Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
Data File : BG042960.D
Acq On : 1 Oct 2019 3:13
Operator : JU
Sample : K5054-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PAT-091019-C

Quant Time: Oct 01 08:10:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.07 | 152 | 69255 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.87 | 136 | 257869 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.69 | 164 | 181096 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.43 | 188 | 433540 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.70 | 240 | 484692 | 20.00 | ng | -0.02 |
| 87) Perylene-d12 | 24.92 | 264 | 546897 | 20.00 | ng | -0.04 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.66 | 112 | 513689 | 132.37 | ng | 0.00 |
| 7) Phenol-d6 | 7.24 | 99 | 723396 | 129.45 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.23 | 82 | 465580 | 87.76 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.17 | 330 | 429989 | 138.08 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.31 | 172 | 1148803 | 91.96 | ng | -0.01 |
| 79) Terphenyl-d14 | 20.04 | 244 | 2137227 | 93.96 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 7.27 | 94 | 11030 | 2.151 | ng | 83 |
| 50) Dimethylphthalate | 14.14 | 163 | 90323 | 6.657 | ng | 99 |

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

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Data File : BG042960.D
Acq On : 1 Oct 2019 3:13
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Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
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**ClientSampleId :**
PAT-091019-C

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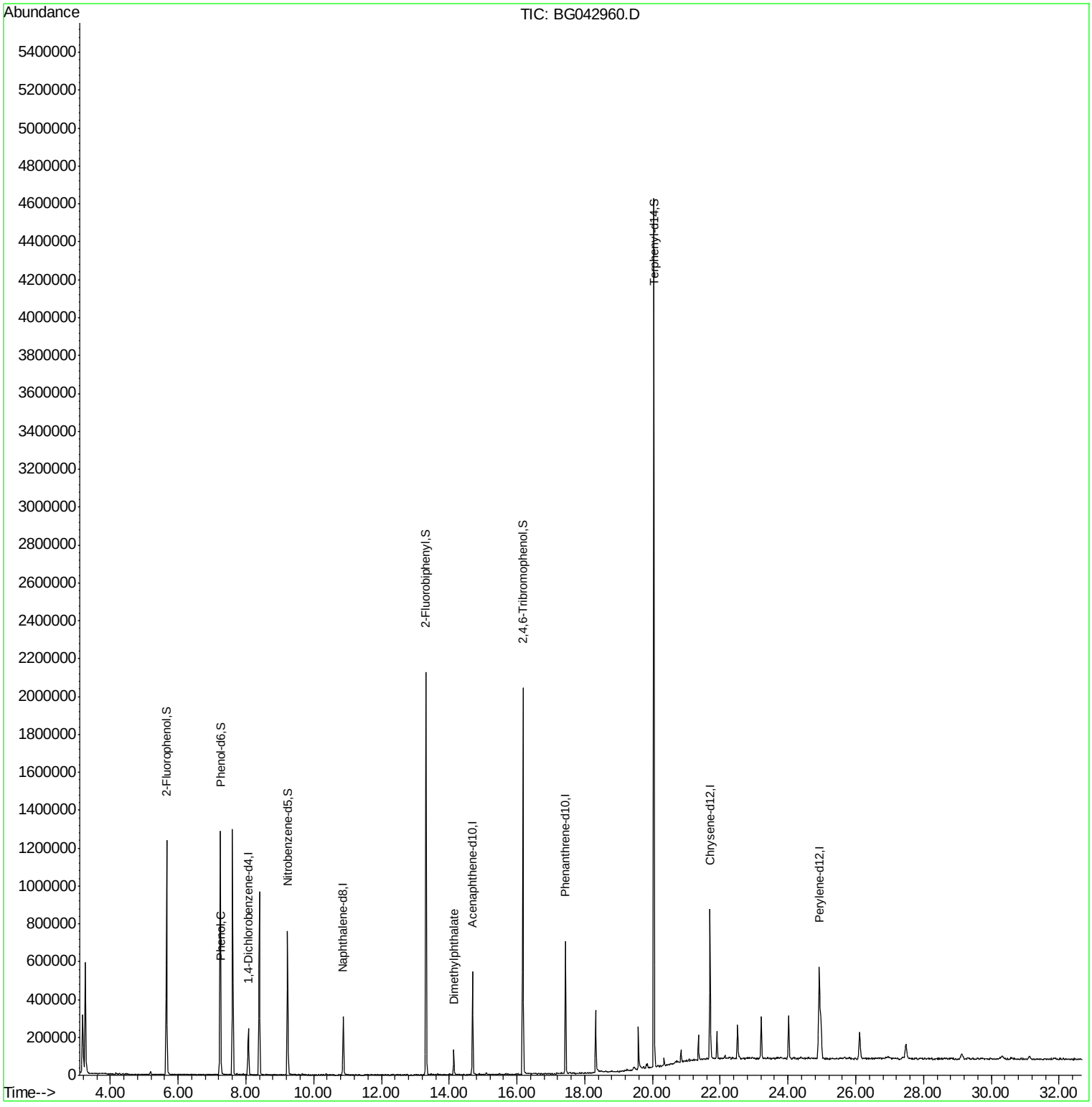
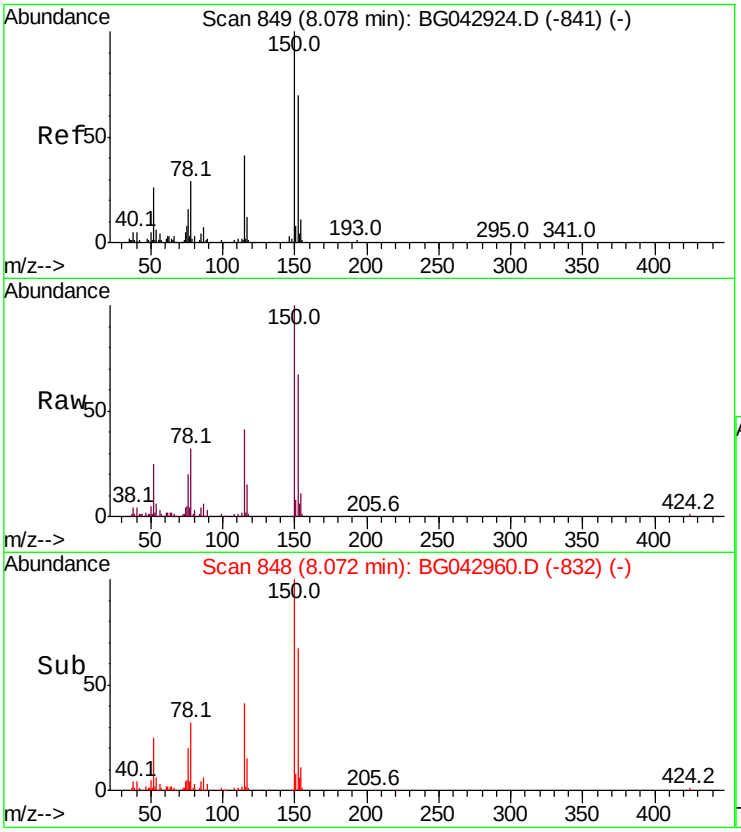


