Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044004.D
Acq On : 10 Jan 2020 16:14
Operator : JU
Sample : L1070-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** RBR-200030

Quant Time: Jan 11 04:54:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.95 | 152 | 115360 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.75 | 136 | 484421 | 20.00 | ng | -0.02 |
| 39) Acenaphthene-d10 | 14.58 | 164 | 315497 | 20.00 | ng | -0.02 |
| 64) Phenanthrene-d10 | 17.33 | 188 | 667136 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.57 | 240 | 578393 | 20.00 | ng | -0.02 |
| 87) Perylene-d12 | 24.69 | 264 | 636823 | 20.00 | ng | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.53 | 112 | 798013 | 127.02 | ng | 0.00 |
| 7) Phenol-d6 | 7.12 | 99 | 1117579 | 127.25 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.11 | 82 | 654590 | 72.29 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.07 | 330 | 413428 | 125.22 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 13.21 | 172 | 1445644 | 83.02 | ng | -0.02 |
| 79) Terphenyl-d14 | 19.94 | 244 | 2046646 | 85.43 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 7.14 | 94 | 31156 | 3.443 | ng | 95 |
| 50) Dimethylphthalate | 14.04 | 163 | 144310 | 6.442 | ng | 98 |

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044004.D
Acq On : 10 Jan 2020 16:14
Operator : JU
Sample : L1070-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RBR-200030

Quant Time: Jan 11 04:54:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
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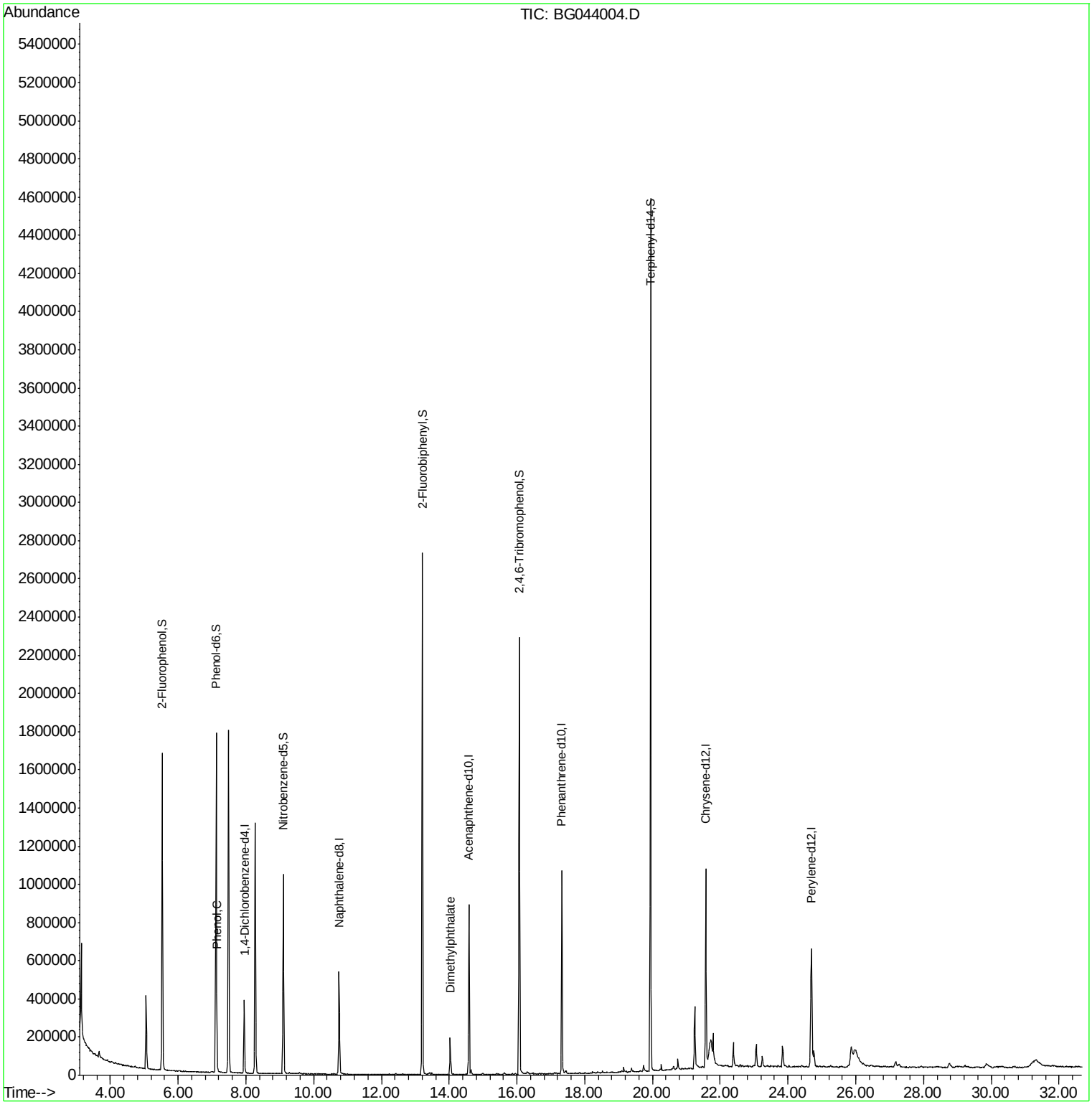
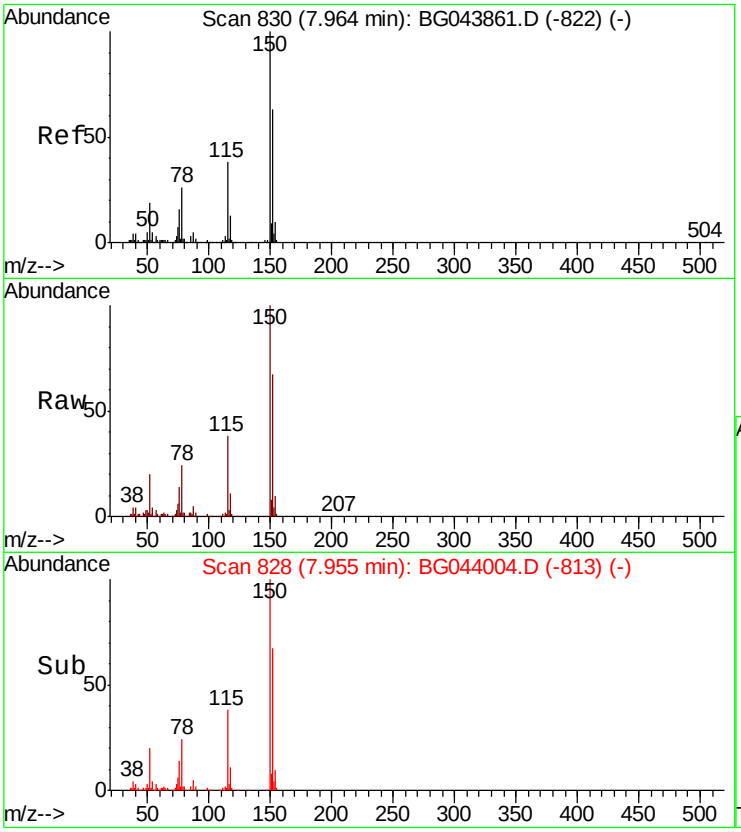


