Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120618\
Data File : BM017940.D
Acq On : 05 Dec 2018 18:13
Operator : JU/SJ
Sample : J6198-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SA-06-120318

Quant Time: Dec 06 00:18:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.56 | 152 | 148901 | 20.00 | ng | -0.05 |
| 21) Naphthalene-d8 | 10.33 | 136 | 560608 | 20.00 | ng | -0.05 |
| 39) Acenaphthene-d10 | 14.22 | 164 | 297070 | 20.00 | ng | -0.05 |
| 64) Phenanthrene-d10 | 16.97 | 188 | 602719 | 20.00 | ng | -0.04 |
| 76) Chrysene-d12 | 21.19 | 240 | 625612 | 20.00 | ng | -0.03 |
| 87) Perylene-d12 | 23.36 | 264 | 667489 | 20.00 | ng | -0.05 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.20 | 112 | 991851 | 112.42 | ng | -0.04 |
| 7) Phenol-d6 | 6.76 | 99 | 1168233 | 94.80 | ng | -0.05 |
| 23) Nitrobenzene-d5 | 8.72 | 82 | 790398 | 72.79 | ng | -0.05 |
| 42) 2,4,6-Tribromophenol | 15.72 | 330 | 477623 | 111.90 | ng | -0.04 |
| 45) 2-Fluorobiphenyl | 12.83 | 172 | 1663288 | 72.64 | ng | -0.05 |
| 79) Terphenyl-d14 | 19.62 | 244 | 2351394 | 85.18 | ng | -0.04 |

| Target Compounds | Qvalue |
|---|---|

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

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Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SA-06-120318

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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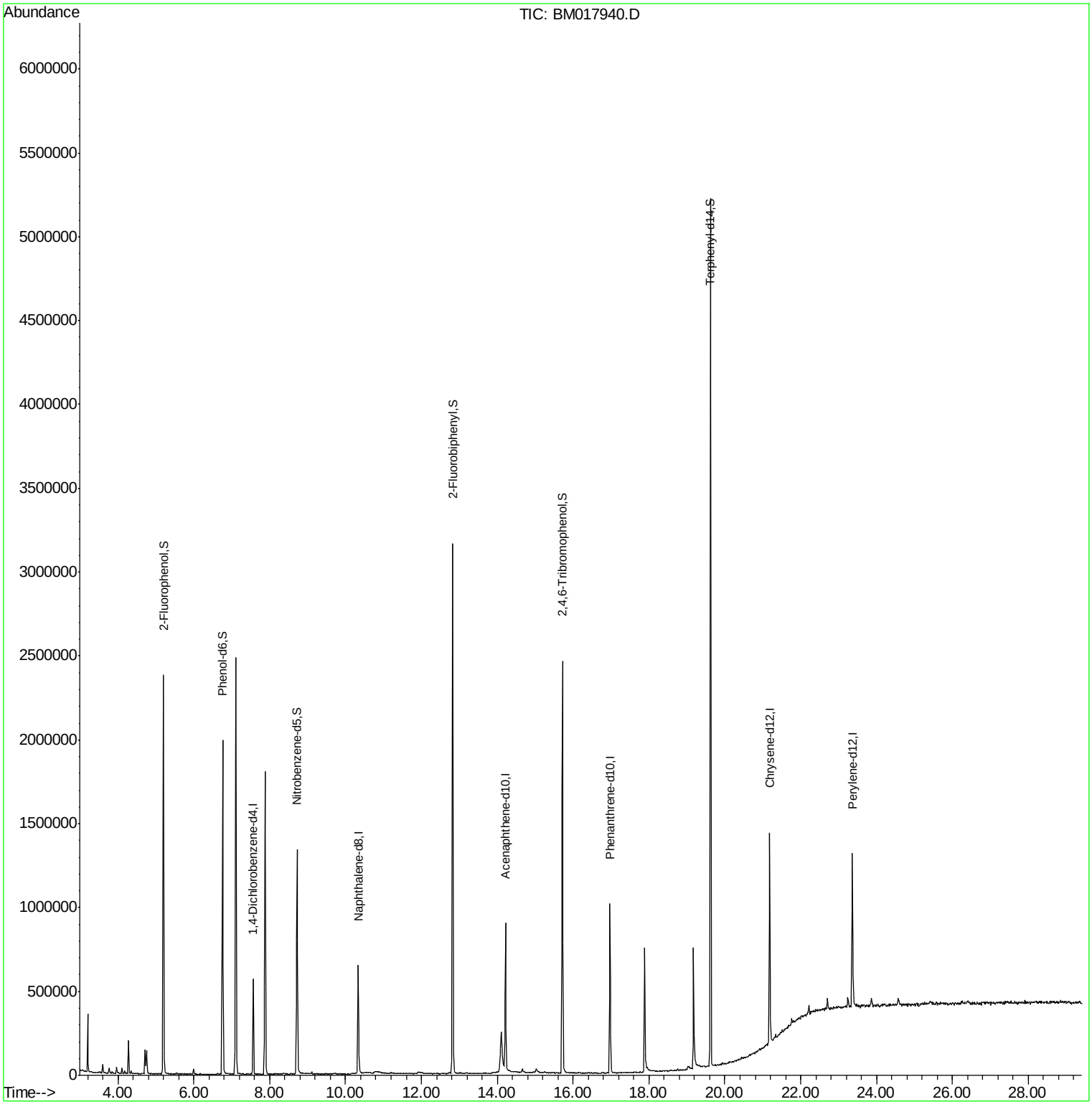
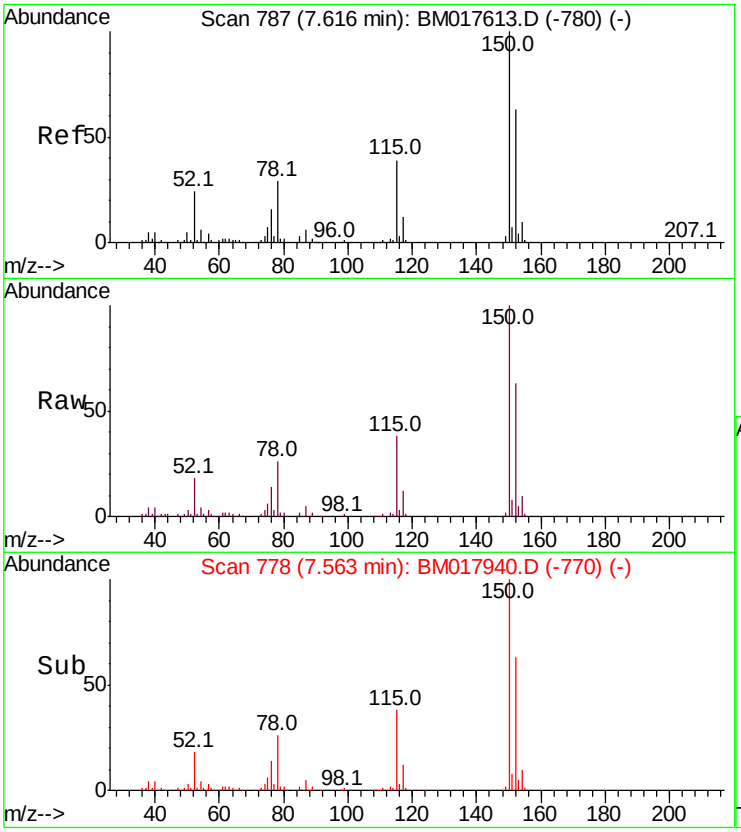
Response via : Initial Calibration



