Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
Data File : BG037962.D
Acq On : 13 Nov 2018 2:40
Operator : JU/SJ
Sample : J5907-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** TP-4-S

Quant Time: Nov 13 06:32:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.09 | 152 | 52036 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.91 | 136 | 237814 | 20.00 | ng | -0.02 |
| 39) Acenaphthene-d10 | 14.72 | 164 | 158124 | 20.00 | ng | -0.02 |
| 64) Phenanthrene-d10 | 17.47 | 188 | 349810 | 20.00 | ng | -0.01 |
| 76) Chrysene-d12 | 21.75 | 240 | 286263 | 20.00 | ng | -0.02 |
| 87) Perylene-d12 | 25.08 | 264 | 204321 | 20.00 | ng | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.63 | 112 | 339389 | 109.04 | ng | -0.01 |
| 7) Phenol-d6 | 7.24 | 99 | 447623 | 95.11 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 9.27 | 82 | 340935 | 80.31 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.21 | 330 | 151534 | 87.86 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 13.35 | 172 | 828548 | 79.01 | ng | -0.02 |
| 79) Terphenyl-d14 | 20.07 | 244 | 1157001 | 86.36 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |

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

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Misc :
ALS Vial : 23 Sample Multiplier: 1

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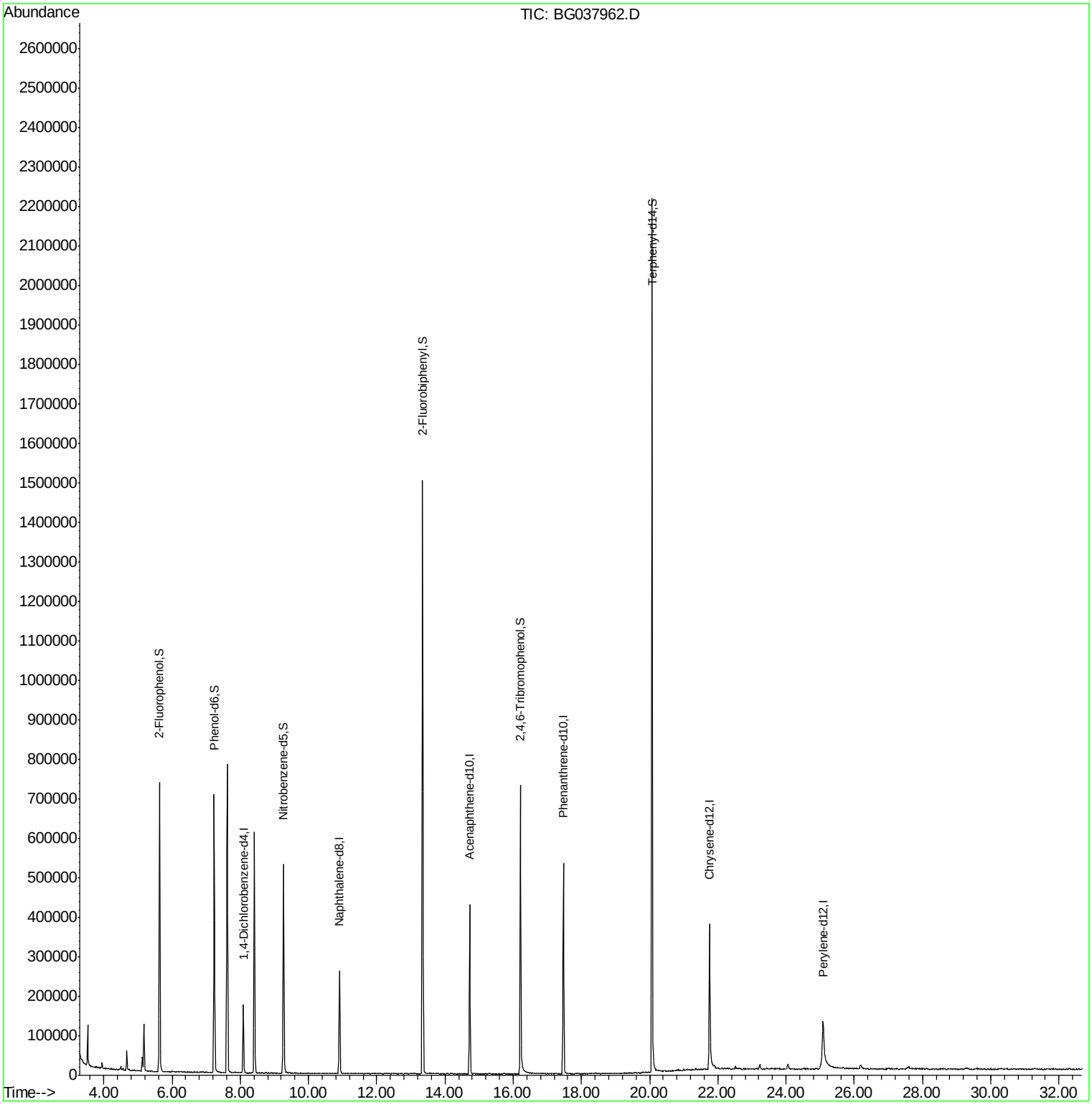
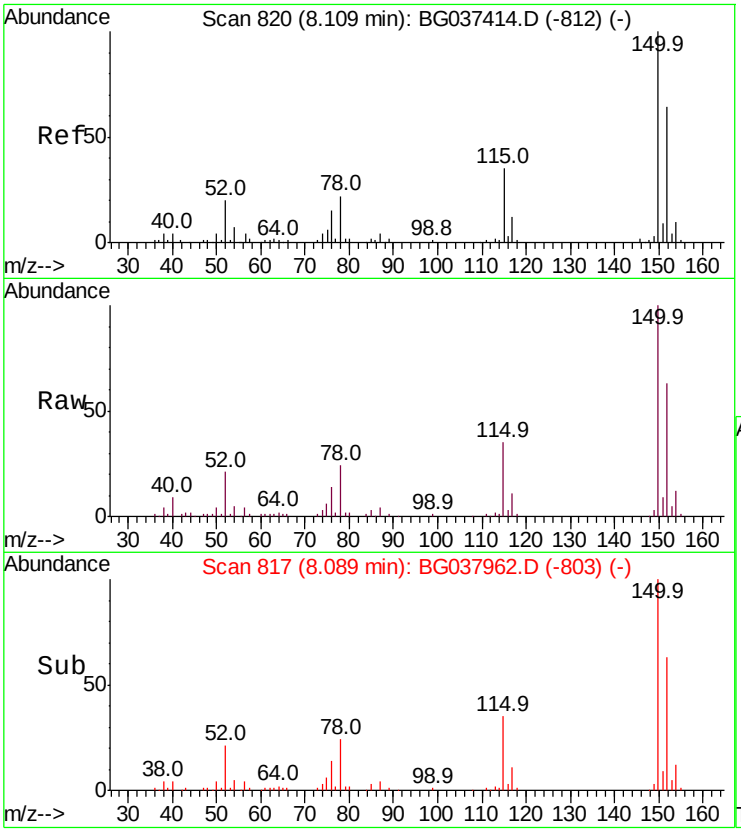


