Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039564.D
Acq On : 19 Feb 2019 21:02
Operator : JU/SJ
Sample : K1528-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** MW-3

Quant Time: Feb 20 01:05:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.17 | 152 | 47402 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.99 | 136 | 216715 | 20.00 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 14.79 | 164 | 151909 | 20.00 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 17.53 | 188 | 350346 | 20.00 | ng | | -0.02 |
| 76) Chrysene-d12 | 21.82 | 240 | 347087 | 20.00 | ng | | -0.03 |
| 87) Perylene-d12 | 25.20 | 264 | 338016 | 20.00 | ng | | -0.04 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.71 | 112 | 139052 | 50.21 | ng | | 0.00 |
| 7) Phenol-d6 | 7.31 | 99 | 129353 | 31.73 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.34 | 82 | 381596 | 110.00 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.28 | 330 | 195519 | 119.53 | ng | | -0.02 |
| 45) 2-Fluorobiphenyl | 13.41 | 172 | 908049 | 85.75 | ng | | -0.02 |
| 79) Terphenyl-d14 | 20.12 | 244 | 1259349 | 76.80 | ng | | -0.03 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 7.34 | 94 | 8864 | 2.086 | ng | | 90 |
| 50) Dimethylphthalate | 14.23 | 163 | 27433 | 2.236 | ng | # | 95 |
| 58) Fluorene | 15.83 | 166 | 22835 | 2.051 | ng | # | 90 |

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

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BNA_G
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QLast Update : Tue Jan 29 15:41:51 2019
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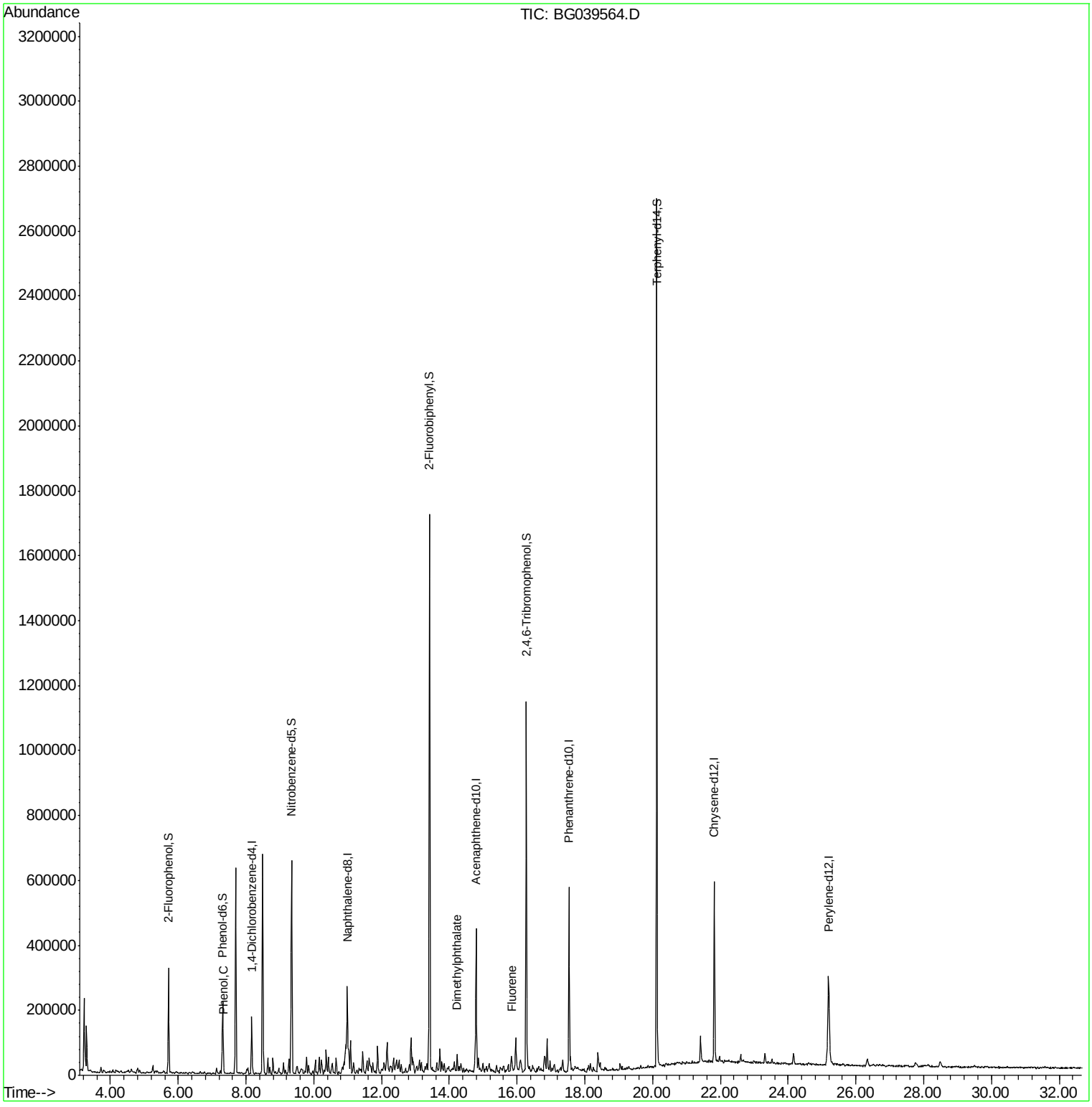
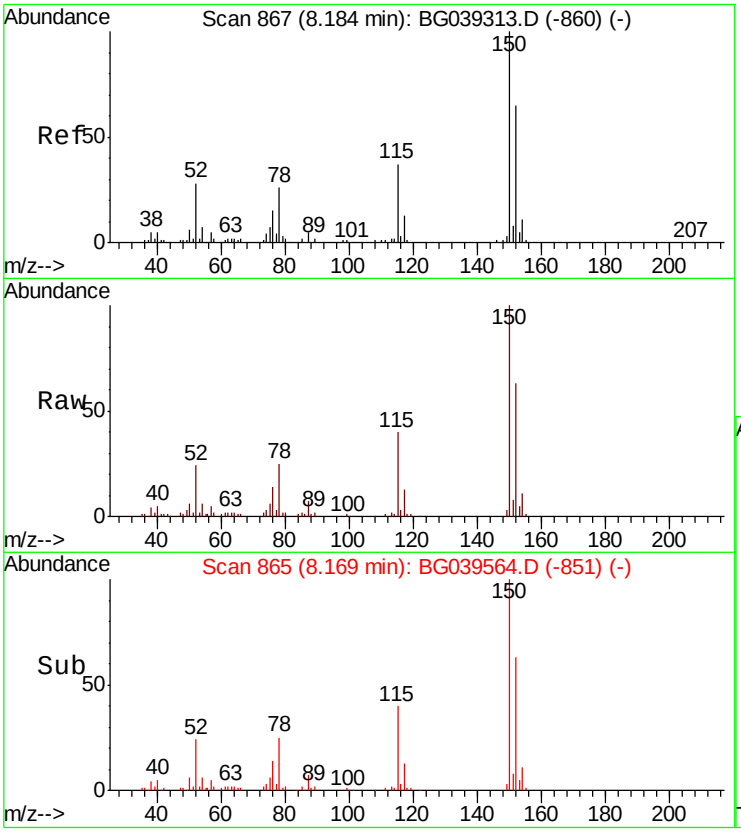


