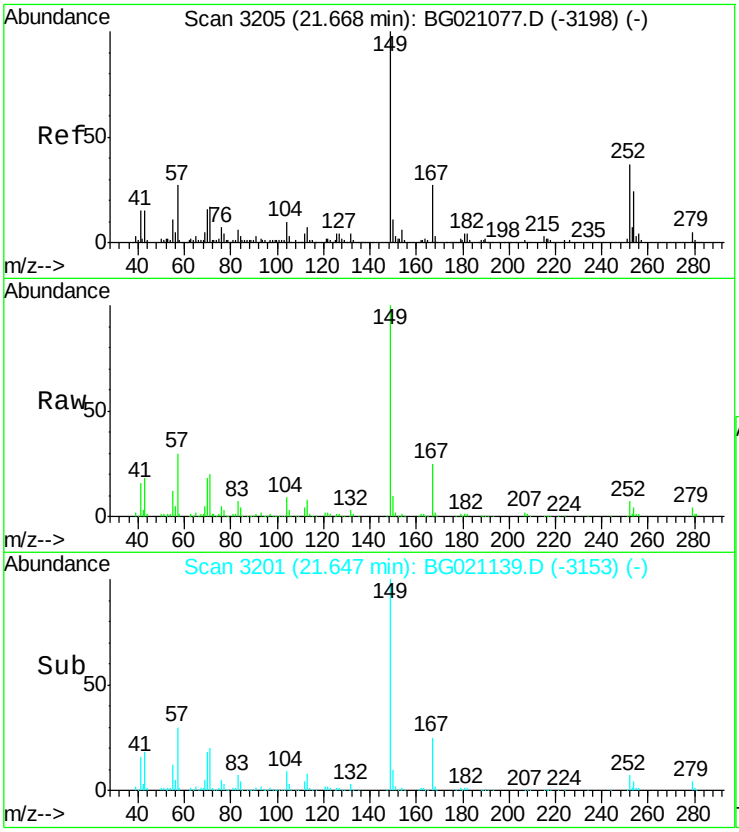



#82
Chrysene
Concen: 44.31 ng
RT: 21.82 min Scan# 3230
Delta R.T. -0.02 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:228 Resp: 159061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.6 | 23.7 | 35.5 |
| 229 | 20.2 | 16.7 | 25.1 |

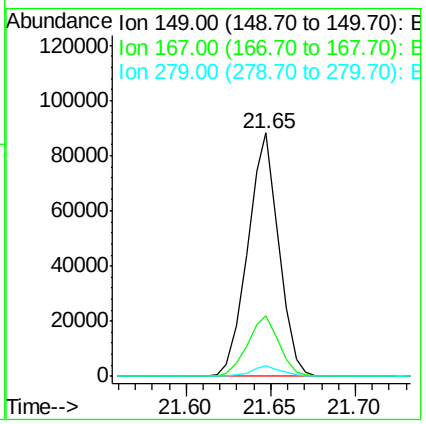





#83
Bis(2-ethylhexyl)phthalate
Concen: 48.62 ng
RT: 21.65 min Scan# 3201
Delta R.T. -0.02 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:149 Resp: 112403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 24.6 | 18.9 | 28.3 |
| 279 | 4.2 | 3.0 | 4.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

