Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
Data File : BM018234.D
Acq On : 16 Dec 2018 19:43
Operator : JU/SJ
Sample : J6377-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** P001-SD007-0006-01

Quant Time: Dec 17 03:57:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.50 | 152 | 114324 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.26 | 136 | 442830 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.15 | 164 | 234051 | 20.00 | ng | -0.01 |
| 64) Phenanthrene-d10 | 16.92 | 188 | 411320 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.14 | 240 | 384129 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 23.30 | 264 | 408551 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.13 | 112 | 926605 | 135.39 | ng | 0.00 |
| 7) Phenol-d6 | 6.70 | 99 | 1202617 | 126.43 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.65 | 82 | 726773 | 84.18 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.66 | 330 | 338785 | 98.62 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.76 | 172 | 1406820 | 77.85 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.57 | 244 | 1260979 | 74.24 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 6.72 | 94 | 71839 | 7.131 | ng | 96 |
| 50) Dimethylphthalate | 13.63 | 163 | 96936 | 4.982 | ng | 98 |

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
Data File : BM018234.D
Acq On : 16 Dec 2018 19:43
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Sample : J6377-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
P001-SD007-0006-01

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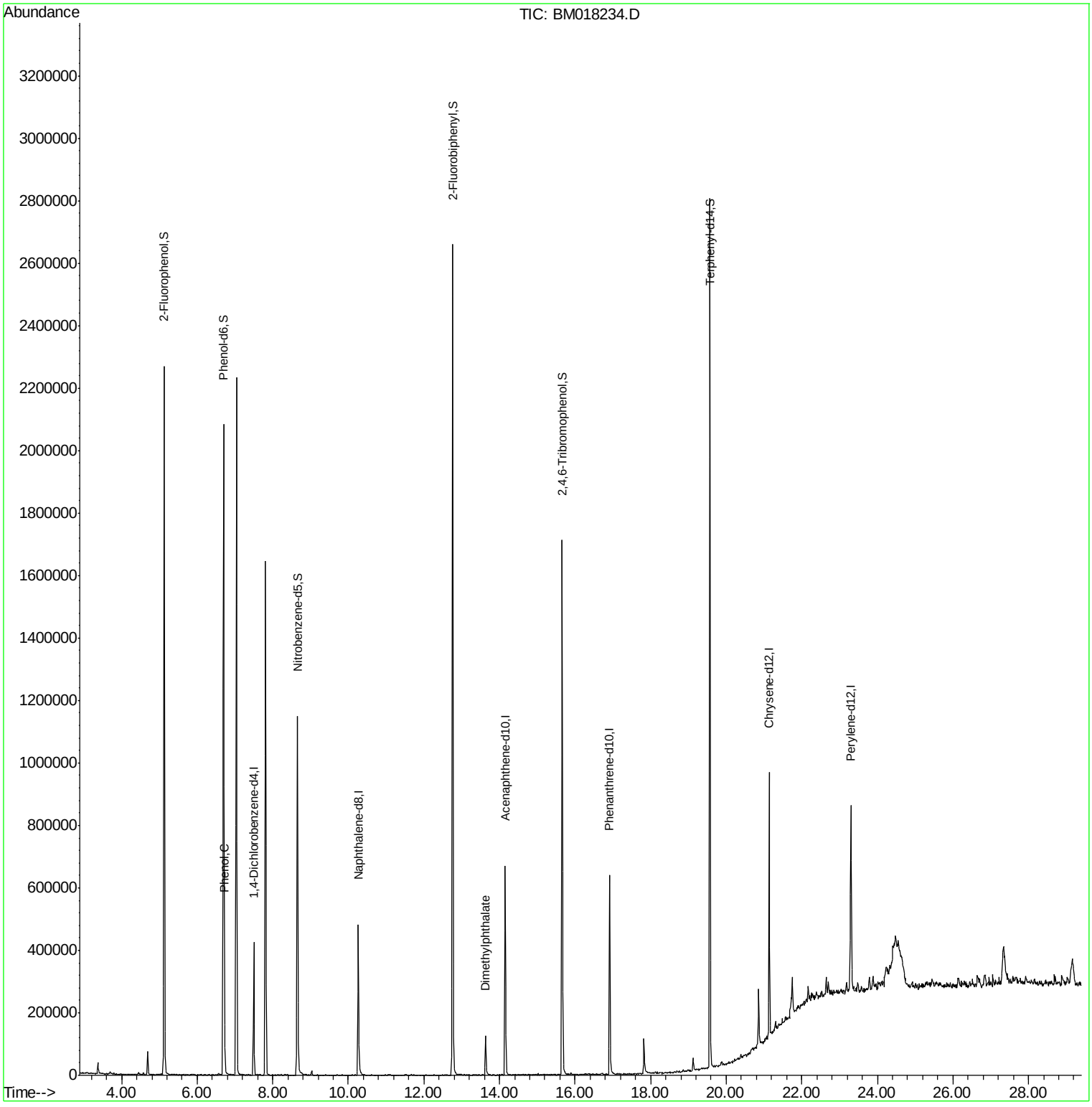
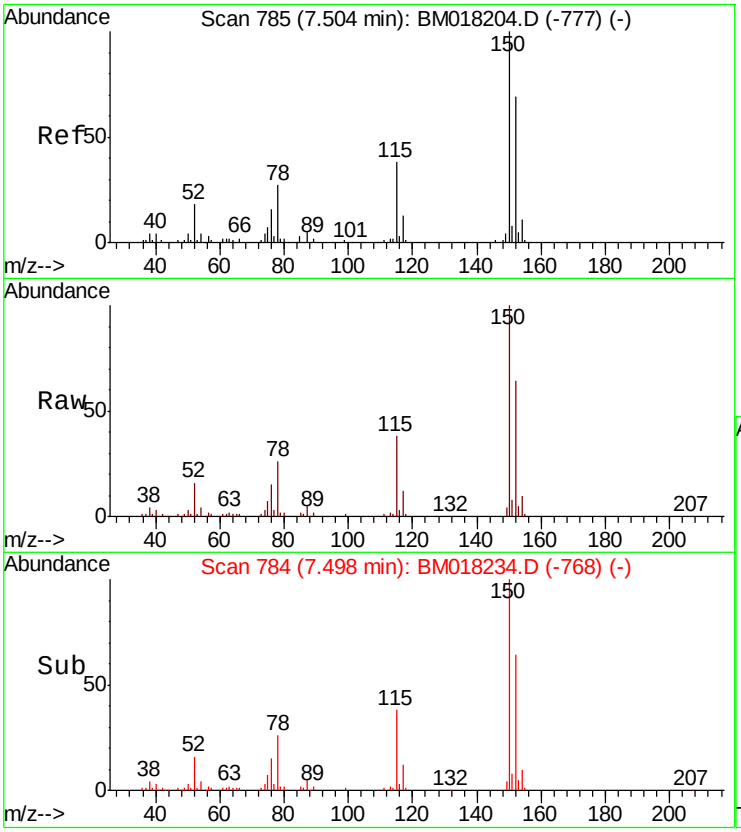