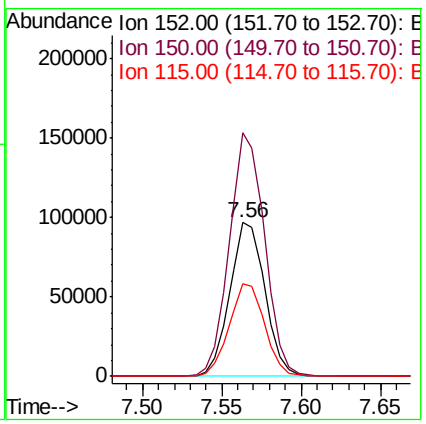


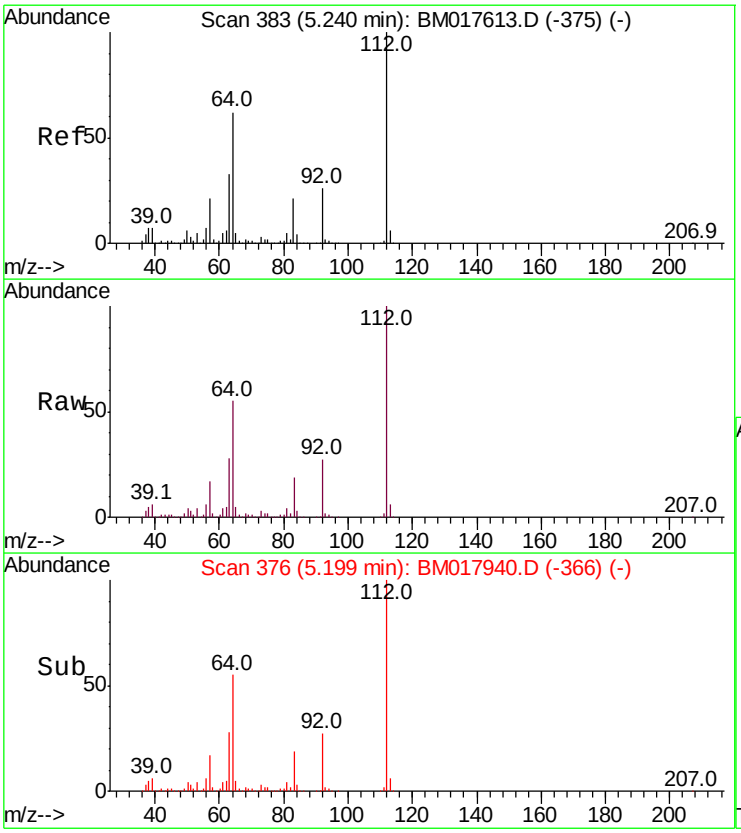

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.05 min
Lab File: BM017940.D
Acq: 05 Dec 2018 18:13