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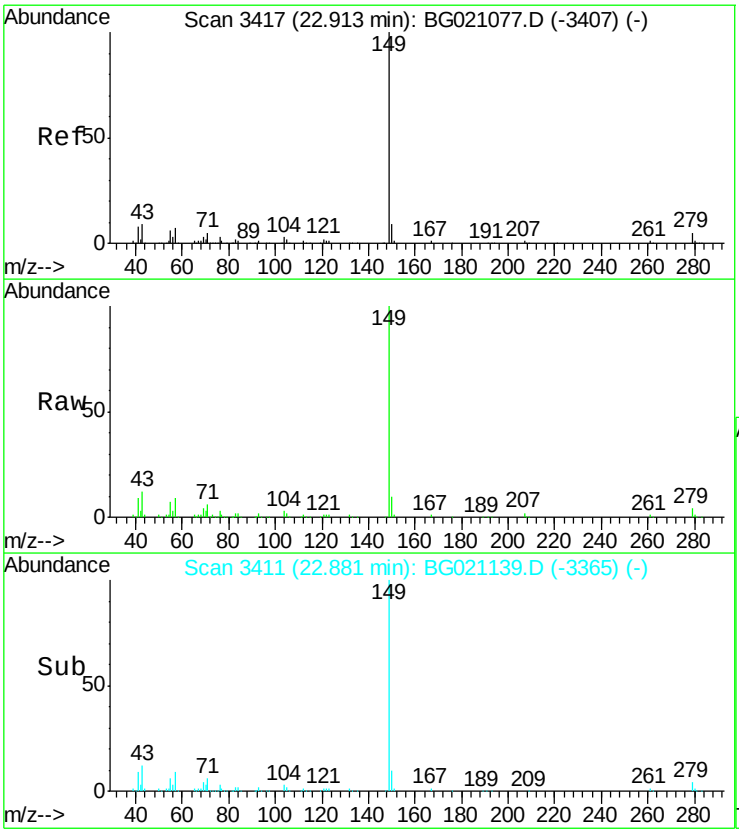
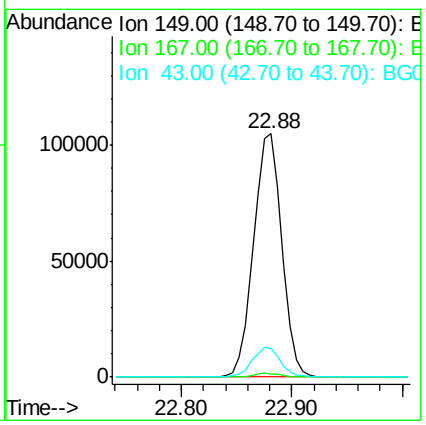
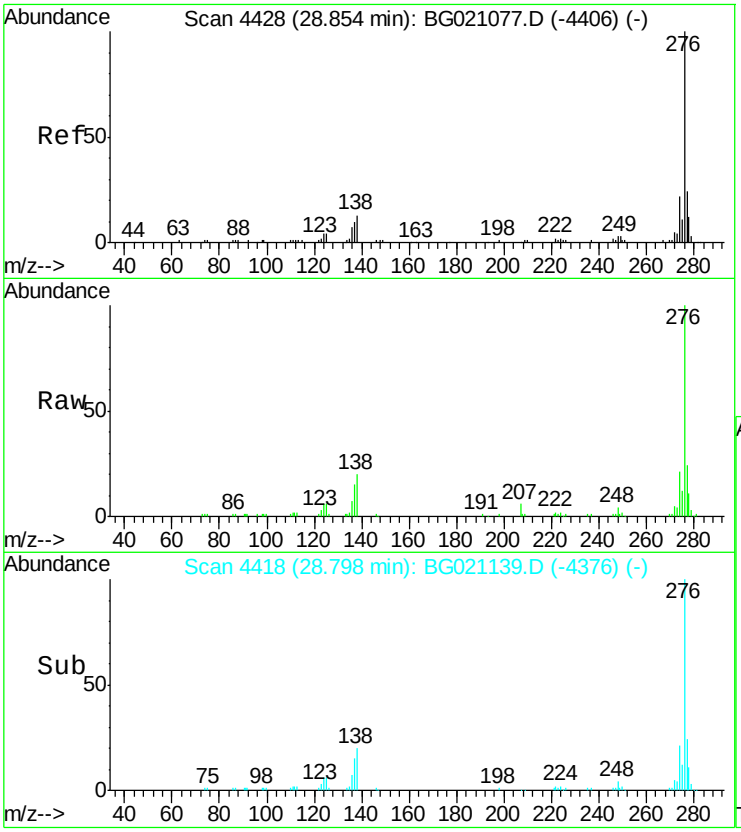