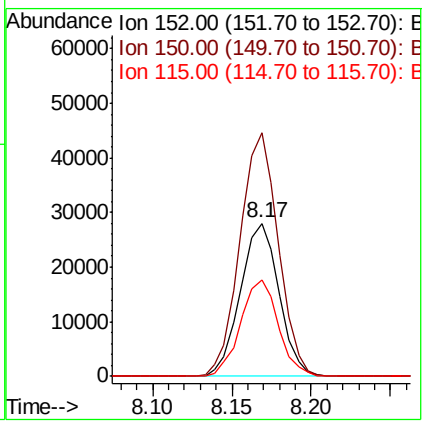


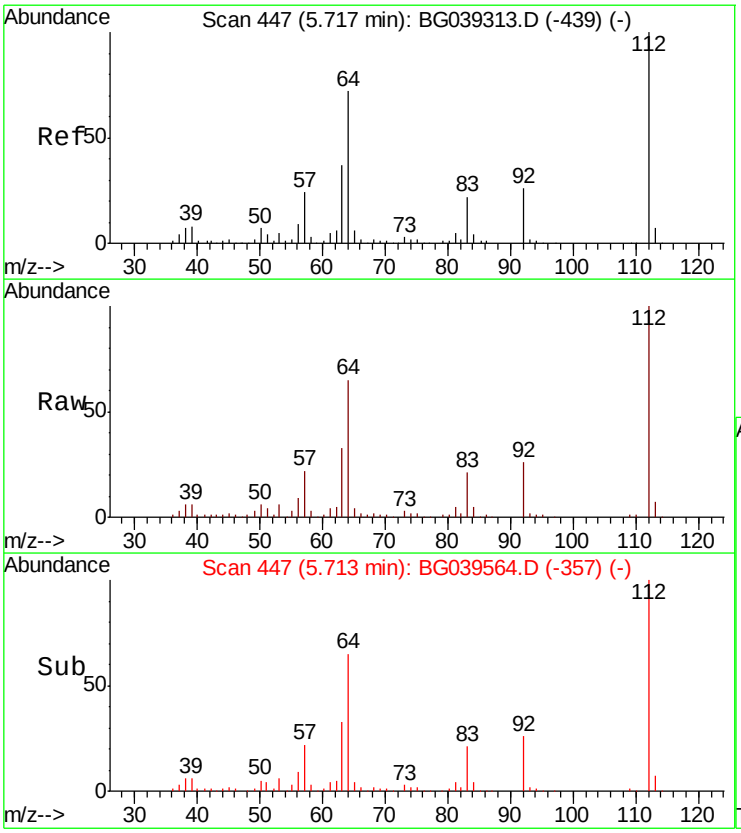

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

**Instrument :**
BNA_G
**ClientSampleId :**
MW-3

Tgt Ion:152 Resp: 47402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.0 | 123.7 | 185.5 |
| 115 | 63.1 | 45.9 | 68.9 |