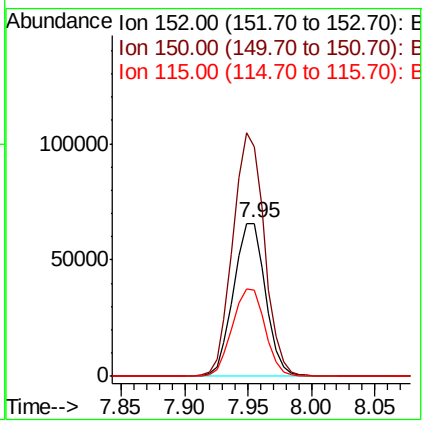


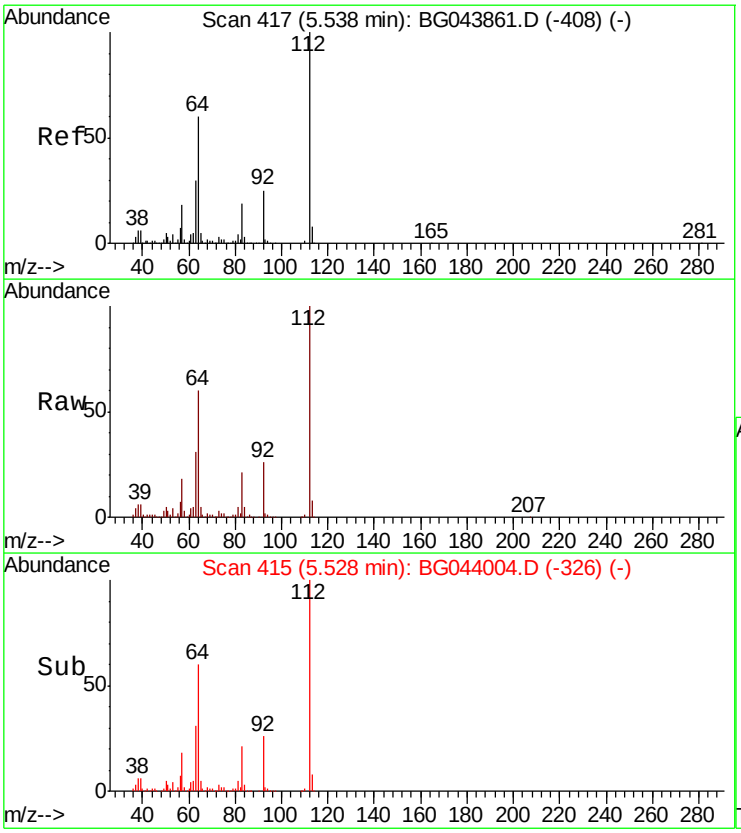

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG044004.D
Acq: 10 Jan 2020 16:14

**Instrument :**
BNA_G
**ClientSampleId :**
RBR-200030

Tgt Ion:152 Resp: 115360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 149.9 | 127.0 | 190.4 |
| 115 | 56.6 | 47.8 | 71.8 |

