Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011019\

Quantitation Report (Not Reviewed)

Data File : BM018524.D
Acq On : 11 Jan 2019 00:29
Operator : JU/SJ
Sample : K1099-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TP-17-14

Quant Time: Jan 11 03:31:14 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 | 7.76 | 152 | 634247 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.55 | 136 | 2682001 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.40 | 164 | 1584017 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.16 | 188 | 3569057 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.35 | 240 | 3472188 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 23.63 | 264 | 2968763 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.35 | 112 | 5205606 | 151.55 | ng | | 0.00 |
| 7) Phenol-d6 | 6.94 | 99 | 7033024 | 161.21 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.93 | 82 | 4313366 | 93.23 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.90 | 330 | 3193101 | 158.32 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.03 | 172 | 9811400 | 80.82 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.79 | 244 | 12450188 | 75.59 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 6.96 | 94 | 116651 | 2.631 | ng | | 84 |
| 32) Benzoic acid | 9.85 | 122 | 152 | 6.508 | ng | # | 53 |
| 50) Dimethylphthalate | 13.86 | 163 | 2992990 | 23.007 | ng | | 99 |

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

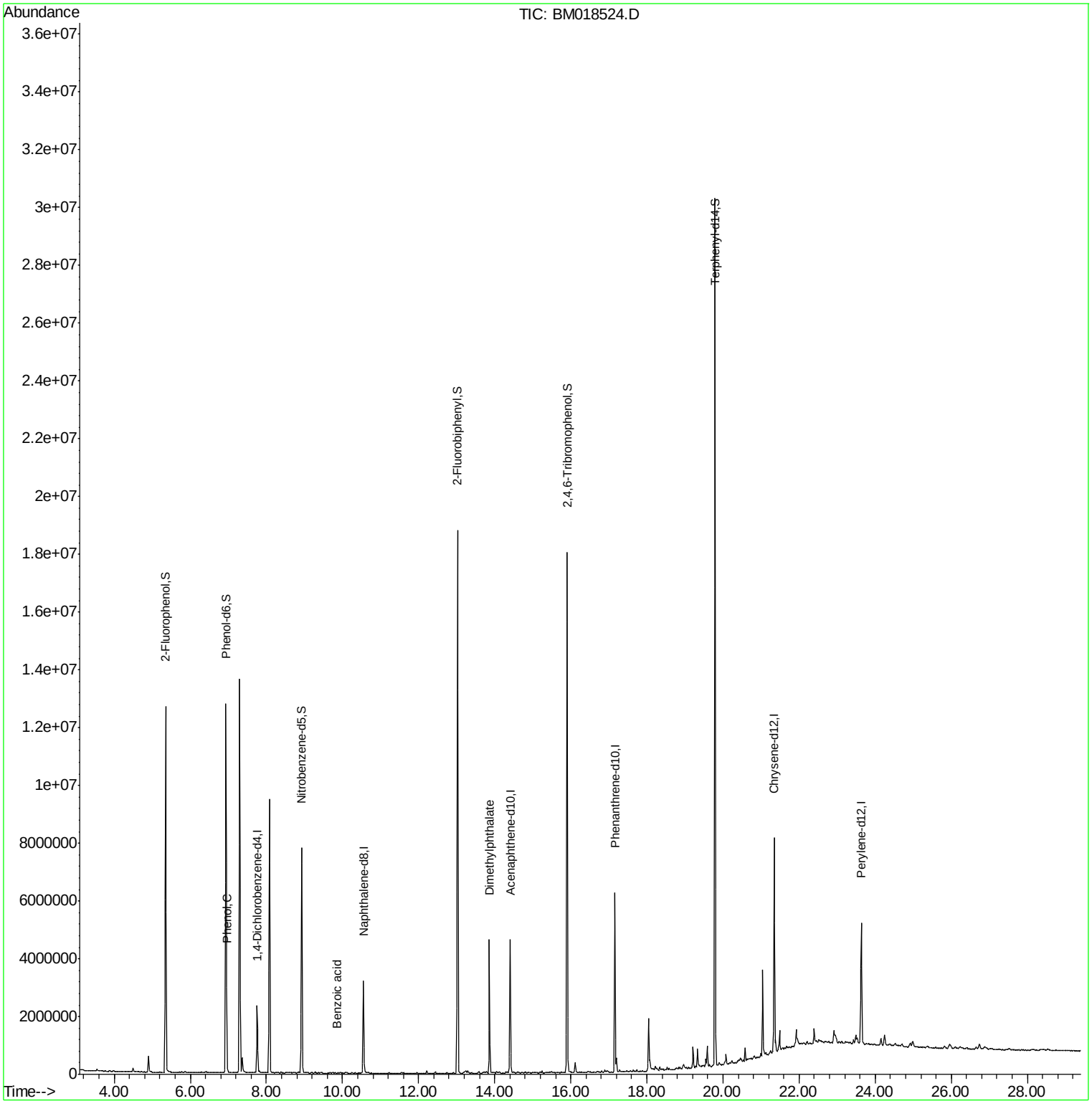
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011019\