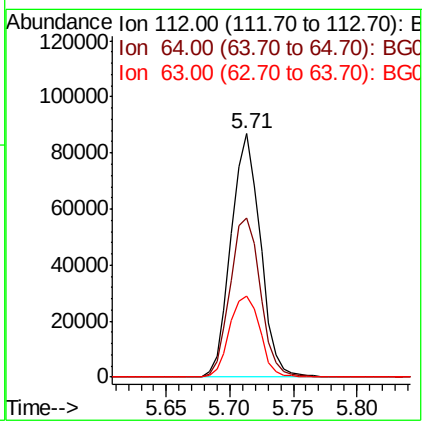


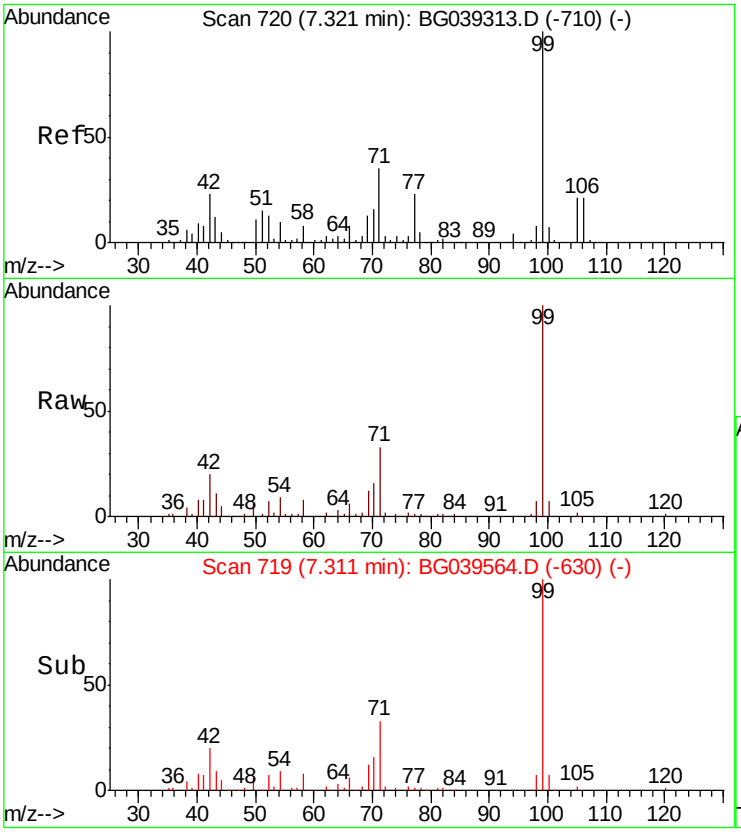




#5
2-Fluorophenol
Concen: 50.206 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

Tgt Ion:112 Resp: 139052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 65.5 | 57.8 | 86.8 |
| 63 | 33.3 | 29.8 | 44.6 |



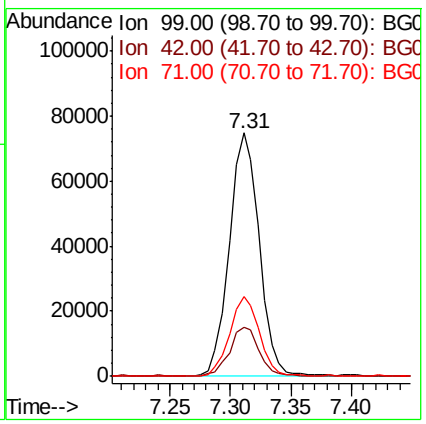


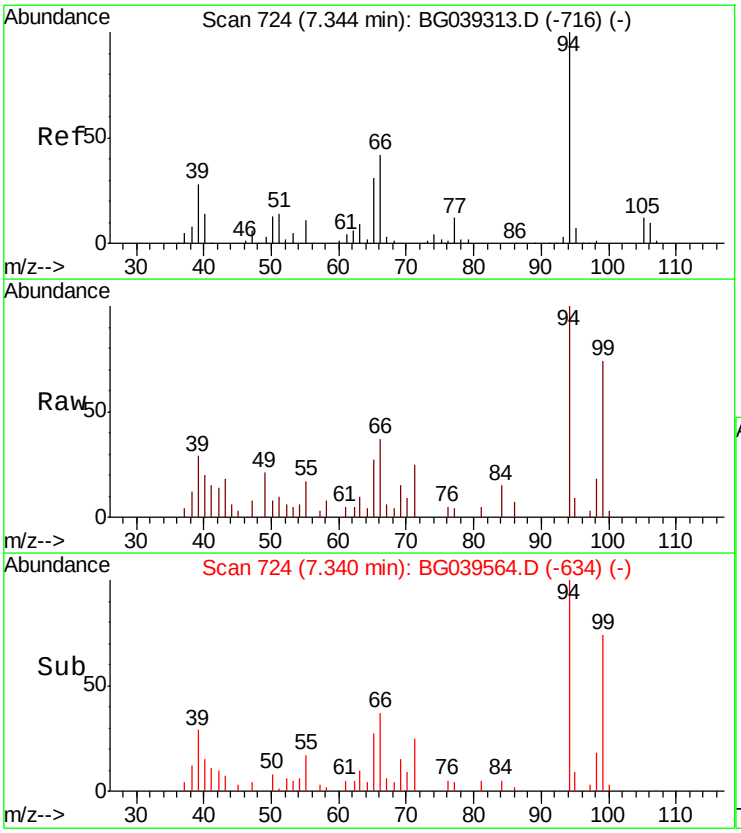

#7
Phenol-d6
Concen: 31.729 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

**Instrument :**
BNA_G
**ClientSampleId :**
MW-3

Tgt Ion: 99 Resp: 129353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.0 | 18.2 | 27.2 |
| 71 | 32.9 | 28.0 | 42.0 |

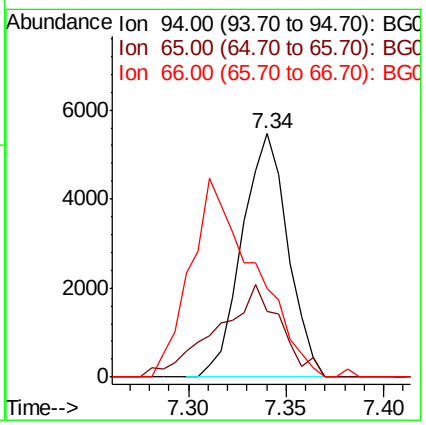


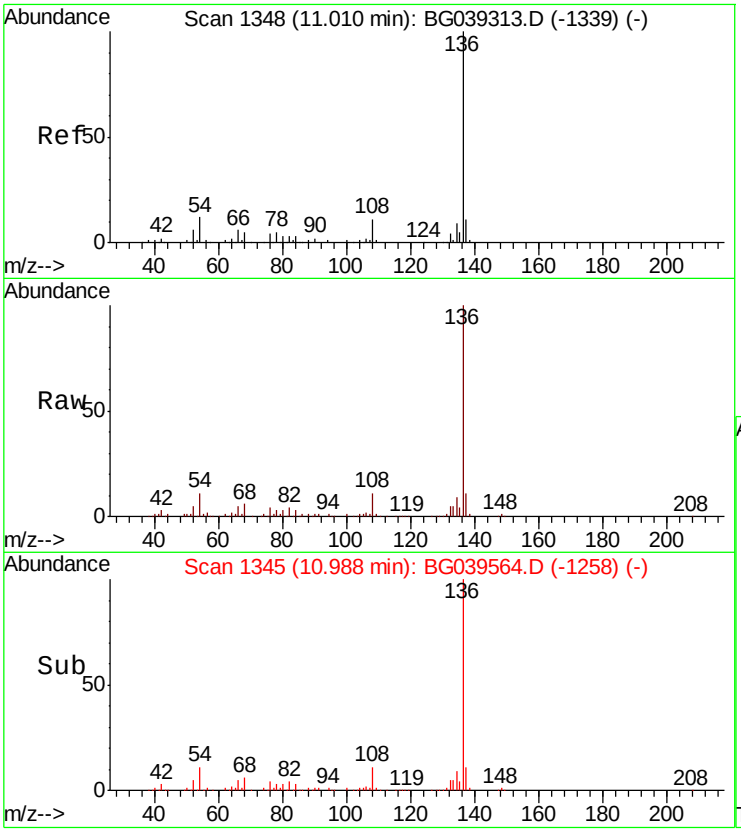




#10
Phenol
Concen: 2.086 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.00 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