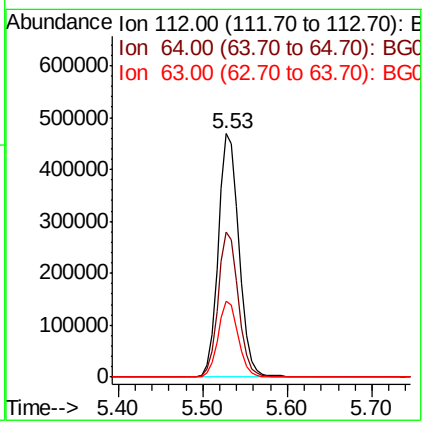


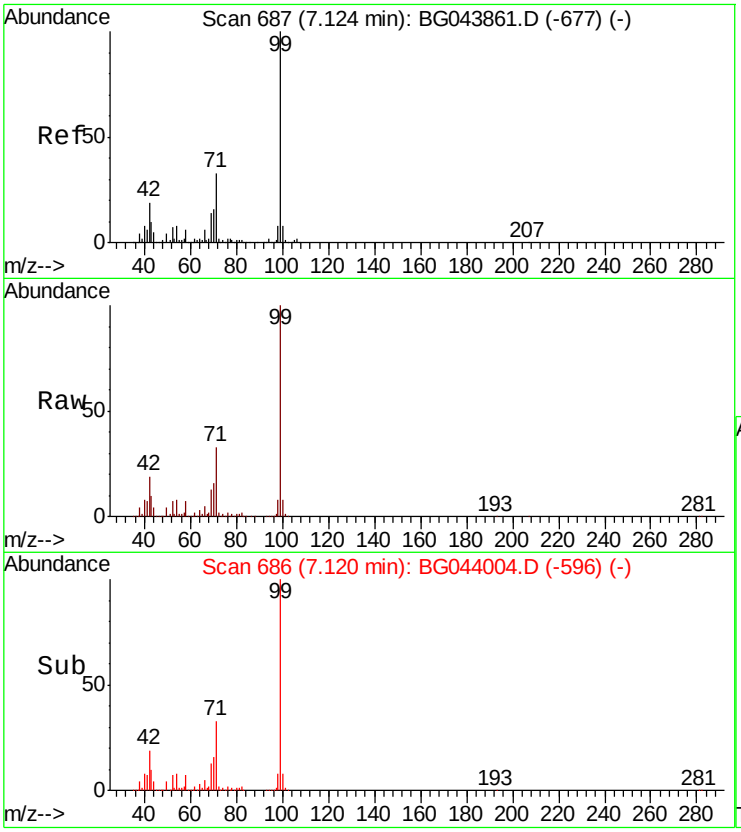




#5
2-Fluorophenol
Concen: 127.015 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG044004.D
Acq: 10 Jan 2020 16:14

Tgt Ion:112 Resp: 798013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.8 | 47.8 | 71.6 |
| 63 | 31.1 | 24.3 | 36.5 |



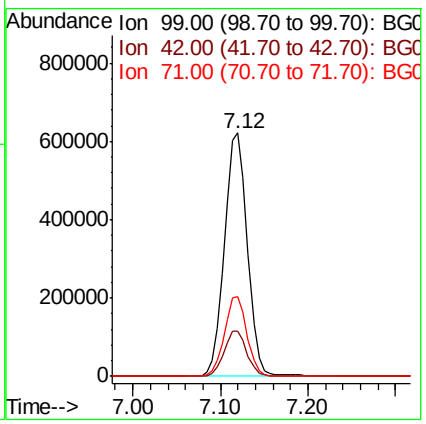


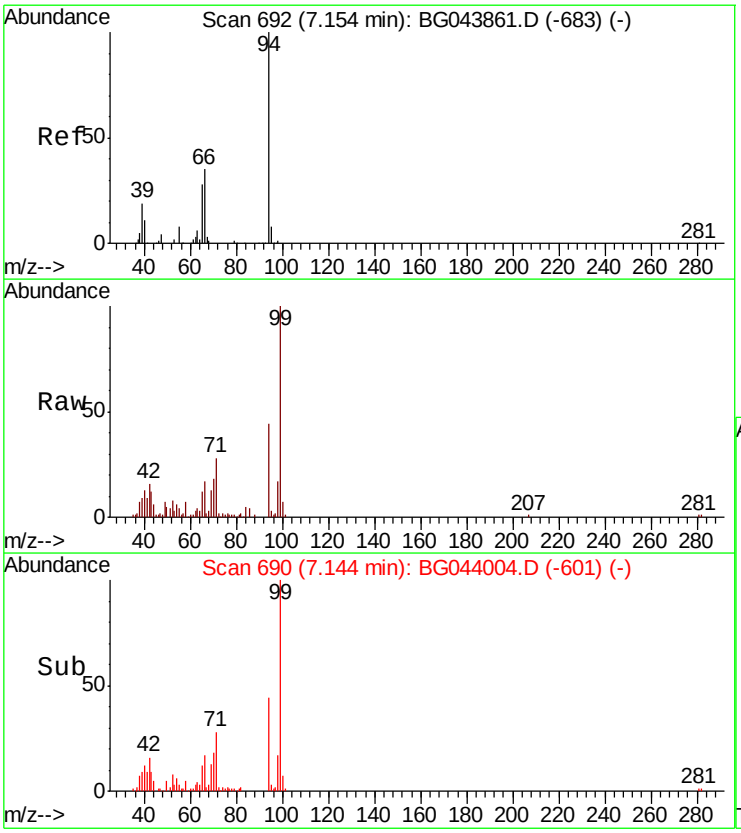

#7
Phenol-d6
Concen: 127.255 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.00 min
Lab File: BG044004.D
Acq: 10 Jan 2020 16:14

**Instrument :**
BNA_G
**ClientSampleId :**
RBR-200030

Tgt Ion: 99 Resp: 1117579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.6 | 14.9 | 22.3 |
| 71 | 32.8 | 26.4 | 39.6 |