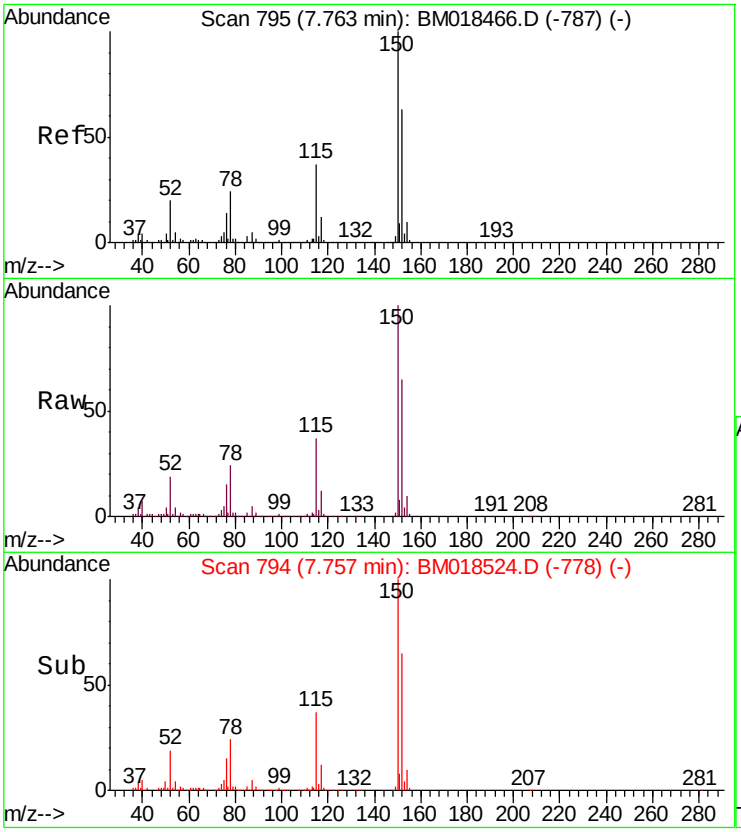
Quantitation Report (Not Reviewed)

Data File : BM018524.D
Acq On : 11 Jan 2019 00:29
Operator : JU/SJ
Sample : K1099-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TP-17-14

Quant Time: Jan 11 03:31:14 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



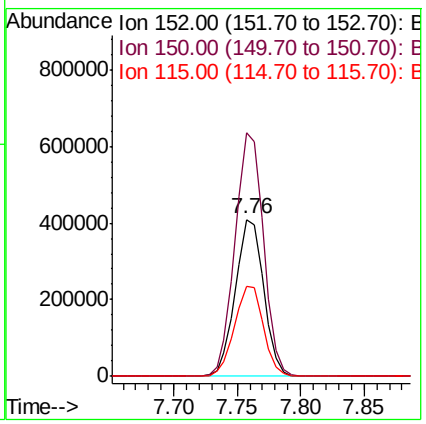


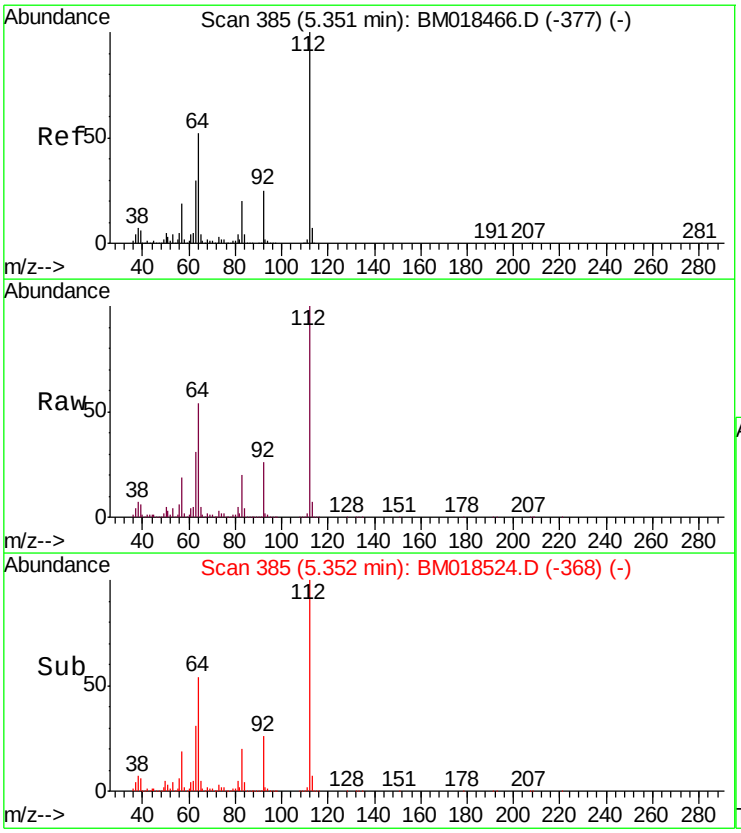

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

**Instrument :**
BNA_M
**ClientSampleId :**
TP-17-14

Tgt Ion:152 Resp: 634247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.0 | 126.9 | 190.3 |
| 115 | 57.7 | 45.5 | 68.3 |

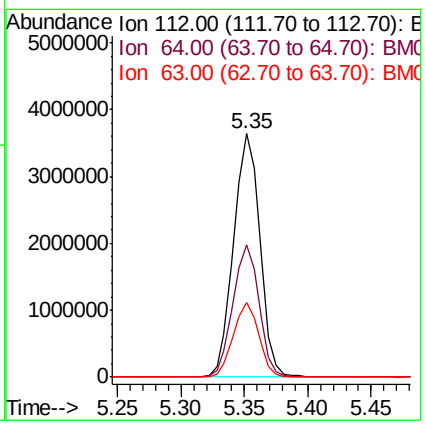


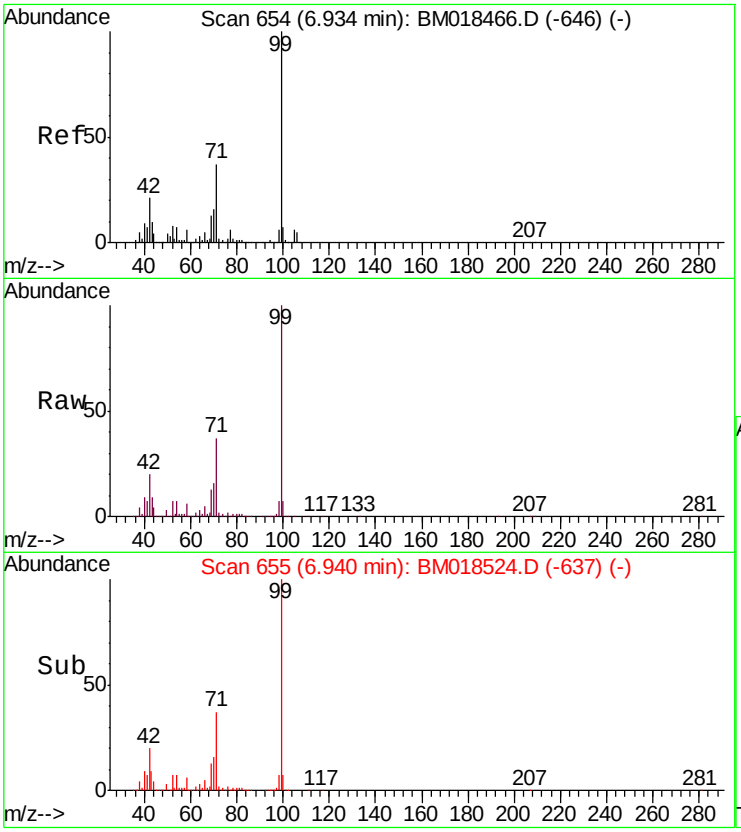




#5
2-Fluorophenol
Concen: 151.552 ng
RT: 5.35 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

