Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG021994.D
Acq On : 22 May 2016 2:38
Operator : UM/SJ
Sample : H3124-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BD3F5

Quant Time: May 22 07:25:32 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 22 07:24:51 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.16 | 152 | 44146 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.98 | 136 | 213760 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.78 | 164 | 111496 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.53 | 188 | 220315 | 20.00 | ng/ul | 0.00 |
| 76) Chrysene-d12 | 21.81 | 240 | 229662 | 20.00 | ng/ul | 0.00 |
| 84) Perylene-d12 | 25.14 | 264 | 219913 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.54 | 96 | 4773 | 5.63 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.31 | 99 | 111326 | 27.91 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.47 | 67 | 64527 | 30.86 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.69 | 132 | 98563 | 29.56 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.86 | 113 | 95271 | 28.16 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.33 | 128 | 50756 | 32.20 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.05 | 143 | 53778 | 31.49 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.59 | 165 | 87644 | 28.48 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.11 | 131 | 130250 | 39.70 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.18 | 166 | 276370 | 33.00 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.48 | 160 | 386489 | 33.05 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.98 | 143 | 34606 | 24.00 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.78 | 176 | 251489 | 32.07 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.89 | 200 | 32086 | 27.86 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.63 | 188 | 350306 | 33.03 | ng/ul | 0.00 |
| 77) Pyrene-d10 | 19.91 | 212 | 378674 | 29.24 | ng/ul | 0.00 |
| 88) Benzo(a)pyrene-d12 | 24.91 | 264 | 354057 | 34.70 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 17) Hexachloroethane | 9.27 | 117 | 1426 | 1.09 | ng/ul# | 10 |
| 21) Isophorone | 9.89 | 82 | 8469 | 1.24 | ng/ul# | 1 |
| 34) 2-Methylnaphthalene | 12.63 | 142 | 25311 | 3.27 | ng/ul | 99 |
| 35) 1-Methylnaphthalene | 12.84 | 142 | 26167 | 3.35 | ng/ul# | 99 |
| 45) Dimethylphthalate | 14.22 | 163 | 48267 | 5.74 | ng/ul# | 96 |
| 65) N-Nitrosodiphenylamine | 16.01 | 169 | 15994 | 2.30 | ng/ul# | 54 |
| 70) Phenanthrene | 17.57 | 178 | 20146 | 1.64 | ng/ul# | 84 |

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

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**Instrument :**
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BD3F5