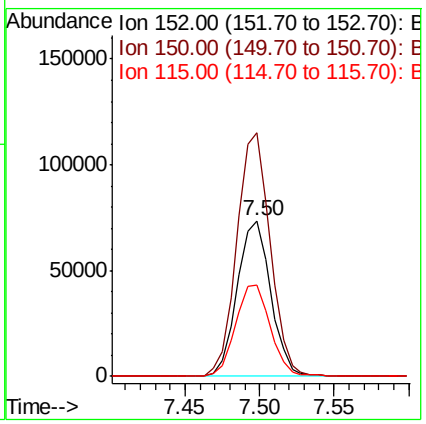


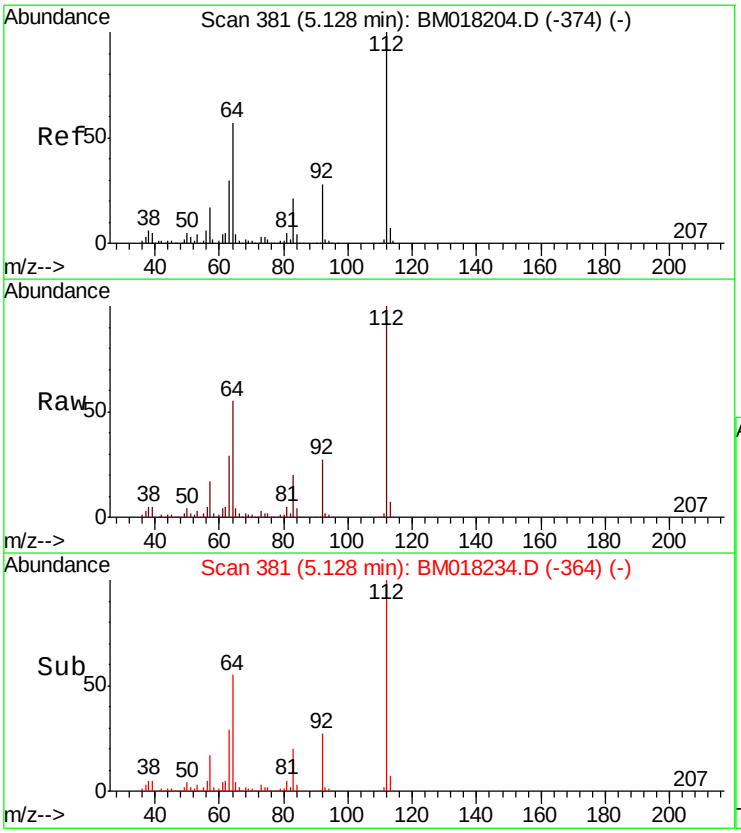

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 784
Delta R.T. -0.01 min
Lab File: BM018234.D
Acq: 16 Dec 2018 19:43

**Instrument :**
BNA_M
**ClientSampleId :**
P001-SD007-0006-01

Tgt Ion:152 Resp: 114324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.2 | 116.1 | 174.1 |
| 115 | 58.9 | 44.6 | 67.0 |