Tgt Ion:112 Resp: 5205606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 54.4 | 46.5 | 69.7 |
| 63 | 30.5 | 25.2 | 37.8 |



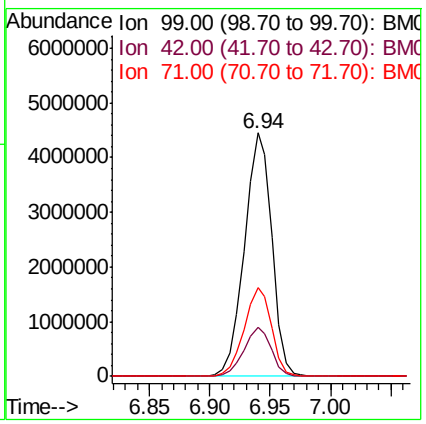


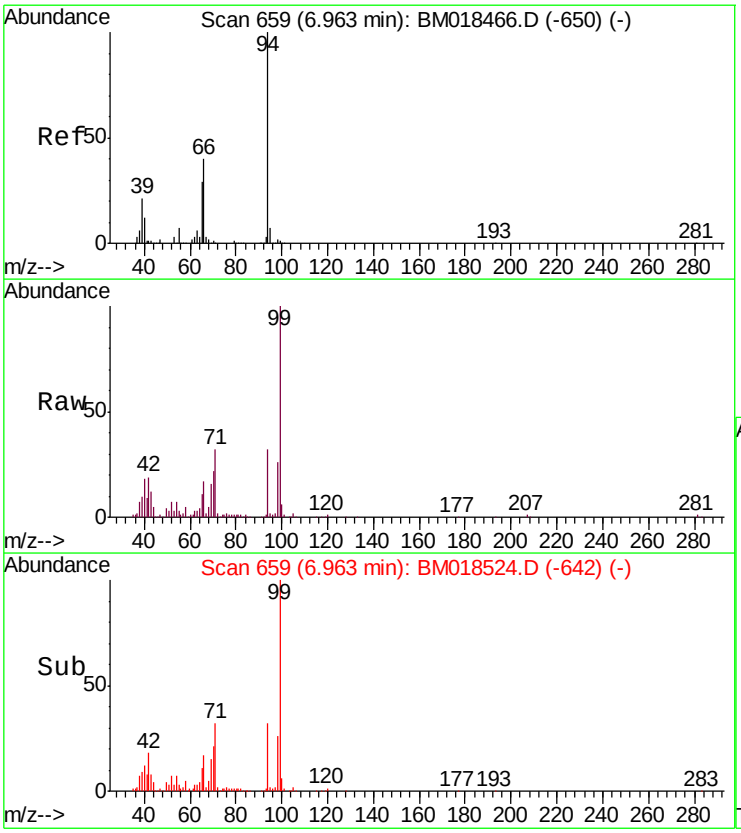

#7
Phenol-d6
Concen: 161.208 ng
RT: 6.94 min Scan# 655
Delta R.T. 0.01 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

**Instrument :**
BNA_M
**ClientSampleId :**
TP-17-14

Tgt Ion: 99 Resp: 7033024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.9 | 17.3 | 25.9 |
| 71 | 36.6 | 28.0 | 42.0 |

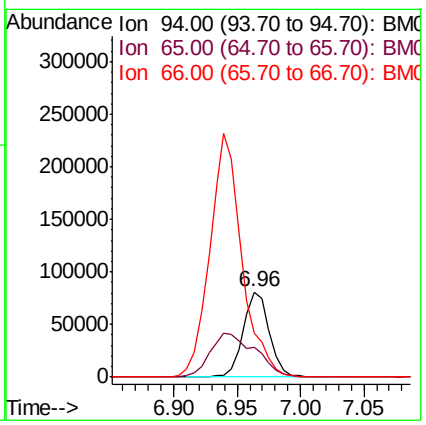


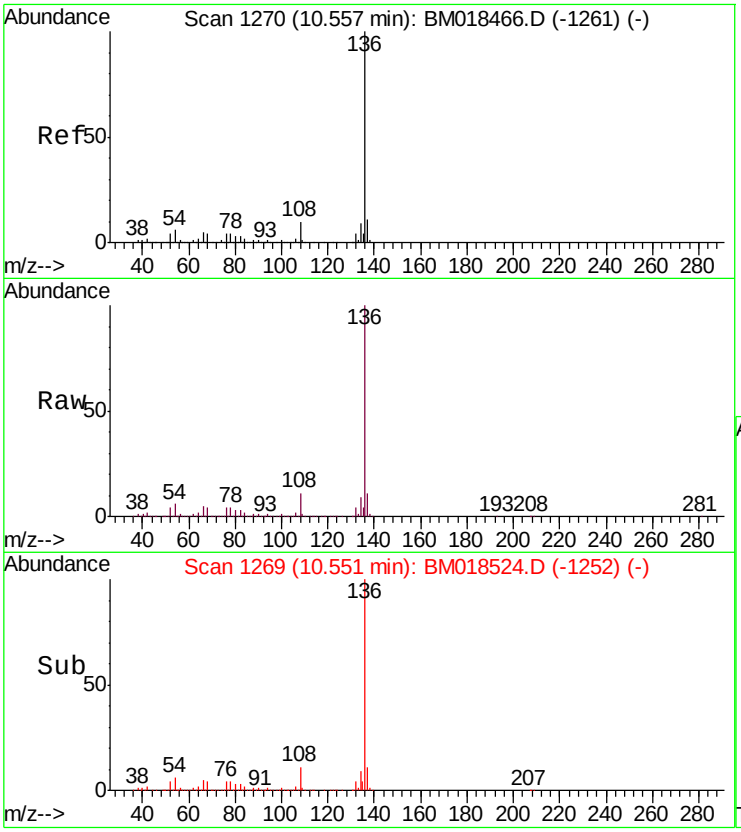




#10
Phenol
Concen: 2.631 ng
RT: 6.96 min Scan# 659
Delta R.T. 0.00 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