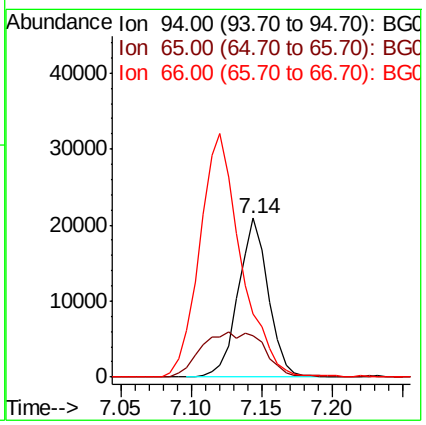


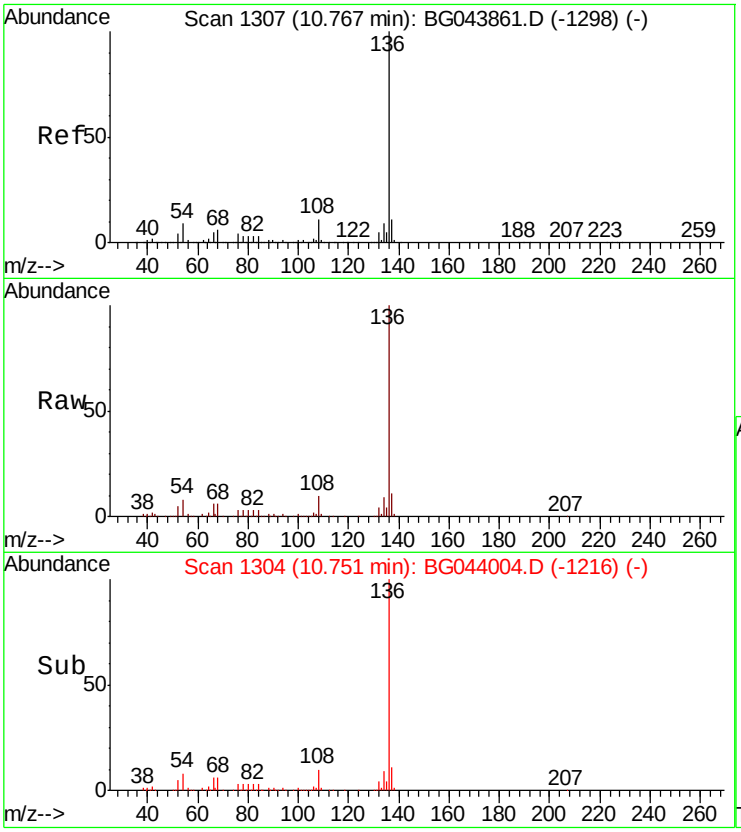




#10
Phenol
Concen: 3.443 ng
RT: 7.14 min Scan# 690
Delta R.T. -0.01 min
Lab File: BG044004.D
Acq: 10 Jan 2020 16:14

Tgt Ion: 94 Resp: 31156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 26.2 | 8.1 | 48.1 |
| 66 | 39.6 | 15.6 | 55.6 |



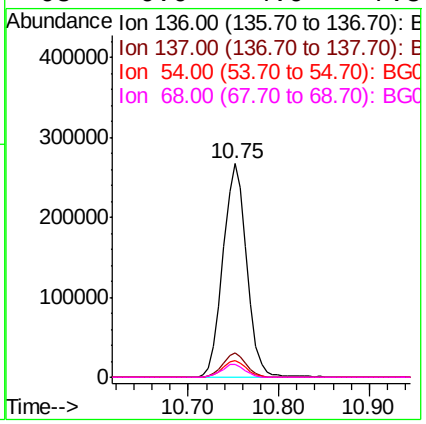


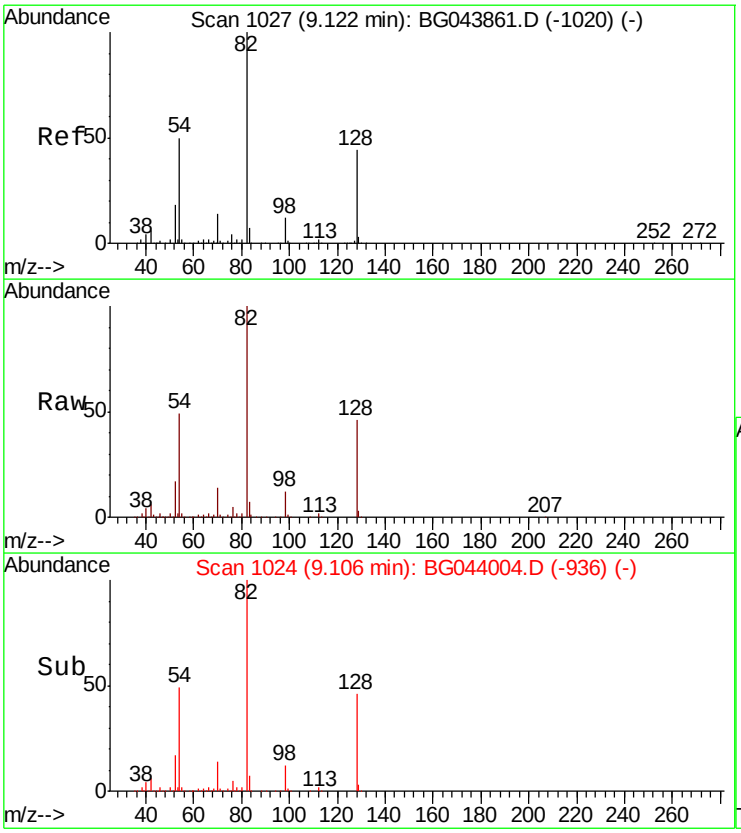

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG044004.D
Acq: 10 Jan 2020 16:14

**Instrument :**
BNA_G
**ClientSampleId :**
RBR-200030

Tgt Ion:136 Resp: 484421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.8 | 13.2 |
| 54 | 7.7 | 7.0 | 10.4 |
| 68 | 6.0 | 4.9 | 7.3 |