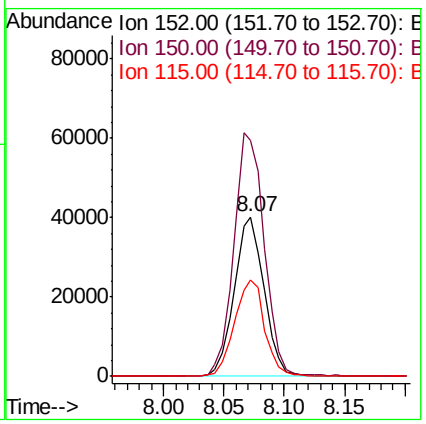


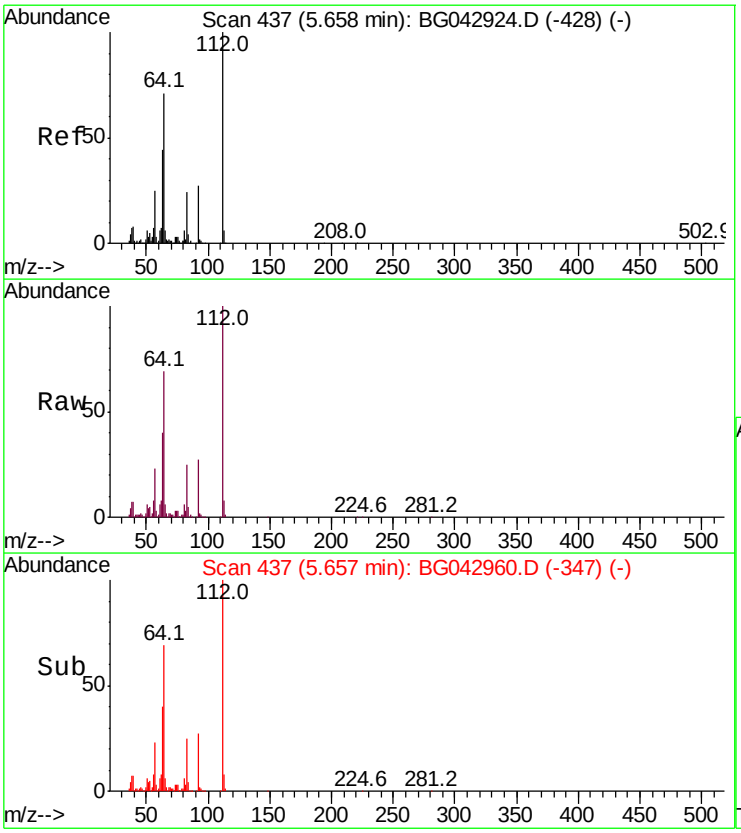

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

**Instrument :**
BNA_G
**ClientSampleId :**
PAT-091019-C

Tgt Ion:152 Resp: 69255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 148.3 | 115.0 | 172.4 |
| 115 | 60.6 | 47.0 | 70.6 |