Tgt Ion: 94 Resp: 116651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 34.5 | 9.4 | 49.4 |
| 66 | 52.2 | 19.1 | 59.1 |



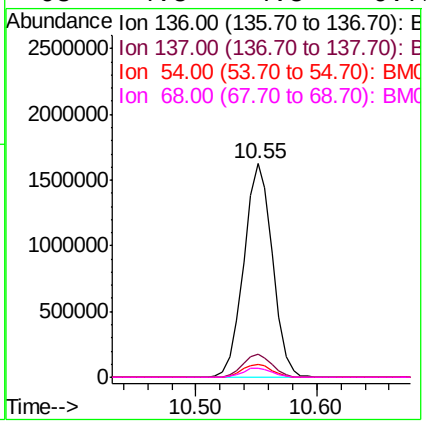


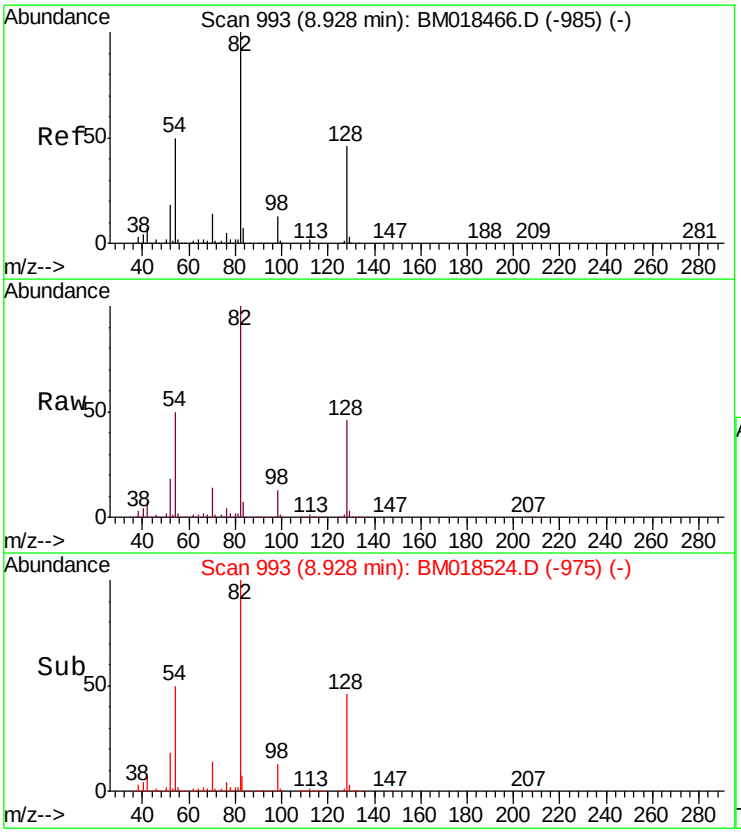

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

**Instrument :**
BNA_M
**ClientSampleId :**
TP-17-14

Tgt Ion:136 Resp: 2682001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.5 | 12.7 |
| 54 | 6.2 | 6.0 | 9.0 |
| 68 | 4.5 | 4.5 | 6.7# |

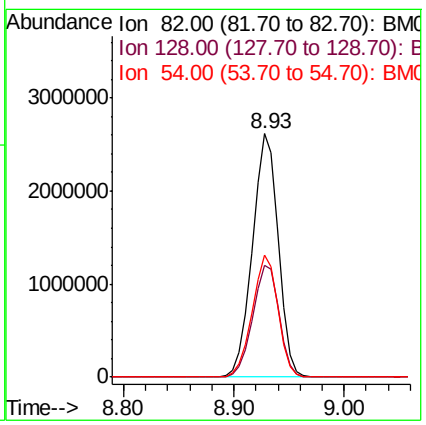


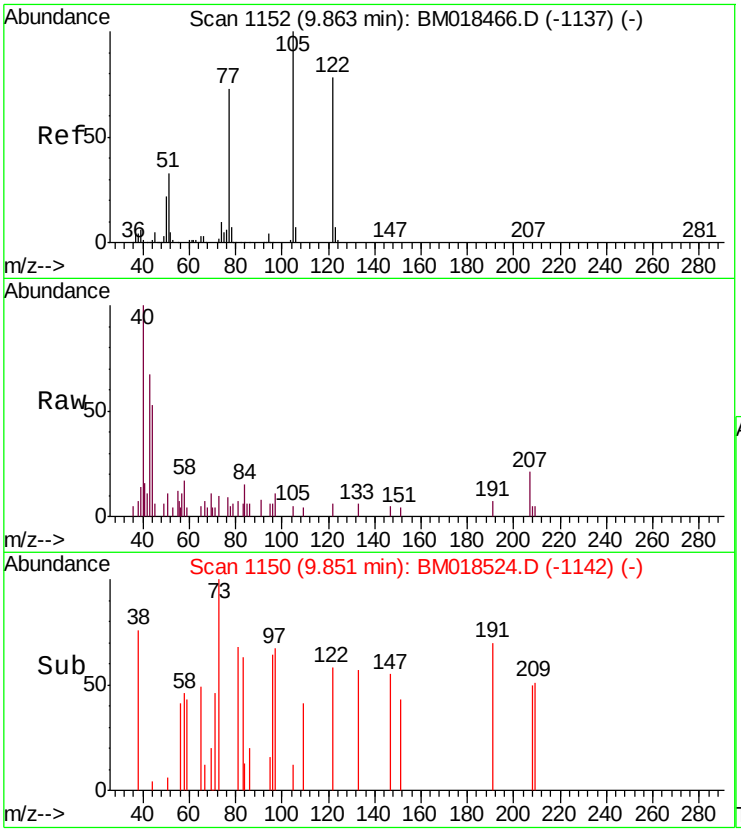




#23
Nitrobenzene-d5
Concen: 93.233 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