**Instrument :**
BNA_M
**ClientSampleId :**
SA-06-120318

Tgt Ion:152 Resp: 148901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.2 | 126.4 | 189.6 |
| 115 | 60.4 | 49.4 | 74.0 |

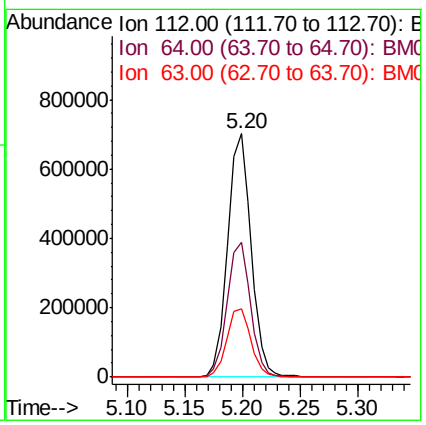


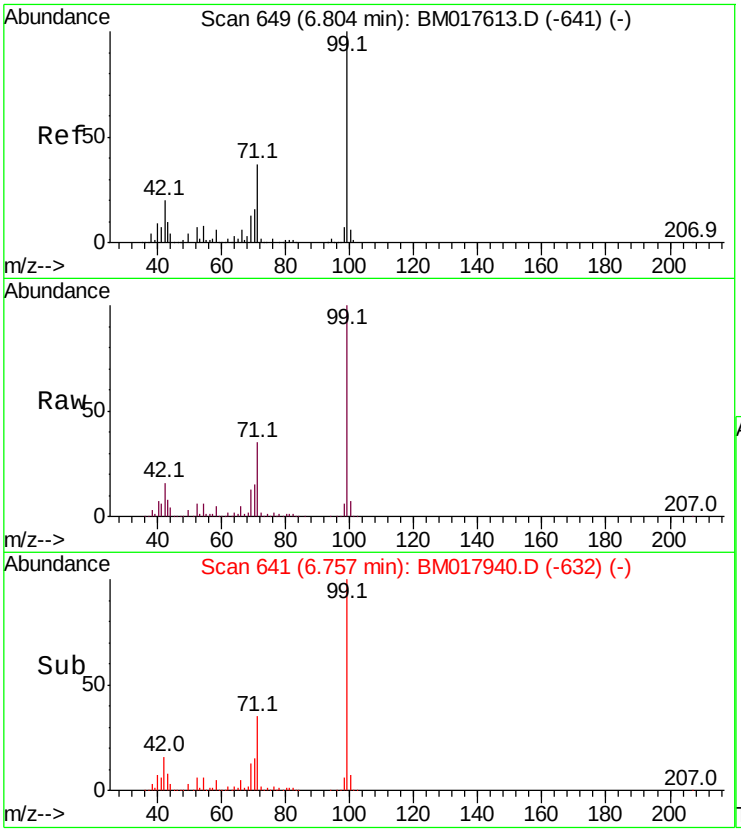




#5
2-Fluorophenol
Concen: 112.417 ng
RT: 5.20 min Scan# 376
Delta R.T. -0.04 min
Lab File: BM017940.D
Acq: 05 Dec 2018 18:13

Tgt Ion:112 Resp: 991851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.2 | 49.3 | 73.9 |
| 63 | 28.0 | 26.2 | 39.4 |