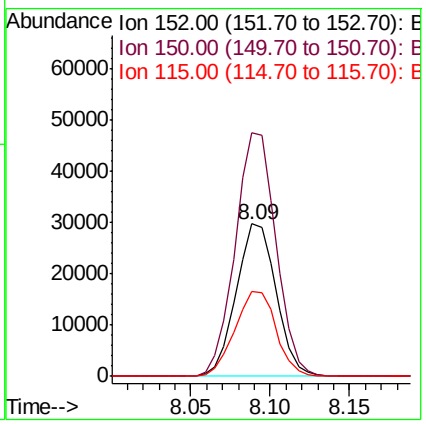


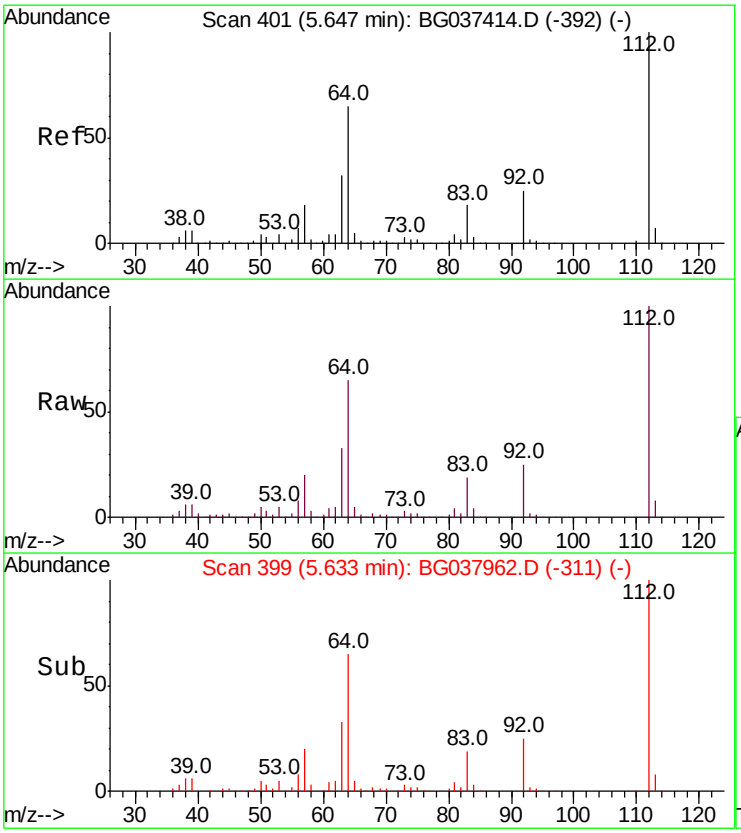

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037962.D
Acq: 13 Nov 2018 2:40

**Instrument :**
BNA_G
**ClientSampleId :**
TP-4-S

Tgt Ion:152 Resp: 52036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.9 | 126.0 | 189.0 |
| 115 | 55.9 | 45.5 | 68.3 |

