Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051419\
Data File : BM020343.D
Acq On : 14 May 2019 21:33
Operator : JU/SJ
Sample : K2841-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
051019-LIFT-F-D-M

Quant Time: May 15 03:51:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.76 | 152 | 57672 | 20.00 | ng | -0.04 |
| 21) Naphthalene-d8 | 10.55 | 136 | 187312 | 20.00 | ng | -0.04 |
| 39) Acenaphthene-d10 | 14.40 | 164 | 116798 | 20.00 | ng | -0.03 |
| 64) Phenanthrene-d10 | 17.16 | 188 | 278528 | 20.00 | ng | -0.02 |
| 76) Chrysene-d12 | 21.34 | 240 | 318433 | 20.00 | ng | -0.02 |
| 87) Perylene-d12 | 23.63 | 264 | 368930 | 20.00 | ng | -0.03 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.34 | 112 | 114480 | 32.45 | ng | -0.03 |
| 7) Phenol-d6 | 6.93 | 99 | 75645 | 15.69 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 8.93 | 82 | 418826 | 88.28 | ng | -0.03 |
| 42) 2,4,6-Tribromophenol | 15.90 | 330 | 156529 | 86.34 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 13.02 | 172 | 830197 | 87.45 | ng | -0.04 |
| 79) Terphenyl-d14 | 19.78 | 244 | 1455808 | 79.74 | ng | -0.03 |

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

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

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Acq On : 14 May 2019 21:33
Operator : JU/SJ
Sample : K2841-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
051019-LIFT-F-D-M