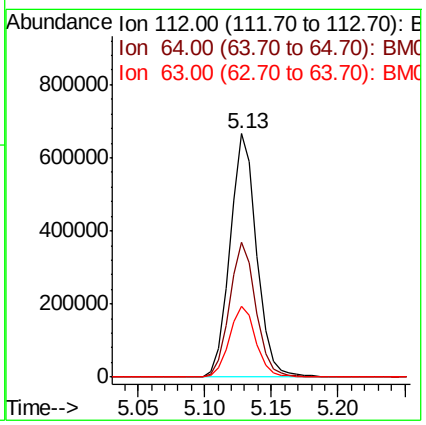


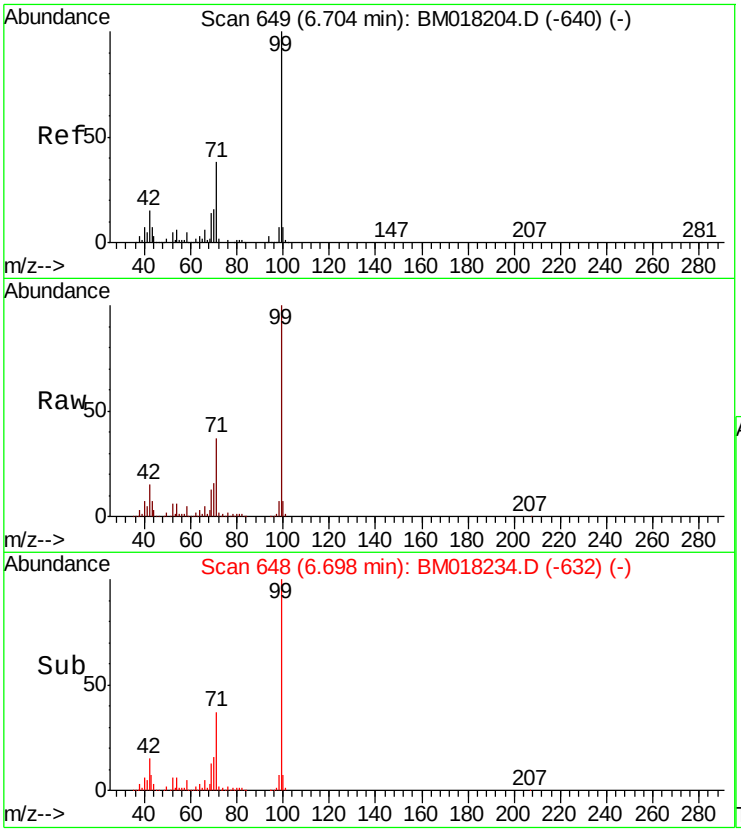




#5
2-Fluorophenol
Concen: 135.394 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018234.D
Acq: 16 Dec 2018 19:43

Tgt Ion:112 Resp: 926605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.2 | 45.4 | 68.2 |
| 63 | 29.2 | 24.0 | 36.0 |



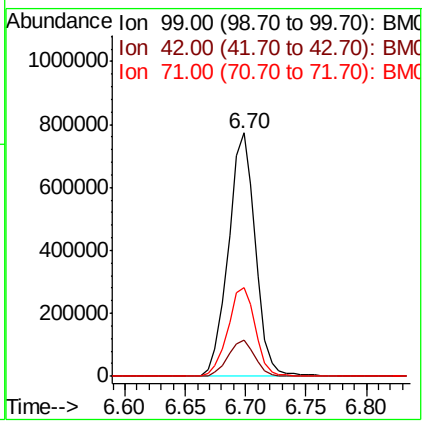


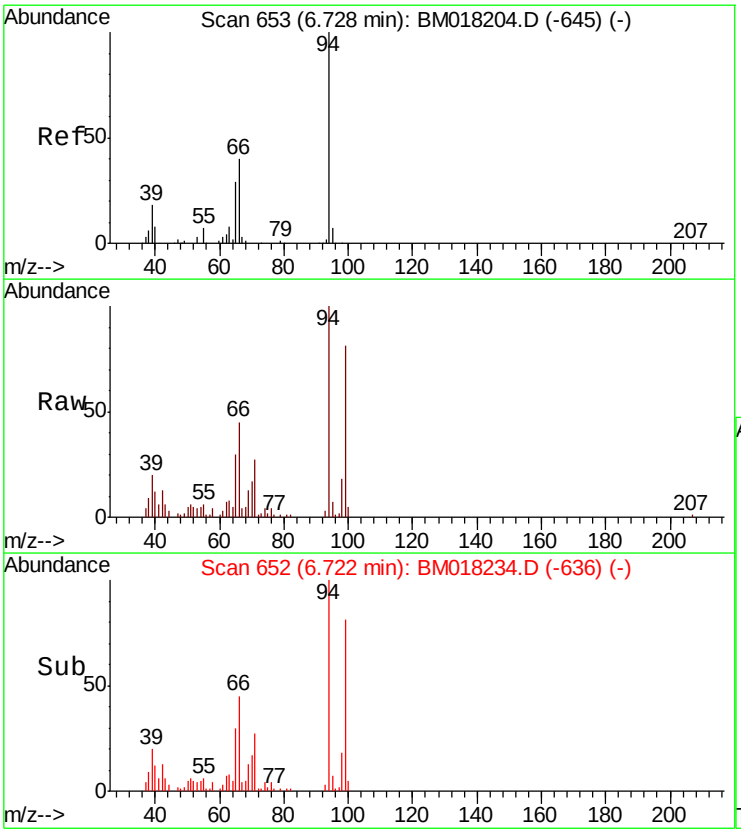

#7
Phenol-d6
Concen: 126.428 ng
RT: 6.70 min Scan# 648
Delta R.T. -0.01 min
Lab File: BM018234.D
Acq: 16 Dec 2018 19:43

**Instrument :**
BNA_M
**ClientSampleId :**
P001-SD007-0006-01

Tgt Ion: 99 Resp: 1202617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.7 | 12.3 | 18.5 |
| 71 | 36.6 | 30.2 | 45.2 |