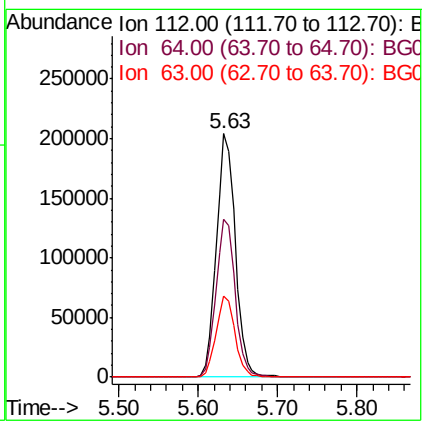


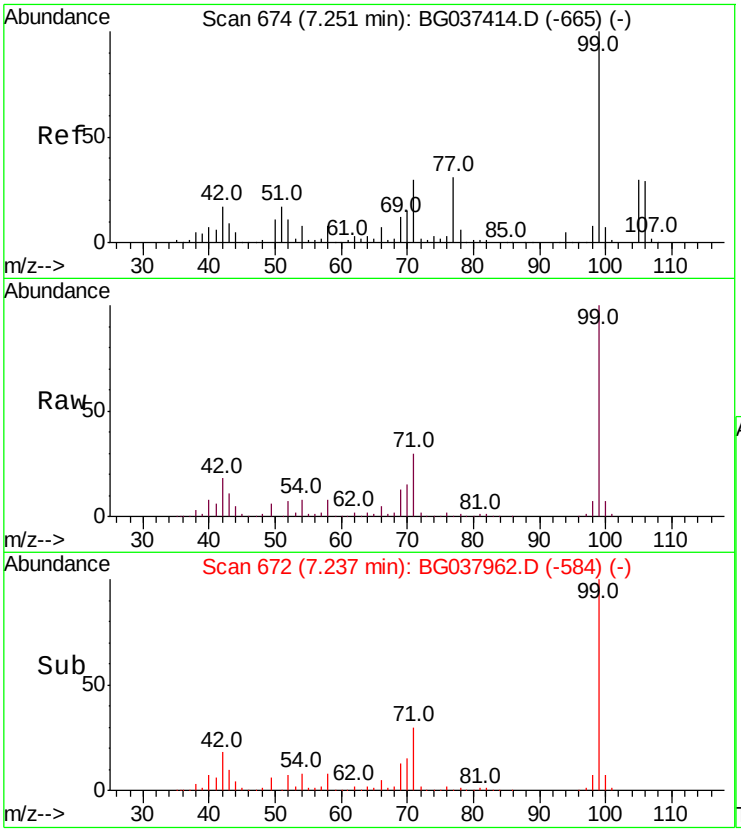




#5
2-Fluorophenol
Concen: 109.042 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037962.D
Acq: 13 Nov 2018 2:40

Tgt Ion:112 Resp: 339389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 64.8 | 53.1 | 79.7 |
| 63 | 33.3 | 27.3 | 40.9 |