#84
Di-n-octyl phthalate
Concen: 48.63 ng
RT: 22.88 min Scan# 3411
Delta R.T. -0.03 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:149 Resp: 188407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 12.2 | 9.8 | 14.8 |






#85
Indeno(1,2,3-cd)pyrene
Concen: 41.03 ng
RT: 28.80 min Scan# 4418
Delta R.T. -0.06 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:276 Resp: 177583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.9 | 0.0 | 0.0# |
| 277 | 25.8 | 0.0 | 0.0# |

**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

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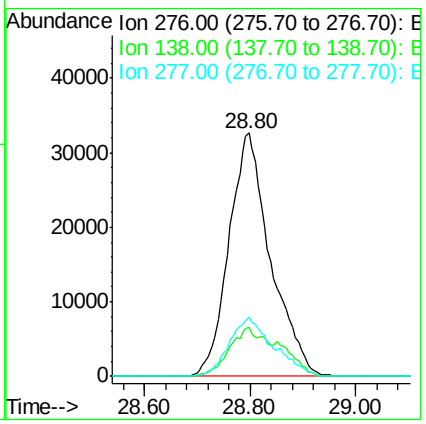
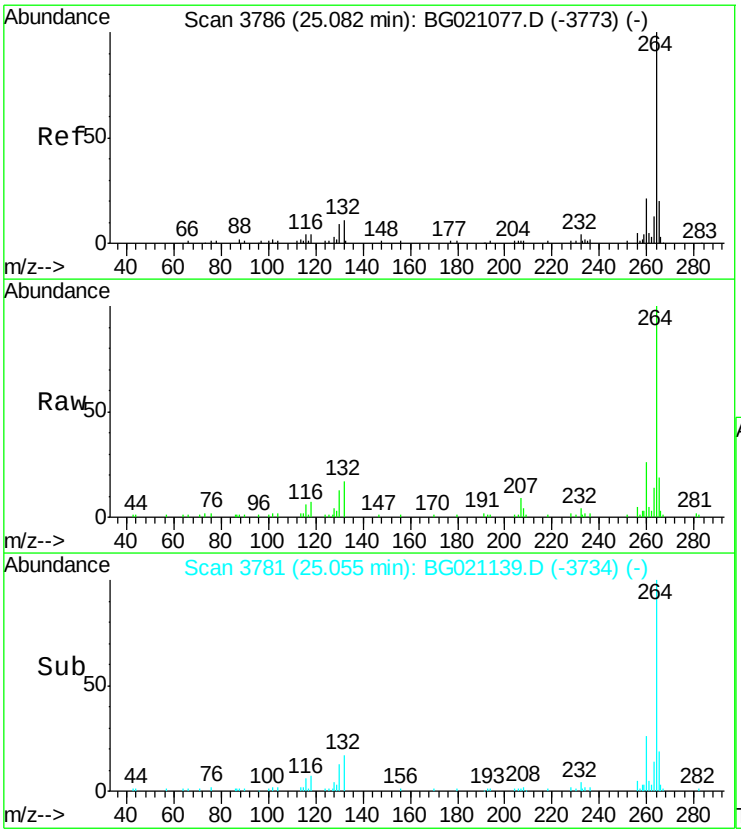
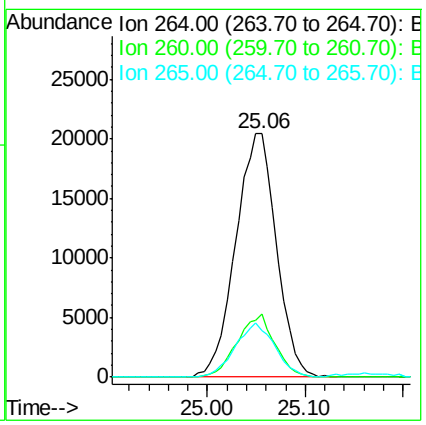