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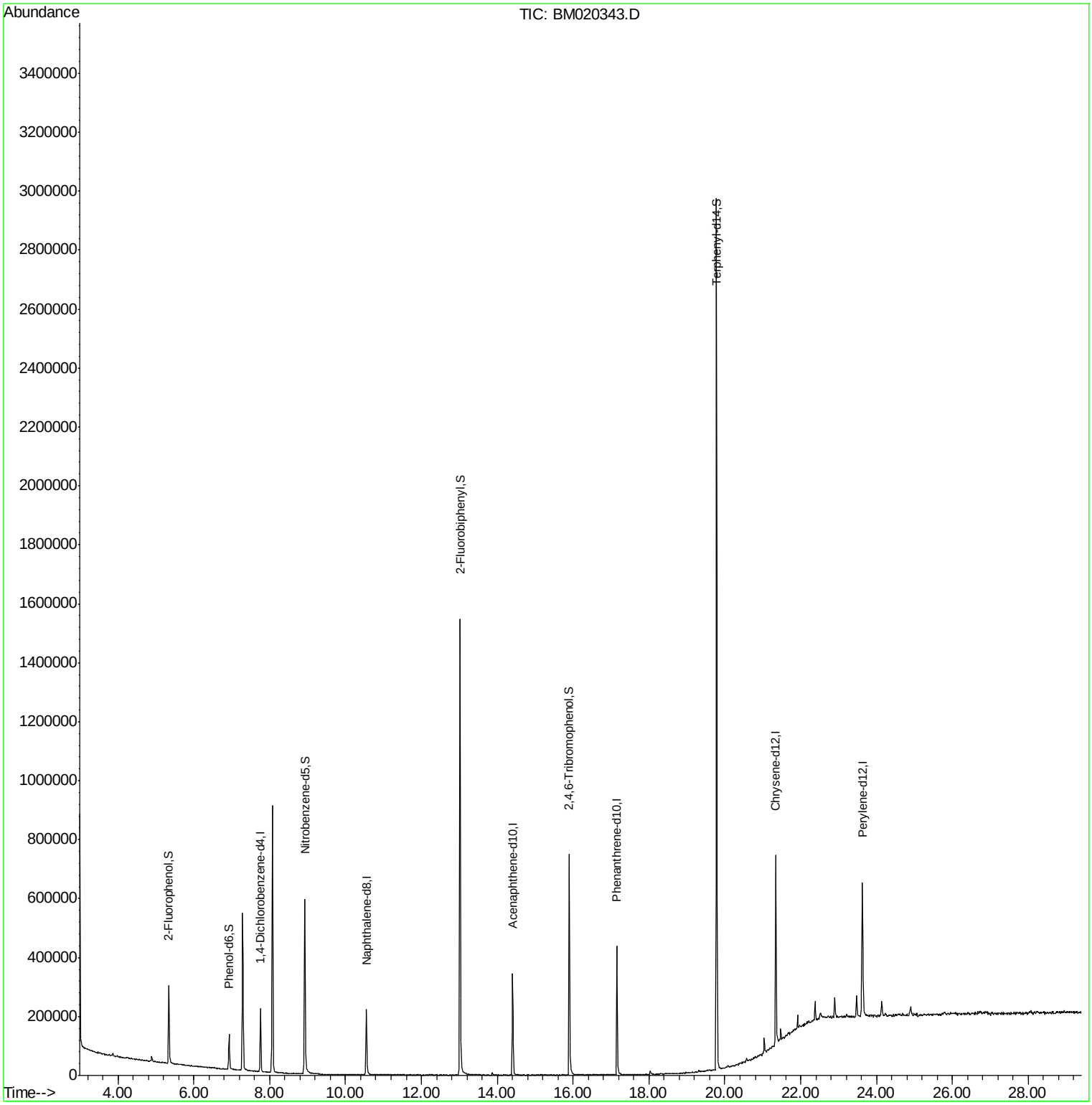
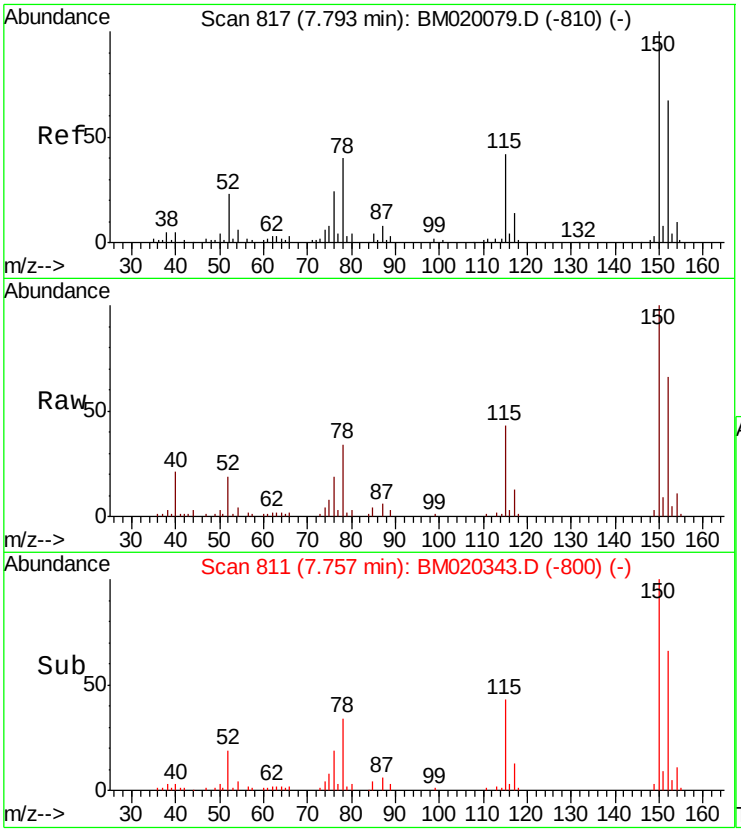