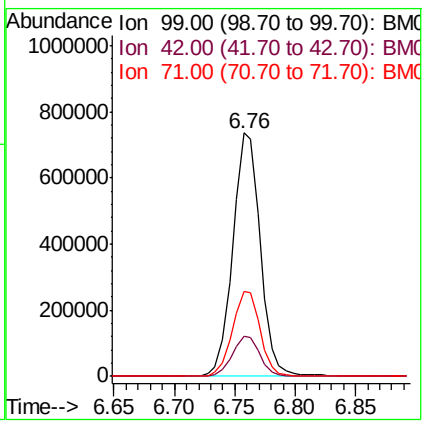


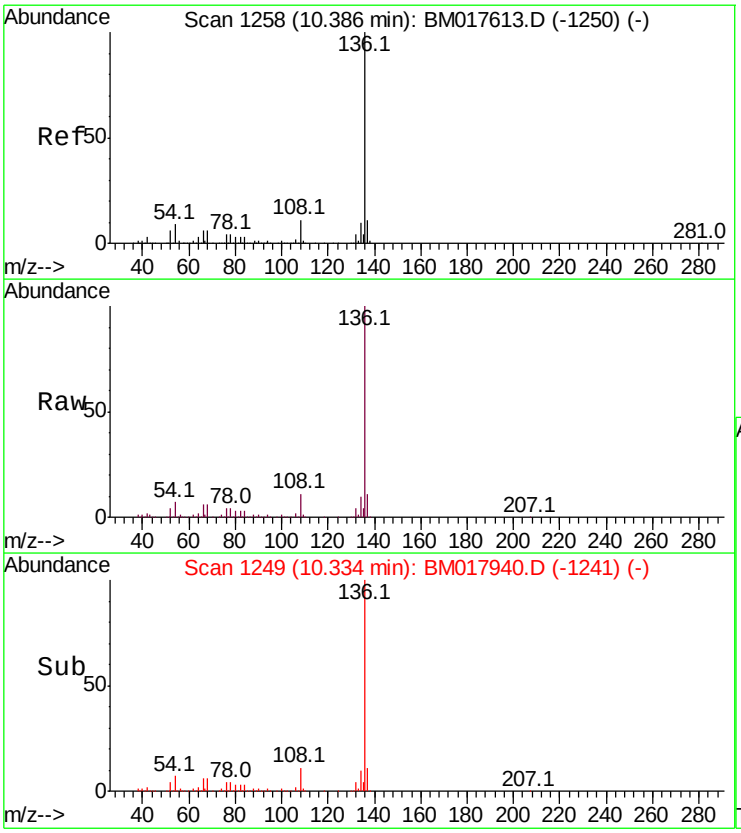

#7
Phenol-d6
Concen: 94.804 ng
RT: 6.76 min Scan# 641
Delta R.T. -0.05 min
Lab File: BM017940.D
Acq: 05 Dec 2018 18:13

**Instrument :**
BNA_M
**ClientSampleId :**
SA-06-120318

Tgt Ion: 99 Resp: 1168233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.3 | 16.3 | 24.5 |
| 71 | 35.0 | 29.8 | 44.8 |

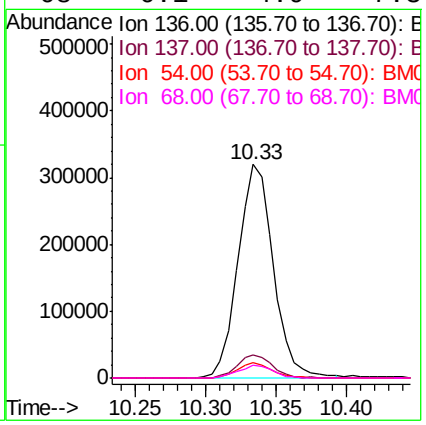


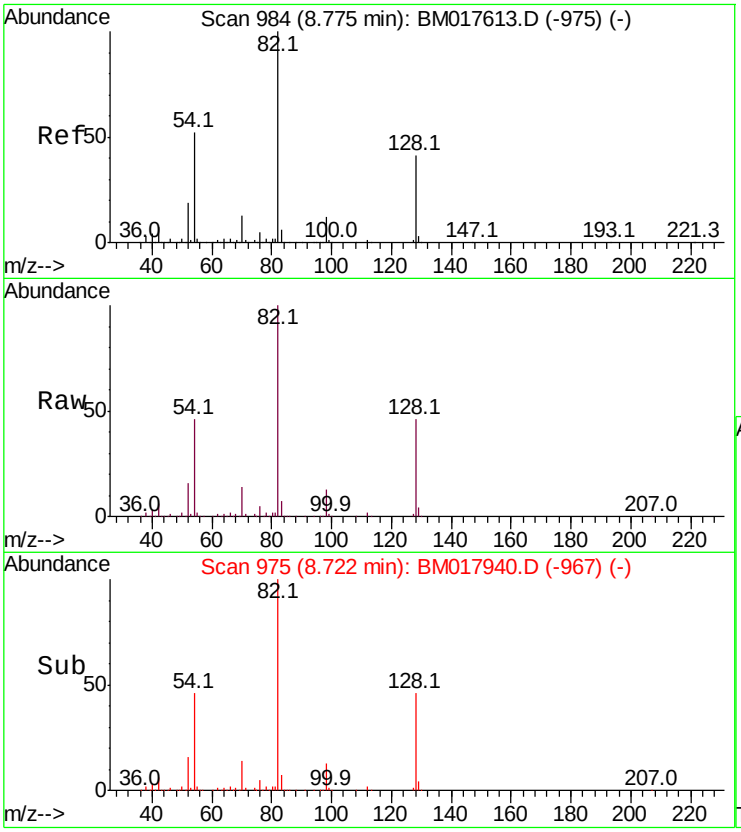




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1249
Delta R.T. -0.05 min
Lab File: BM017940.D
Acq: 05 Dec 2018 18:13

Tgt Ion:136 Resp: 560608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.6 | 12.8 |
| 54 | 7.1 | 7.0 | 10.6 |
| 68 | 6.1 | 4.9 | 7.3 |