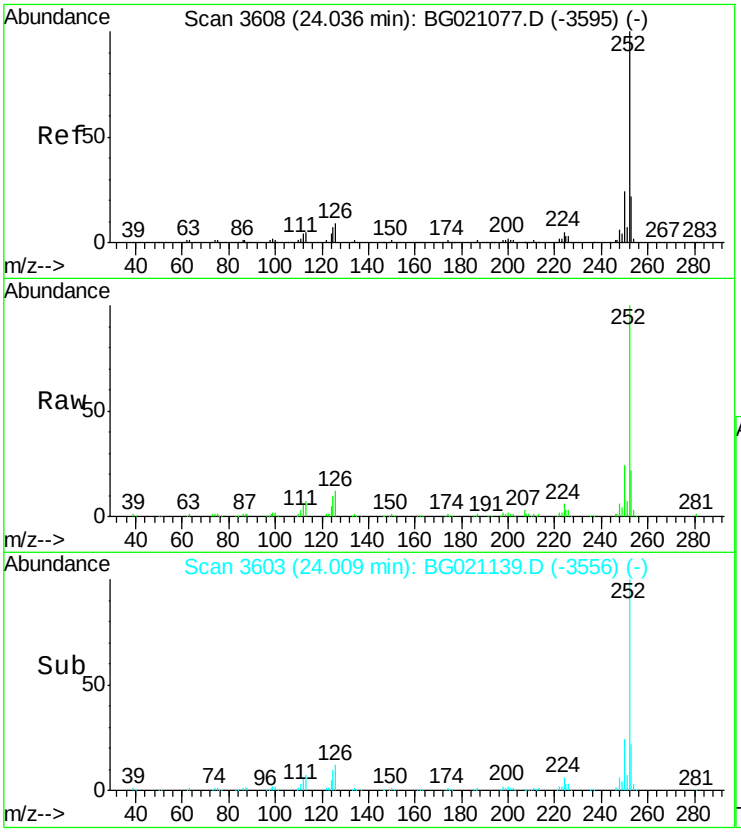




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3781
Delta R.T. -0.03 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:264 Resp: 59424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.8 | 18.5 | 27.7 |
| 265 | 19.3 | 18.6 | 28.0 |

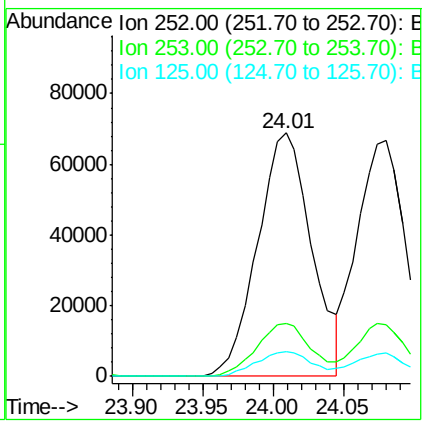





#87
Benzo(b)fluoranthene
Concen: 49.55 ng
RT: 24.01 min Scan# 3603
Delta R.T. -0.03 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:252 Resp: 184048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 16.8 | 25.2 |
| 125 | 10.0 | 8.2 | 12.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