Tgt Ion: 94 Resp: 8864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.1 | 11.7 | 51.7 |
| 66 | 36.5 | 23.7 | 63.7 |



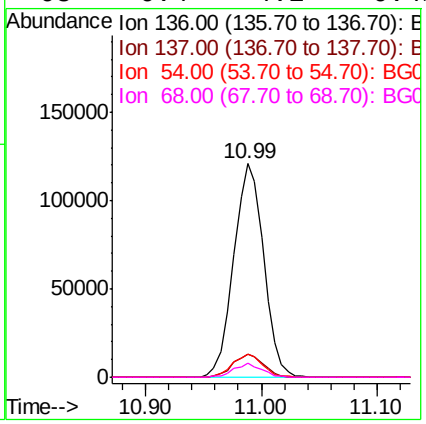


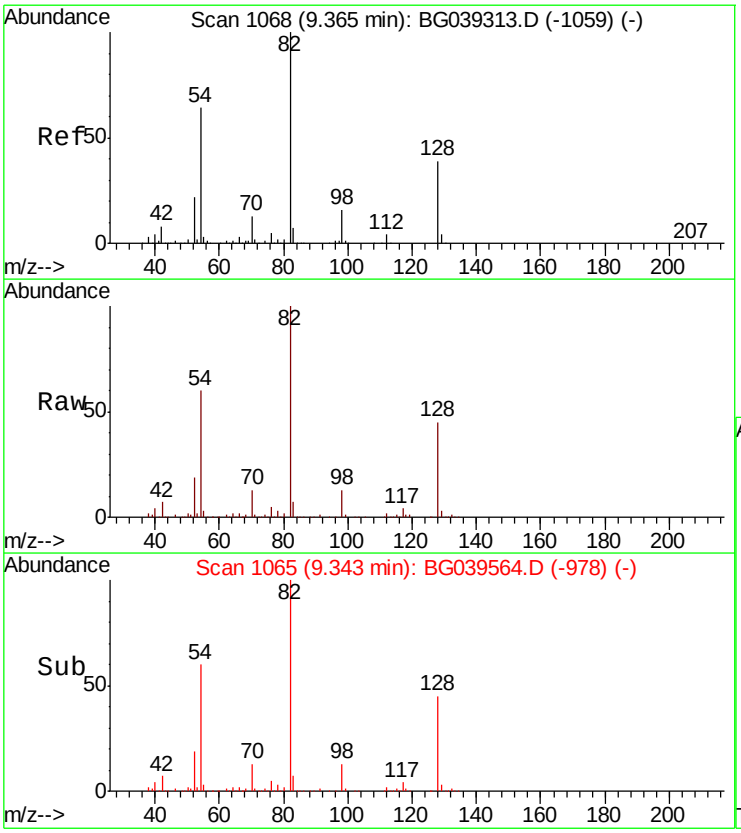

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

**Instrument :**
BNA_G
**ClientSampleId :**
MW-3

Tgt Ion:136 Resp: 216715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 9.1 | 13.7 |
| 54 | 10.6 | 9.4 | 14.2 |
| 68 | 6.4 | 4.2 | 6.4# |

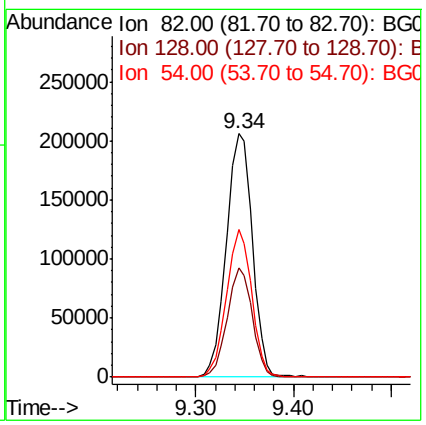


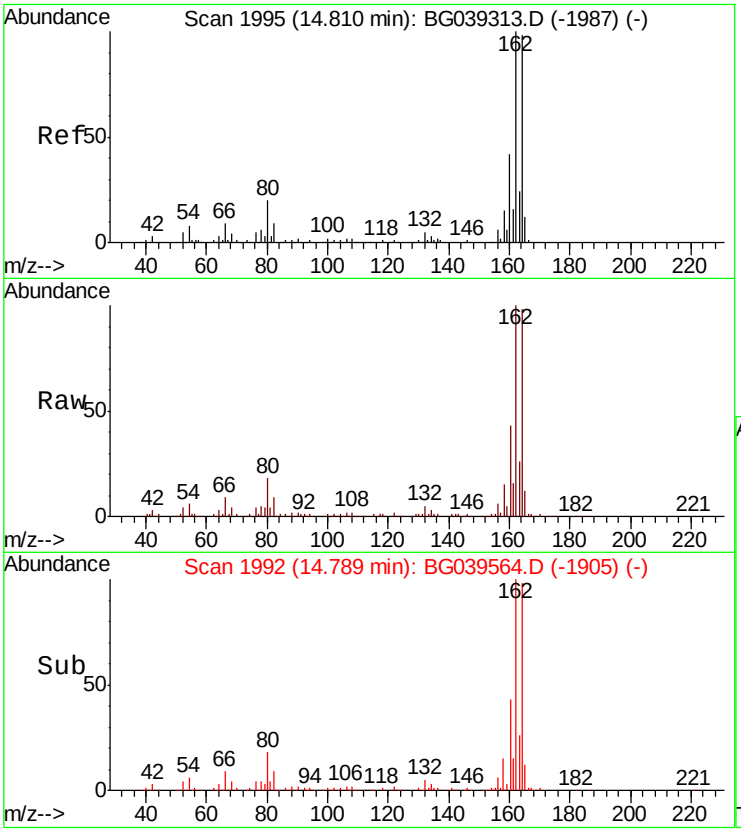




#23
Nitrobenzene-d5
Concen: 110.001 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