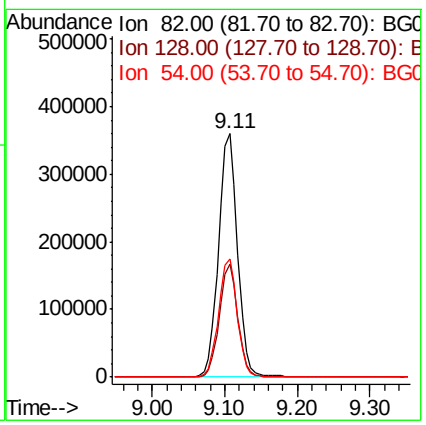


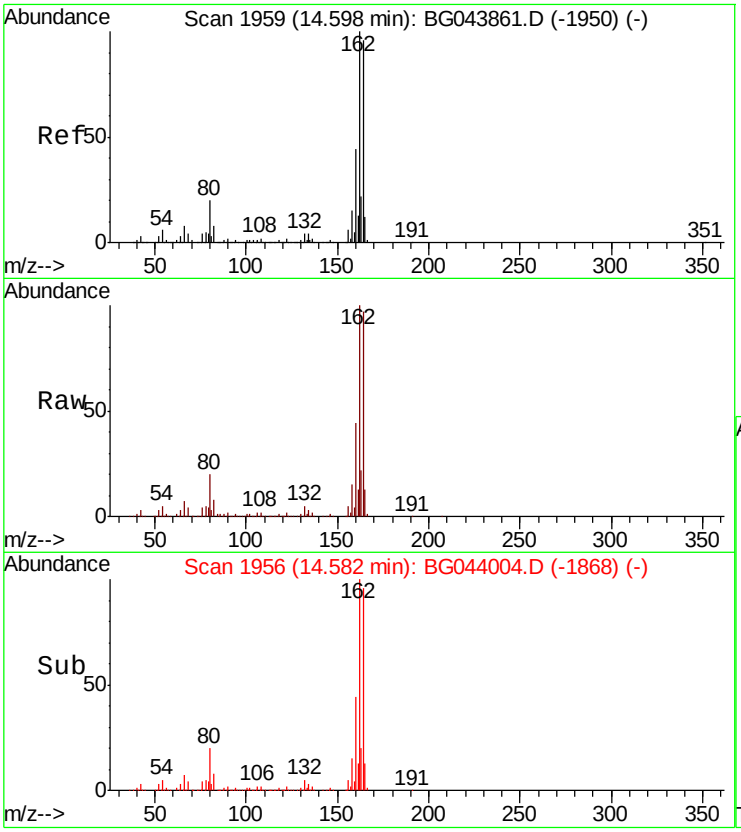




#23
Nitrobenzene-d5
Concen: 72.288 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG044004.D
Acq: 10 Jan 2020 16:14

Tgt Ion: 82 Resp: 654590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.4 | 35.1 | 52.7 |
| 54 | 48.8 | 40.1 | 60.1 |



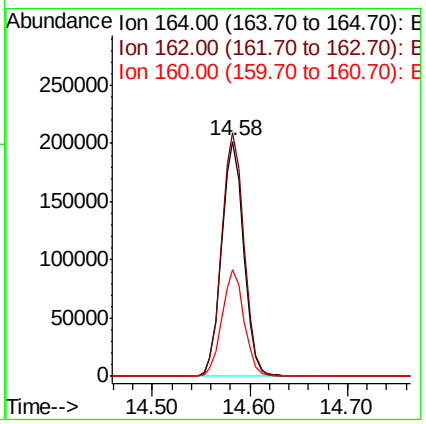


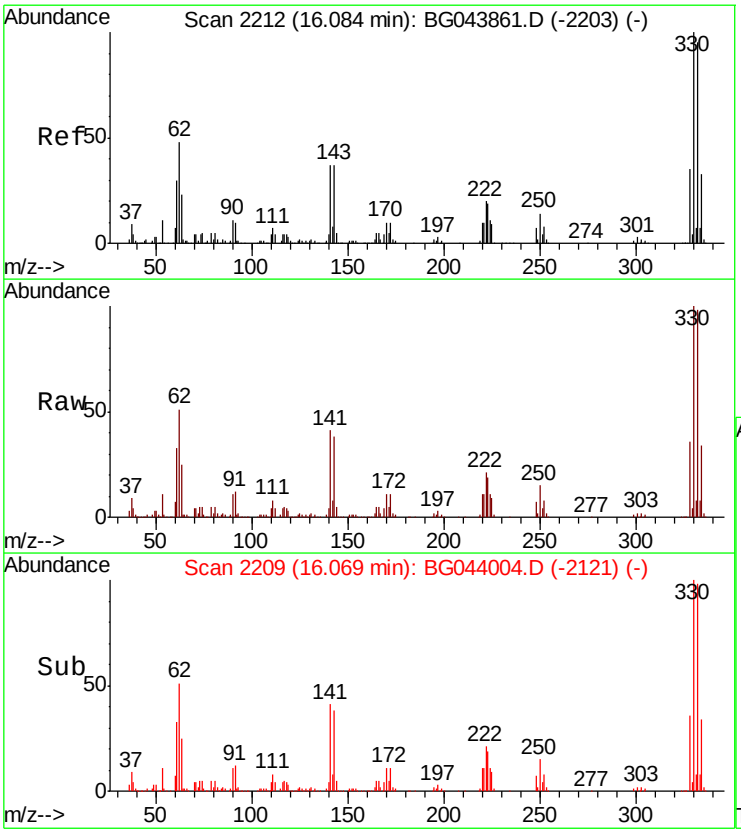

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG044004.D
Acq: 10 Jan 2020 16:14

**Instrument :**
BNA_G
**ClientSampleId :**
RBR-200030

Tgt Ion:164 Resp: 315497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.6 | 83.0 | 124.4 |
| 160 | 45.1 | 36.1 | 54.1 |