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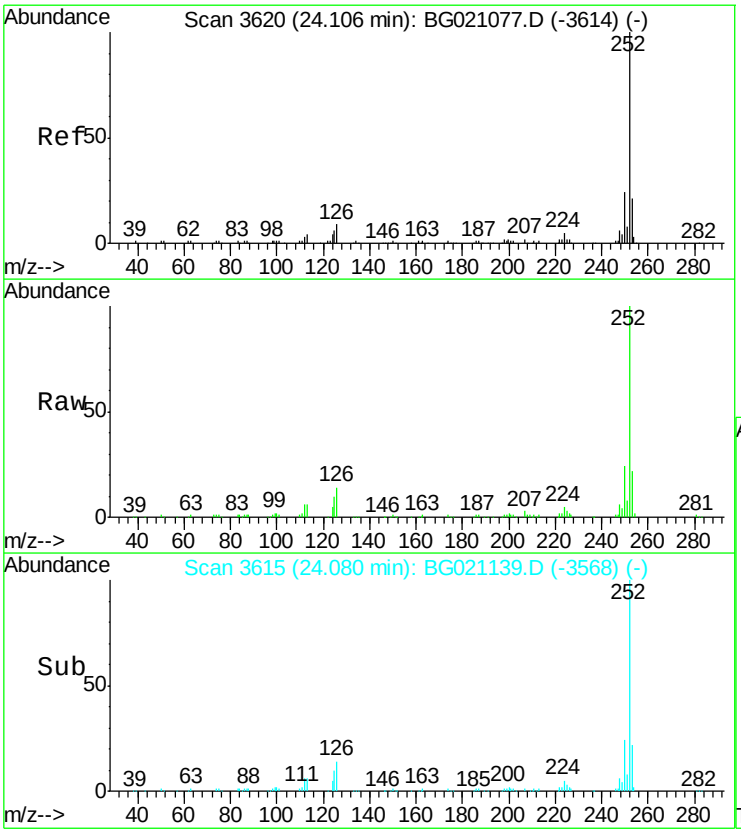
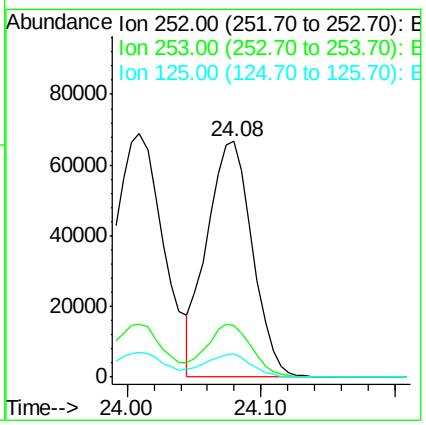
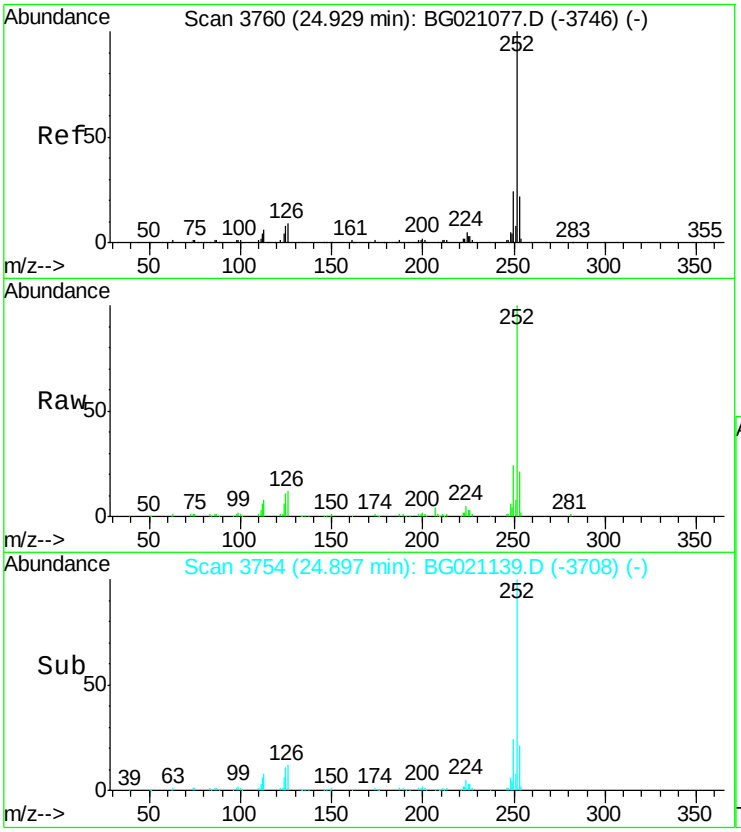



