Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018580.D
Acq On : 16 Jan 2019 12:37
Operator : JU/SJ
Sample : K1139-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :**

Quant Time: Jan 16 13:37:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.75 | 152 | 145917 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.53 | 136 | 583620 | 20.00 | ng | -0.02 |
| 39) Acenaphthene-d10 | 14.39 | 164 | 341439 | 20.00 | ng | -0.02 |
| 64) Phenanthrene-d10 | 17.14 | 188 | 798224 | 20.00 | ng | -0.02 |
| 76) Chrysene-d12 | 21.33 | 240 | 949115 | 20.00 | ng | -0.02 |
| 87) Perylene-d12 | 23.61 | 264 | 1073005 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.33 | 112 | 516398 | 65.35 | ng | -0.02 |
| 7) Phenol-d6 | 6.92 | 99 | 676872 | 67.44 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 8.91 | 82 | 414239 | 41.15 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.89 | 330 | 239710 | 55.14 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 13.01 | 172 | 830443 | 31.74 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.77 | 244 | 1304292 | 28.97 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 32) Benzoic acid | 9.86 | 122 | 106 | 6.521 | ng | # 21 |
| 50) Dimethylphthalate | 13.85 | 163 | 302250 | 10.779 | ng | 98 |

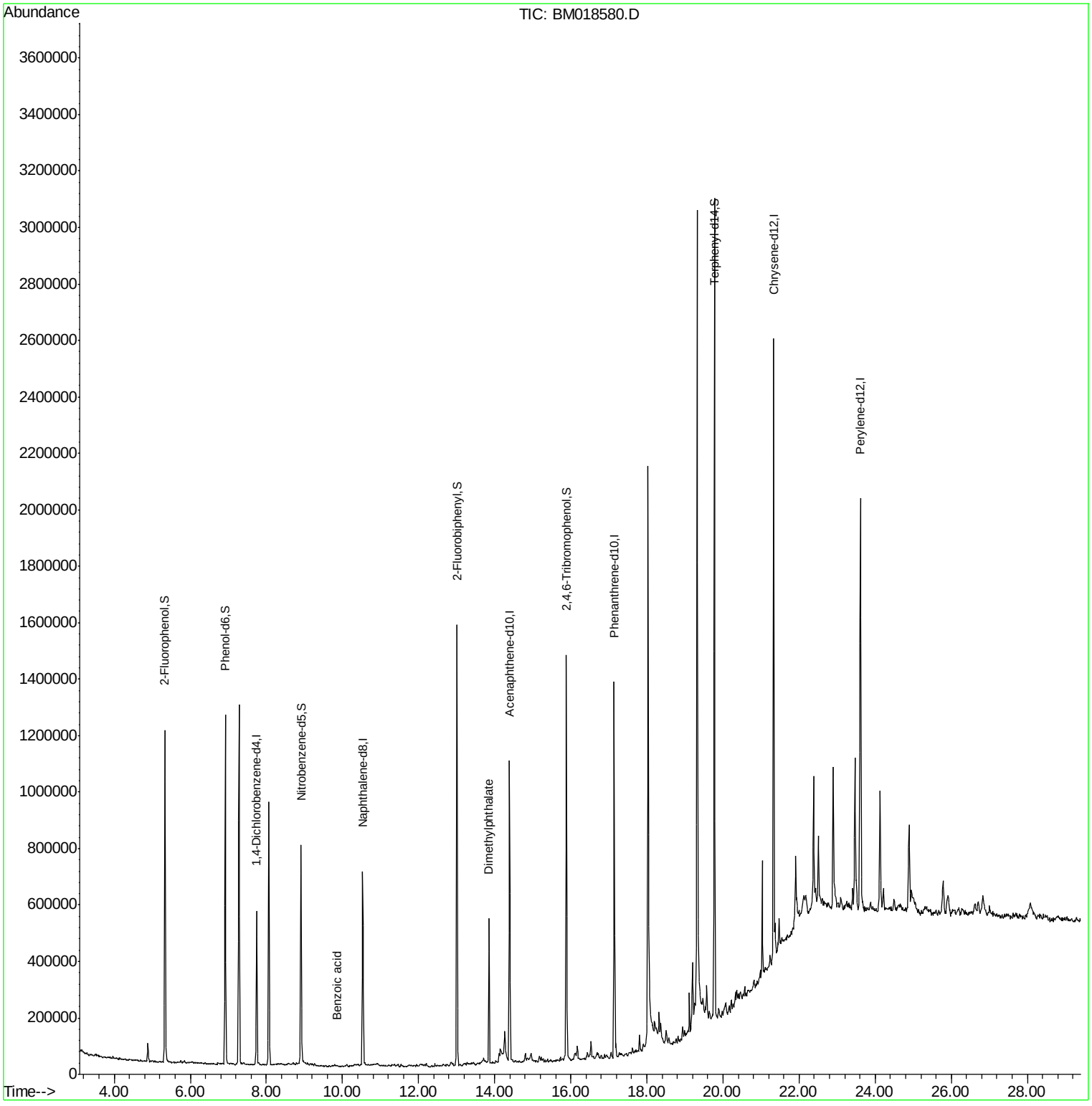
(#) = qualifier out of range (m) = manual integration (+) = signals summed