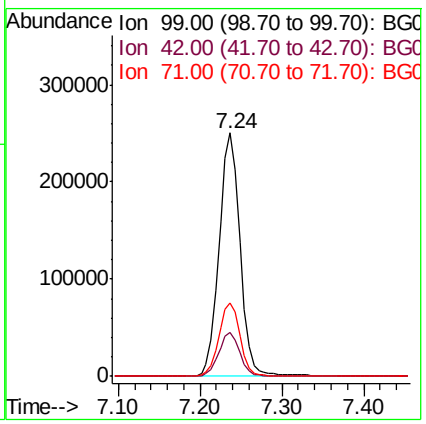


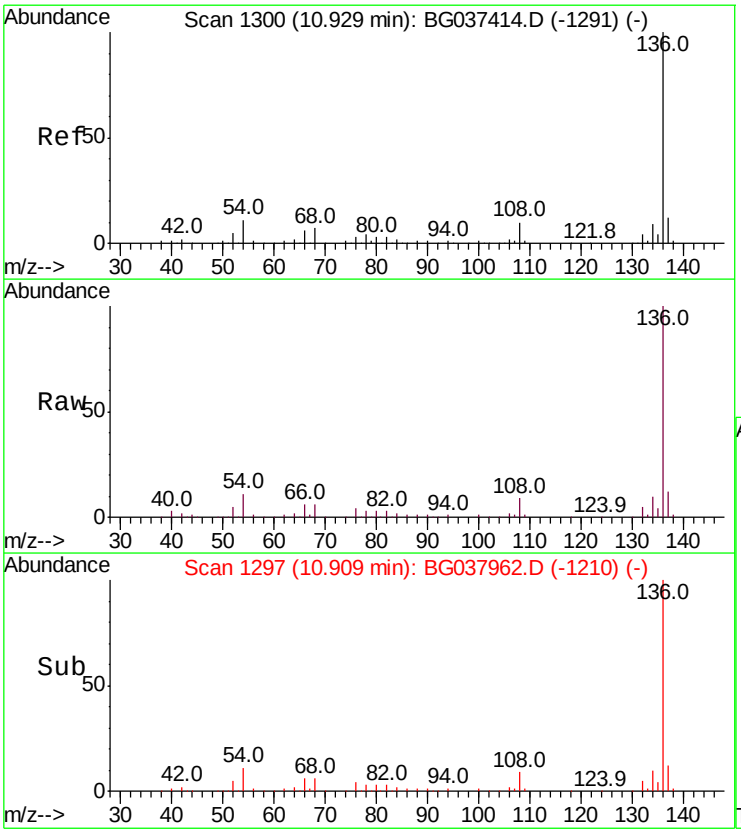

#7
Phenol-d6
Concen: 95.108 ng
RT: 7.24 min Scan# 672
Delta R.T. -0.01 min
Lab File: BG037962.D
Acq: 13 Nov 2018 2:40

**Instrument :**
BNA_G
**ClientSampleId :**
TP-4-S

Tgt Ion: 99 Resp: 447623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.1 | 15.0 | 22.4 |
| 71 | 30.4 | 25.5 | 38.3 |

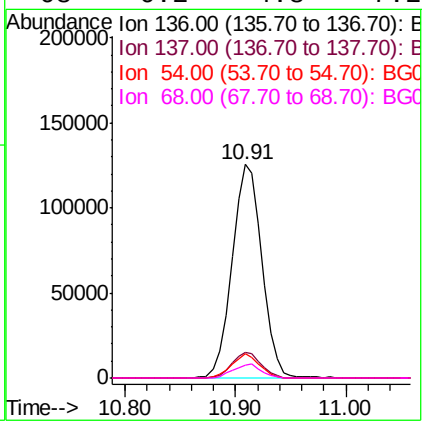


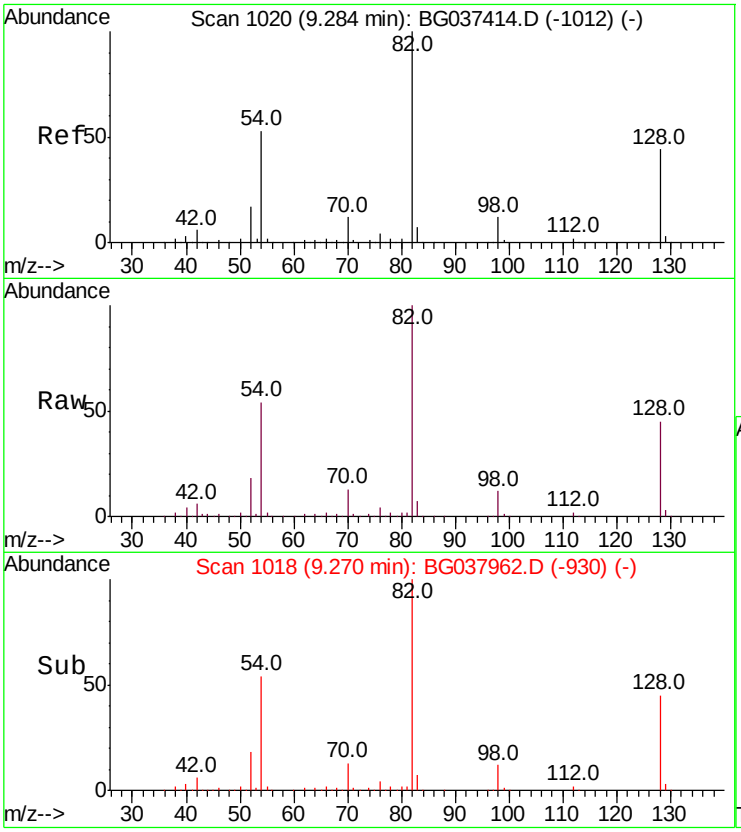




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037962.D
Acq: 13 Nov 2018 2:40

Tgt Ion:136 Resp: 237814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.1 | 9.6 | 14.4 |
| 54 | 11.2 | 7.9 | 11.9 |
| 68 | 6.2 | 4.8 | 7.2 |