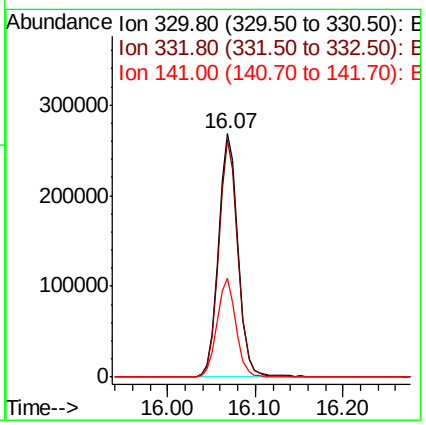


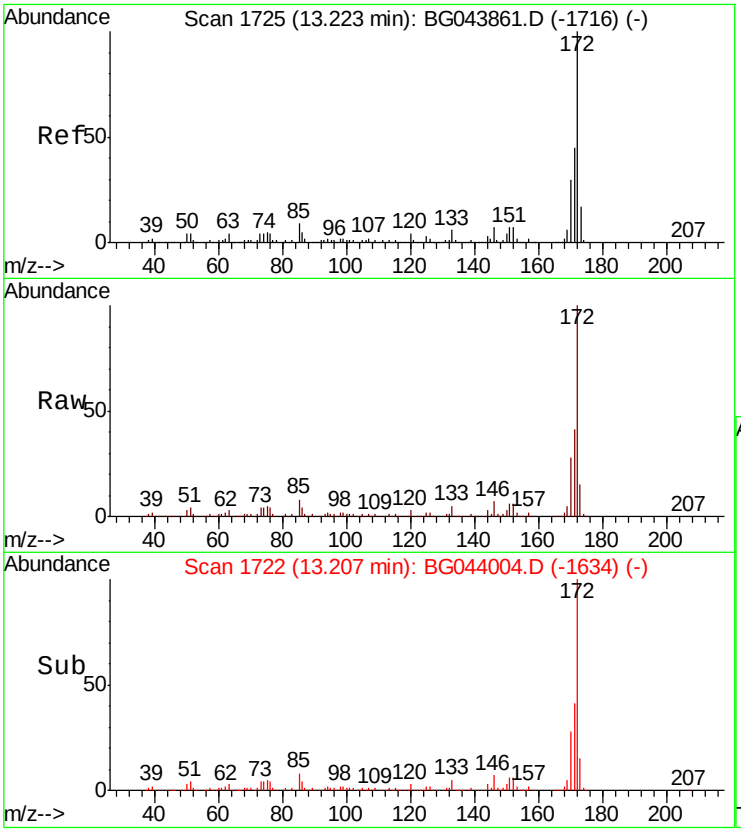




#42
2,4,6-Tribromophenol
Concen: 125.220 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BG044004.D
Acq: 10 Jan 2020 16:14

Tgt Ion:330 Resp: 413428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 77.2 | 115.8 |
| 141 | 39.4 | 33.1 | 49.7 |



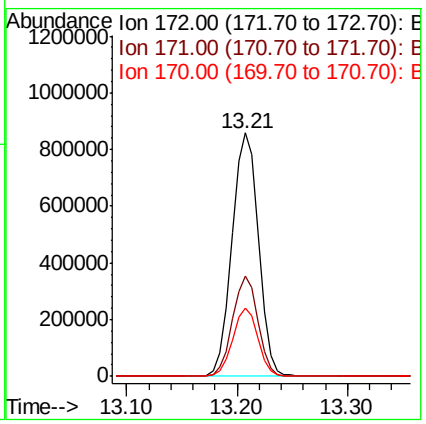


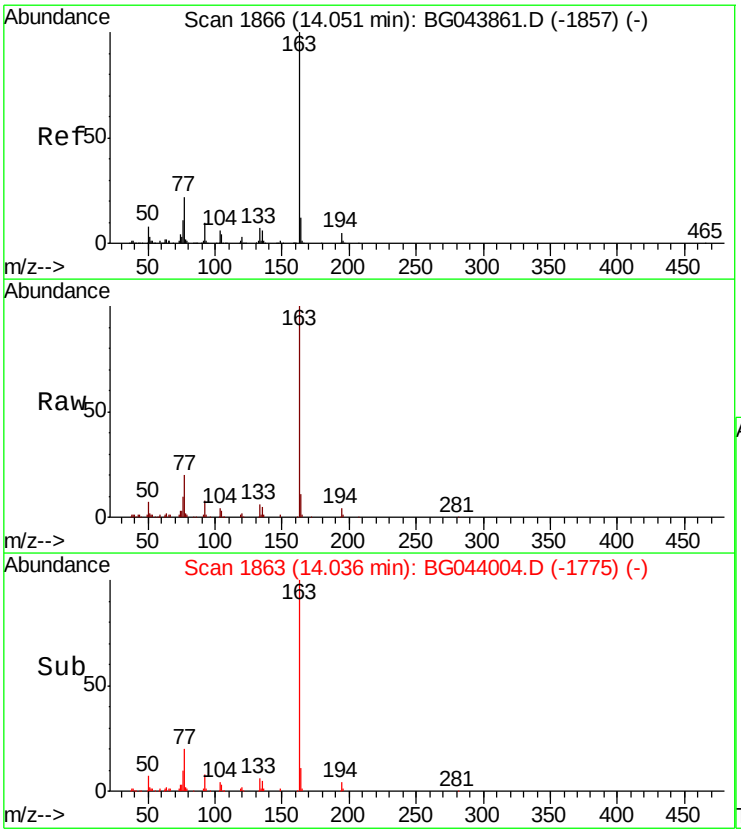

#45
2-Fluorobiphenyl
Concen: 83.017 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BG044004.D
Acq: 10 Jan 2020 16:14

**Instrument :**
BNA_G
**ClientSampleId :**
RBR-200030

Tgt Ion:172 Resp: 1445644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 41.2 | 35.8 | 53.8 |
| 170 | 27.9 | 24.2 | 36.4 |