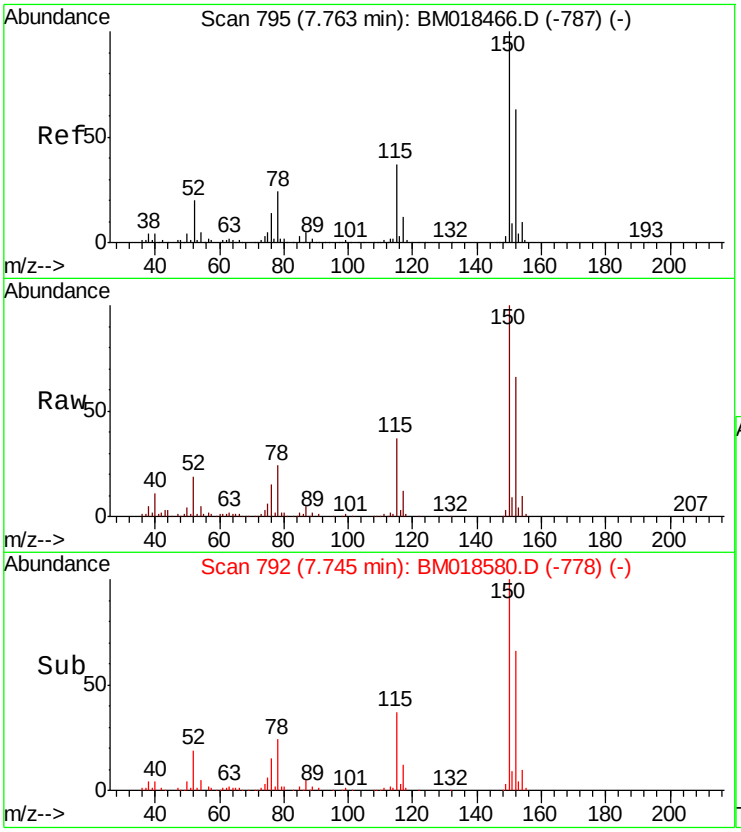
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018580.D
Acq On : 16 Jan 2019 12:37
Operator : JU/SJ
Sample : K1139-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**

Quant Time: Jan 16 13:37:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration



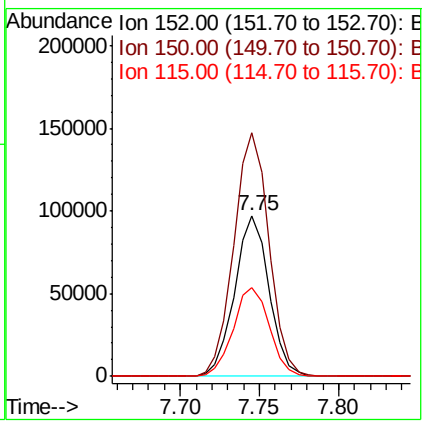


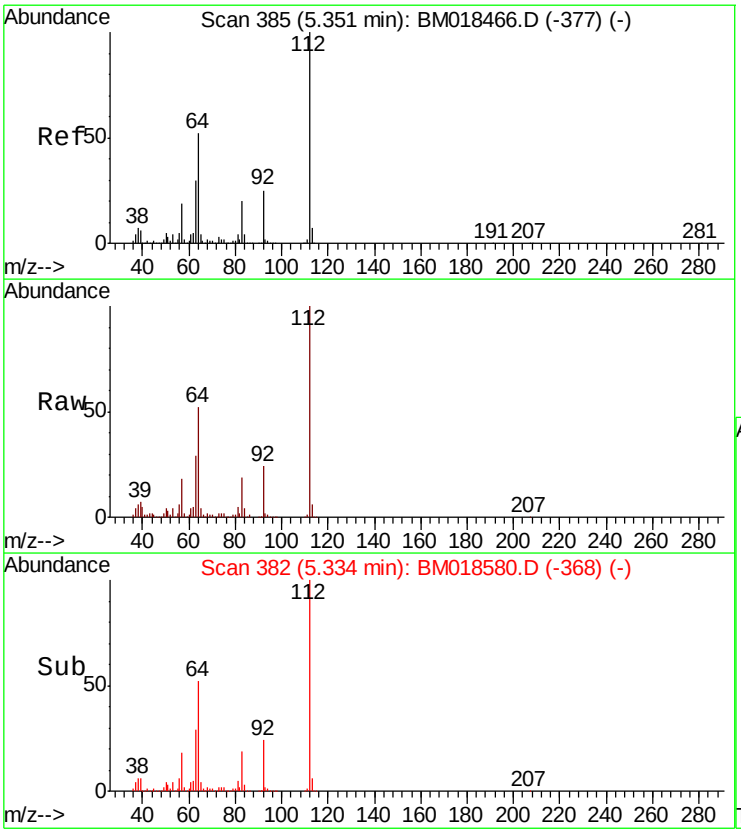

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM018580.D
Acq: 16 Jan 2019 12:37

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:152 Resp: 145917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.2 | 126.9 | 190.3 |
| 115 | 55.2 | 45.5 | 68.3 |