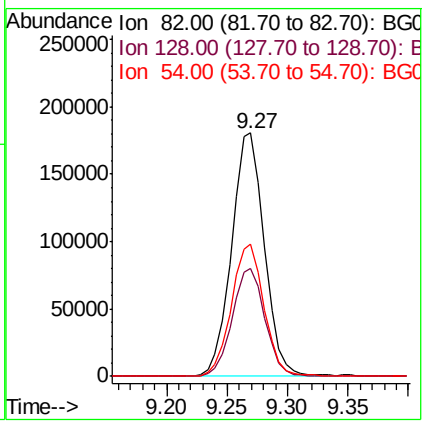


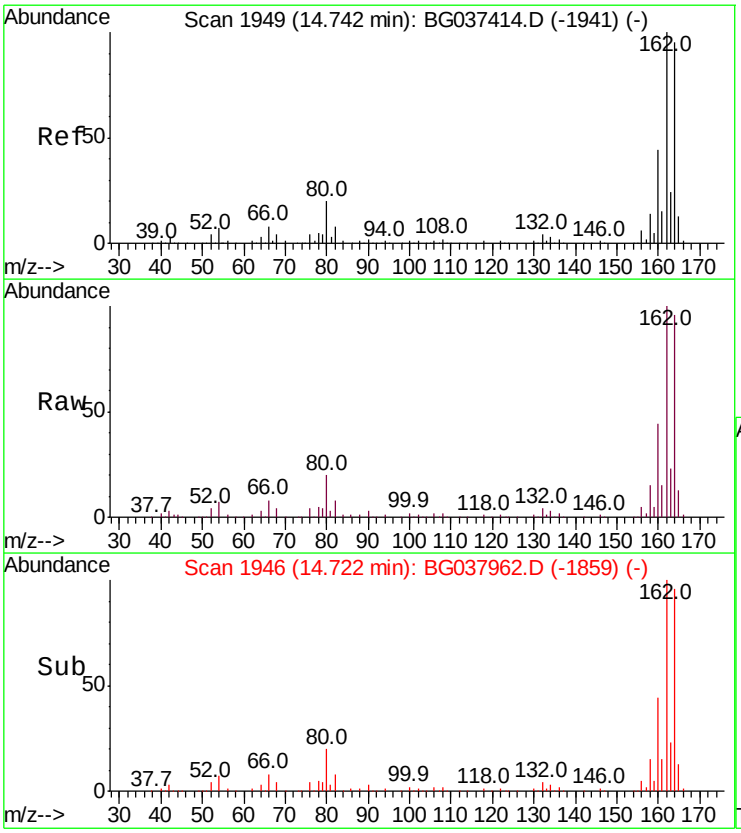

#23
Nitrobenzene-d5
Concen: 80.310 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037962.D
Acq: 13 Nov 2018 2:40

**Instrument :**
BNA_G
**ClientSampleId :**
TP-4-S

Tgt Ion: 82 Resp: 340935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.5 | 34.6 | 51.8 |
| 54 | 54.2 | 45.3 | 67.9 |

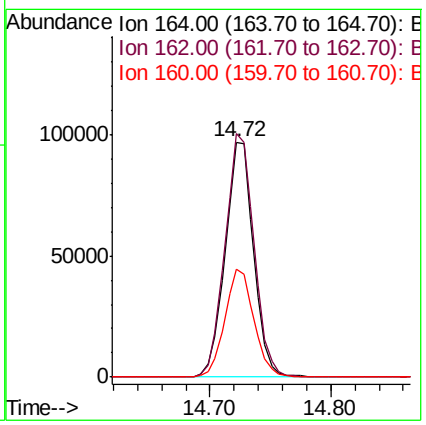


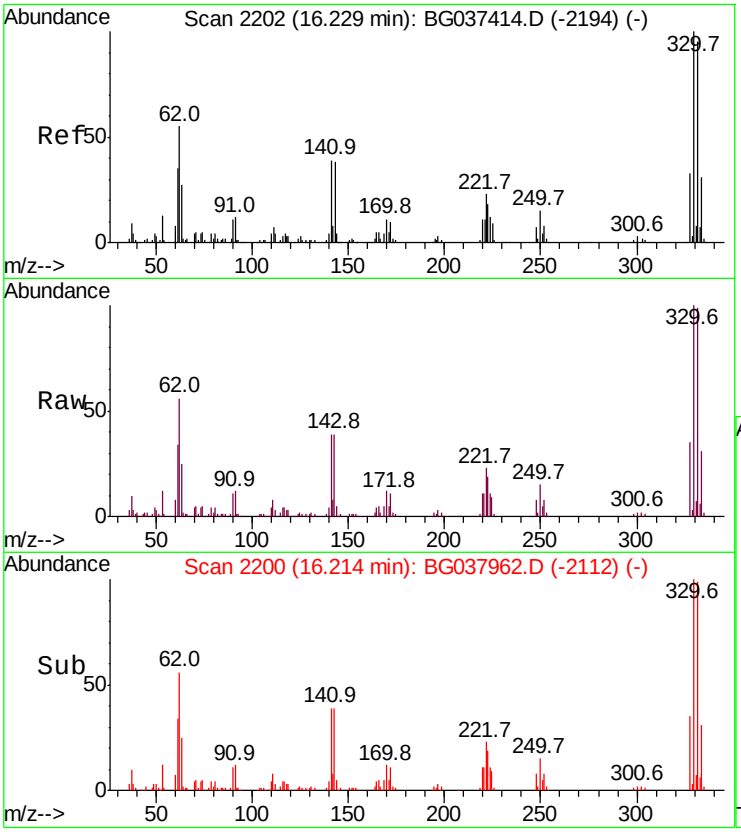




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG037962.D
Acq: 13 Nov 2018 2:40

Tgt Ion:164 Resp: 158124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.6 | 81.3 | 121.9 |
| 160 | 46.1 | 36.3 | 54.5 |