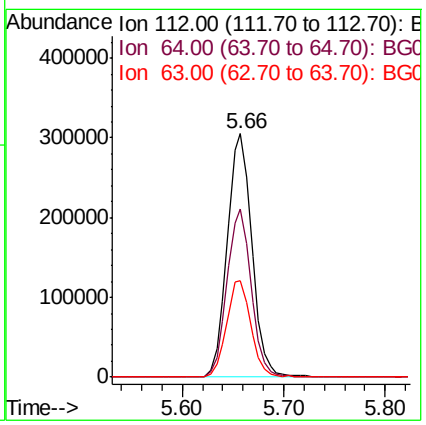


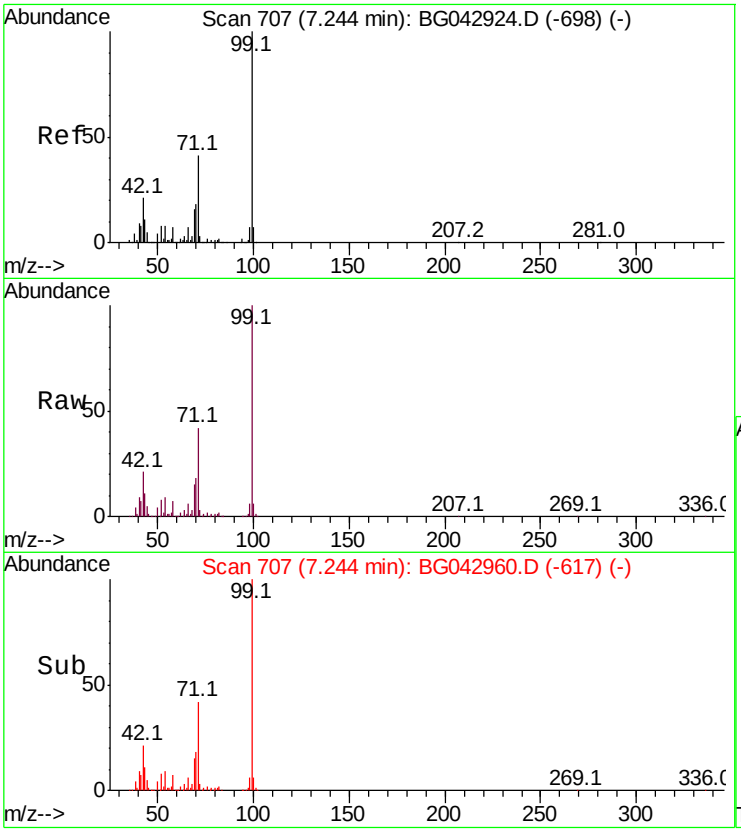




#5
2-Fluorophenol
Concen: 132.372 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion:112 Resp: 513689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 69.2 | 56.6 | 84.8 |
| 63 | 39.6 | 35.1 | 52.7 |



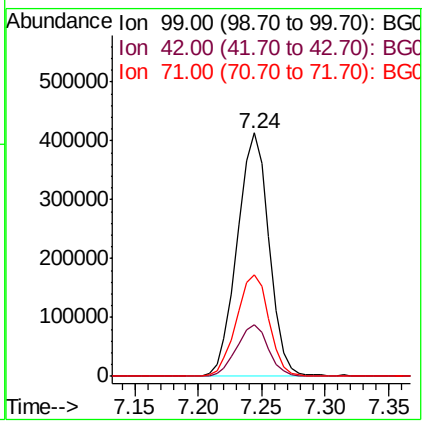


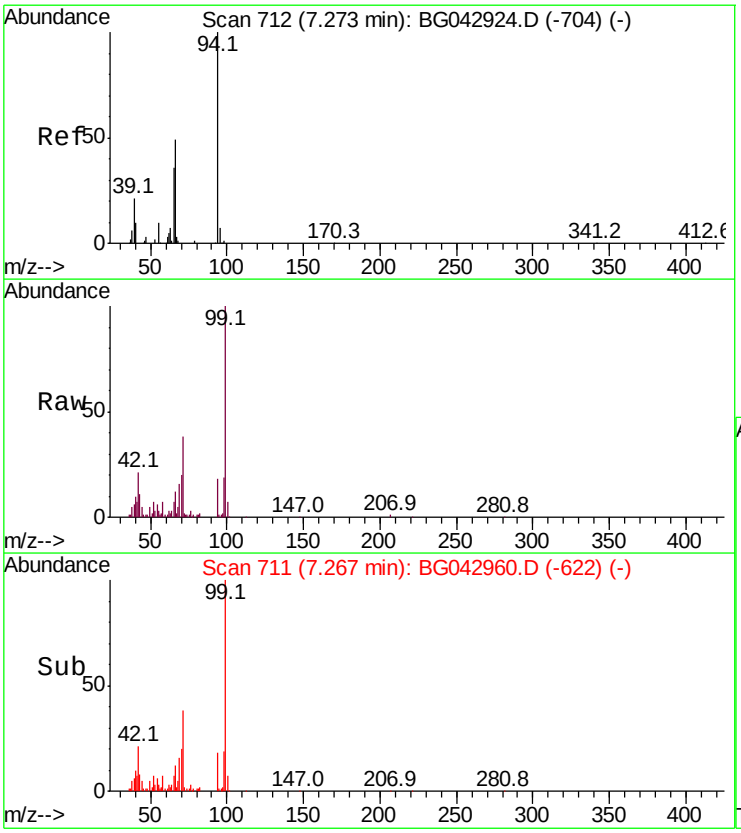

#7
Phenol-d6
Concen: 129.447 ng
RT: 7.24 min Scan# 707
Delta R.T. -0.00 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

**Instrument :**
BNA_G
**ClientSampleId :**
PAT-091019-C

Tgt Ion: 99 Resp: 723396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.4 | 17.2 | 25.8 |
| 71 | 41.7 | 33.1 | 49.7 |