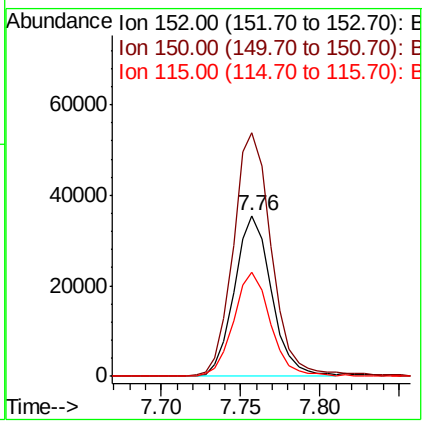


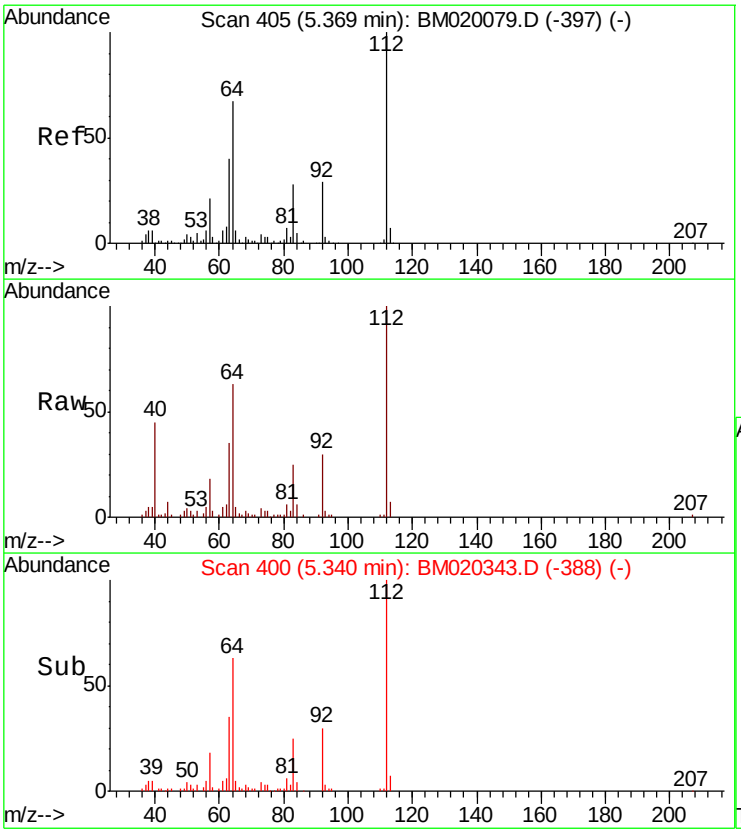

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 811
Delta R.T. -0.04 min
Lab File: BM020343.D
Acq: 14 May 2019 21:33

**Instrument :**
BNA_M
**ClientSampleId :**
051019-LIFT-F-D-M

Tgt Ion:152 Resp: 57672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.4 | 119.8 | 179.8 |
| 115 | 64.5 | 50.8 | 76.2 |

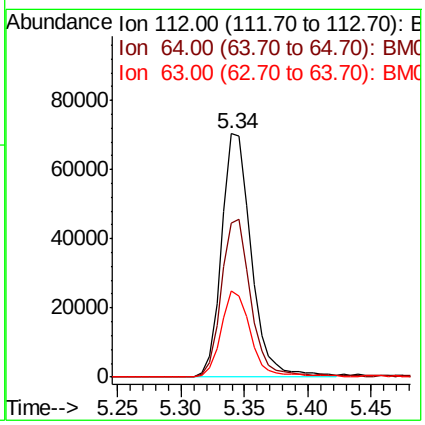


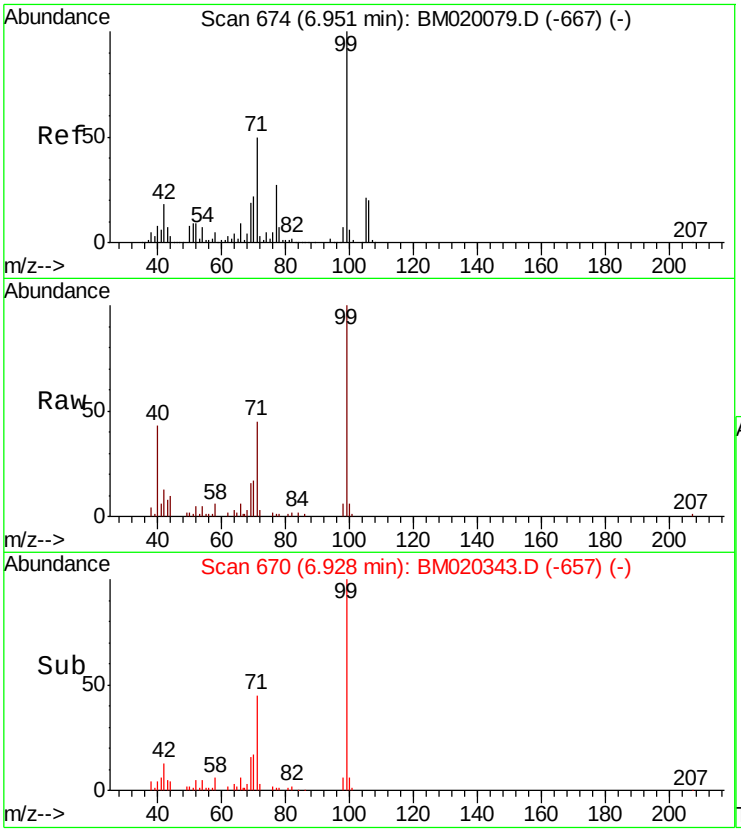




#5
2-Fluorophenol
Concen: 32.447 ng
RT: 5.34 min Scan# 400
Delta R.T. -0.03 min
Lab File: BM020343.D
Acq: 14 May 2019 21:33