Tgt Ion: 82 Resp: 381596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.0 | 31.3 | 46.9 |
| 54 | 60.4 | 50.9 | 76.3 |



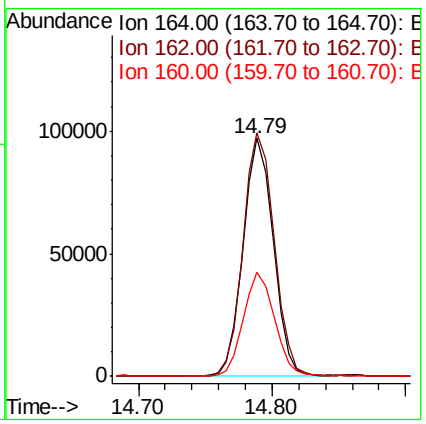


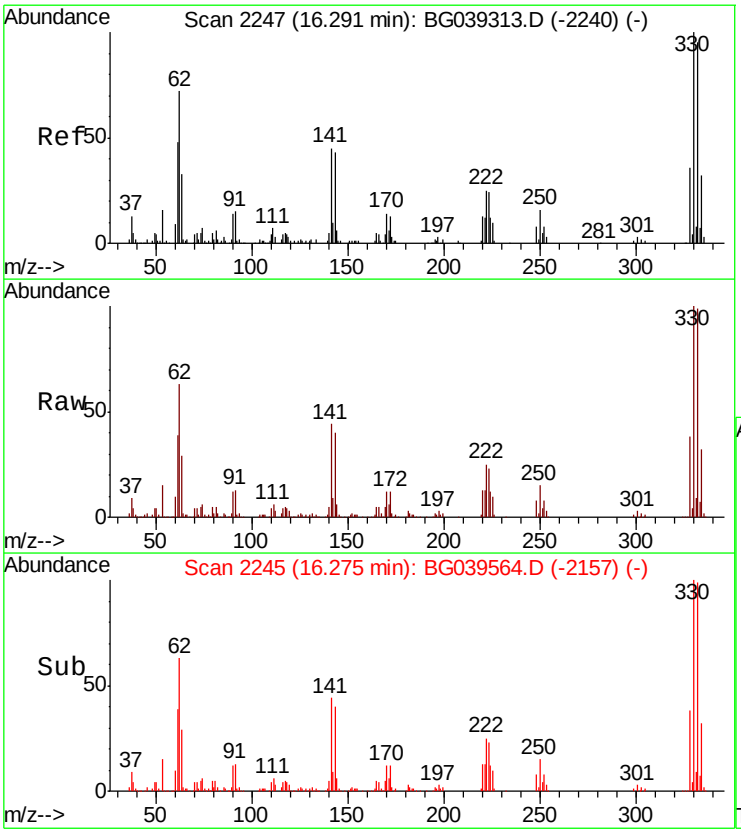

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

**Instrument :**
BNA_G
**ClientSampleId :**
MW-3

Tgt Ion:164 Resp: 151909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.1 | 81.6 | 122.4 |
| 160 | 43.6 | 34.2 | 51.2 |

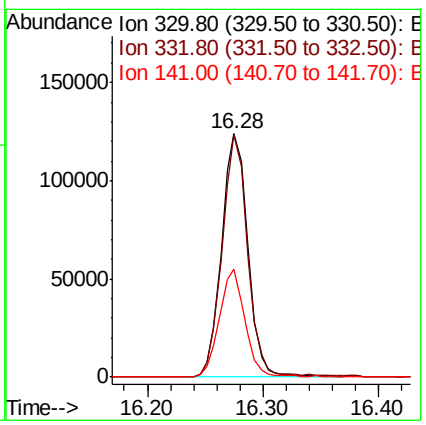


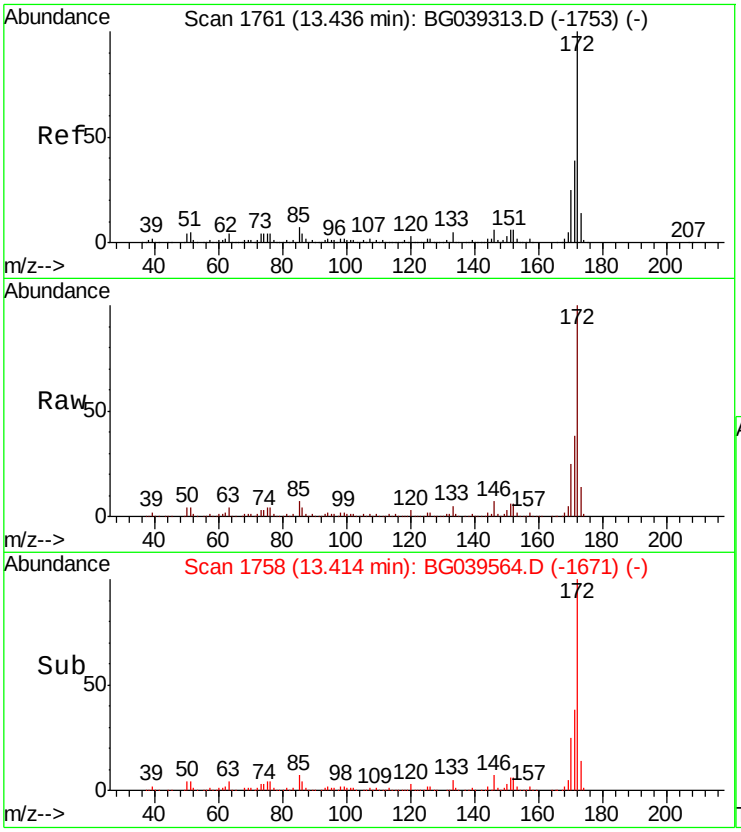




#42
2,4,6-Tribromophenol
Concen: 119.525 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