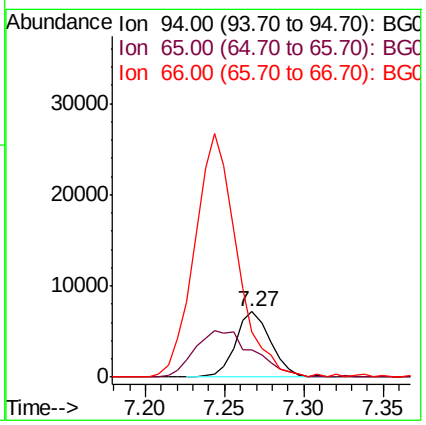


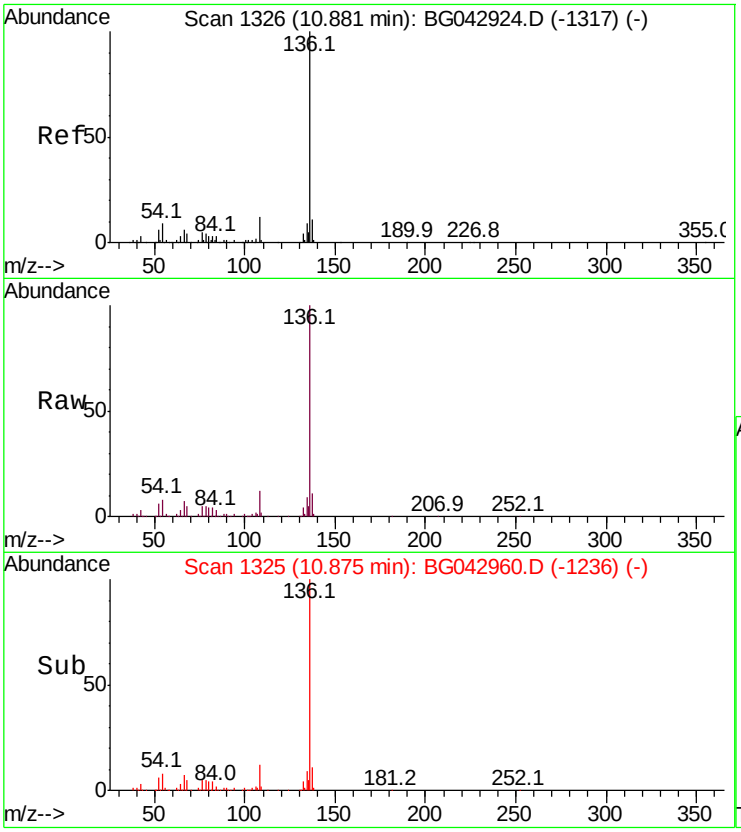




#10
Phenol
Concen: 2.151 ng
RT: 7.27 min Scan# 711
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion: 94 Resp: 11030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 42.0 | 16.6 | 56.6 |
| 66 | 68.4 | 32.4 | 72.4 |



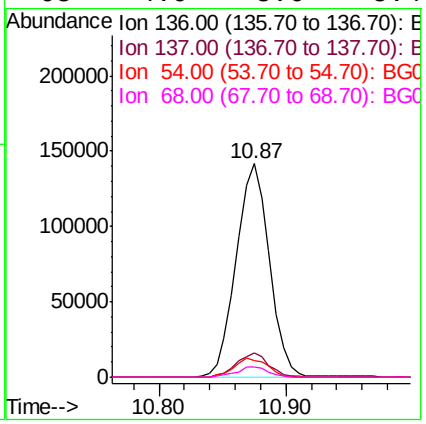


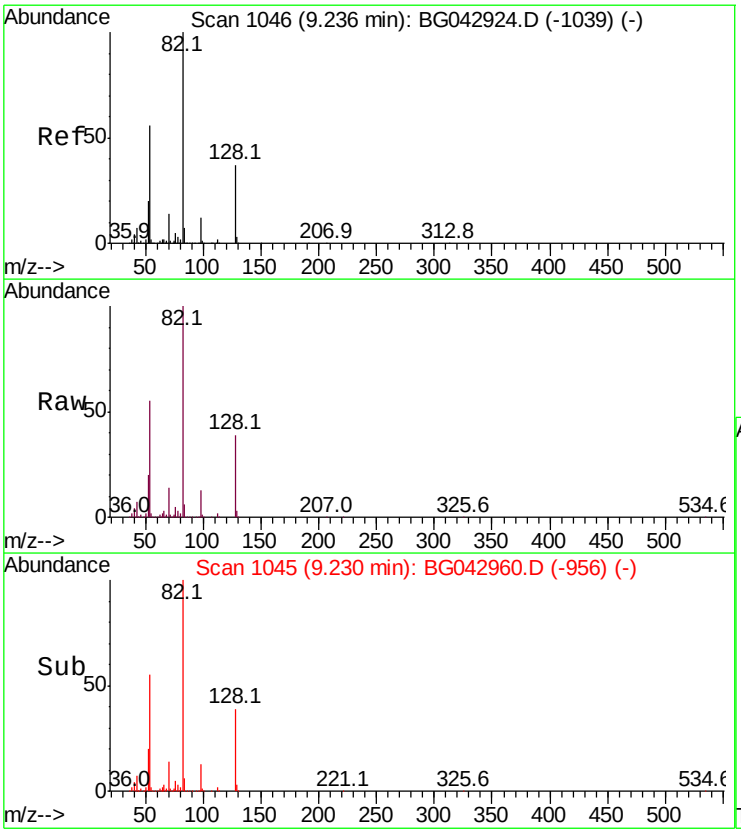

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

**Instrument :**
BNA_G
**ClientSampleId :**
PAT-091019-C

Tgt Ion:136 Resp: 257869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 8.5 | 12.7 |
| 54 | 8.1 | 7.4 | 11.2 |
| 68 | 4.9 | 3.6 | 5.4 |