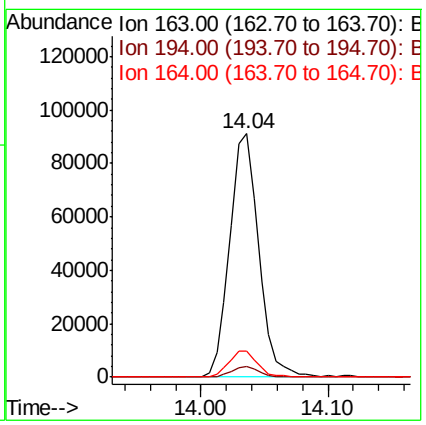


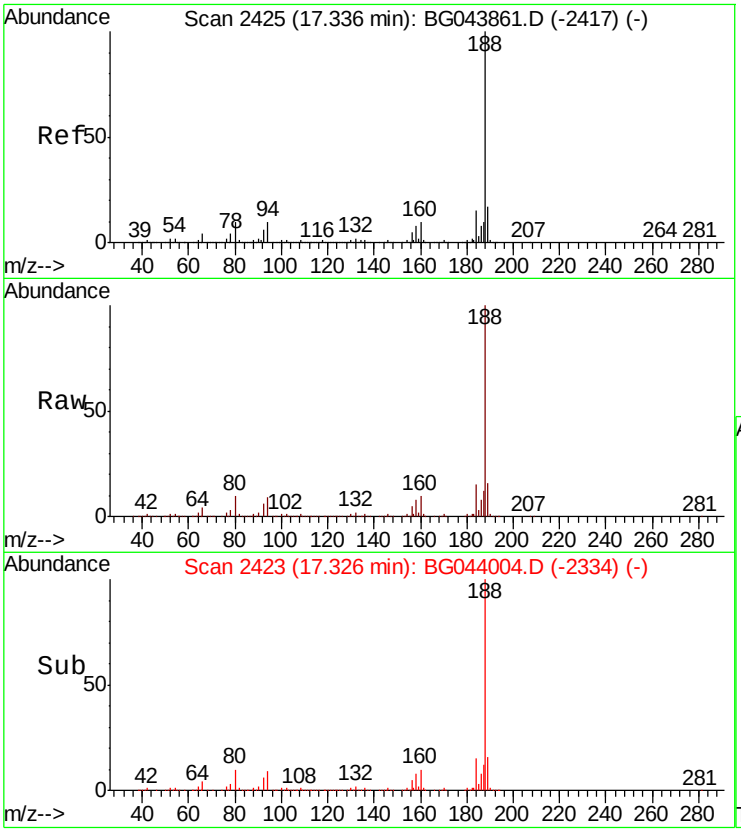




#50
Dimethylphthalate
Concen: 6.442 ng
RT: 14.04 min Scan# 1863
Delta R.T. -0.02 min
Lab File: BG044004.D
Acq: 10 Jan 2020 16:14

Tgt Ion:163 Resp: 144310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.7 | 5.5 |
| 164 | 10.9 | 9.3 | 13.9 |



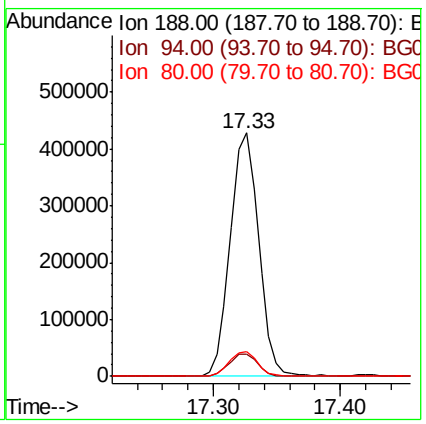


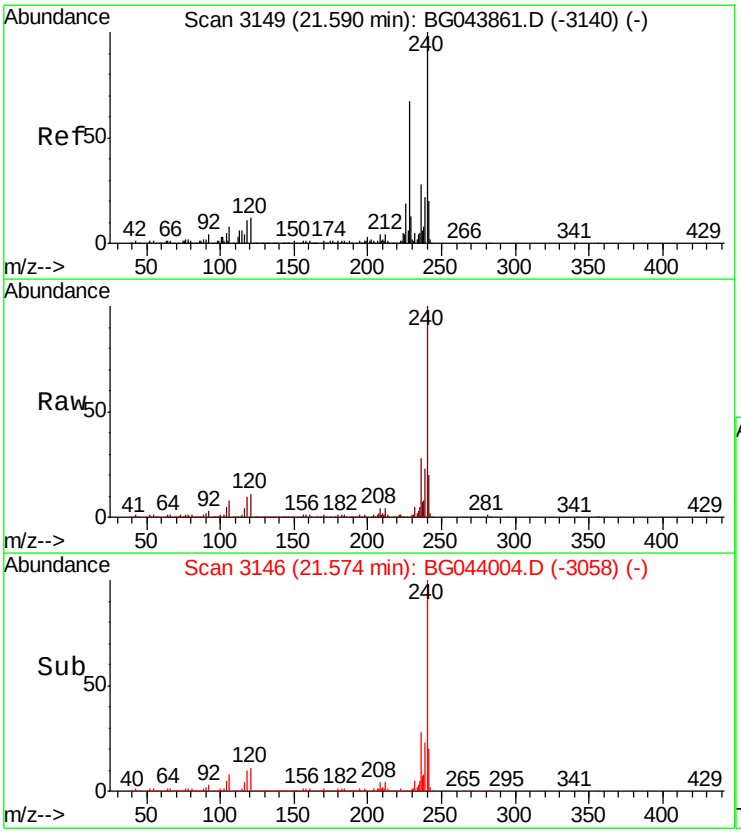

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG044004.D
Acq: 10 Jan 2020 16:14

**Instrument :**
BNA_G
**ClientSampleId :**
RBR-200030

Tgt Ion:188 Resp: 667136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.9 | 7.9 | 11.9 |
| 80 | 10.1 | 8.2 | 12.4 |