Tgt Ion:330 Resp: 195519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 75.7 | 113.5 |
| 141 | 42.4 | 35.6 | 53.4 |



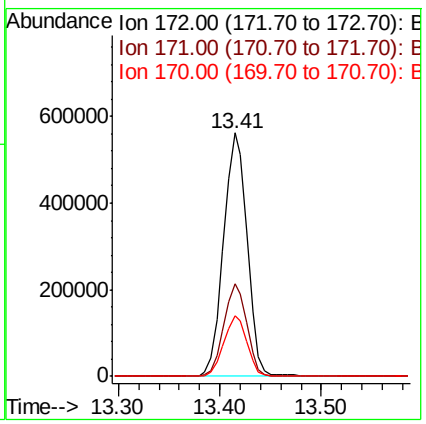


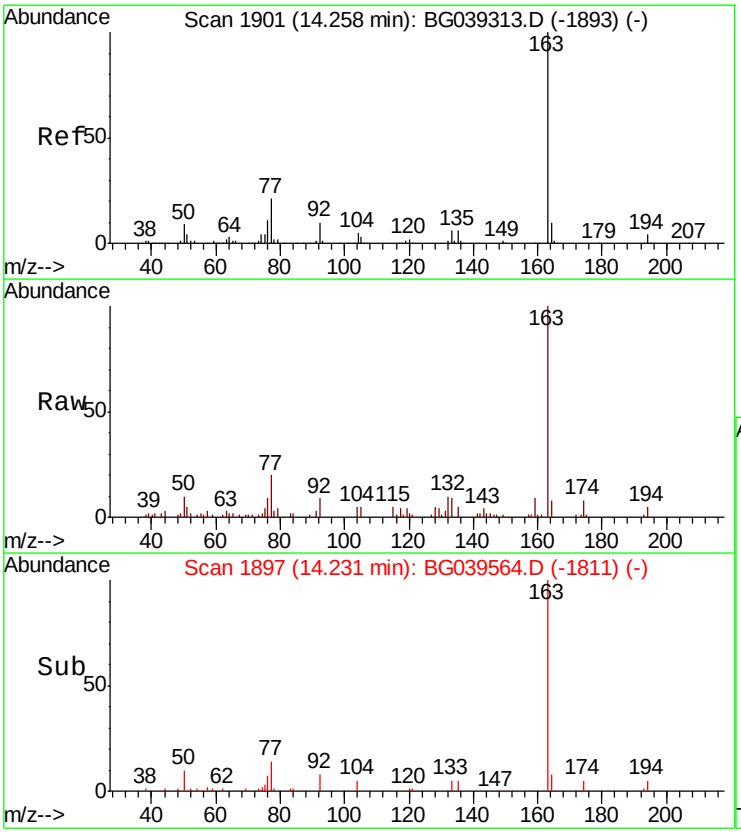

#45
2-Fluorobiphenyl
Concen: 85.751 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

**Instrument :**
BNA_G
**ClientSampleId :**
MW-3

Tgt Ion:172 Resp: 908049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.2 | 30.8 | 46.2 |
| 170 | 24.9 | 20.2 | 30.4 |

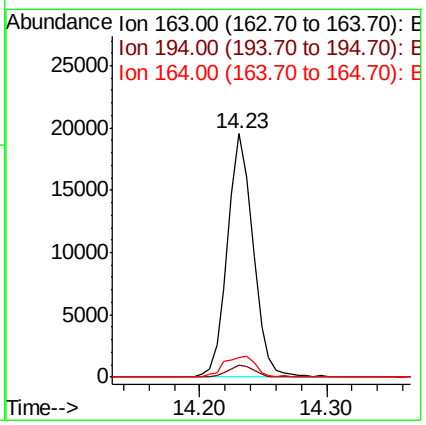


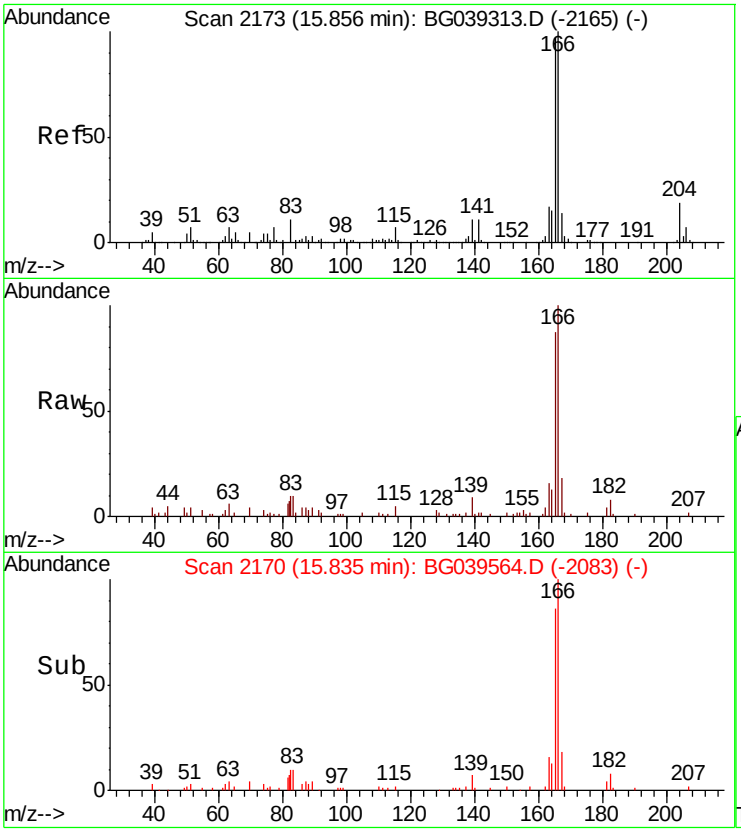




#50
Dimethylphthalate
Concen: 2.236 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.03 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