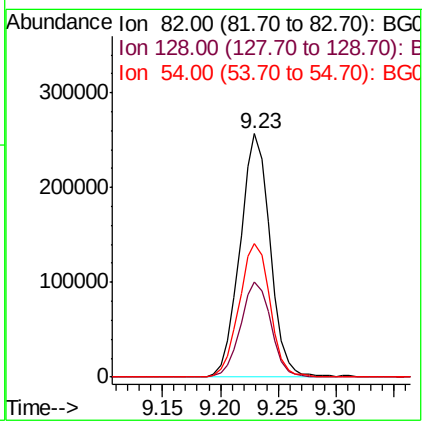


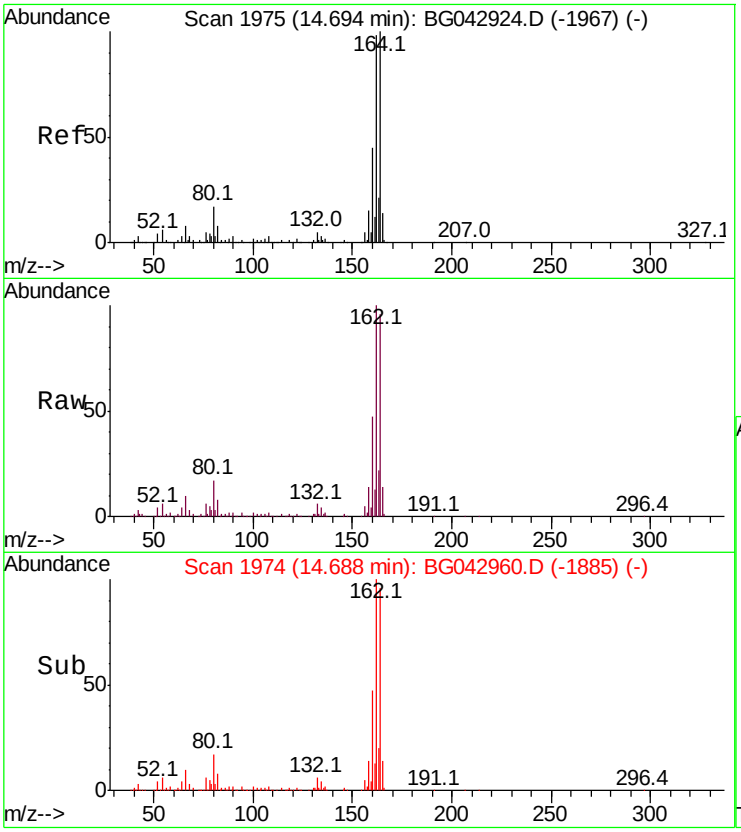




#23
Nitrobenzene-d5
Concen: 87.756 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion: 82 Resp: 465580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.2 | 29.5 | 44.3 |
| 54 | 55.0 | 44.6 | 67.0 |



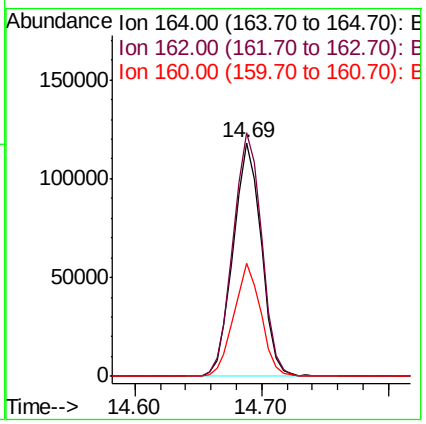


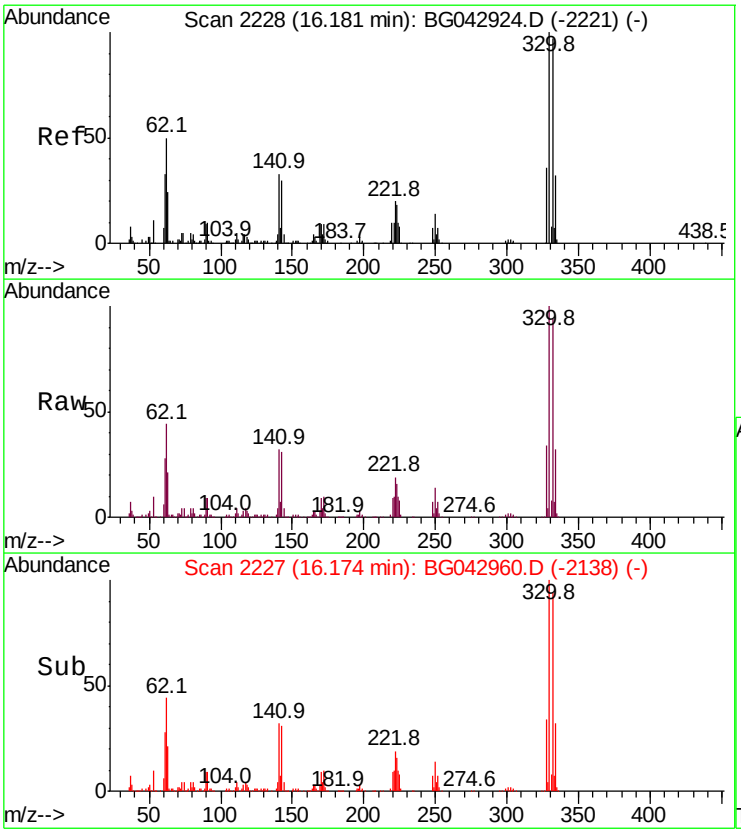

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

**Instrument :**
BNA_G
**ClientSampleId :**
PAT-091019-C

Tgt Ion:164 Resp: 181096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.1 | 78.5 | 117.7 |
| 160 | 48.5 | 35.9 | 53.9 |