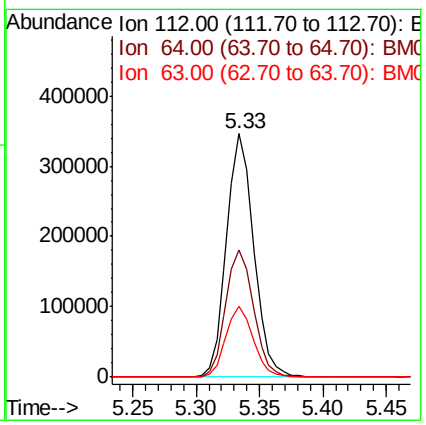


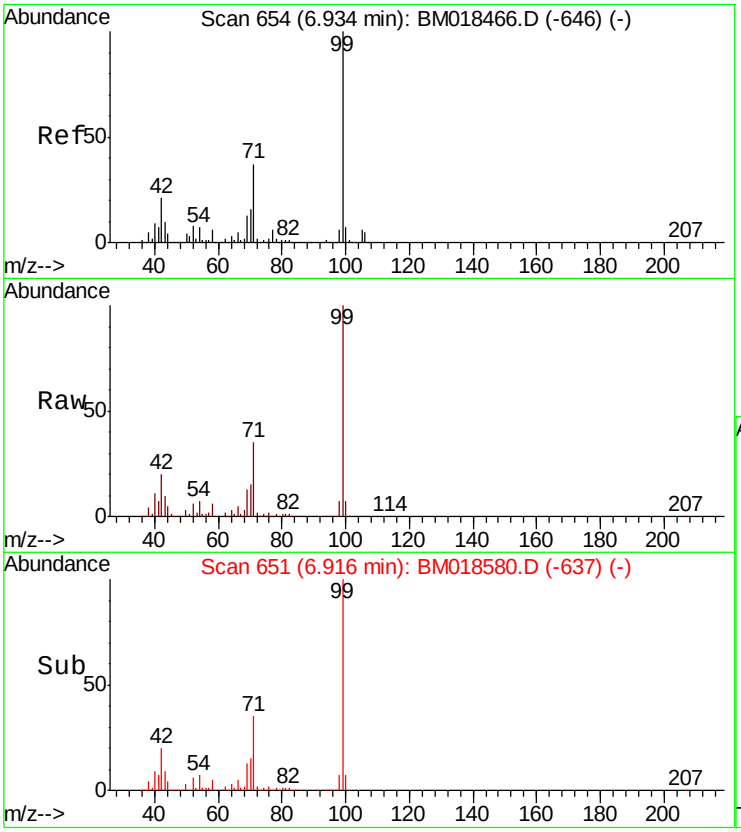




#5
2-Fluorophenol
Concen: 65.347 ng
RT: 5.33 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM018580.D
Acq: 16 Jan 2019 12:37

Tgt Ion:112 Resp: 516398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 52.3 | 46.5 | 69.7 |
| 63 | 29.0 | 25.2 | 37.8 |



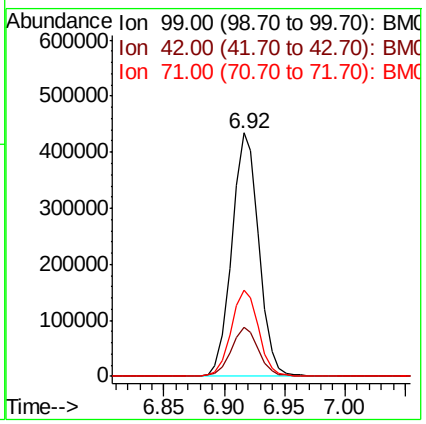


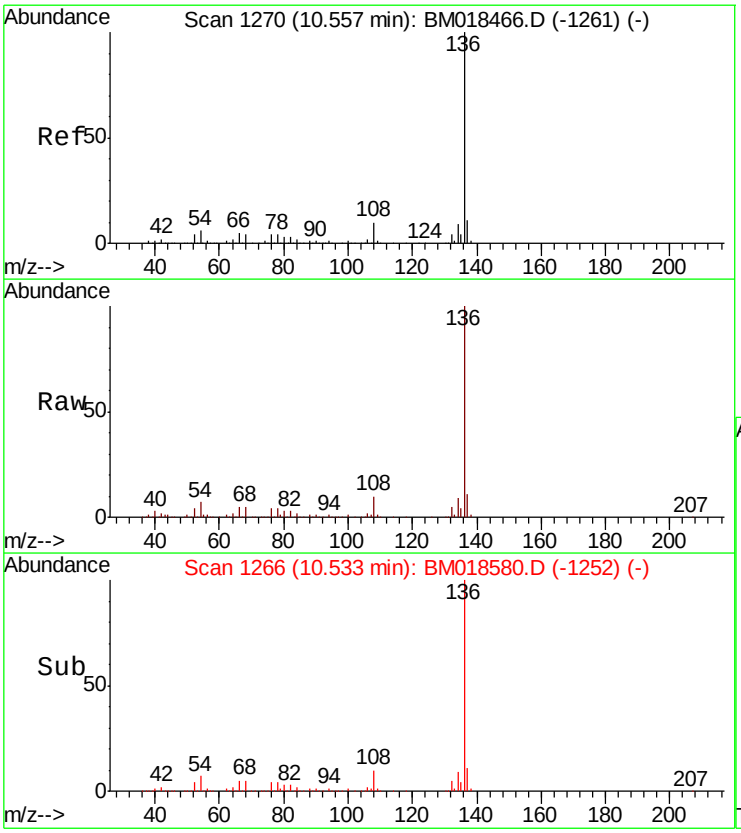

#7
Phenol-d6
Concen: 67.438 ng
RT: 6.92 min Scan# 651
Delta R.T. -0.02 min
Lab File: BM018580.D
Acq: 16 Jan 2019 12:37

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 99 Resp: 676872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.9 | 17.3 | 25.9 |
| 71 | 35.3 | 28.0 | 42.0 |