Tgt Ion:163 Resp: 27433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.7 | 3.6 | 5.4 |
| 164 | 7.9 | 8.4 | 12.6# |



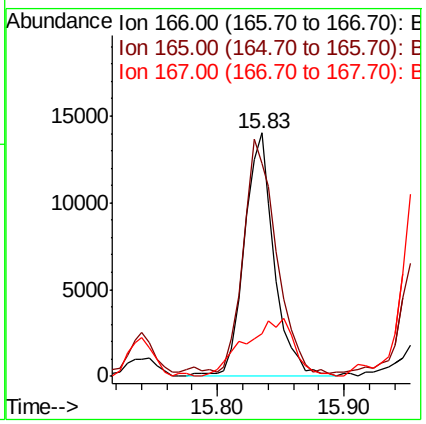


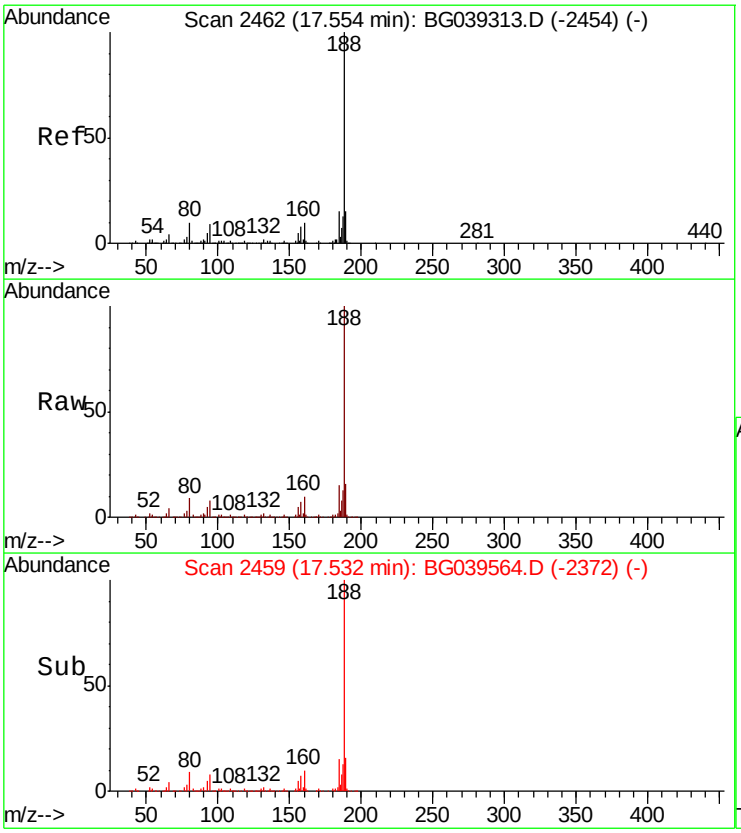

#58
Fluorene
Concen: 2.051 ng
RT: 15.83 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

**Instrument :**
BNA_G
**ClientSampleId :**
MW-3

Tgt Ion:166 Resp: 22835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 87.3 | 77.9 | 116.9 |
| 167 | 17.8 | 10.8 | 16.2# |

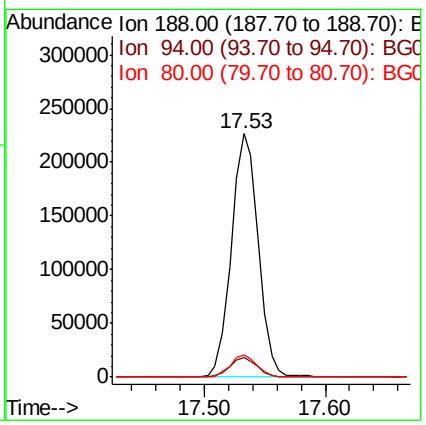


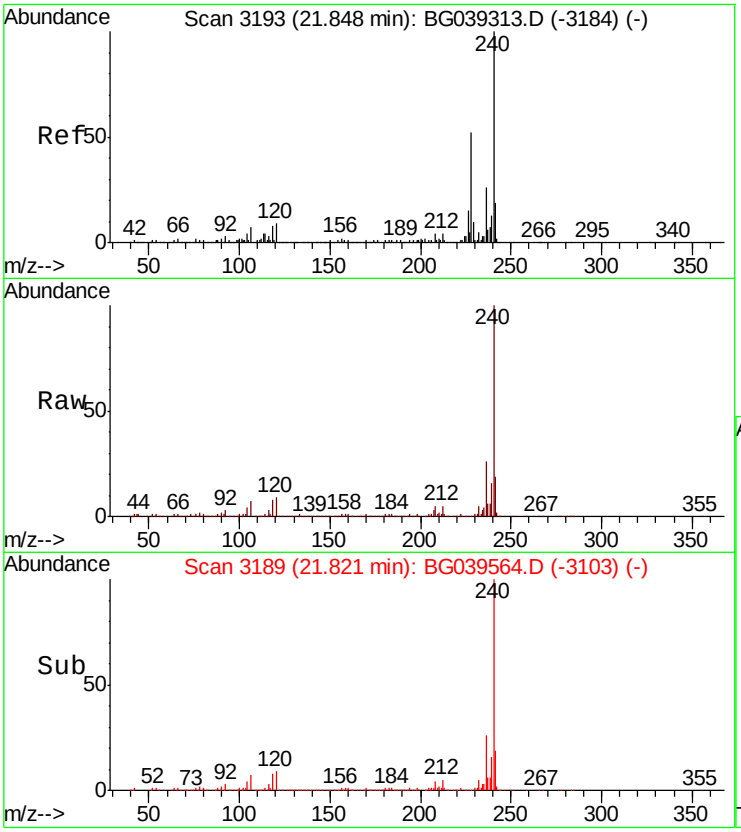




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

Tgt Ion:188 Resp: 350346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.1 | 6.9 | 10.3 |
| 80 | 9.2 | 8.1 | 12.1 |