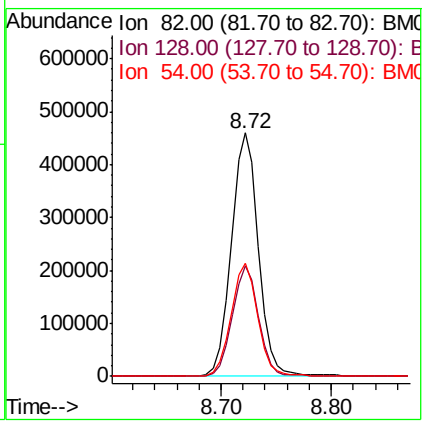


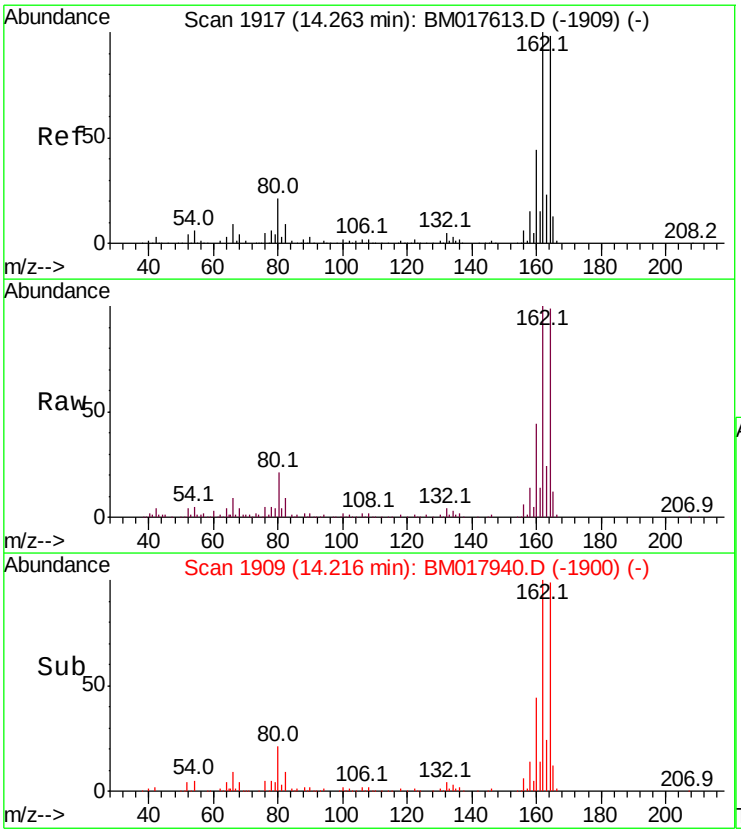

#23
Nitrobenzene-d5
Concen: 72.786 ng
RT: 8.72 min Scan# 975
Delta R.T. -0.05 min
Lab File: BM017940.D
Acq: 05 Dec 2018 18:13

**Instrument :**
BNA_M
**ClientSampleId :**
SA-06-120318

Tgt Ion: 82 Resp: 790398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.6 | 33.0 | 49.4 |
| 54 | 46.4 | 41.4 | 62.2 |

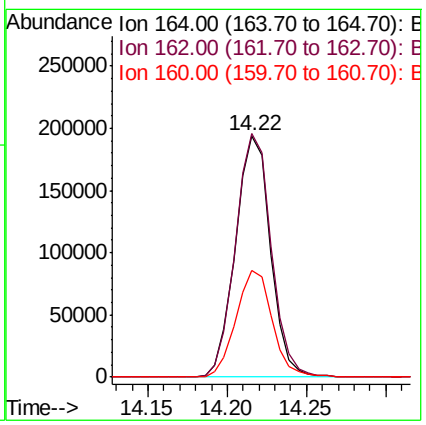


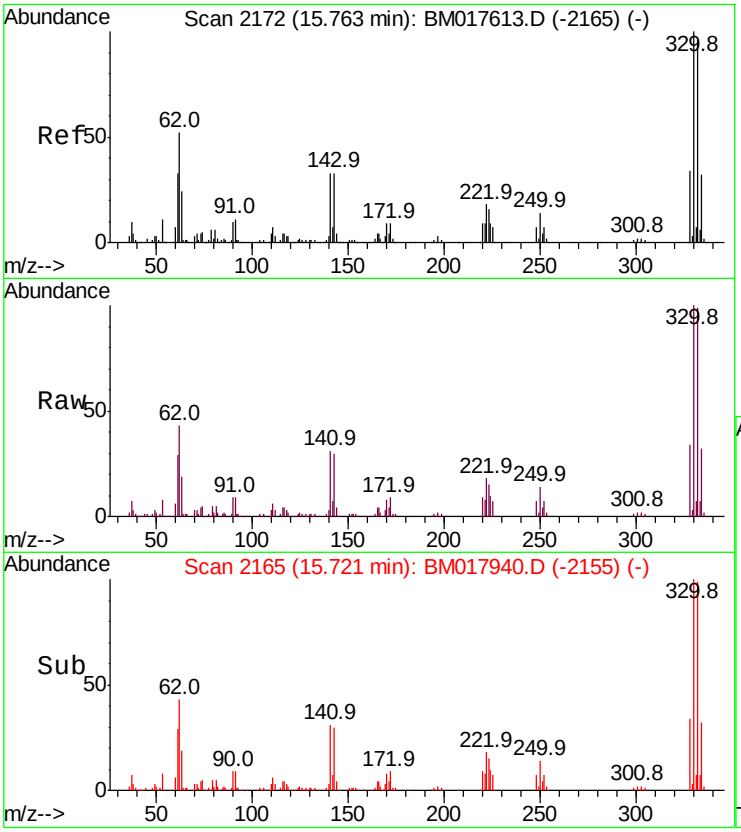




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1909
Delta R.T. -0.05 min
Lab File: BM017940.D
Acq: 05 Dec 2018 18:13

Tgt Ion:164 Resp: 297070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.8 | 81.4 | 122.0 |
| 160 | 44.2 | 35.6 | 53.4 |