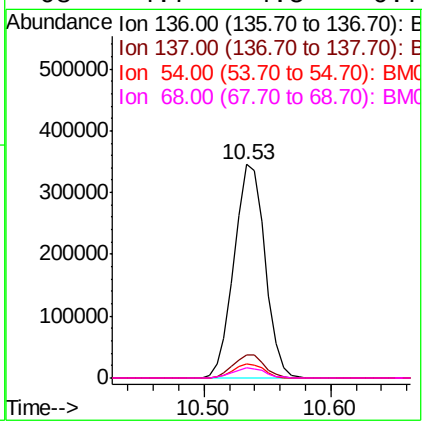


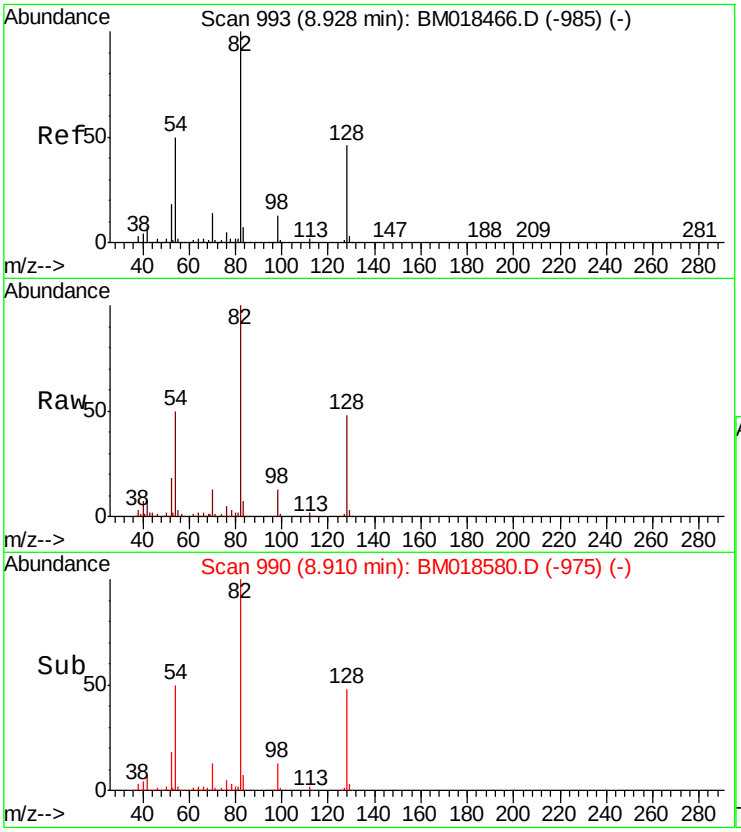




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM018580.D
Acq: 16 Jan 2019 12:37

Tgt Ion:136 Resp: 583620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.5 | 12.7 |
| 54 | 6.9 | 6.0 | 9.0 |
| 68 | 4.7 | 4.5 | 6.7 |



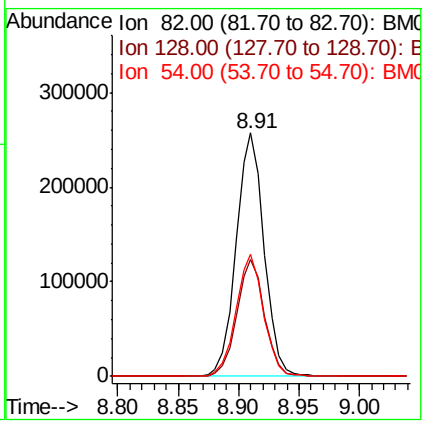


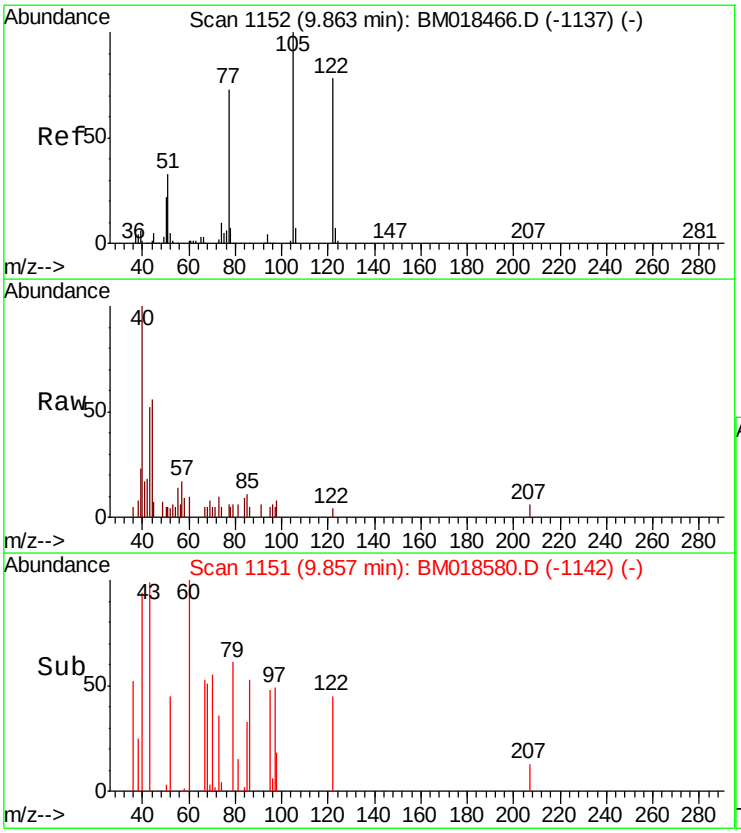

#23
Nitrobenzene-d5
Concen: 41.146 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM018580.D
Acq: 16 Jan 2019 12:37

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 82 Resp: 414239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.0 | 36.3 | 54.5 |
| 54 | 50.2 | 41.7 | 62.5 |