Tgt Ion: 82 Resp: 4313366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.1 | 36.3 | 54.5 |
| 54 | 50.0 | 41.7 | 62.5 |



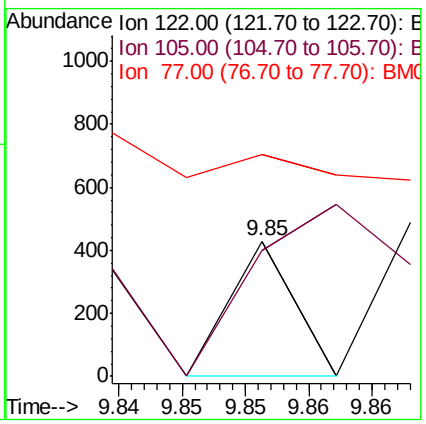


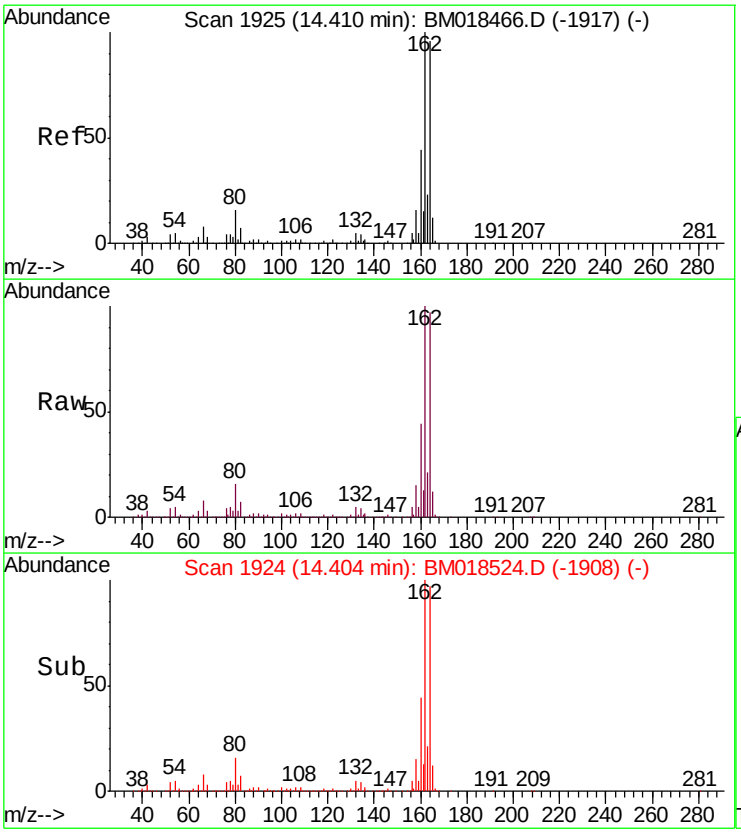

#32
Benzoic acid
Concen: 6.508 ng
RT: 9.85 min Scan# 1150
Delta R.T. -0.05 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

**Instrument :**
BNA_M
**ClientSampleId :**
TP-17-14

Tgt Ion:122 Resp: 152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 93.0 | 100.4 | 140.4# |
| 77 | 164.0 | 71.7 | 111.7# |

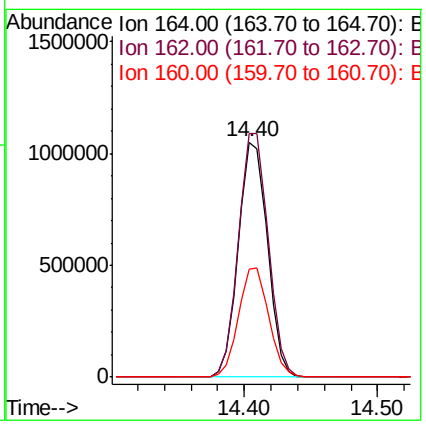


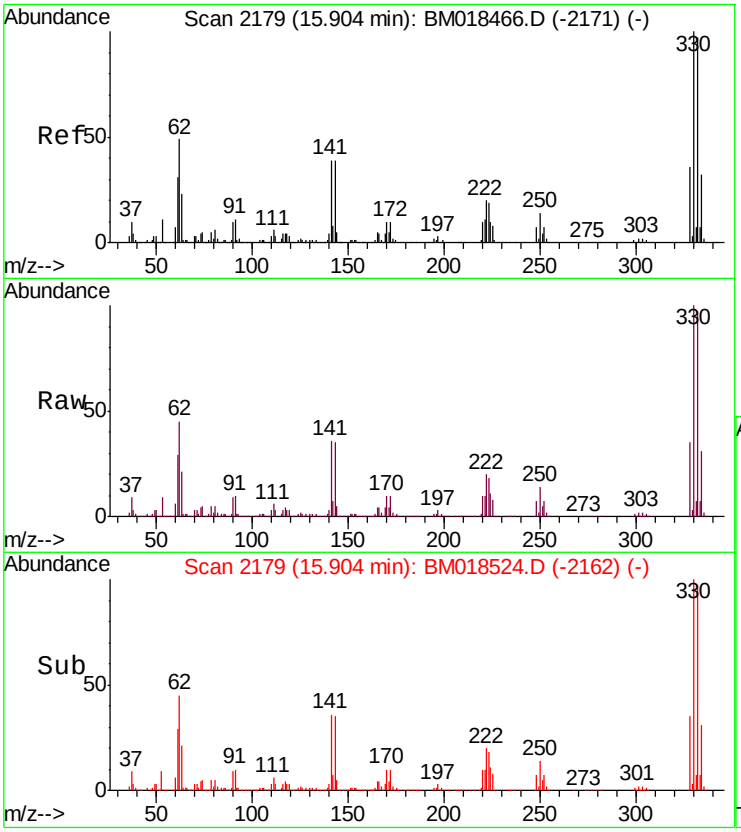




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

Tgt Ion:164 Resp: 1584017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.6 | 83.0 | 124.4 |
| 160 | 46.0 | 37.1 | 55.7 |