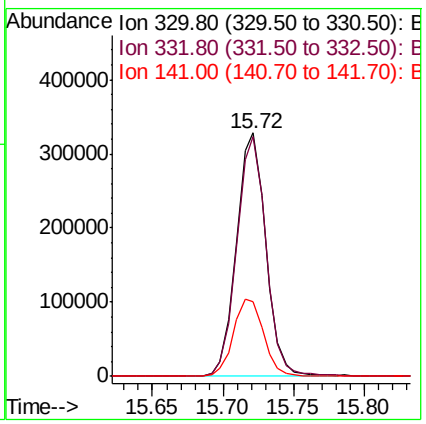


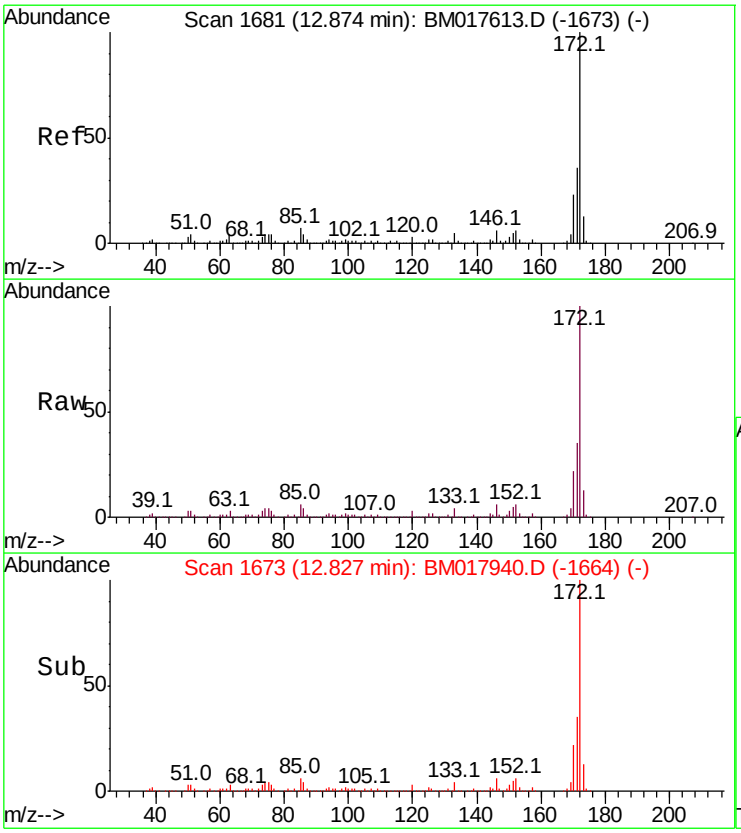

#42
2,4,6-Tribromophenol
Concen: 111.895 ng
RT: 15.72 min Scan# 2165
Delta R.T. -0.04 min
Lab File: BM017940.D
Acq: 05 Dec 2018 18:13

**Instrument :**
BNA_M
**ClientSampleId :**
SA-06-120318

Tgt Ion:330 Resp: 477623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.0 | 77.9 | 116.9 |
| 141 | 32.9 | 27.5 | 41.3 |