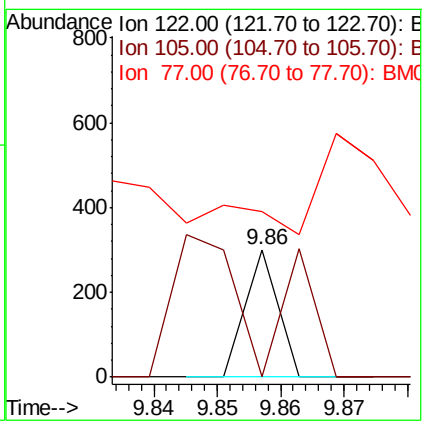


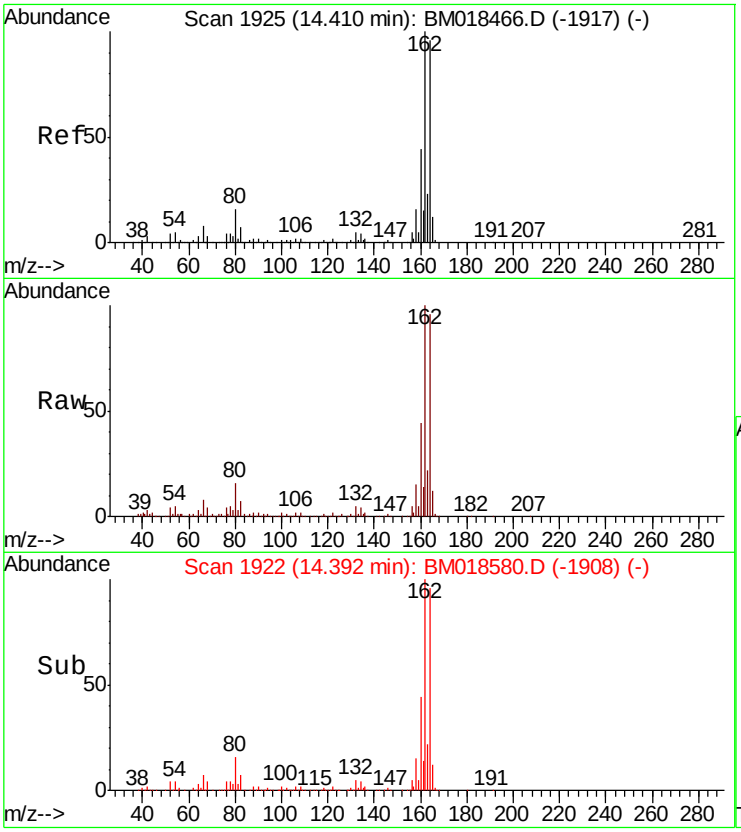




#32
Benzoic acid
Concen: 6.521 ng
RT: 9.86 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BM018580.D
Acq: 16 Jan 2019 12:37

Tgt Ion:122 Resp: 106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 0.0 | 100.4 | 140.4# |
| 77 | 129.6 | 71.7 | 111.7# |



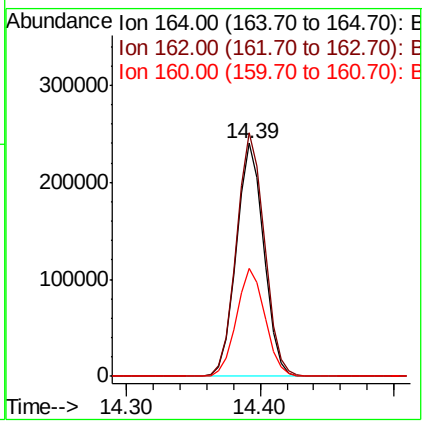


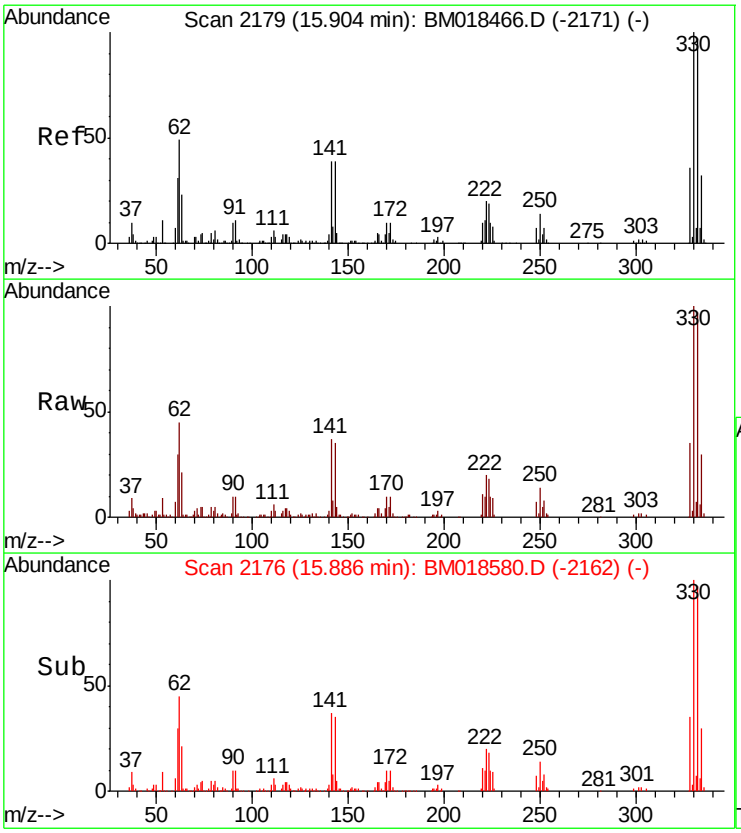

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BM018580.D
Acq: 16 Jan 2019 12:37

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:164 Resp: 341439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.4 | 83.0 | 124.4 |
| 160 | 46.3 | 37.1 | 55.7 |