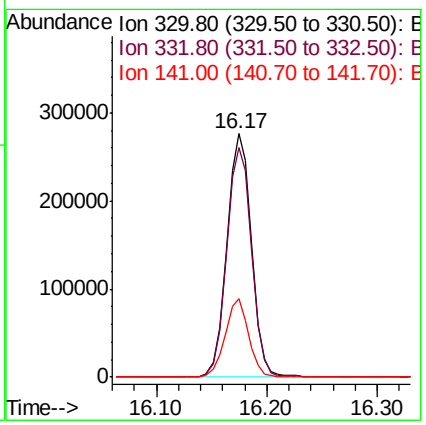


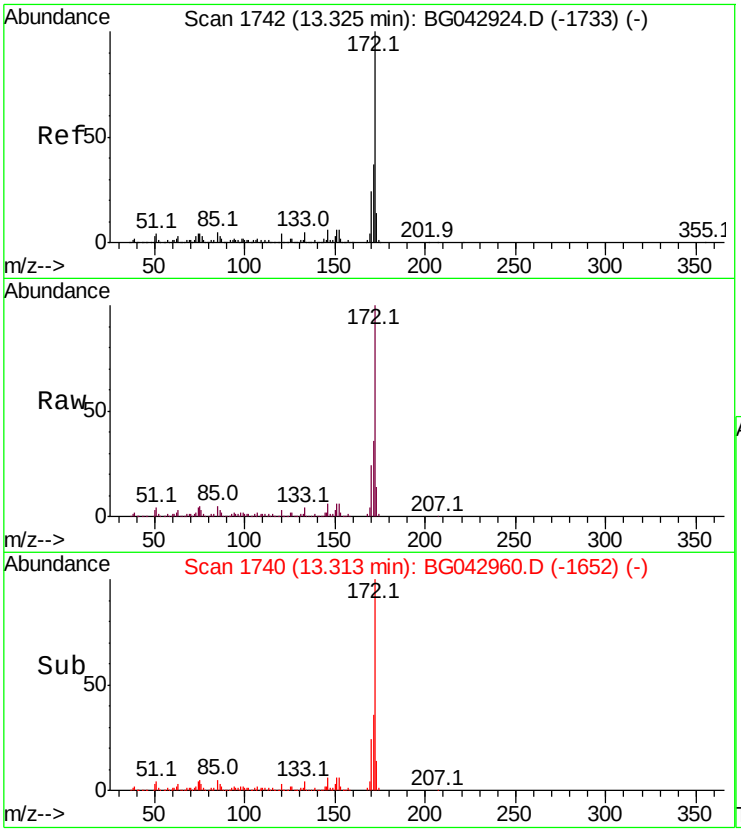




#42
2,4,6-Tribromophenol
Concen: 138.080 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion:330 Resp: 429989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.1 | 78.2 | 117.2 |
| 141 | 31.0 | 26.0 | 39.0 |



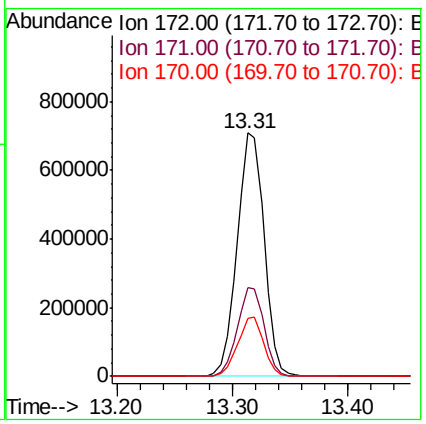


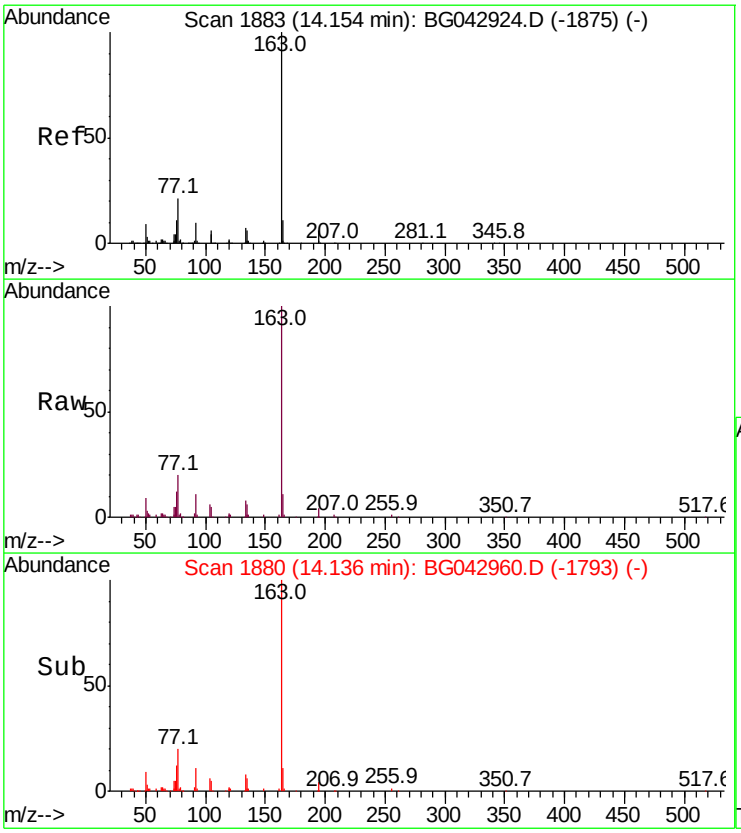

#45
2-Fluorobiphenyl
Concen: 91.963 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

**Instrument :**
BNA_G
**ClientSampleId :**
PAT-091019-C

Tgt Ion:172 Resp: 1148803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.3 | 29.6 | 44.4 |
| 170 | 23.9 | 19.6 | 29.4 |