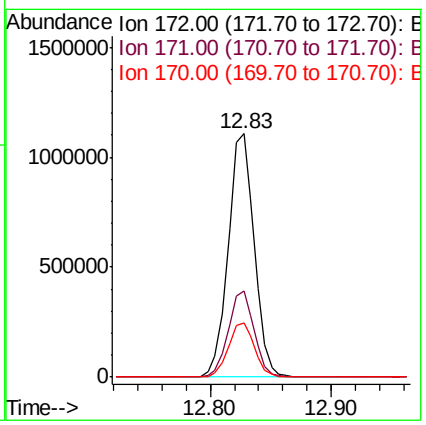


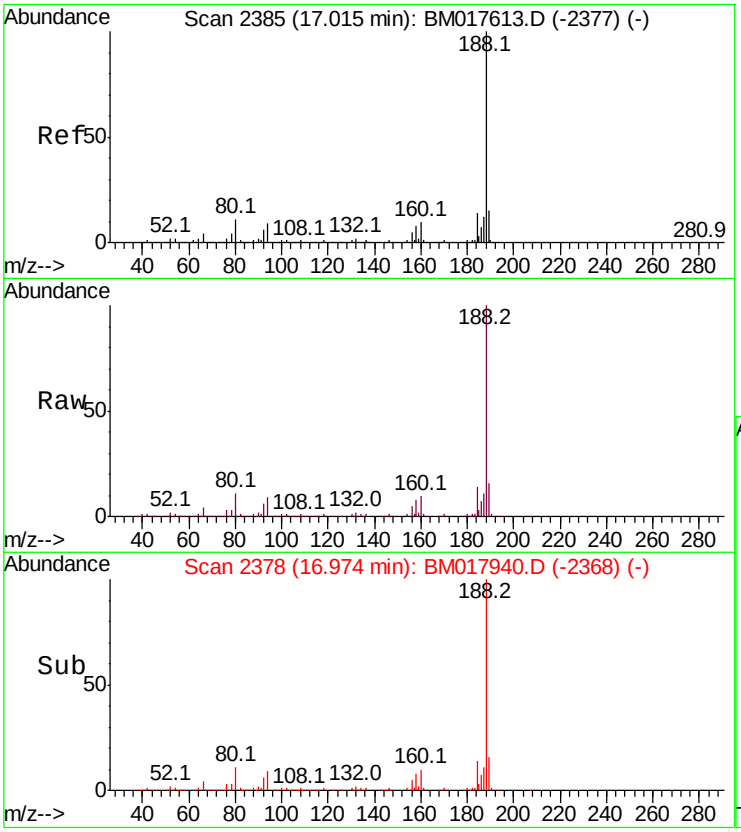




#45
2-Fluorobiphenyl
Concen: 72.637 ng
RT: 12.83 min Scan# 1673
Delta R.T. -0.05 min
Lab File: BM017940.D
Acq: 05 Dec 2018 18:13

Tgt Ion:172 Resp: 1663288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.5 | 28.7 | 43.1 |
| 170 | 22.1 | 18.3 | 27.5 |



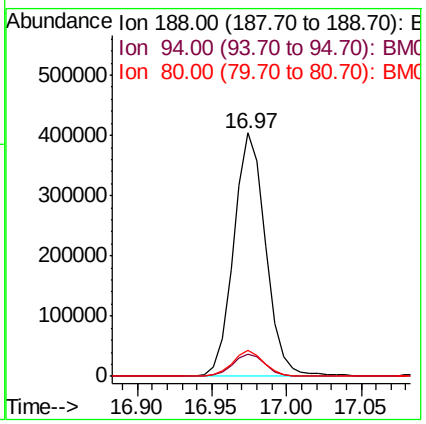


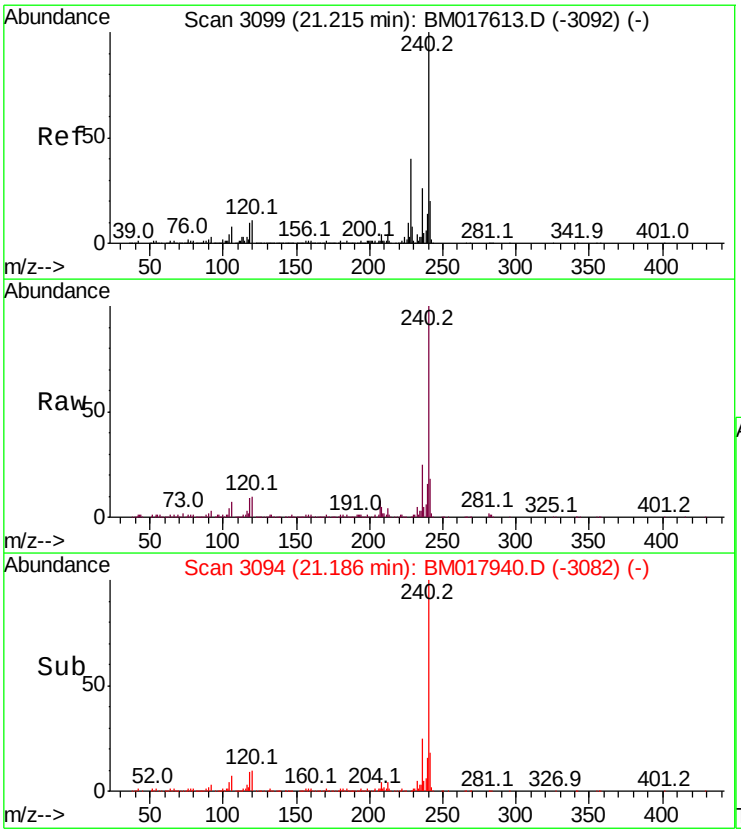

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2378
Delta R.T. -0.04 min
Lab File: BM017940.D
Acq: 05 Dec 2018 18:13

**Instrument :**
BNA_M
**ClientSampleId :**
SA-06-120318

Tgt Ion:188 Resp: 602719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.3 | 7.5 | 11.3 |
| 80 | 10.6 | 8.6 | 13.0 |