Tgt Ion:112 Resp: 114480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 63.0 | 53.8 | 80.6 |
| 63 | 35.3 | 32.3 | 48.5 |



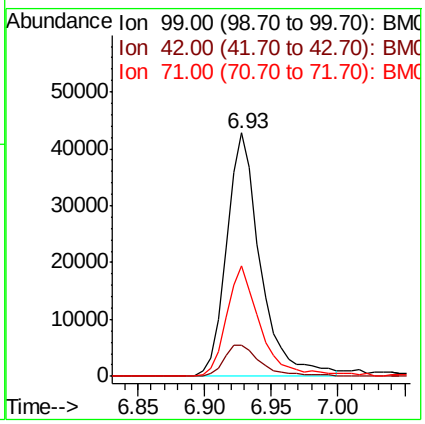


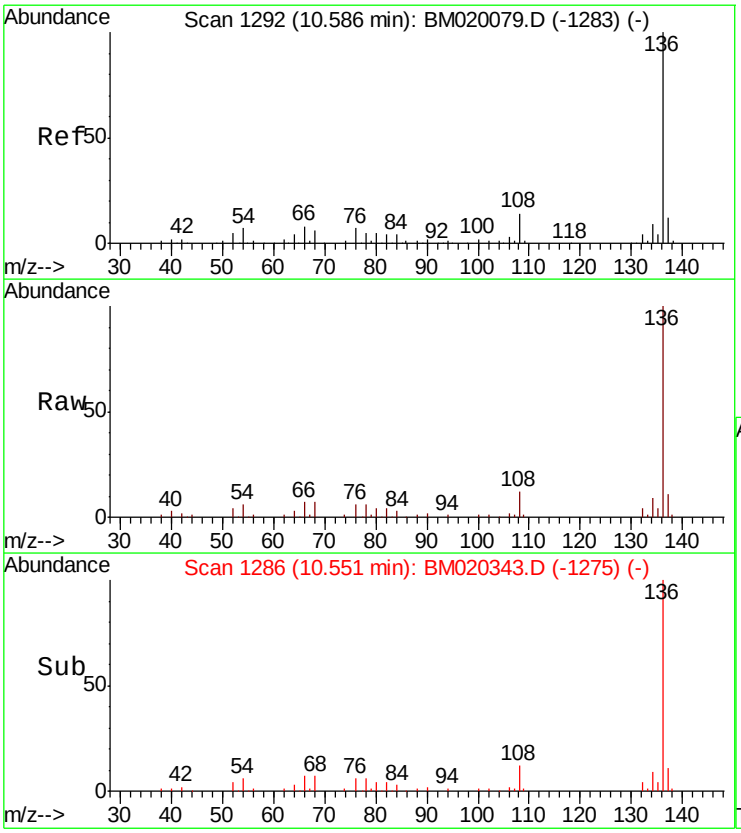

#7
Phenol-d6
Concen: 15.694 ng
RT: 6.93 min Scan# 670
Delta R.T. -0.02 min
Lab File: BM020343.D
Acq: 14 May 2019 21:33

**Instrument :**
BNA_M
**ClientSampleId :**
051019-LIFT-F-D-M

Tgt Ion: 99 Resp: 75645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 12.8 | 14.2 | 21.2# |
| 71 | 45.1 | 40.3 | 60.5 |