Quant Time: May 22 07:25:32 2016
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Quant Title : SVOA CALIBRATION
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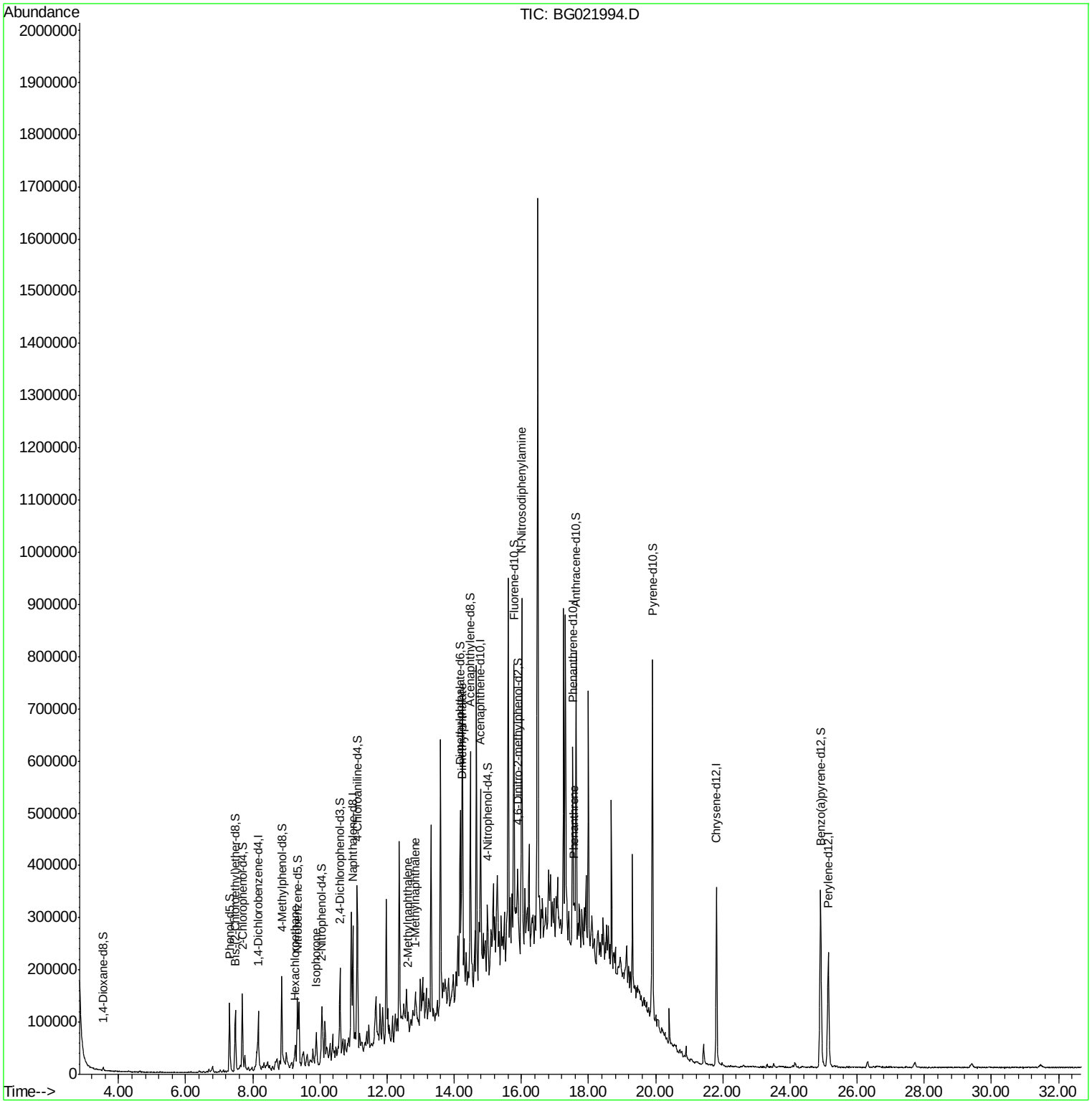
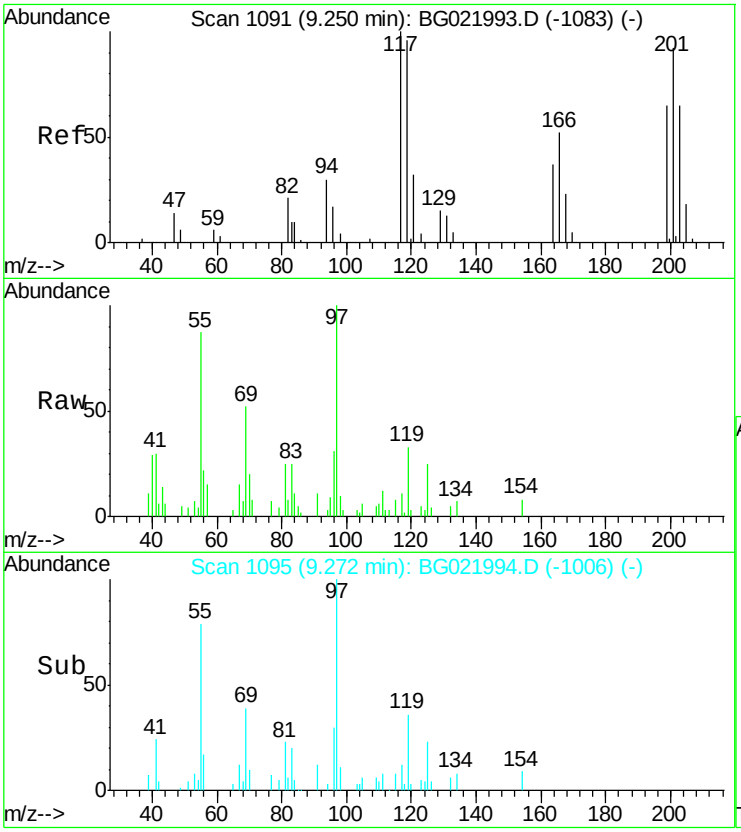