#88
Benzo(k)fluoranthene
Concen: 43.22 ng
RT: 24.08 min Scan# 3615
Delta R.T. -0.03 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:252 Resp: 158267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 16.4 | 24.6 |
| 125 | 9.9 | 8.2 | 12.2 |

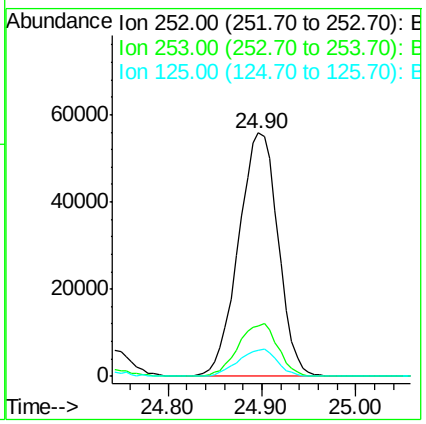





#89
Benzo(a)pyrene
Concen: 45.57 ng
RT: 24.90 min Scan# 3754
Delta R.T. -0.03 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:252 Resp: 162487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 20.8 | 15.8 | 23.8 |
| 125 | 10.8 | 8.4 | 12.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

**Manual Integrations APPROVED**
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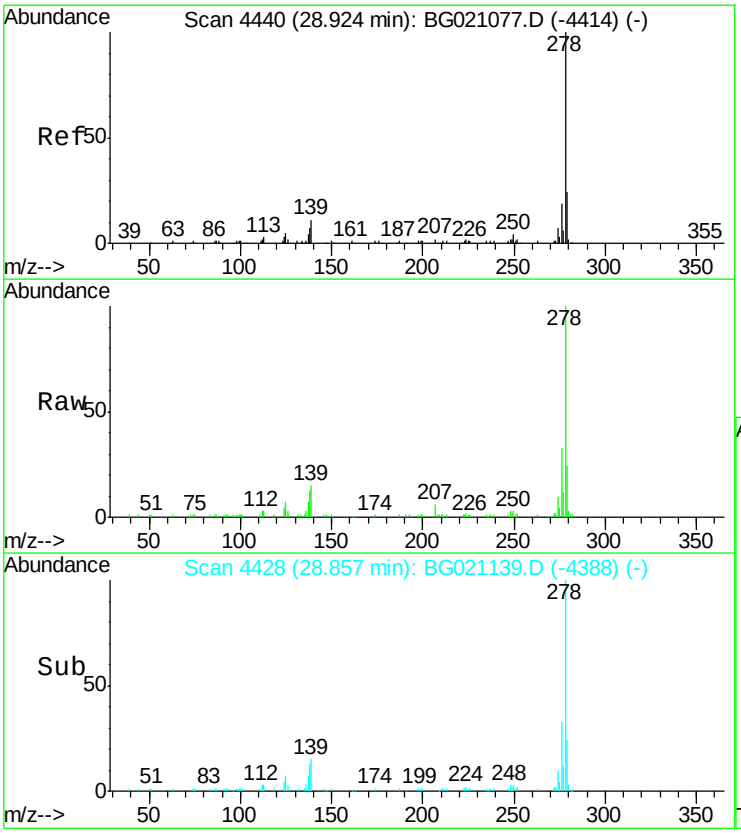
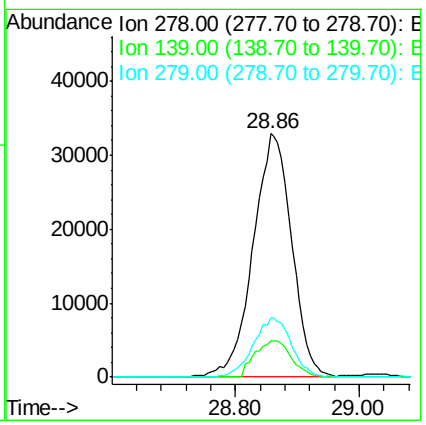