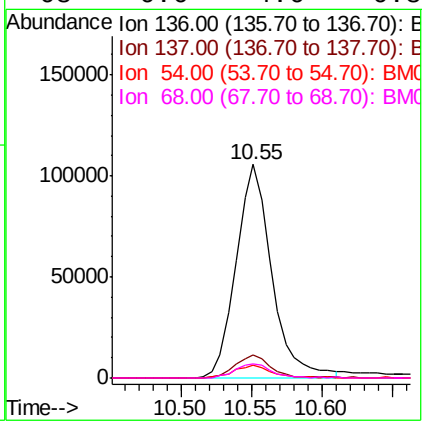


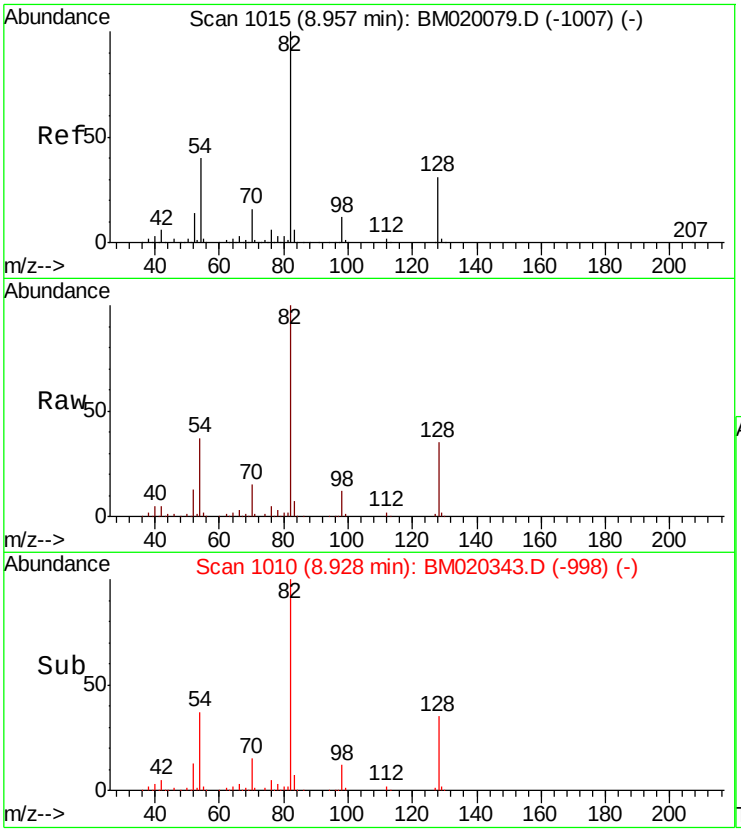




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1286
Delta R.T. -0.04 min
Lab File: BM020343.D
Acq: 14 May 2019 21:33

Tgt Ion:136 Resp: 187312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 9.6 | 14.4 |
| 54 | 6.2 | 5.5 | 8.3 |
| 68 | 6.6 | 4.6 | 6.8 |



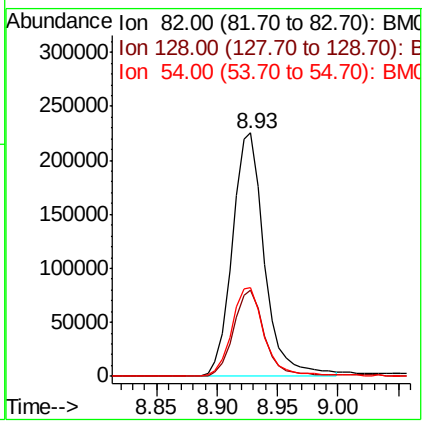


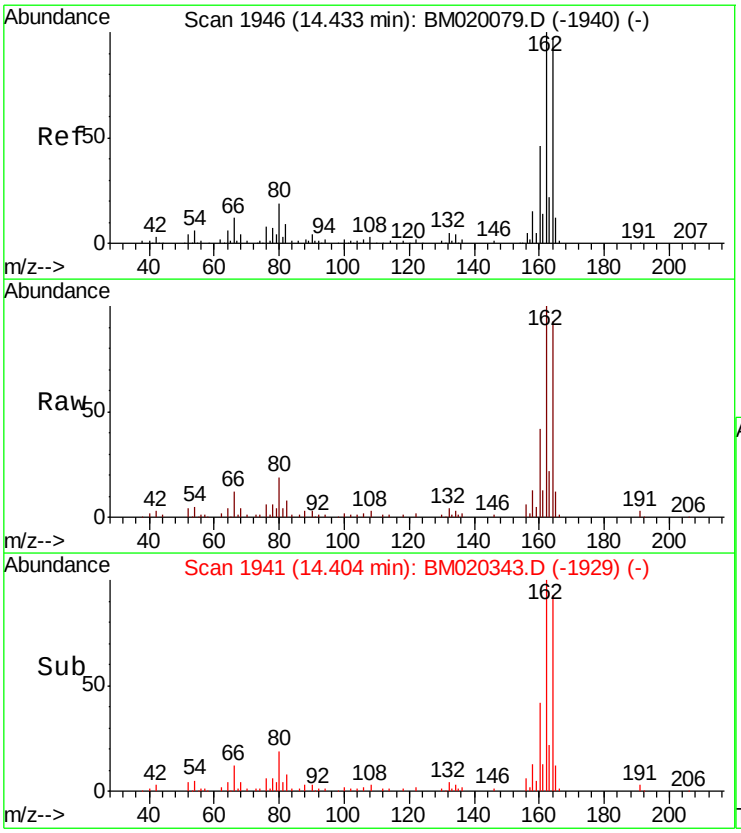

#23
Nitrobenzene-d5
Concen: 88.277 ng
RT: 8.93 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BM020343.D
Acq: 14 May 2019 21:33