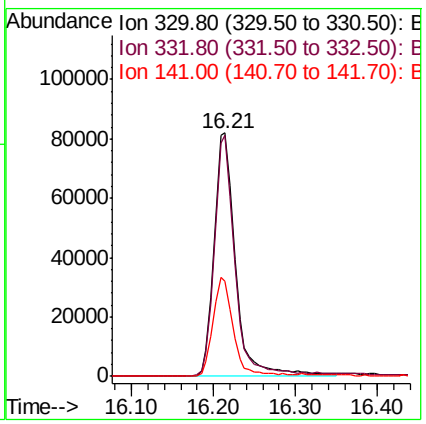


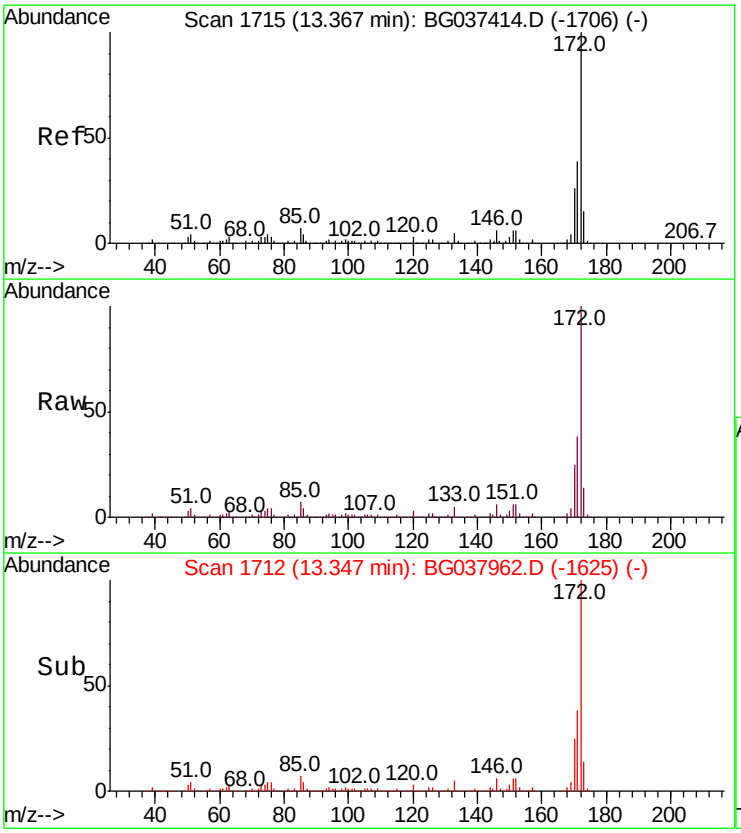

#42
2,4,6-Tribromophenol
Concen: 87.864 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG037962.D
Acq: 13 Nov 2018 2:40

**Instrument :**
BNA_G
**ClientSampleId :**
TP-4-S

Tgt Ion:330 Resp: 151534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.8 | 78.4 | 117.6 |
| 141 | 38.5 | 32.2 | 48.2 |