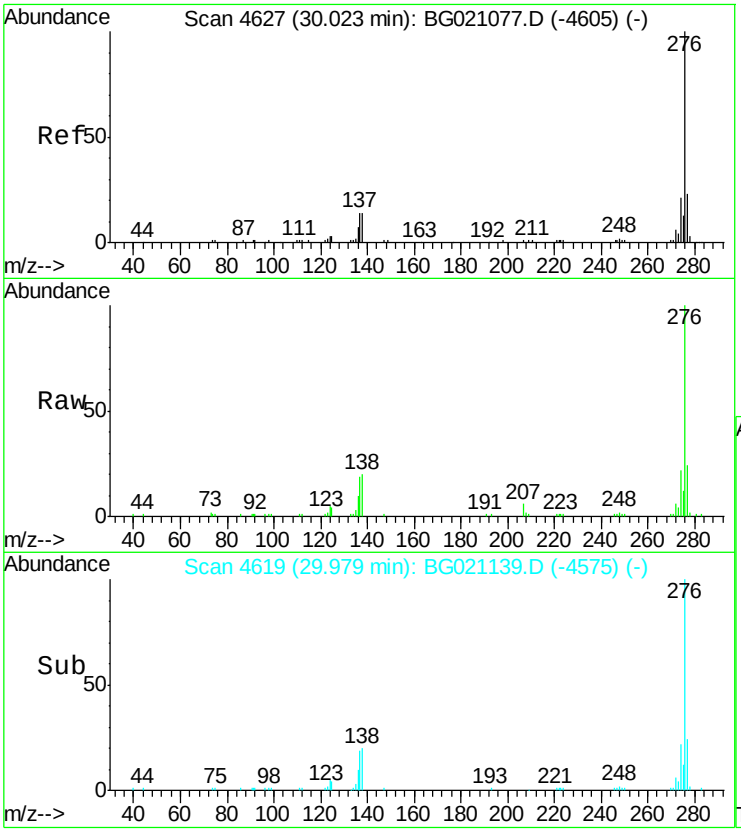



#90
Dibenzo(a,h)anthracene
Concen: 39.51 ng
RT: 28.86 min Scan# 4428
Delta R.T. -0.07 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:278 Resp: 142001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.0 | 10.6 | 15.8 |
| 279 | 24.4 | 19.7 | 29.5 |

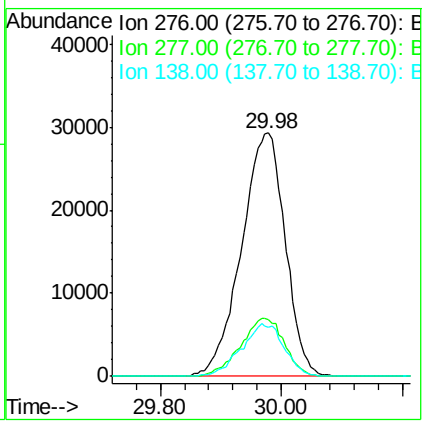





#91
Benzo(g,h,i)perylene
Concen: 42.47 ng
RT: 29.98 min Scan# 4619
Delta R.T. -0.04 min
Lab File: BG021139.D
Acq: 28 Feb 2016 6:48

Tgt Ion:276 Resp: 147047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.5 | 16.6 | 25.0 |
| 138 | 19.9 | 14.6 | 21.8 |




**Instrument :**
BNA_G
**ClientSampleId :**
P-02MS

**Manual Integrations APPROVED**
Sohil
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