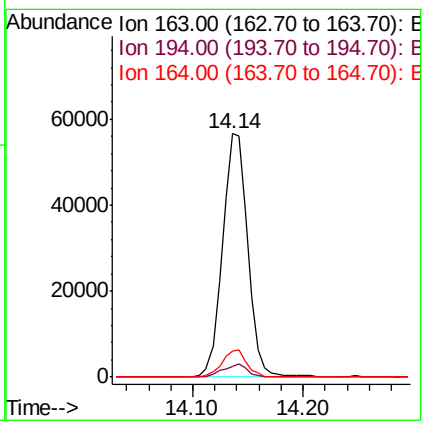


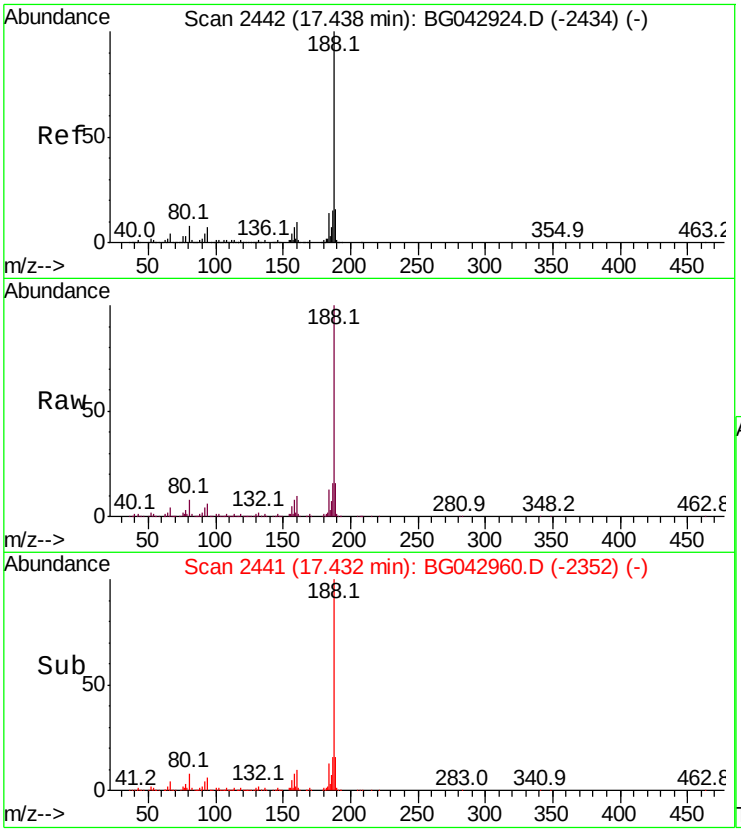




#50
Dimethylphthalate
Concen: 6.657 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion:163 Resp: 90323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.5 | 4.4 | 6.6 |
| 164 | 10.9 | 8.6 | 12.8 |



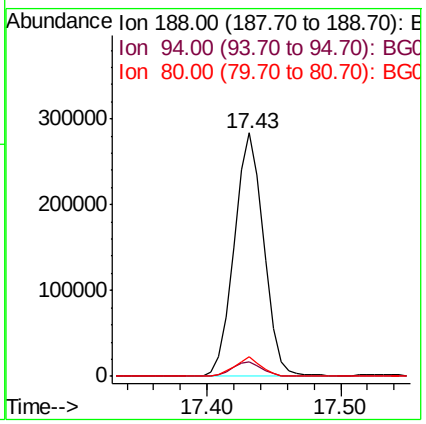


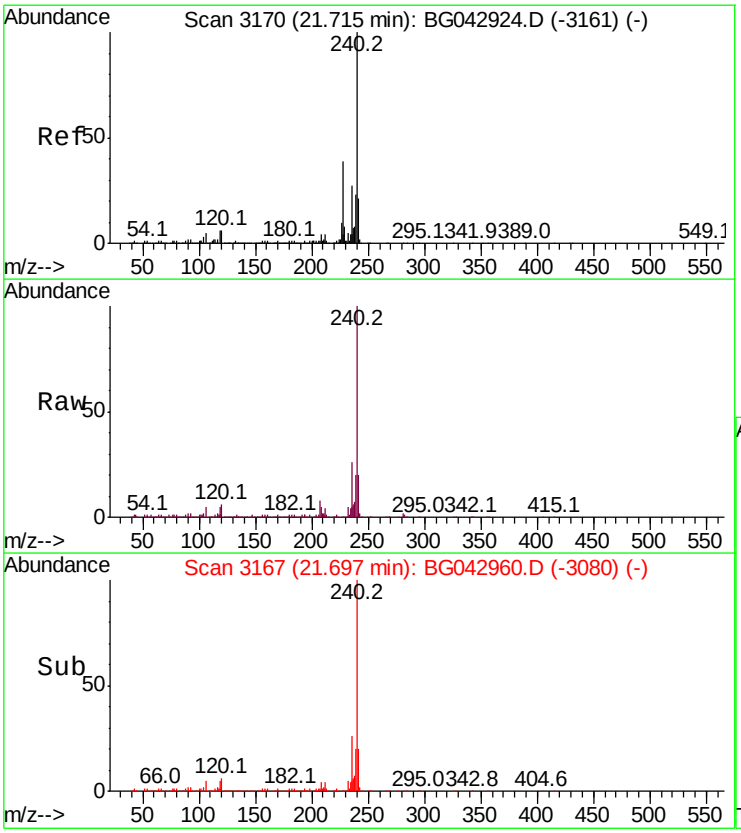

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

**Instrument :**
BNA_G
**ClientSampleId :**
PAT-091019-C

Tgt Ion:188 Resp: 433540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.0 | 5.7 | 8.5 |
| 80 | 8.2 | 6.5 | 9.7 |