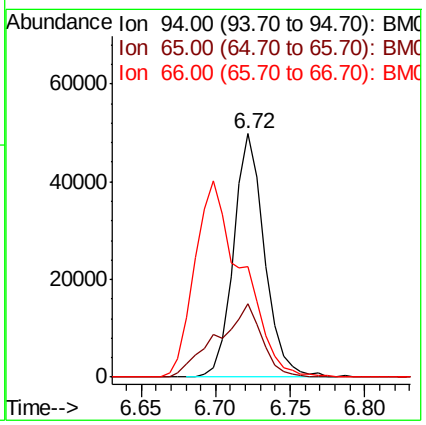


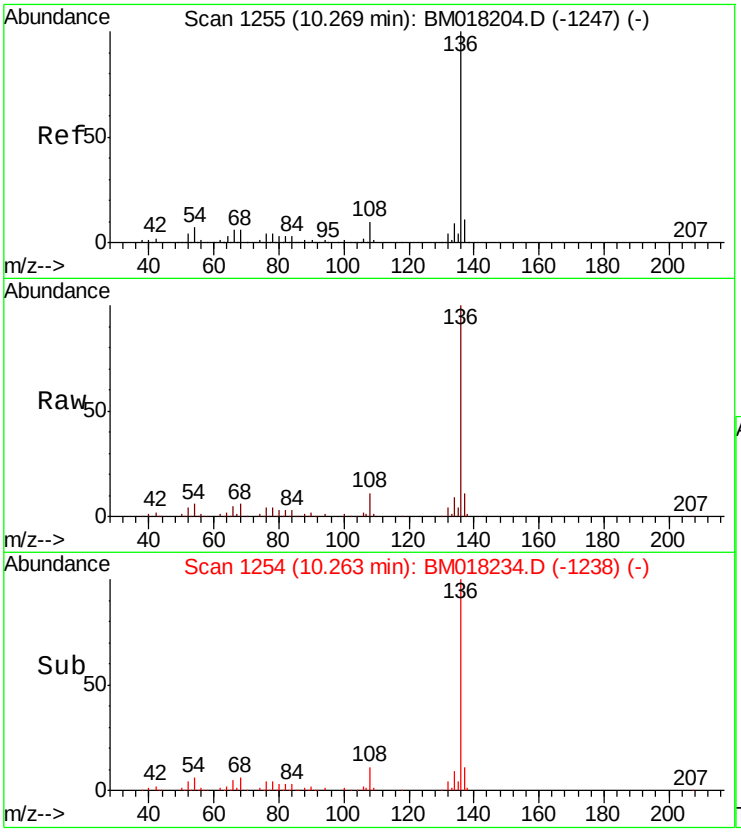




#10
Phenol
Concen: 7.131 ng
RT: 6.72 min Scan# 652
Delta R.T. -0.01 min
Lab File: BM018234.D
Acq: 16 Dec 2018 19:43

Tgt Ion: 94 Resp: 71839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.9 | 9.5 | 49.5 |
| 66 | 45.4 | 21.3 | 61.3 |



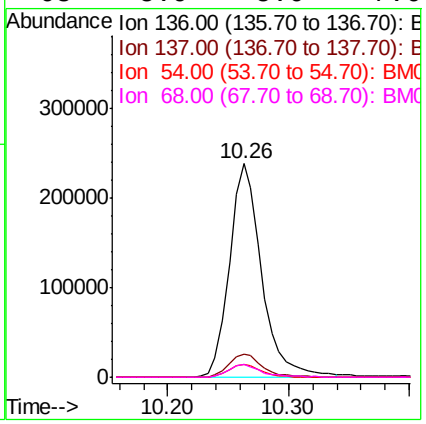


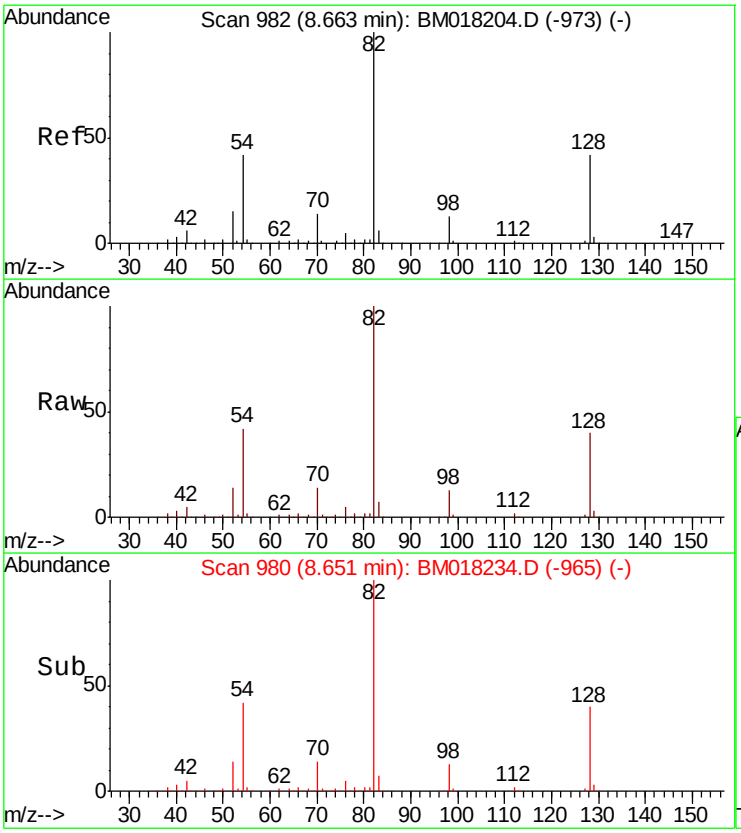

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM018234.D
Acq: 16 Dec 2018 19:43

**Instrument :**
BNA_M
**ClientSampleId :**
P001-SD007-0006-01

Tgt Ion:136 Resp: 442830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 9.2 | 13.8 |
| 54 | 6.1 | 5.2 | 7.8 |
| 68 | 5.9 | 5.0 | 7.6 |