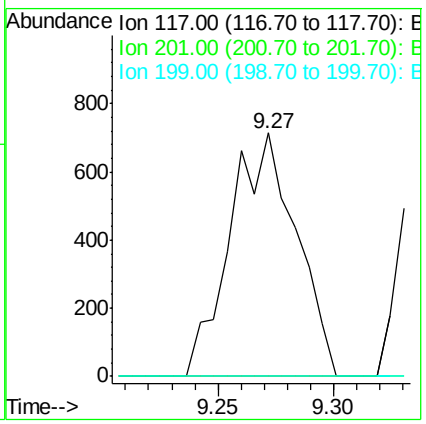


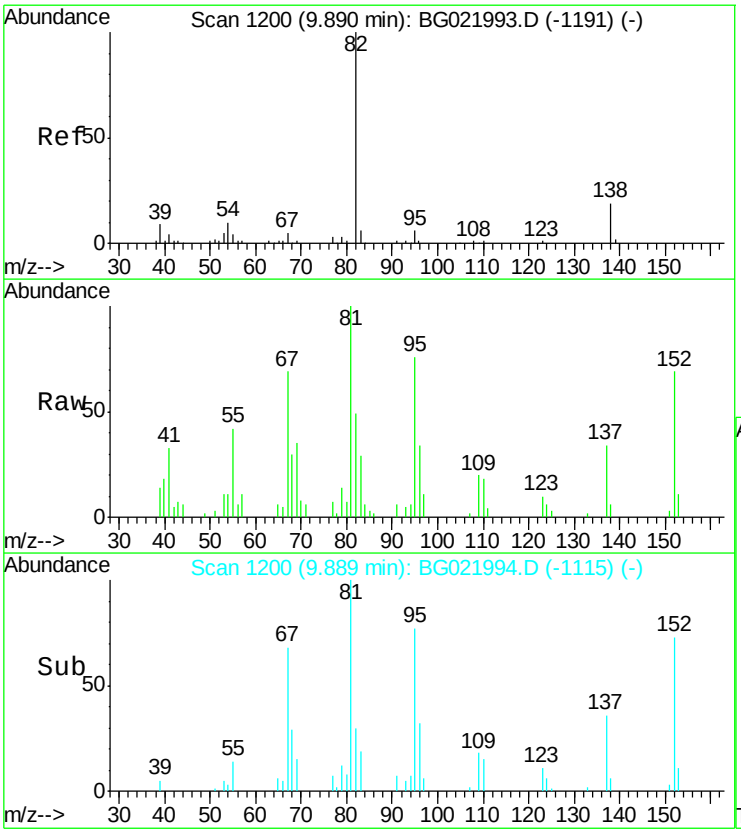

#17
Hexachloroethane
Concen: 1.09 ng/ul
RT: 9.27 min Scan# 1095
Delta R.T. 0.02 min
Lab File: BG021994.D
Acq: 22 May 2016 2:38

**Instrument :**
BNA_G
**ClientSampleId :**
BD3F5

Tgt Ion:117 Resp: 1426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 76.8 | 115.2# |
| 199 | 0.0 | 43.5 | 65.3# |