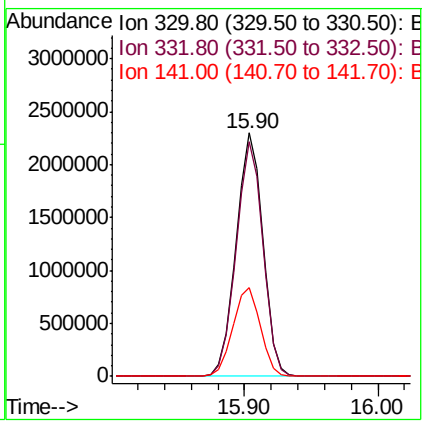


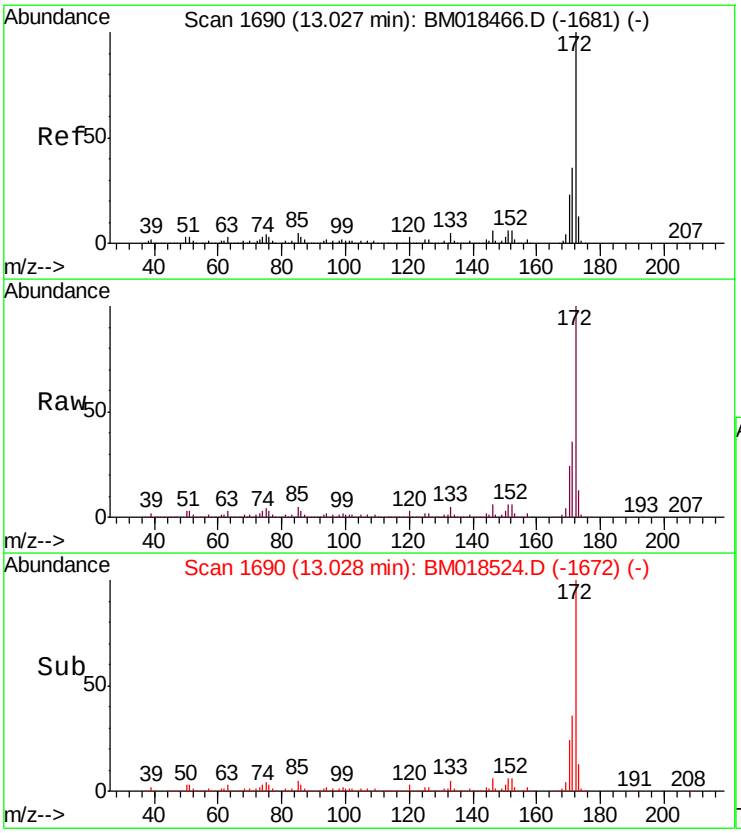

#42
2,4,6-Tribromophenol
Concen: 158.317 ng
RT: 15.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

**Instrument :**
BNA_M
**ClientSampleId :**
TP-17-14

Tgt Ion:330 Resp: 3193101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 77.6 | 116.4 |
| 141 | 37.7 | 31.7 | 47.5 |

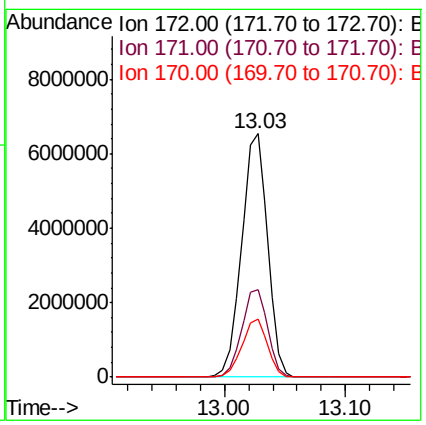


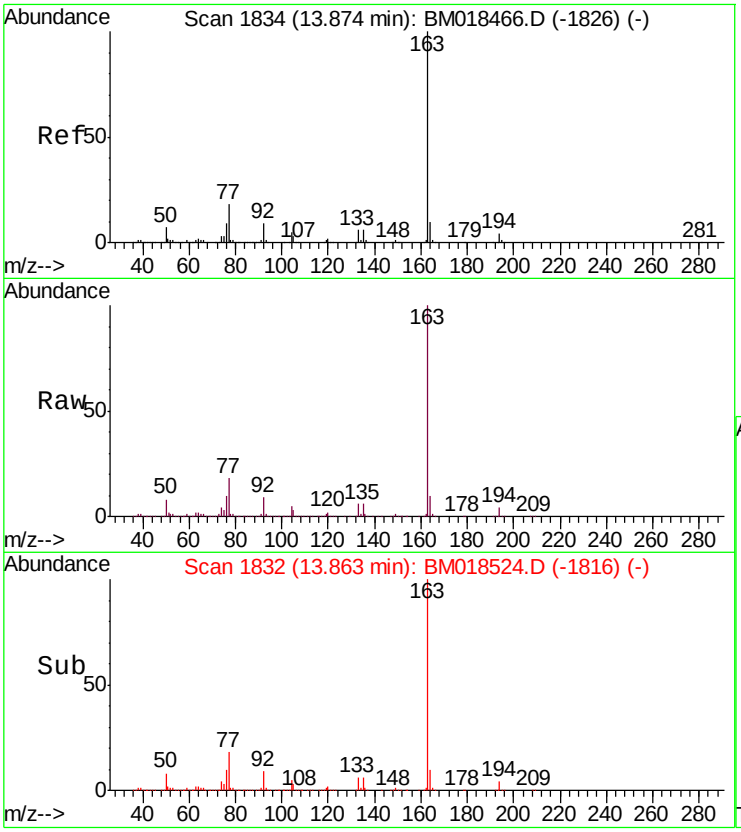




#45
2-Fluorobiphenyl
Concen: 80.823 ng
RT: 13.03 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