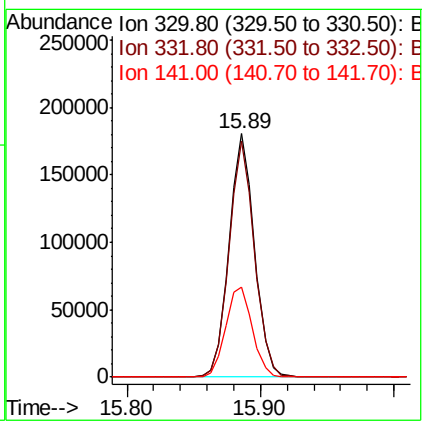


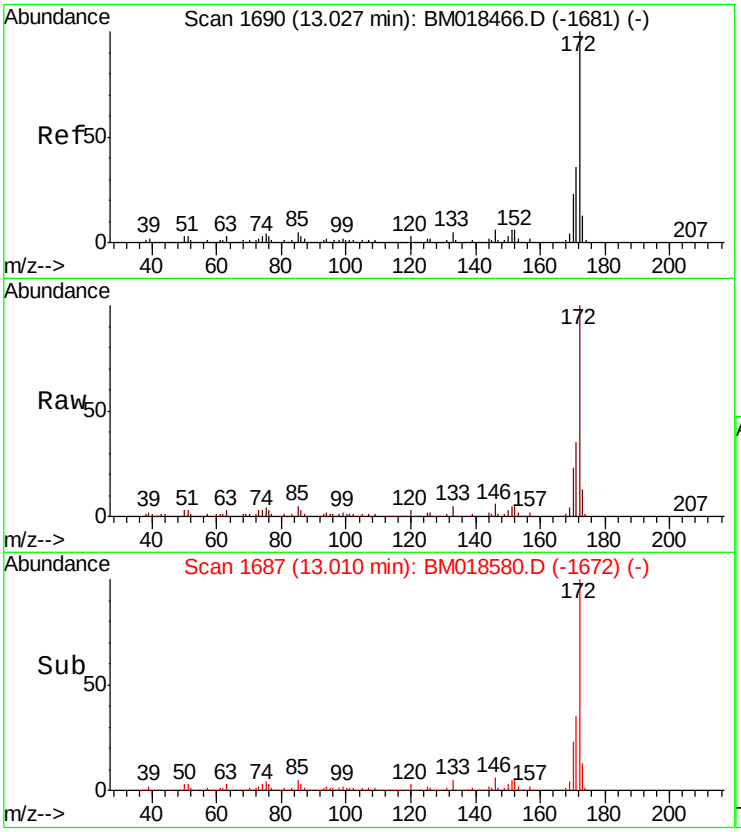




#42
2,4,6-Tribromophenol
Concen: 55.138 ng
RT: 15.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BM018580.D
Acq: 16 Jan 2019 12:37

Tgt Ion:330 Resp: 239710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.4 | 77.6 | 116.4 |
| 141 | 39.3 | 31.7 | 47.5 |



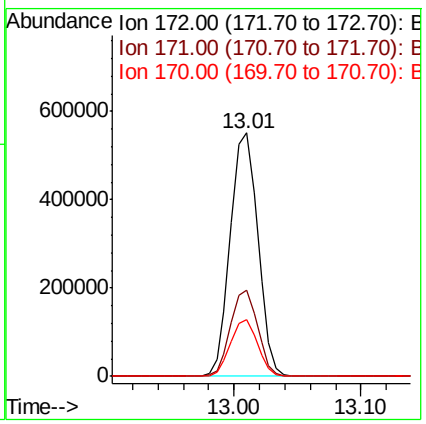


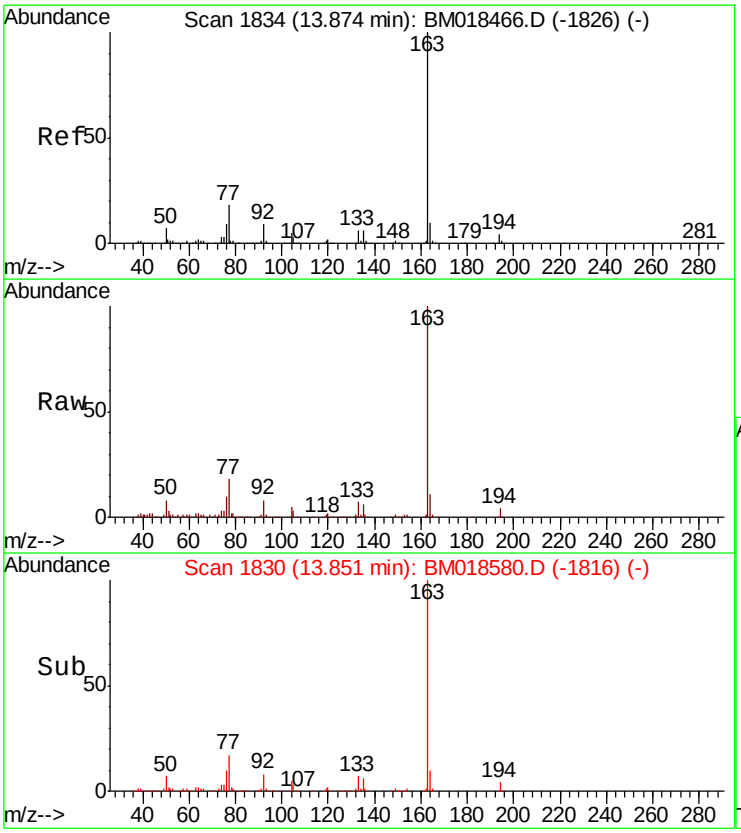

#45
2-Fluorobiphenyl
Concen: 31.737 ng
RT: 13.01 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BM018580.D
Acq: 16 Jan 2019 12:37

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:172 Resp: 830443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 28.2 | 42.4 |
| 170 | 23.3 | 18.9 | 28.3 |