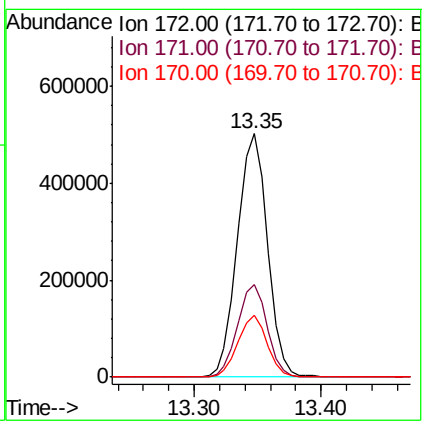


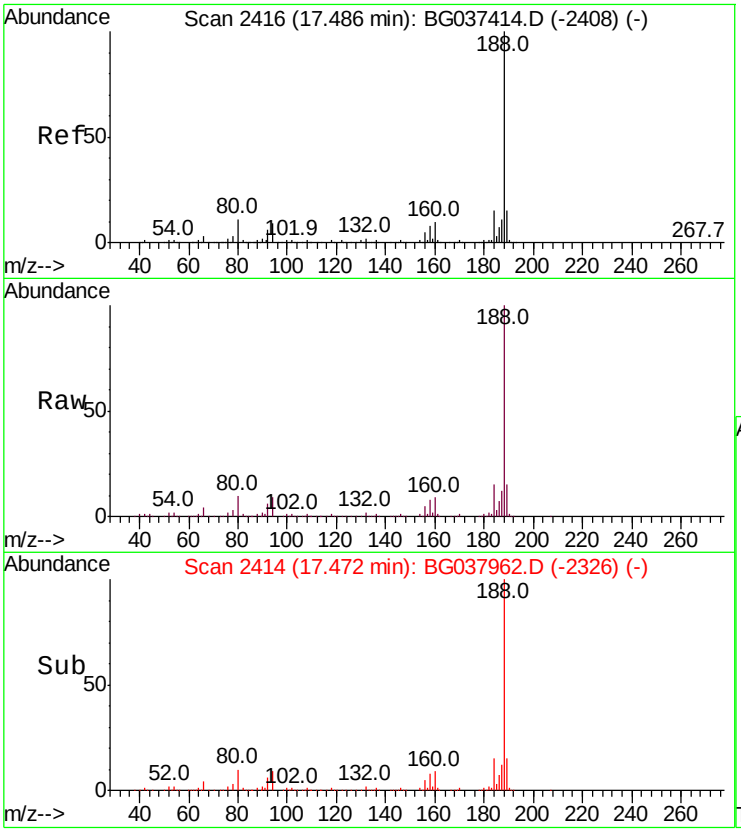




#45
2-Fluorobiphenyl
Concen: 79.014 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037962.D
Acq: 13 Nov 2018 2:40

Tgt Ion:172 Resp: 828548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.0 | 31.0 | 46.4 |
| 170 | 25.3 | 20.2 | 30.2 |



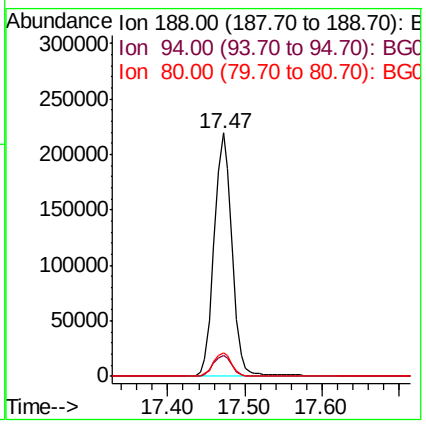


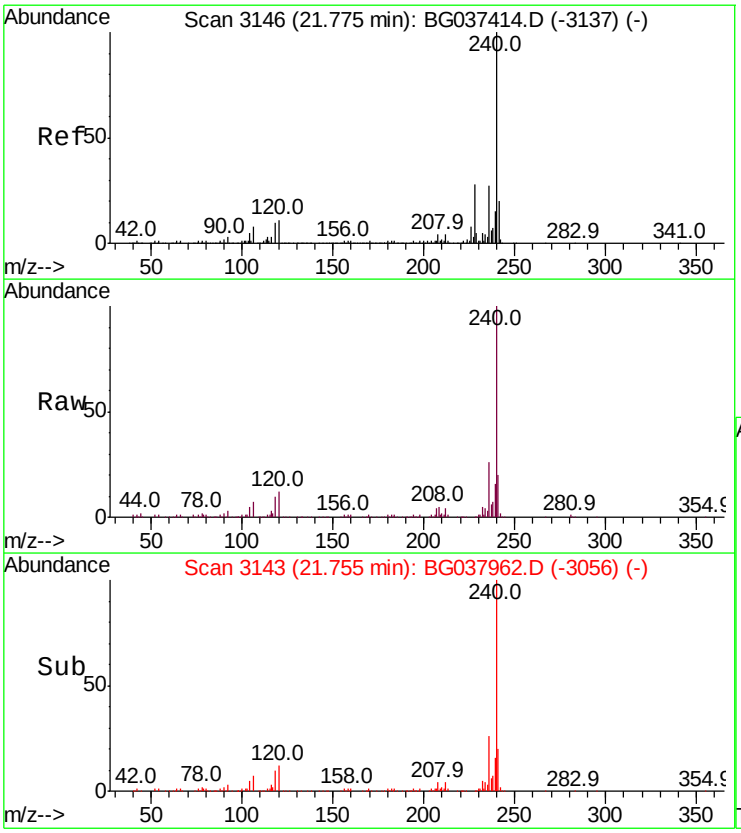

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037962.D
Acq: 13 Nov 2018 2:40

**Instrument :**
BNA_G
**ClientSampleId :**
TP-4-S

Tgt Ion:188 Resp: 349810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.7 | 7.2 | 10.8 |
| 80 | 9.9 | 7.7 | 11.5 |