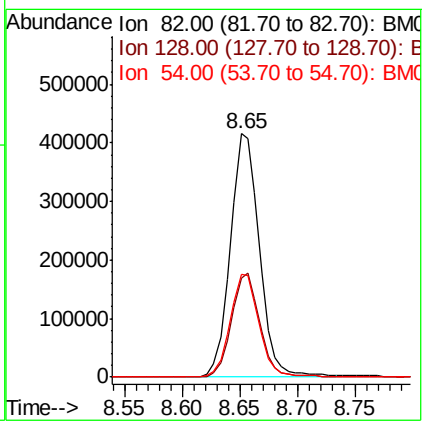


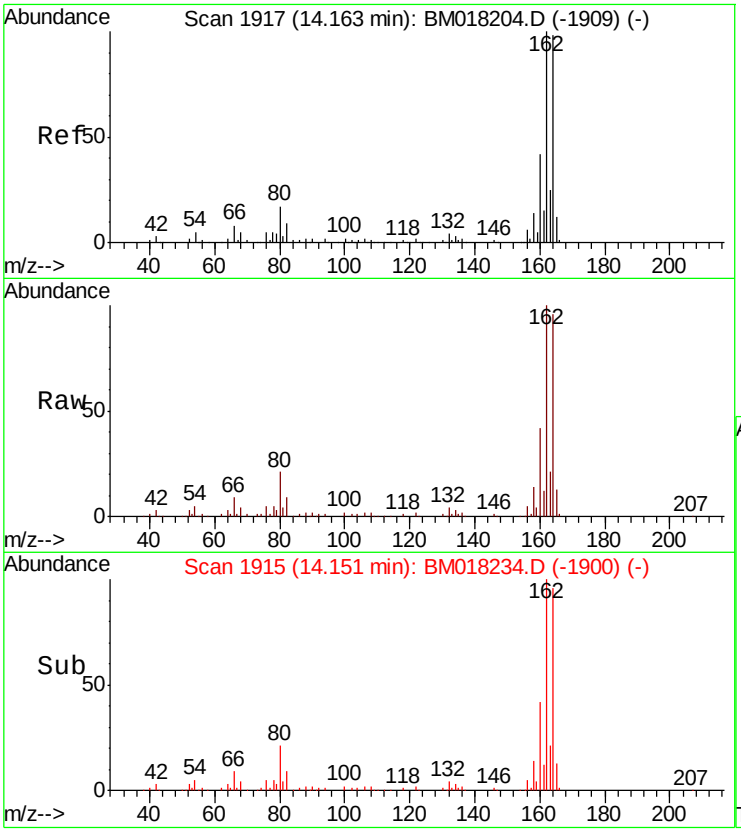




#23
Nitrobenzene-d5
Concen: 84.183 ng
RT: 8.65 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM018234.D
Acq: 16 Dec 2018 19:43

Tgt Ion: 82 Resp: 726773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.4 | 33.4 | 50.2 |
| 54 | 42.1 | 33.4 | 50.2 |



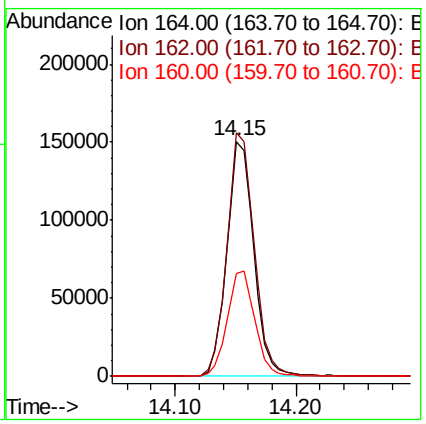


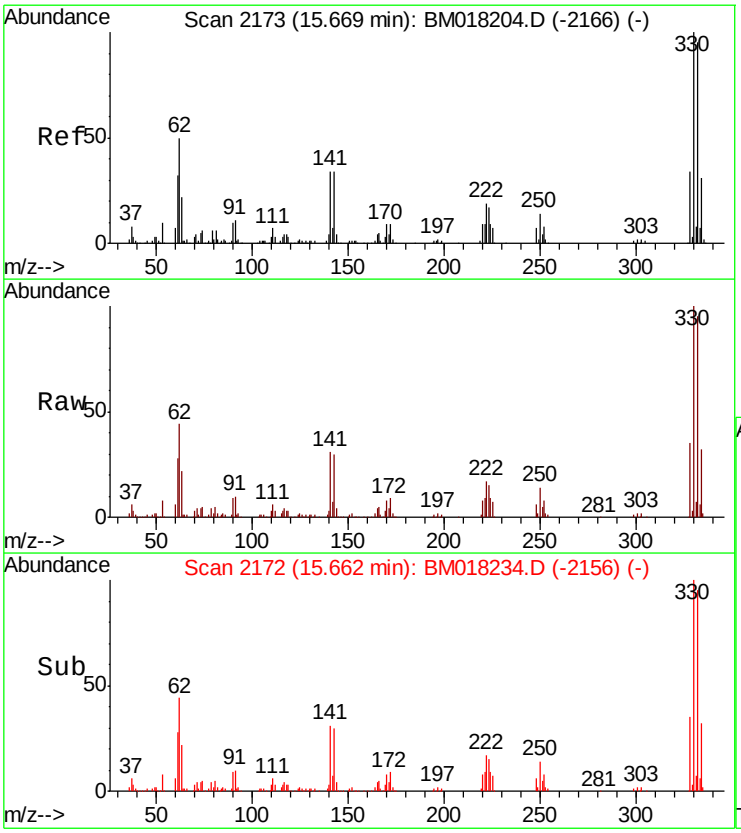

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.15 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018234.D
Acq: 16 Dec 2018 19:43

**Instrument :**
BNA_M
**ClientSampleId :**
P001-SD007-0006-01

Tgt Ion:164 Resp: 234051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.7 | 81.8 | 122.6 |
| 160 | 44.1 | 34.6 | 51.8 |