Tgt Ion:172 Resp: 9811400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.1 | 28.2 | 42.4 |
| 170 | 23.8 | 18.9 | 28.3 |



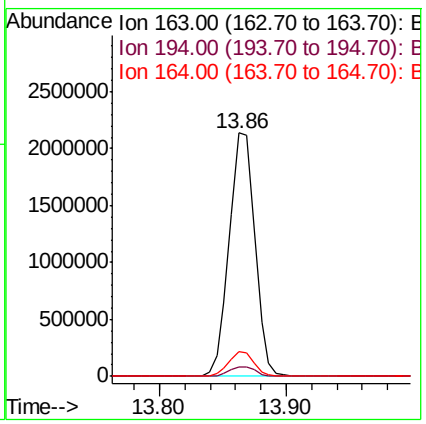


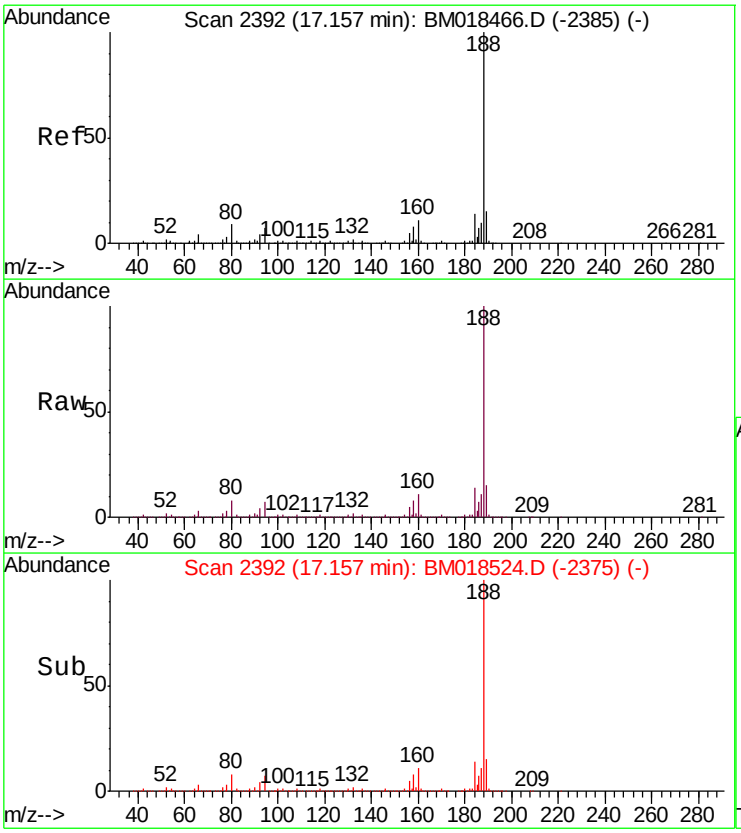

#50
Dimethylphthalate
Concen: 23.007 ng
RT: 13.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

**Instrument :**
BNA_M
**ClientSampleId :**
TP-17-14

Tgt Ion:163 Resp: 2992990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.9 | 3.0 | 4.6 |
| 164 | 10.2 | 7.8 | 11.8 |

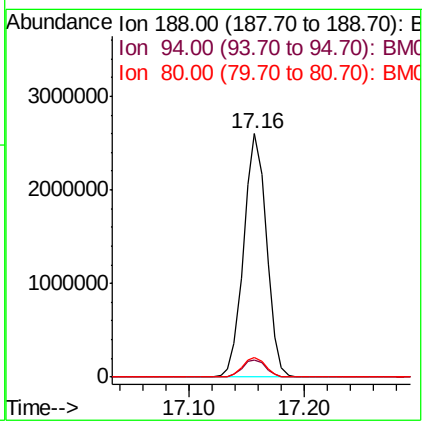


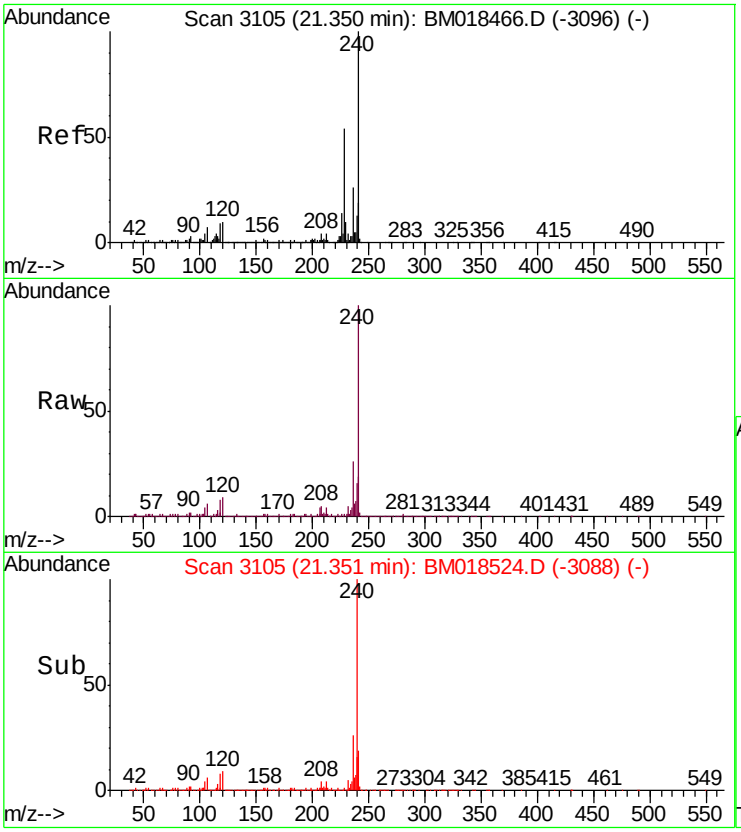




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

Tgt Ion:188 Resp: 3569057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.2 | 7.1 | 10.7 |
| 80 | 8.2 | 7.6 | 11.4 |