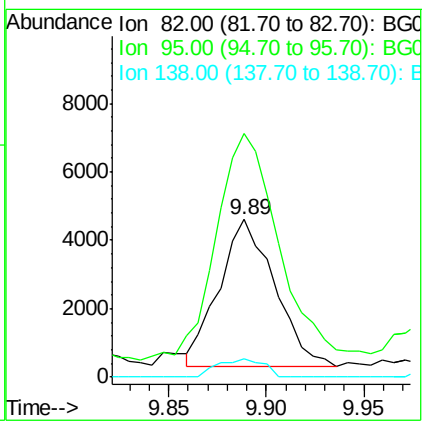


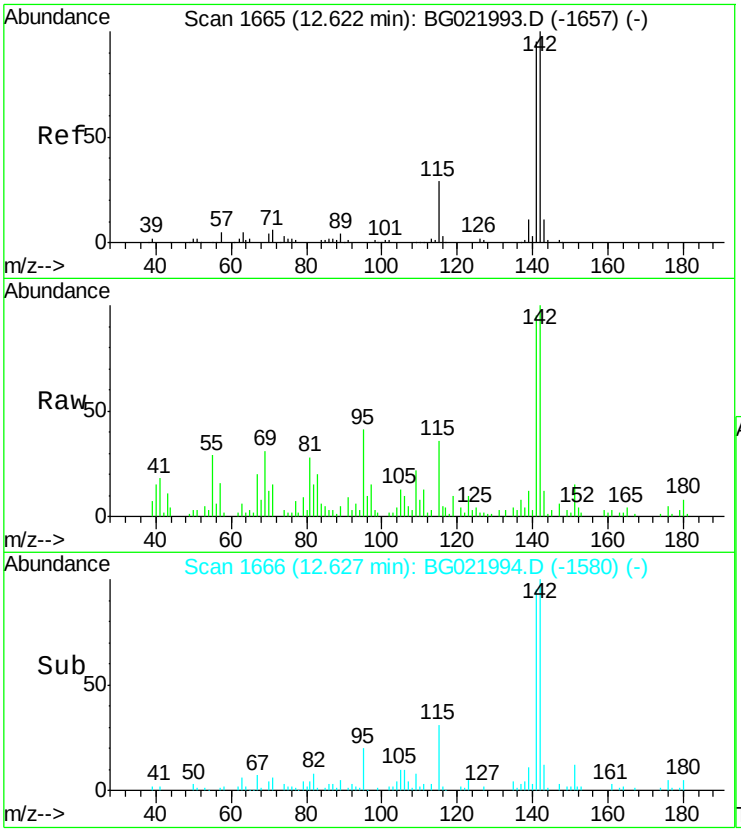




#21
Isophorone
Concen: 1.24 ng/ul
RT: 9.89 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BG021994.D
Acq: 22 May 2016 2:38

Tgt Ion: 82 Resp: 8469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 154.4 | 5.1 | 7.7# |
| 138 | 11.5 | 15.0 | 22.6# |