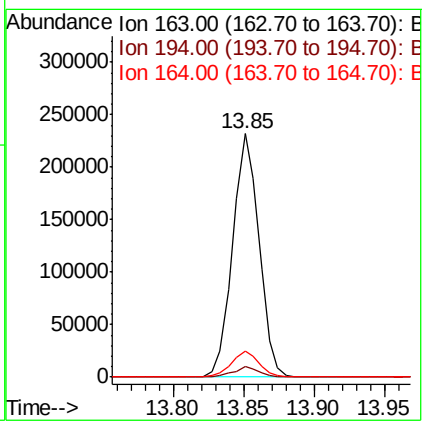


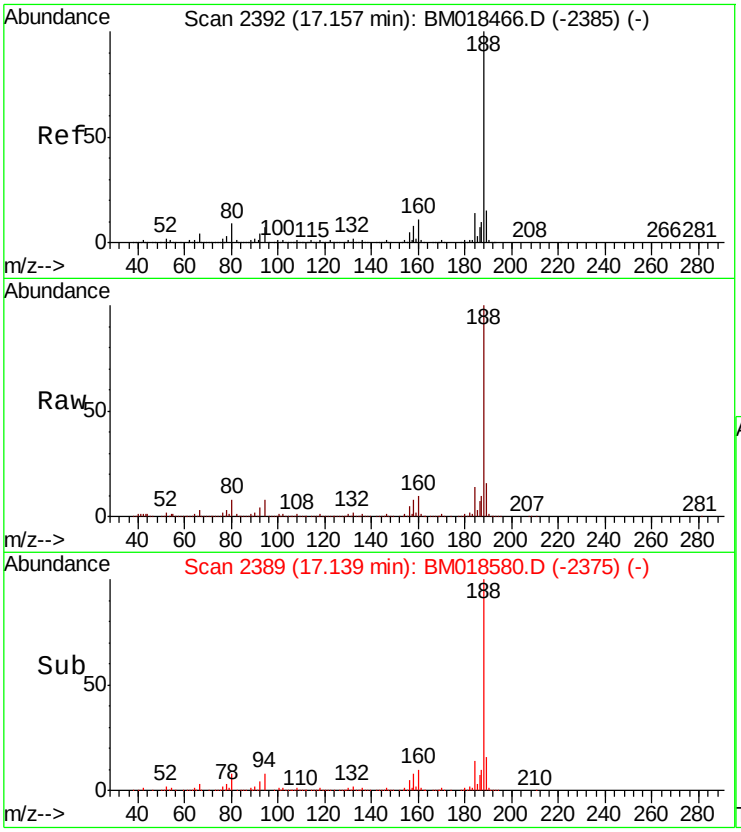




#50
Dimethylphthalate
Concen: 10.779 ng
RT: 13.85 min Scan# 1830
Delta R.T. -0.02 min
Lab File: BM018580.D
Acq: 16 Jan 2019 12:37

Tgt Ion:163 Resp: 302250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.0 | 4.6 |
| 164 | 10.6 | 7.8 | 11.8 |



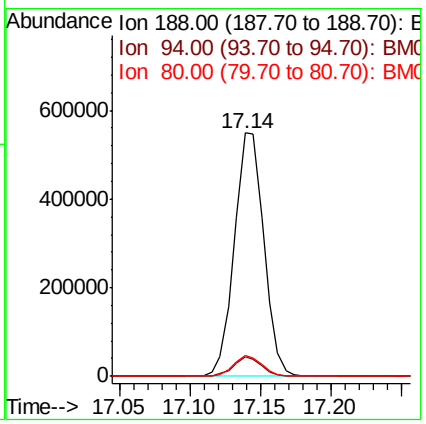


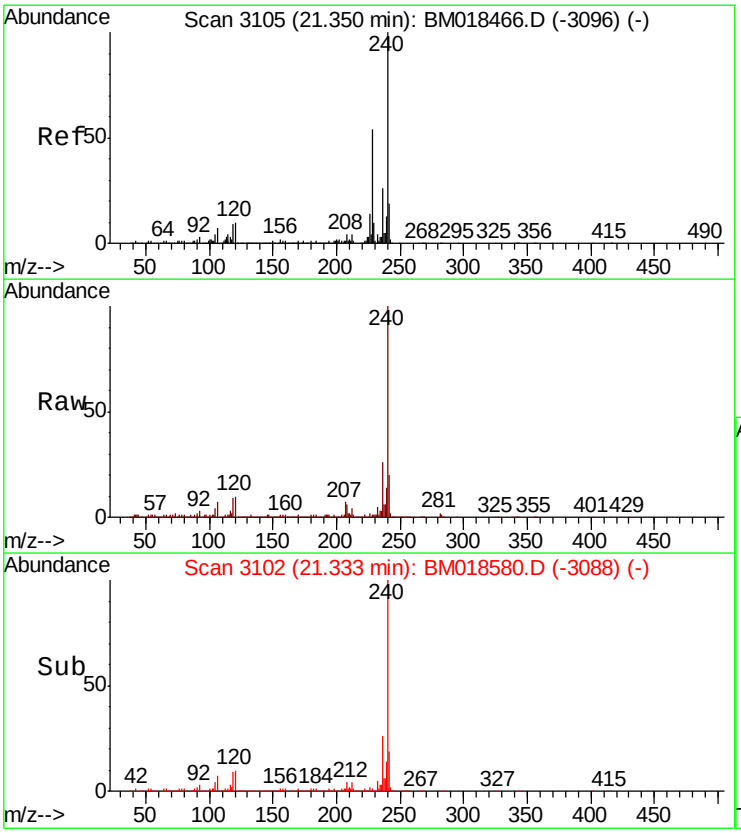

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018580.D
Acq: 16 Jan 2019 12:37

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:188 Resp: 798224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.9 | 7.1 | 10.7 |
| 80 | 8.3 | 7.6 | 11.4 |