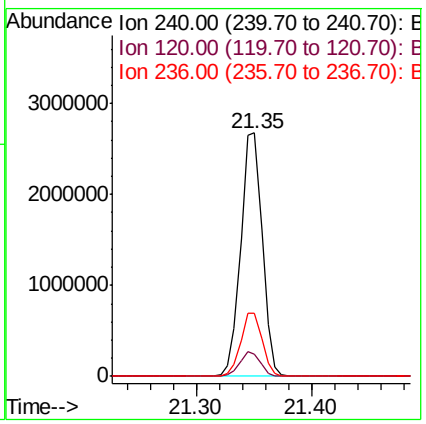


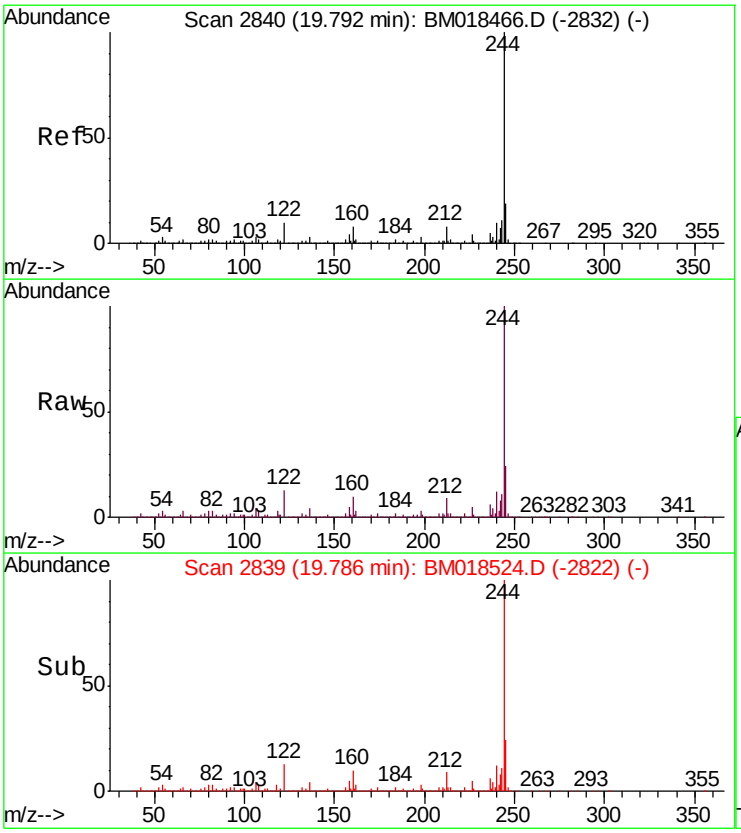

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

**Instrument :**
BNA_M
**ClientSampleId :**
TP-17-14

Tgt Ion:240 Resp: 3472188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.1 | 8.4 | 12.6 |
| 236 | 26.1 | 20.7 | 31.1 |

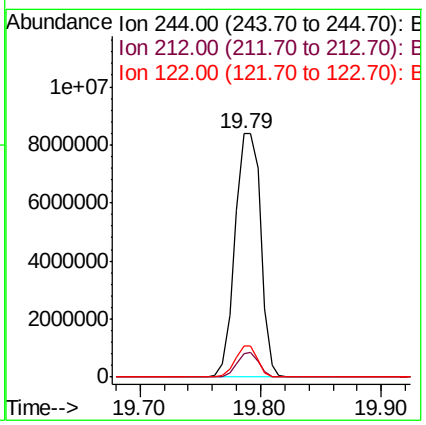


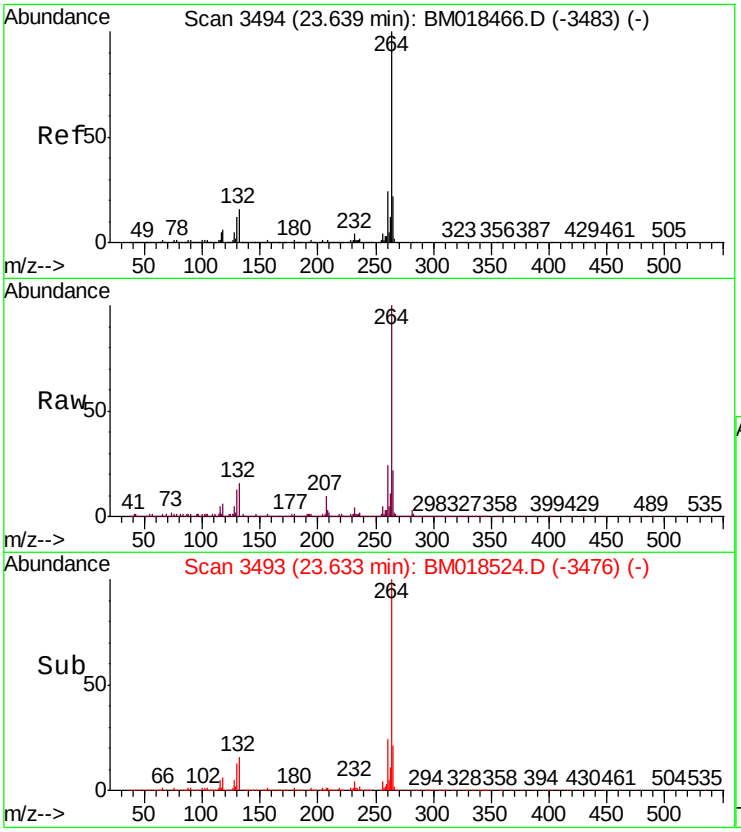




#79
Terphenyl-d14
Concen: 75.588 ng
RT: 19.79 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

Tgt Ion:244 Resp:12450188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.5 | 5.9 | 8.9# |
| 122 | 13.0 | 9.0 | 13.4 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

**Instrument :**
BNA_M
**ClientSampleId :**
TP-17-14

Tgt Ion:264 Resp: 2968763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 18.9 | 28.3 |
| 265 | 21.6 | 16.8 | 25.2 |