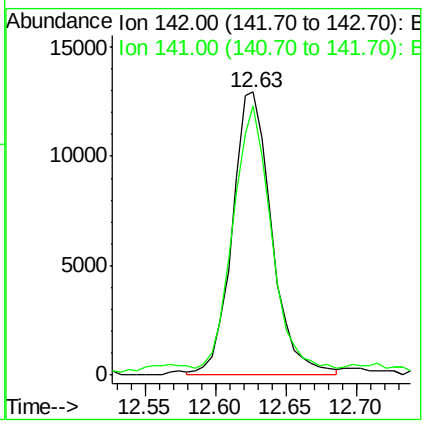


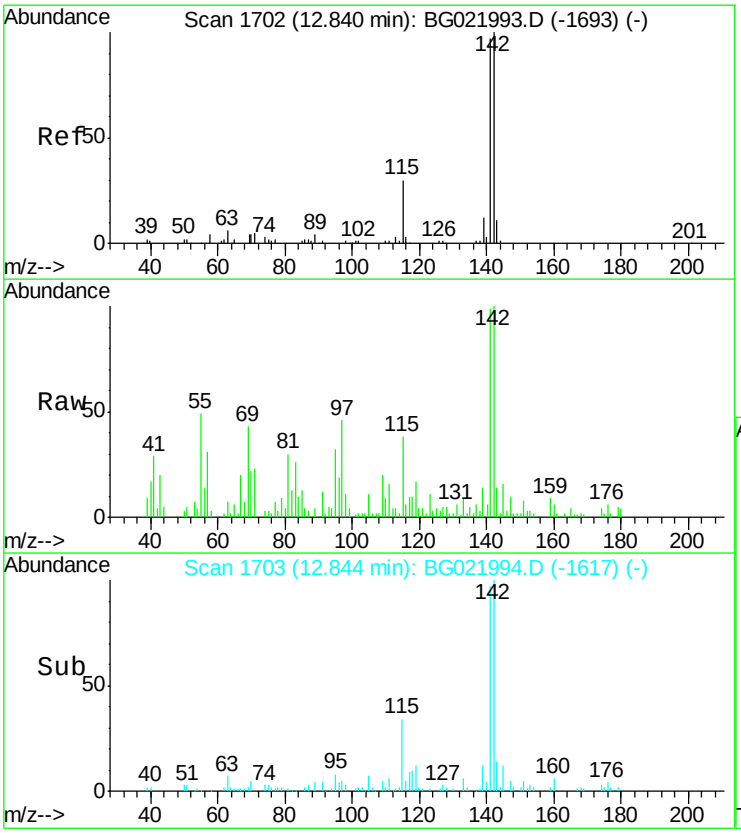

#34
2-Methylnaphthalene
Concen: 3.27 ng/ul
RT: 12.63 min Scan# 1666
Delta R.T. 0.00 min
Lab File: BG021994.D
Acq: 22 May 2016 2:38

**Instrument :**
BNA_G
**ClientSampleId :**
BD3F5

Tgt Ion:142 Resp: 25311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 95.1 | 75.2 | 112.8 |