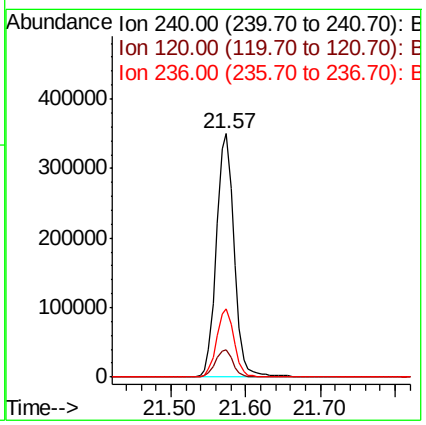


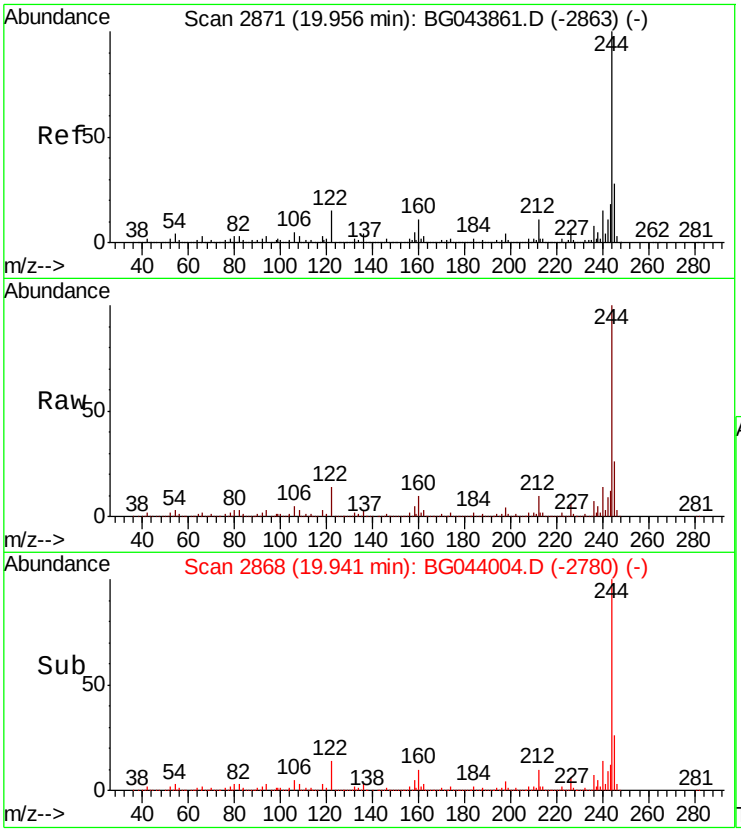




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG044004.D
Acq: 10 Jan 2020 16:14

Tgt Ion:240 Resp: 578393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.1 | 9.6 | 14.4 |
| 236 | 28.0 | 22.2 | 33.2 |



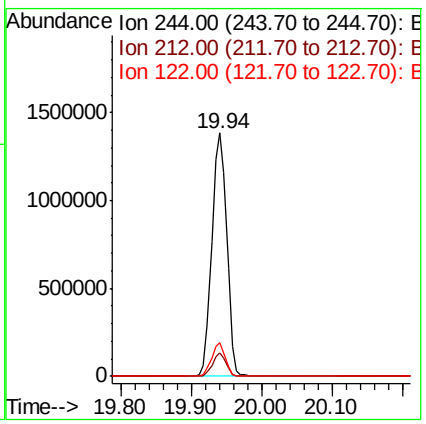


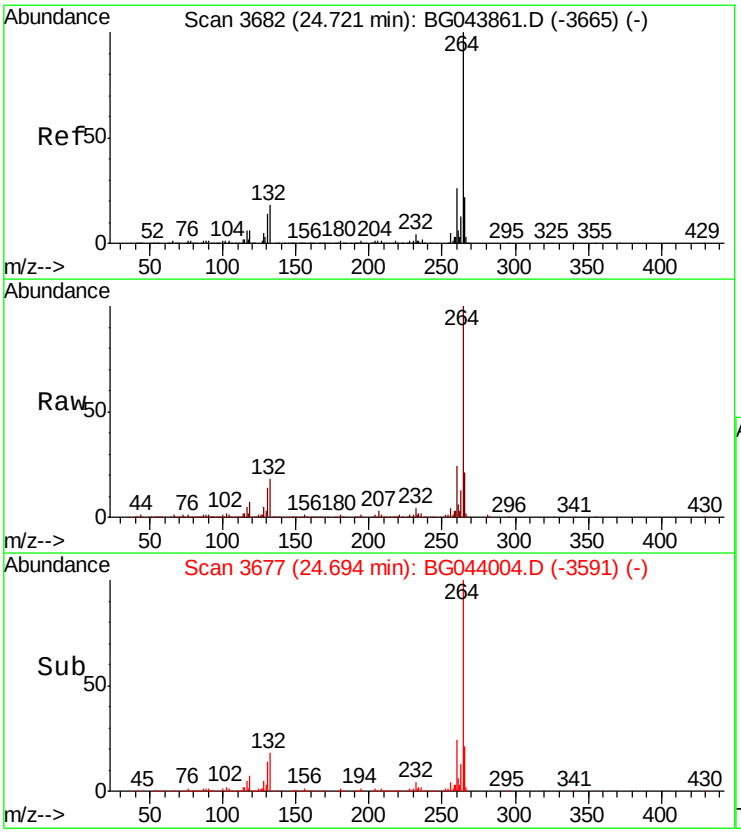

#79
Terphenyl-d14
Concen: 85.429 ng
RT: 19.94 min Scan# 2868
Delta R.T. -0.02 min
Lab File: BG044004.D
Acq: 10 Jan 2020 16:14

**Instrument :**
BNA_G
**ClientSampleId :**
RBR-200030

Tgt Ion:244 Resp: 2046646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.9 | 8.6 | 13.0 |
| 122 | 13.9 | 11.9 | 17.9 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.03 min
Lab File: BG044004.D
Acq: 10 Jan 2020 16:14

Tgt Ion:264 Resp: 636823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 20.4 | 30.6 |
| 265 | 21.4 | 17.4 | 26.2 |