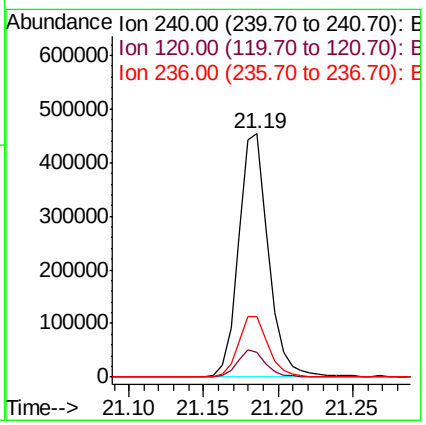


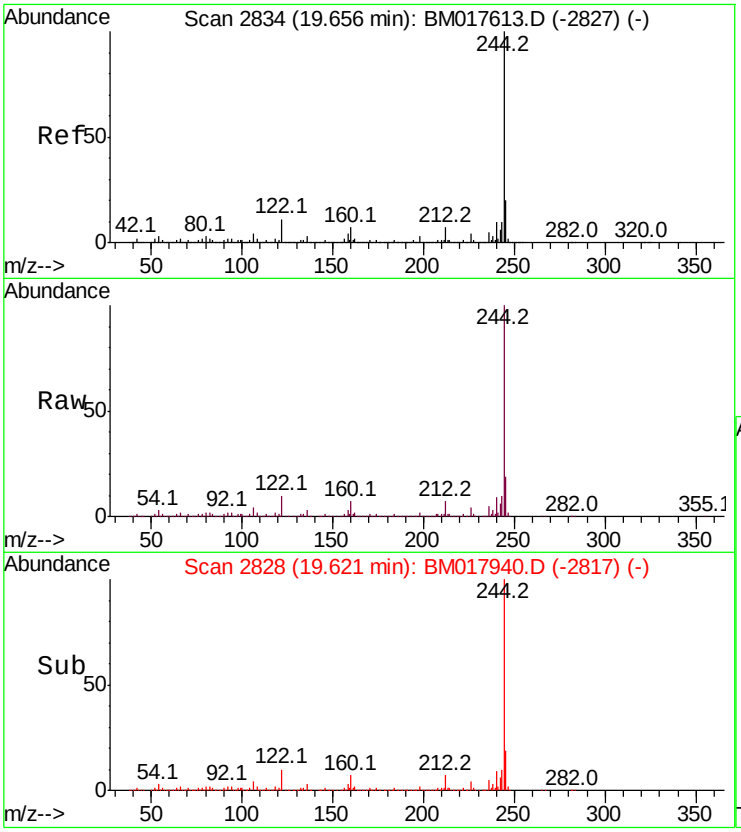




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3094
Delta R.T. -0.03 min
Lab File: BM017940.D
Acq: 05 Dec 2018 18:13

Tgt Ion:240 Resp: 625612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.9 | 8.5 | 12.7 |
| 236 | 24.9 | 20.4 | 30.6 |



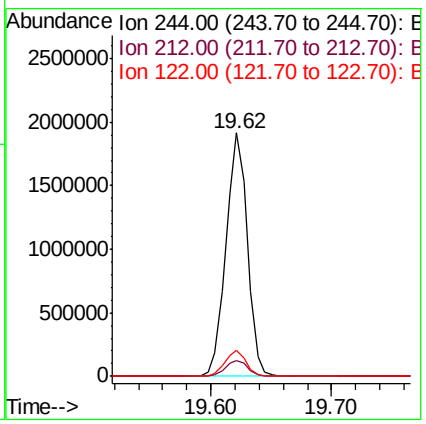


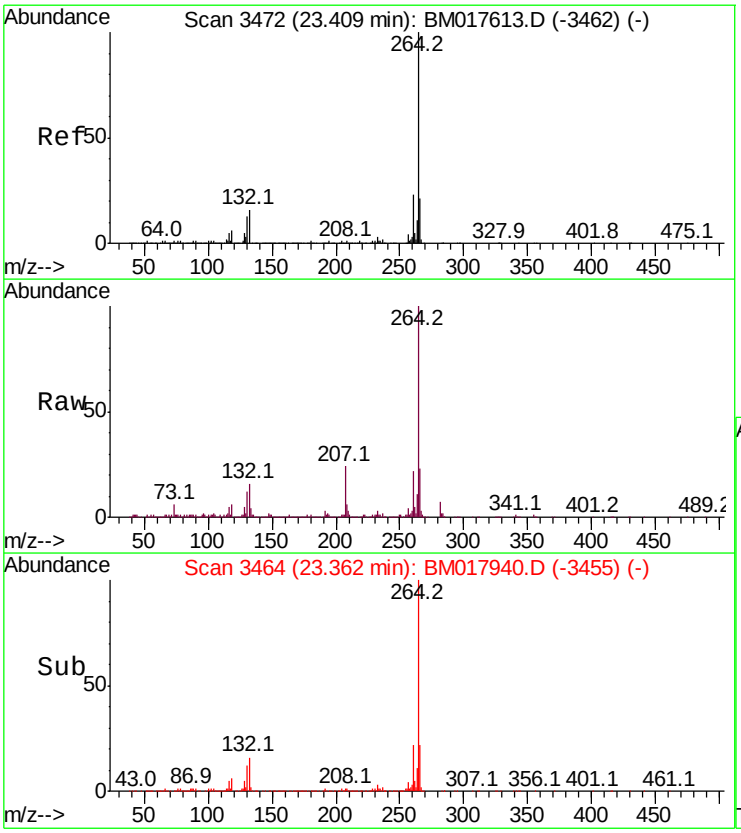

#79
Terphenyl-d14
Concen: 85.185 ng
RT: 19.62 min Scan# 2828
Delta R.T. -0.04 min
Lab File: BM017940.D
Acq: 05 Dec 2018 18:13

**Instrument :**
BNA_M
**ClientSampleId :**
SA-06-120318

Tgt Ion:244 Resp: 2351394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.7 | 5.8 | 8.6 |
| 122 | 10.5 | 9.0 | 13.6 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.36 min Scan# 3464
Delta R.T. -0.05 min
Lab File: BM017940.D
Acq: 05 Dec 2018 18:13

Tgt Ion:264 Resp: 667489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.5 | 18.2 | 27.2 |
| 265 | 22.7 | 17.5 | 26.3 |