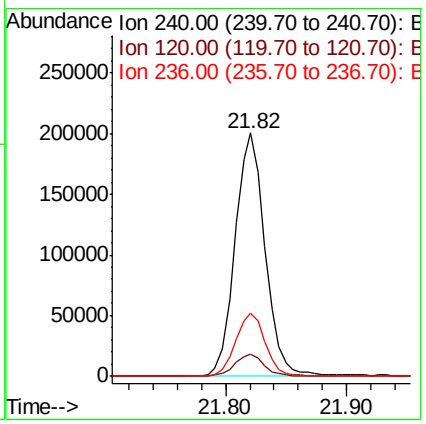


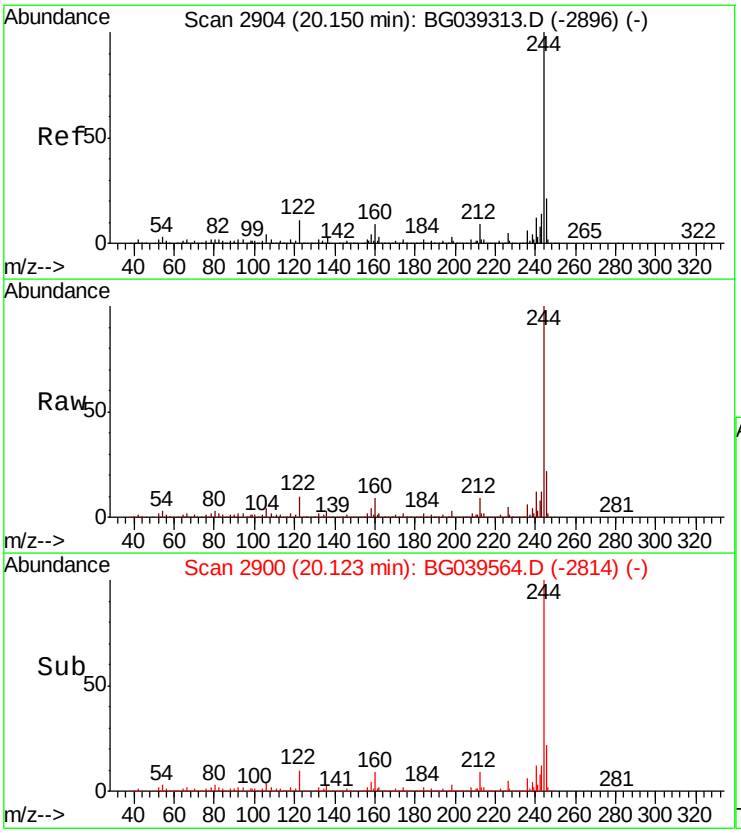

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.03 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

**Instrument :**
BNA_G
**ClientSampleId :**
MW-3

Tgt Ion:240 Resp: 347087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.4 | 7.0 | 10.6 |
| 236 | 25.9 | 21.0 | 31.4 |

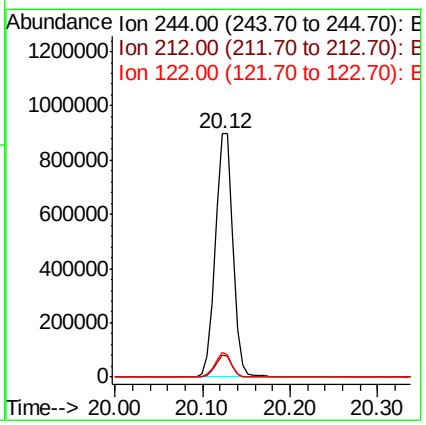


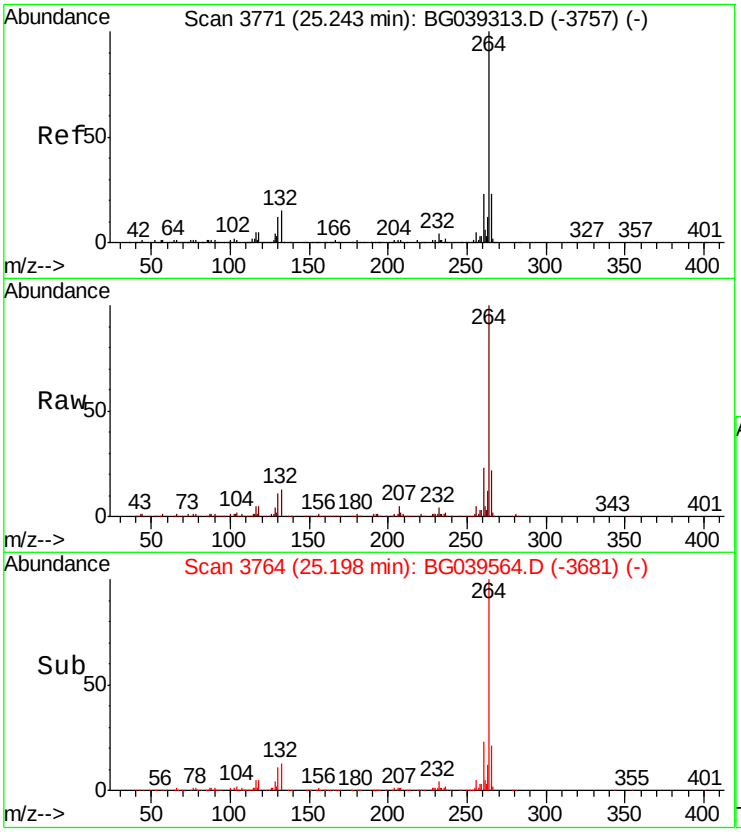




#79
Terphenyl-d14
Concen: 76.801 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.03 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

Tgt Ion:244 Resp: 1259349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.9 | 7.3 | 10.9 |
| 122 | 10.2 | 8.4 | 12.6 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039564.D
Acq: 19 Feb 2019 21:02

**Instrument :**
BNA_G
**ClientSampleId :**
MW-3

Tgt Ion:264 Resp: 338016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 18.2 | 27.4 |
| 265 | 21.6 | 18.5 | 27.7 |