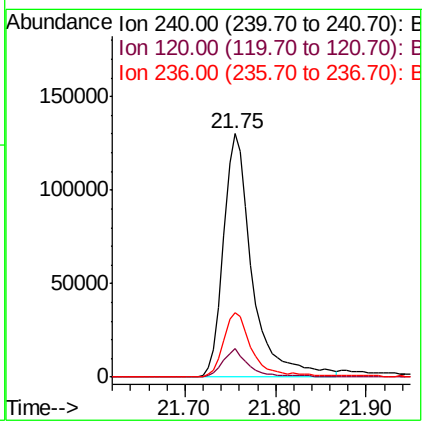


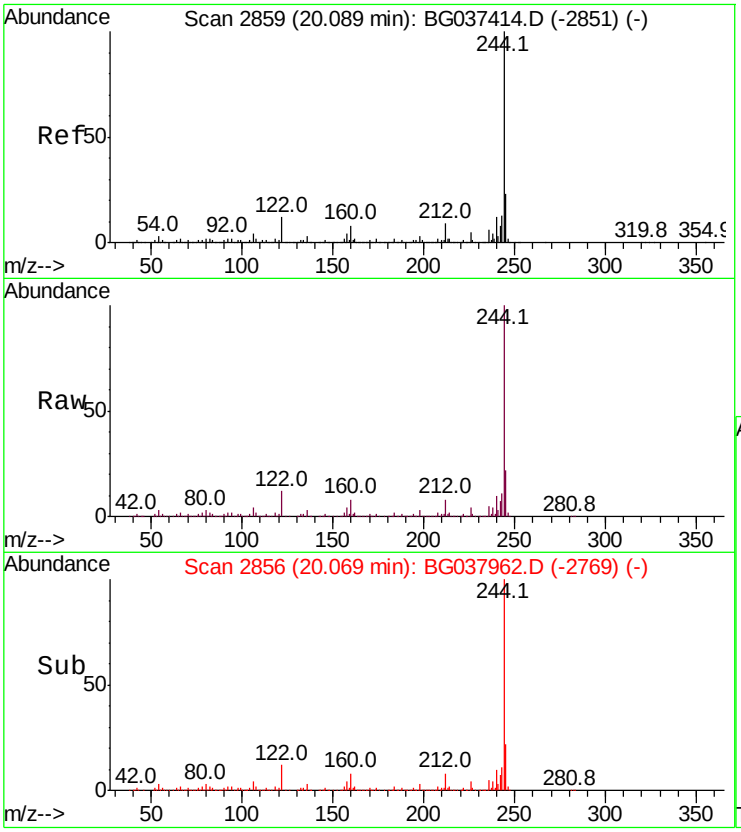




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037962.D
Acq: 13 Nov 2018 2:40

Tgt Ion:240 Resp: 286263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.9 | 8.1 | 12.1 |
| 236 | 26.2 | 21.4 | 32.0 |



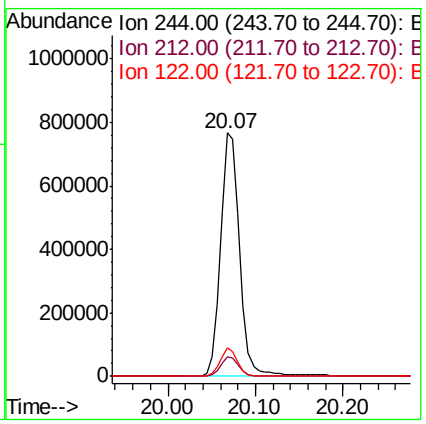


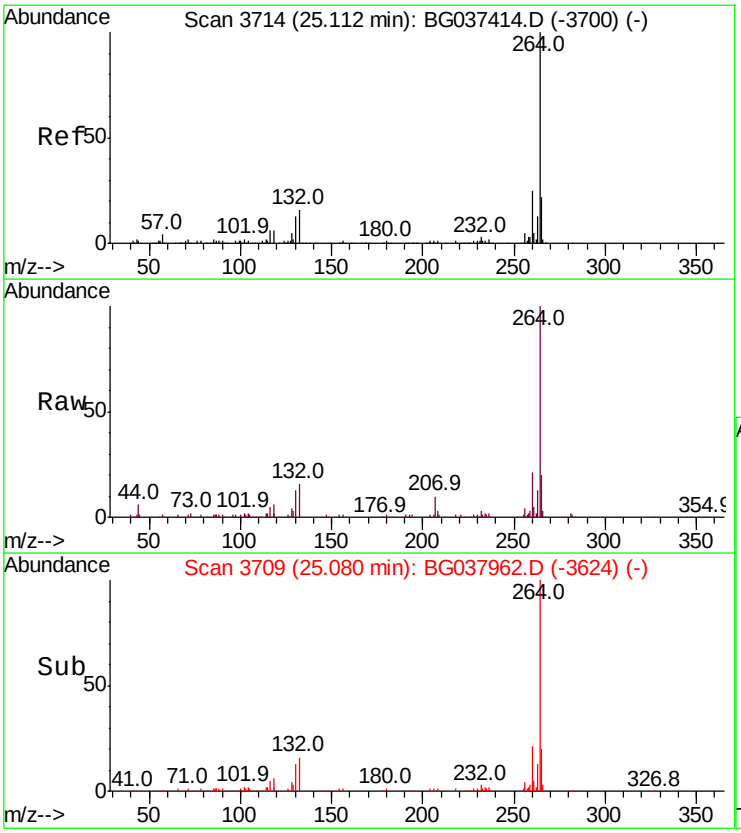

#79
Terphenyl-d14
Concen: 86.363 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BG037962.D
Acq: 13 Nov 2018 2:40

**Instrument :**
BNA_G
**ClientSampleId :**
TP-4-S

Tgt Ion:244 Resp: 1157001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.1 | 6.5 | 9.7 |
| 122 | 11.7 | 9.0 | 13.4 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.03 min
Lab File: BG037962.D
Acq: 13 Nov 2018 2:40

Tgt Ion:264 Resp: 204321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.3 | 18.2 | 27.4 |
| 265 | 20.1 | 17.9 | 26.9 |