**Instrument :**
BNA_M
**ClientSampleId :**
051019-LIFT-F-D-M

Tgt Ion: 82 Resp: 418826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 35.3 | 25.2 | 37.8 |
| 54 | 36.6 | 31.9 | 47.9 |

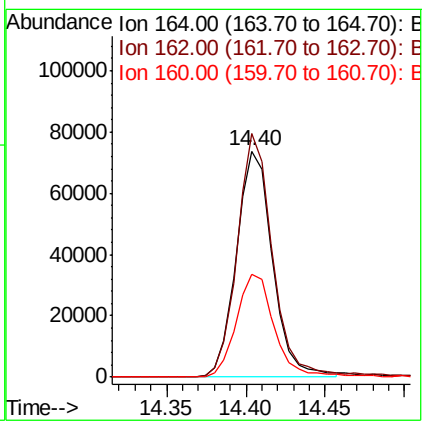


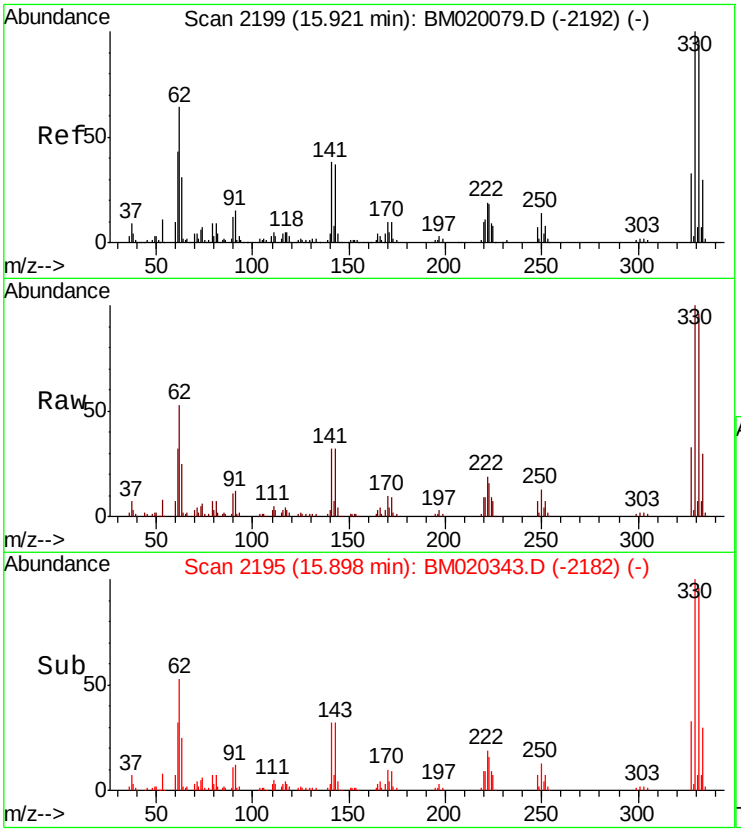




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1941
Delta R.T. -0.03 min
Lab File: BM020343.D
Acq: 14 May 2019 21:33

Tgt Ion:164 Resp: 116798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 107.7 | 82.2 | 123.2 |
| 160 | 45.7 | 37.6 | 56.4 |