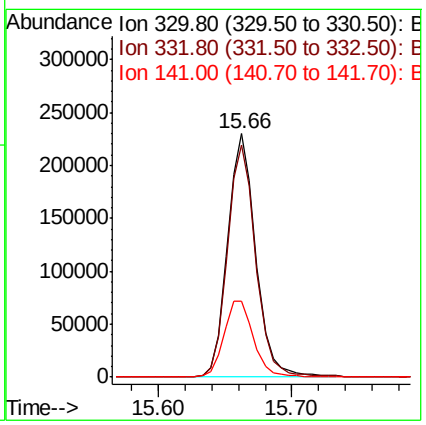


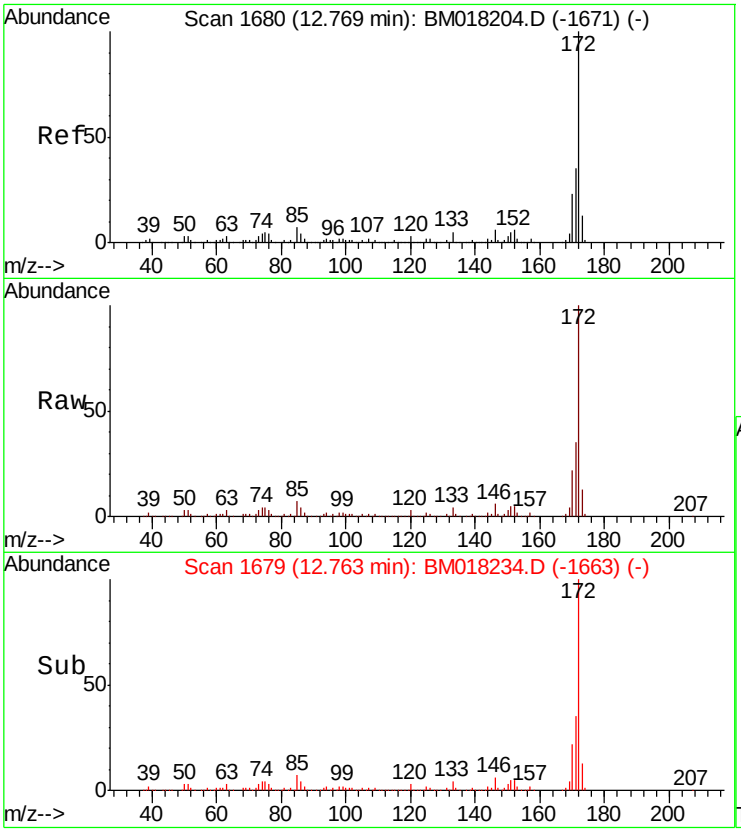




#42
2,4,6-Tribromophenol
Concen: 98.621 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM018234.D
Acq: 16 Dec 2018 19:43

Tgt Ion:330 Resp: 338785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.8 | 78.6 | 118.0 |
| 141 | 33.2 | 27.1 | 40.7 |



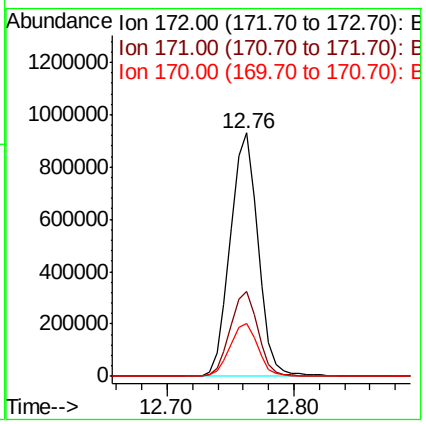


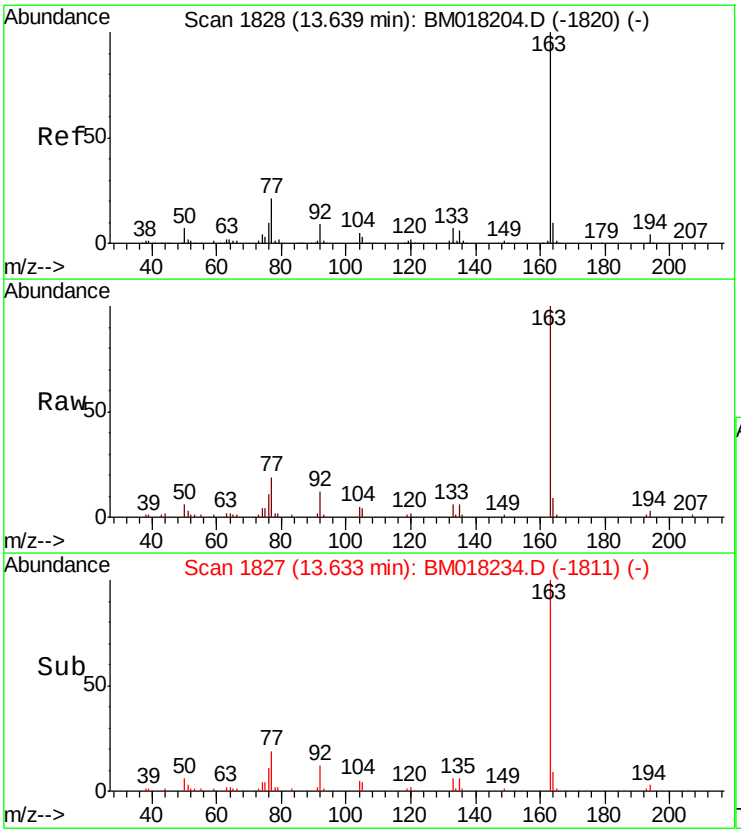

#45
2-Fluorobiphenyl
Concen: 77.853 ng
RT: 12.76 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BM018234.D
Acq: 16 Dec 2018 19:43

**Instrument :**
BNA_M
**ClientSampleId :**
P001-SD007-0006-01

Tgt Ion:172 Resp: 1406820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.8 | 28.3 | 42.5 |
| 170 | 21.7 | 18.1 | 27.1 |