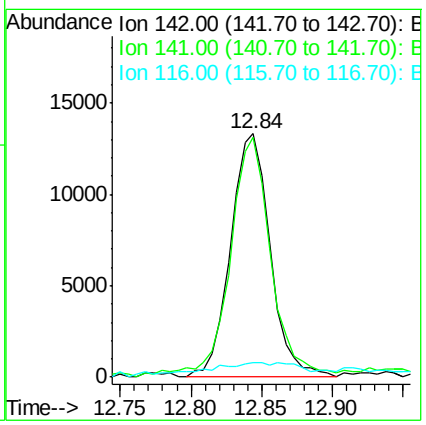


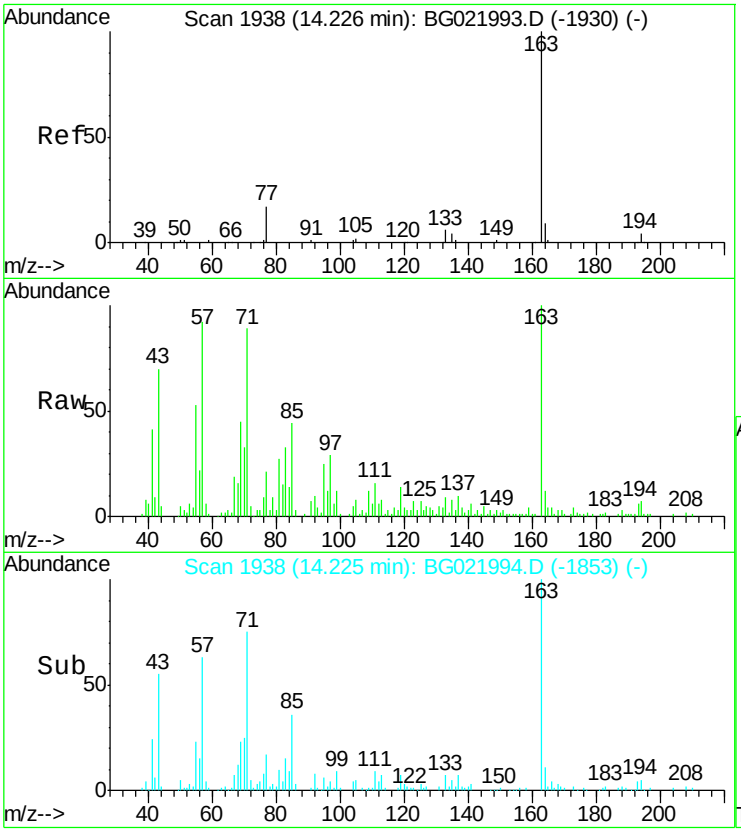




#35
1-Methylnaphthalene
Concen: 3.35 ng/ul
RT: 12.84 min Scan# 1703
Delta R.T. 0.00 min
Lab File: BG021994.D
Acq: 22 May 2016 2:38

Tgt Ion:142 Resp: 26167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 98.7 | 78.3 | 117.5 |
| 116 | 6.0 | 2.9 | 4.3# |



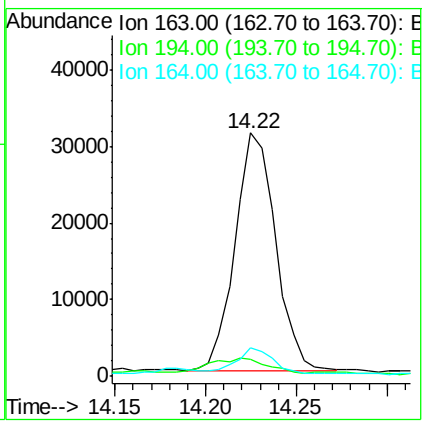


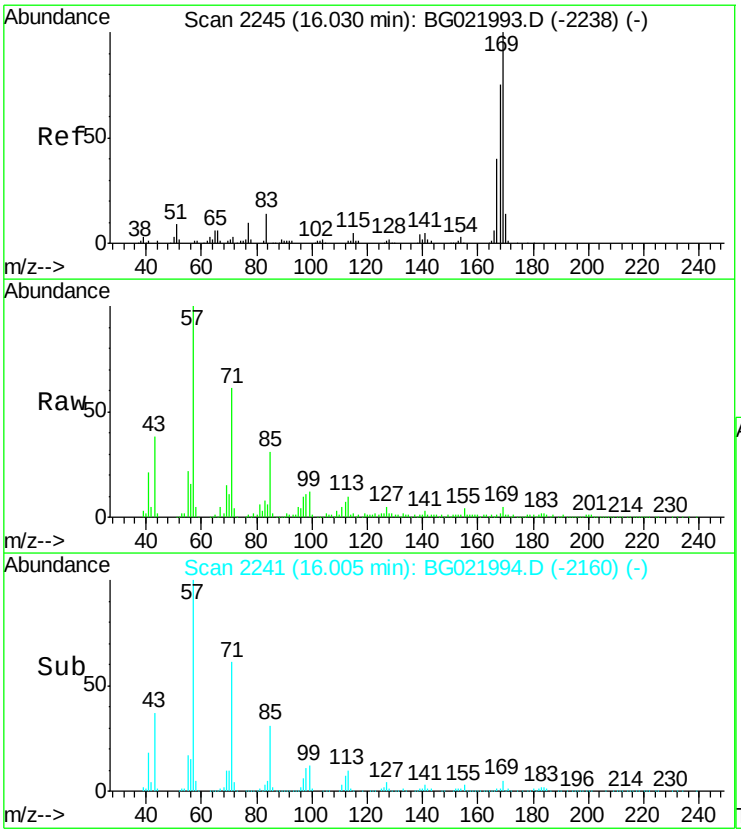

#45
Dimethylphthalate
Concen: 5.74 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG021994.D
Acq: 22 May 2016 2:38