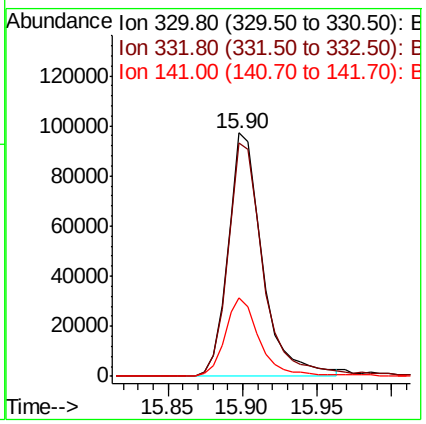


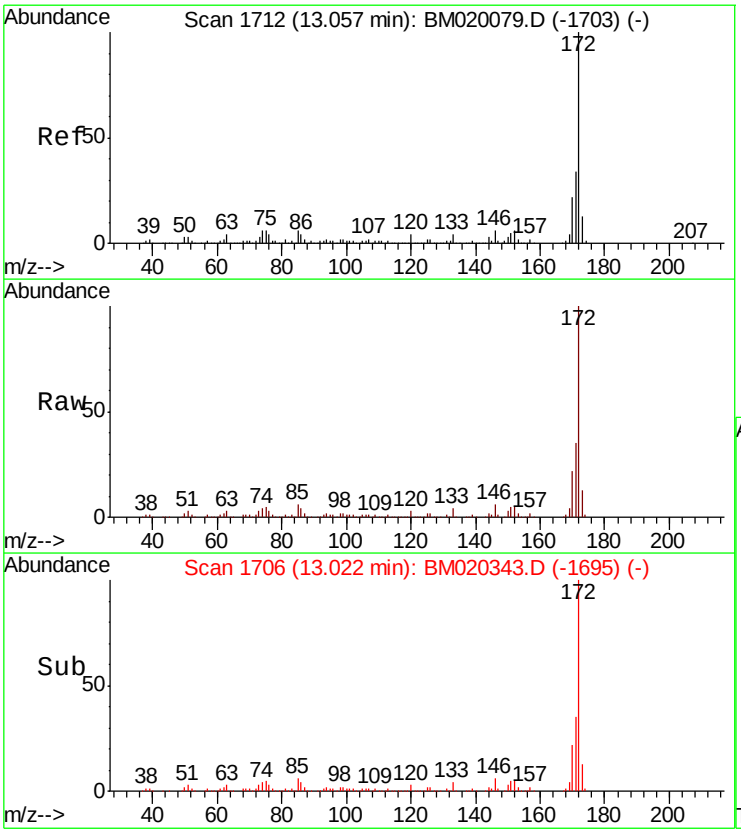

#42
2,4,6-Tribromophenol
Concen: 86.341 ng
RT: 15.90 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BM020343.D
Acq: 14 May 2019 21:33

**Instrument :**
BNA_M
**ClientSampleId :**
051019-LIFT-F-D-M

Tgt Ion:330 Resp: 156529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.1 | 76.8 | 115.2 |
| 141 | 32.0 | 29.2 | 43.8 |

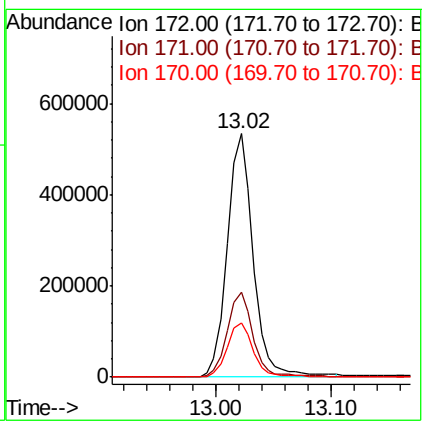


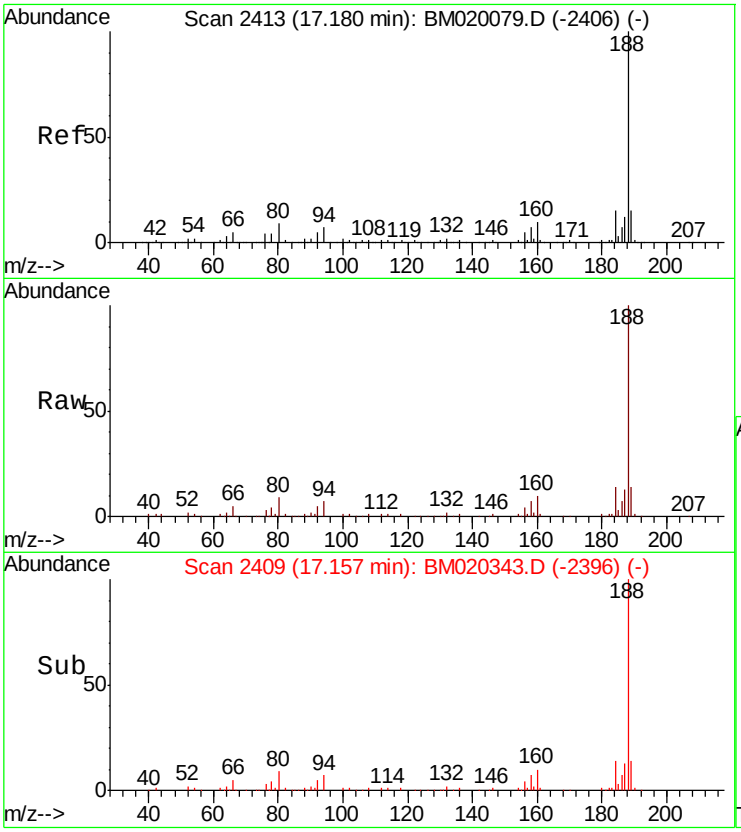




#45
2-Fluorobiphenyl
Concen: 87.454 ng
RT: 13.02 min Scan# 1706
Delta R.T. -0.04 min
Lab File: BM020343.D
Acq: 14 May 2019 21:33