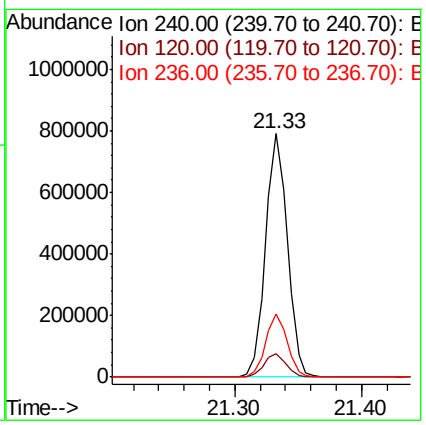


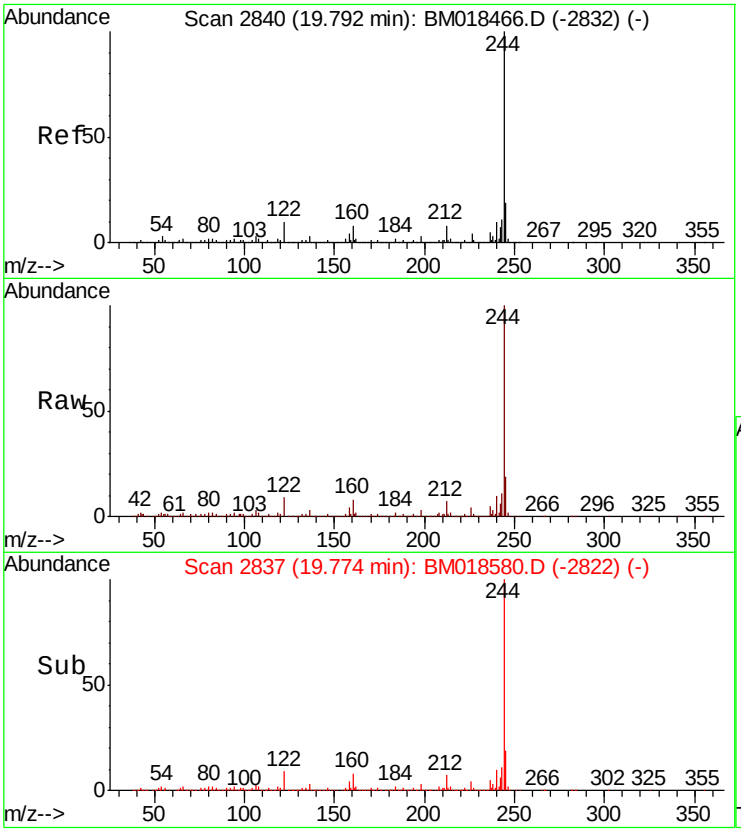




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3102
Delta R.T. -0.02 min
Lab File: BM018580.D
Acq: 16 Jan 2019 12:37

Tgt Ion:240 Resp: 949115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.6 | 8.4 | 12.6 |
| 236 | 25.8 | 20.7 | 31.1 |



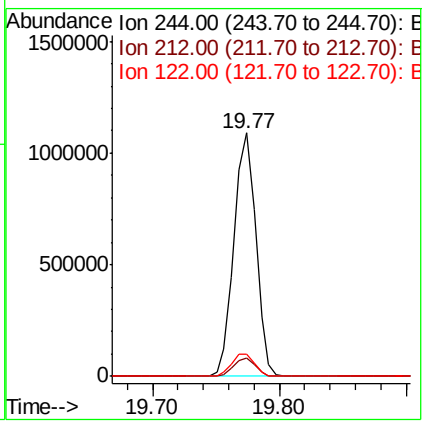


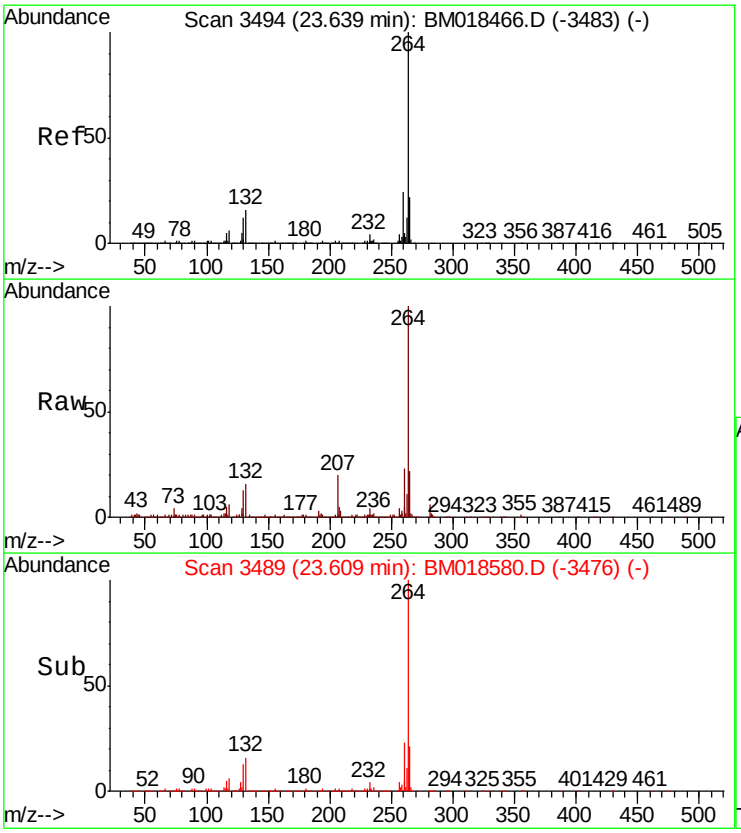

#79
Terphenyl-d14
Concen: 28.969 ng
RT: 19.77 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BM018580.D
Acq: 16 Jan 2019 12:37

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:244 Resp: 1304292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 5.9 | 8.9 |
| 122 | 9.0 | 9.0 | 13.4 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.61 min Scan# 3489
Delta R.T. -0.02 min
Lab File: BM018580.D
Acq: 16 Jan 2019 12:37

Tgt Ion:264 Resp: 1073005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 18.9 | 28.3 |
| 265 | 22.0 | 16.8 | 25.2 |