**Instrument :**
BNA_G
**ClientSampleId :**
BD3F5

Tgt Ion:163 Resp: 48267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 7.1 | 3.4 | 5.2# |
| 164 | 11.9 | 8.8 | 13.2 |

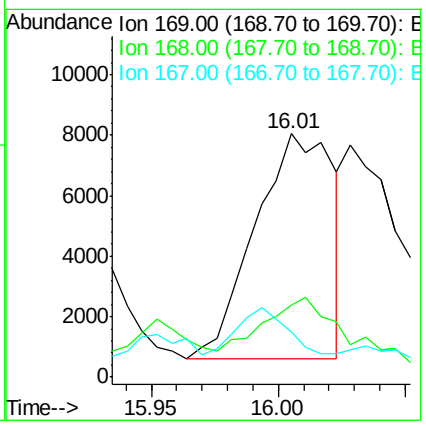


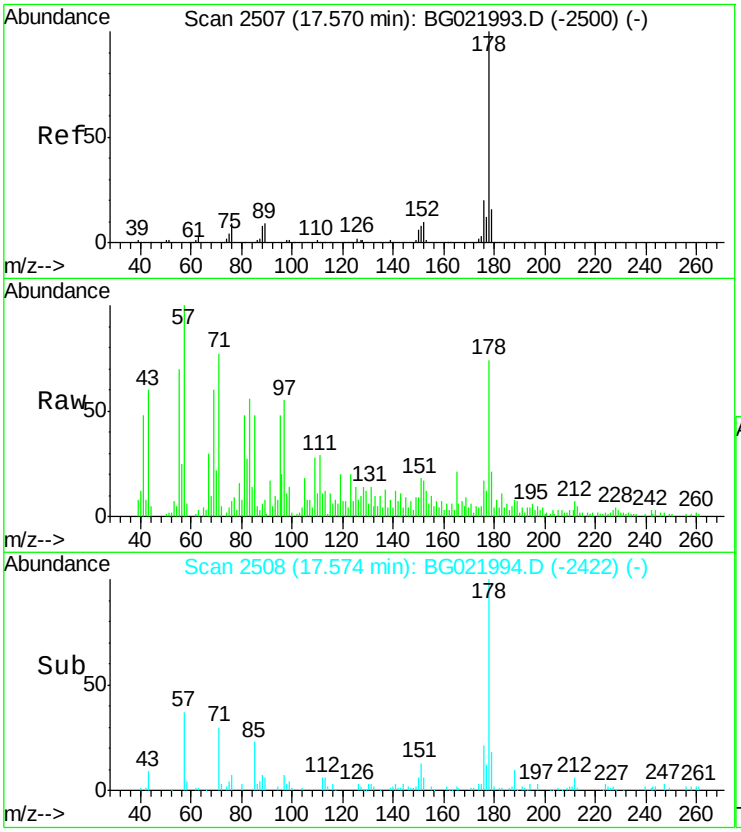




#65
N-Nitrosodiphenylamine
Concen: 2.30 ng/ul
RT: 16.01 min Scan# 2241
Delta R.T. -0.03 min
Lab File: BG021994.D
Acq: 22 May 2016 2:38

Tgt Ion:169 Resp: 15994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 29.4 | 59.0 | 88.6# |
| 167 | 18.5 | 30.6 | 46.0# |






#70
Phenanthrene
Concen: 1.64 ng/ul
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG021994.D
Acq: 22 May 2016 2:38

**Instrument :**
BNA_G
**ClientSampleId :**
BD3F5

Tgt Ion:178 Resp: 20146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 27.7 | 12.9 | 19.3# |
| 176 | 22.9 | 15.8 | 23.8 |