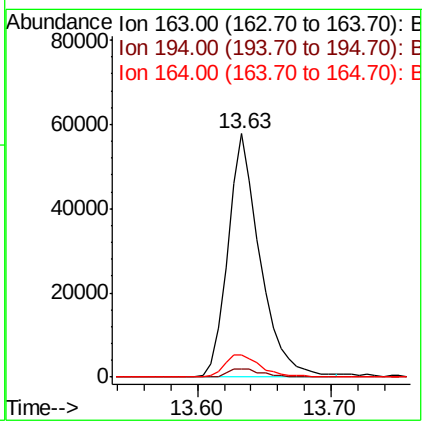


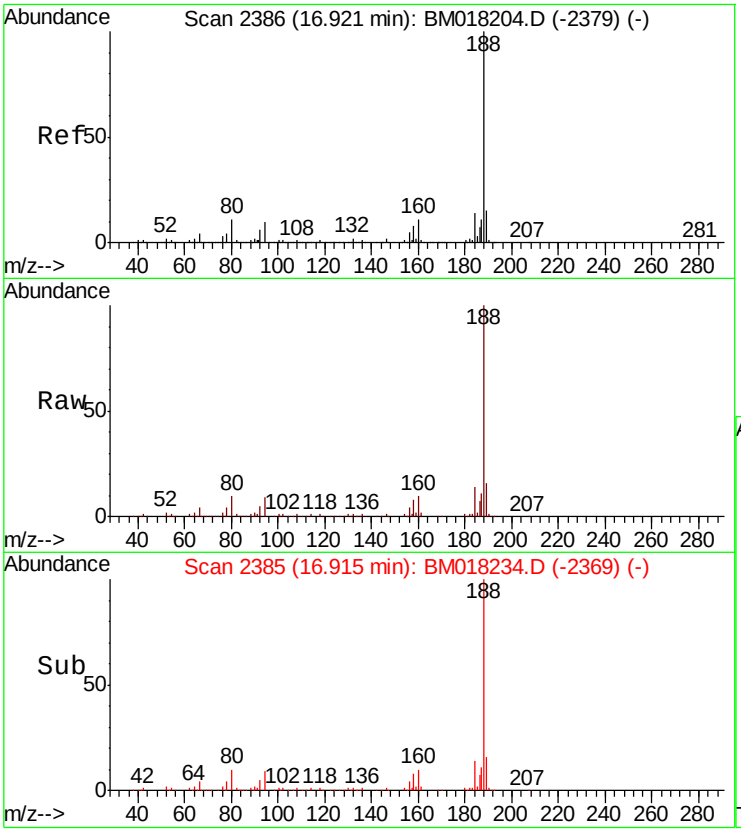




#50
Dimethylphthalate
Concen: 4.982 ng
RT: 13.63 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BM018234.D
Acq: 16 Dec 2018 19:43

Tgt Ion:163 Resp: 96936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.1 | 3.1 | 4.7 |
| 164 | 9.1 | 7.9 | 11.9 |



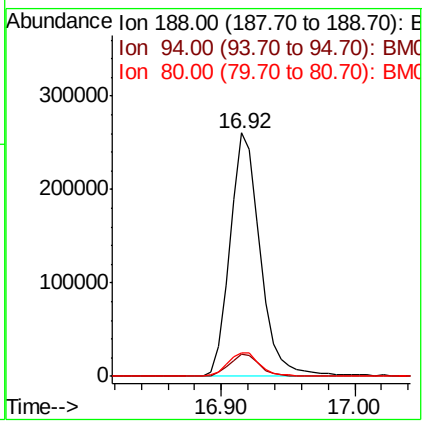


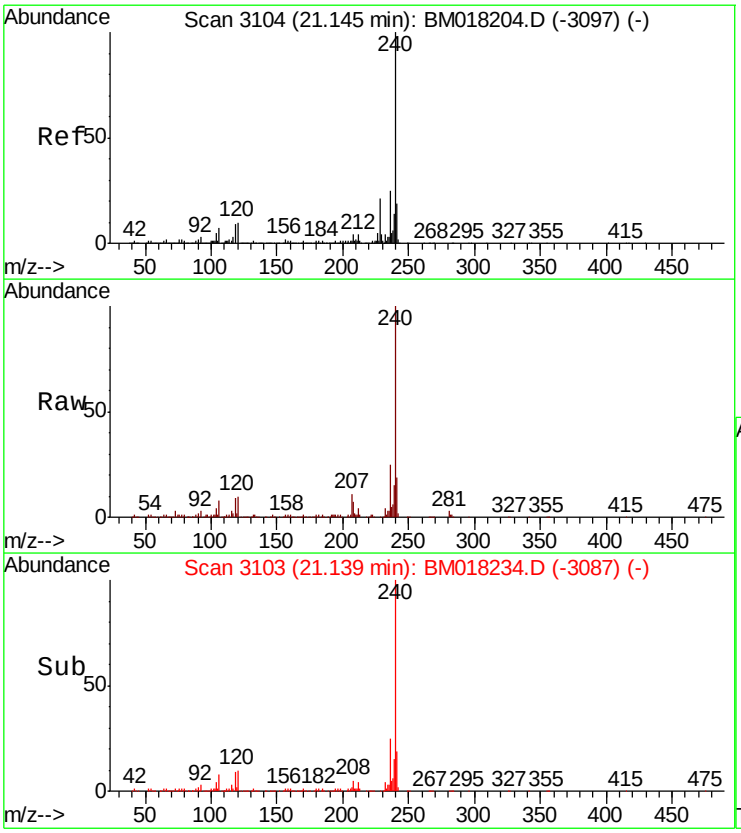

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018234.D
Acq: 16 Dec 2018 19:43

**Instrument :**
BNA_M
**ClientSampleId :**
P001-SD007-0006-01

Tgt Ion:188 Resp: 411320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.3 | 8.0 | 12.0 |
| 80 | 9.7 | 9.0 | 13.6 |