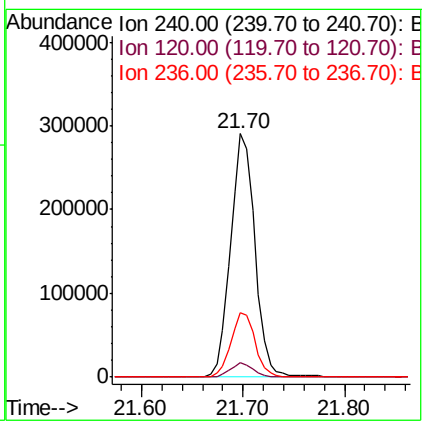


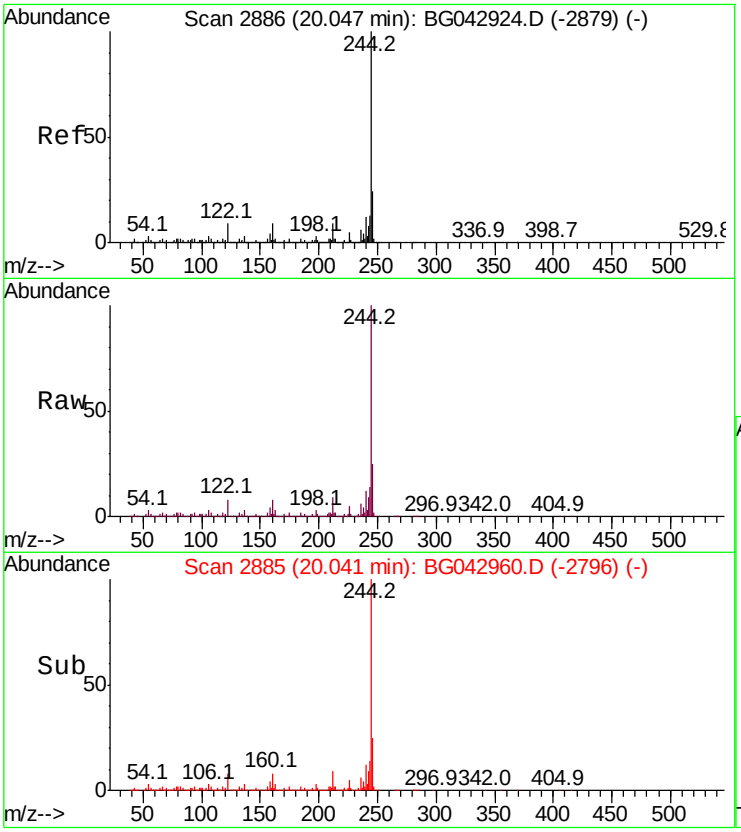




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion:240 Resp: 484692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.7 | 4.8 | 7.2 |
| 236 | 26.3 | 21.4 | 32.0 |



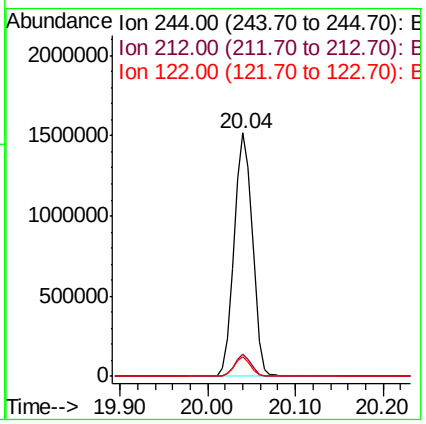


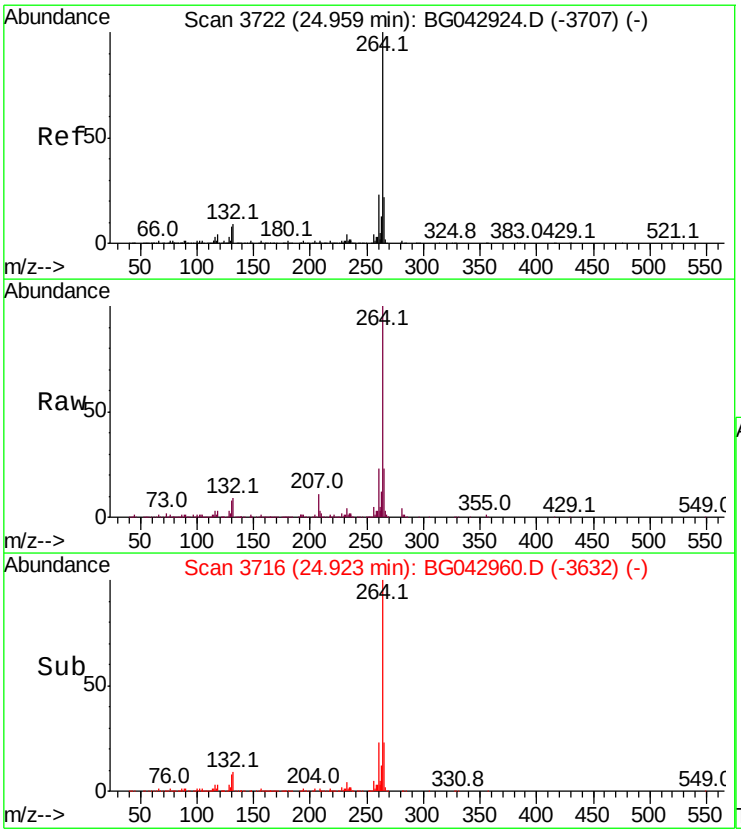

#79
Terphenyl-d14
Concen: 93.960 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

**Instrument :**
BNA_G
**ClientSampleId :**
PAT-091019-C

Tgt Ion:244 Resp: 2137227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.0 | 7.4 | 11.0 |
| 122 | 8.1 | 7.0 | 10.4 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.04 min
Lab File: BG042960.D
Acq: 1 Oct 2019 3:13

Tgt Ion:264 Resp: 546897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.7 | 18.7 | 28.1 |
| 265 | 23.2 | 17.7 | 26.5 |