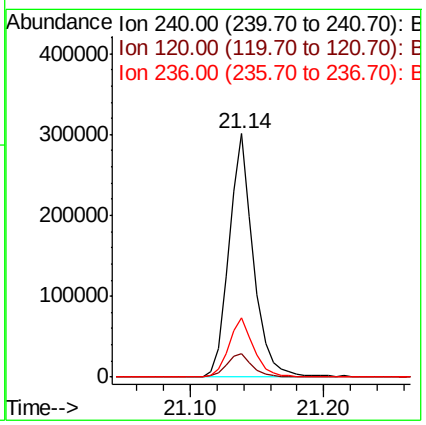


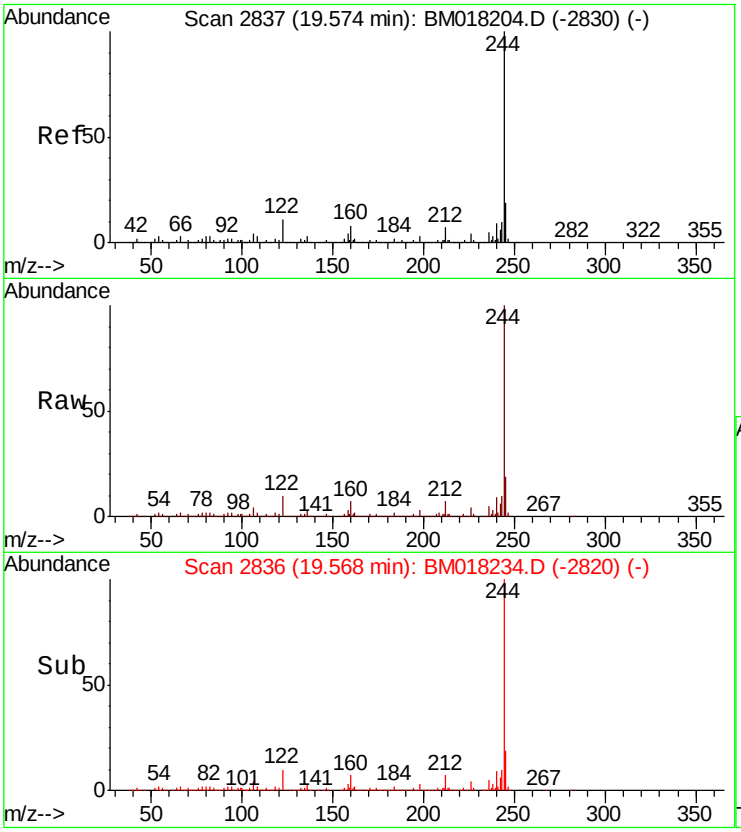




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018234.D
Acq: 16 Dec 2018 19:43

Tgt Ion:240 Resp: 384129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.6 | 8.2 | 12.2 |
| 236 | 24.5 | 20.3 | 30.5 |



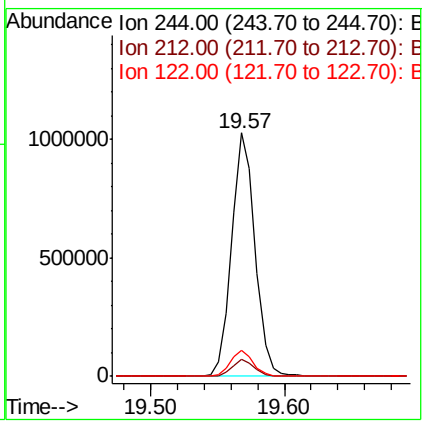


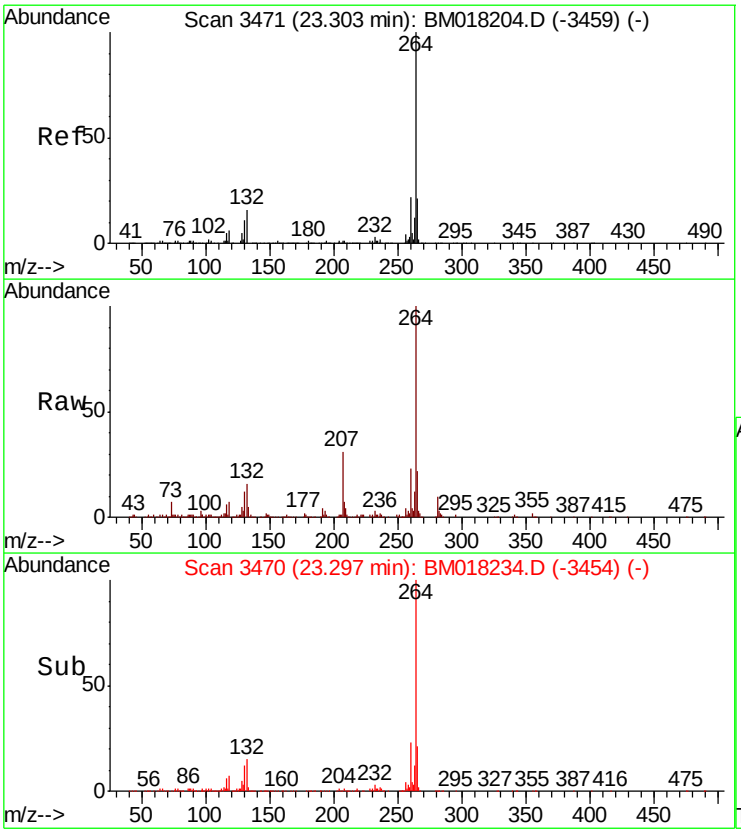

#79
Terphenyl-d14
Concen: 74.243 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BM018234.D
Acq: 16 Dec 2018 19:43

**Instrument :**
BNA_M
**ClientSampleId :**
P001-SD007-0006-01

Tgt Ion:244 Resp: 1260979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.8 | 8.8 |
| 122 | 10.4 | 9.0 | 13.6 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BM018234.D
Acq: 16 Dec 2018 19:43

Tgt Ion:264 Resp: 408551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.7 | 17.5 | 26.3 |
| 265 | 21.7 | 17.3 | 25.9 |