Tgt Ion:172 Resp: 830197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.7 | 27.3 | 40.9 |
| 170 | 22.5 | 17.9 | 26.9 |



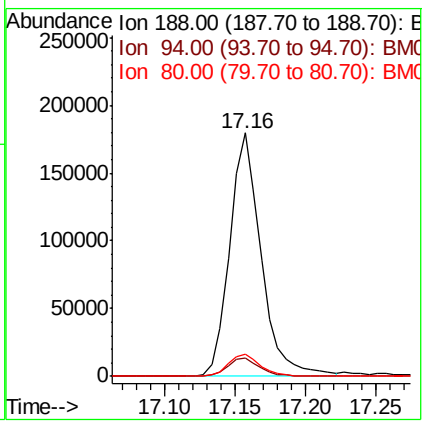


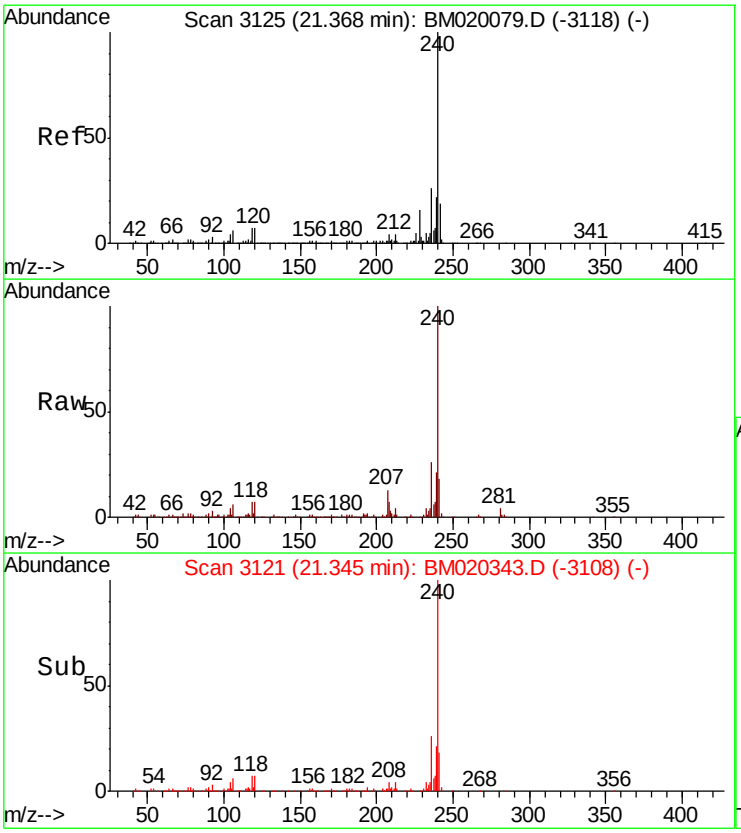

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BM020343.D
Acq: 14 May 2019 21:33

**Instrument :**
BNA_M
**ClientSampleId :**
051019-LIFT-F-D-M

Tgt Ion:188 Resp: 278528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.3 | 5.8 | 8.6 |
| 80 | 9.1 | 7.4 | 11.2 |

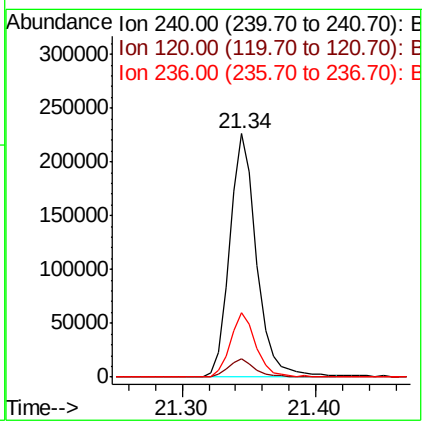


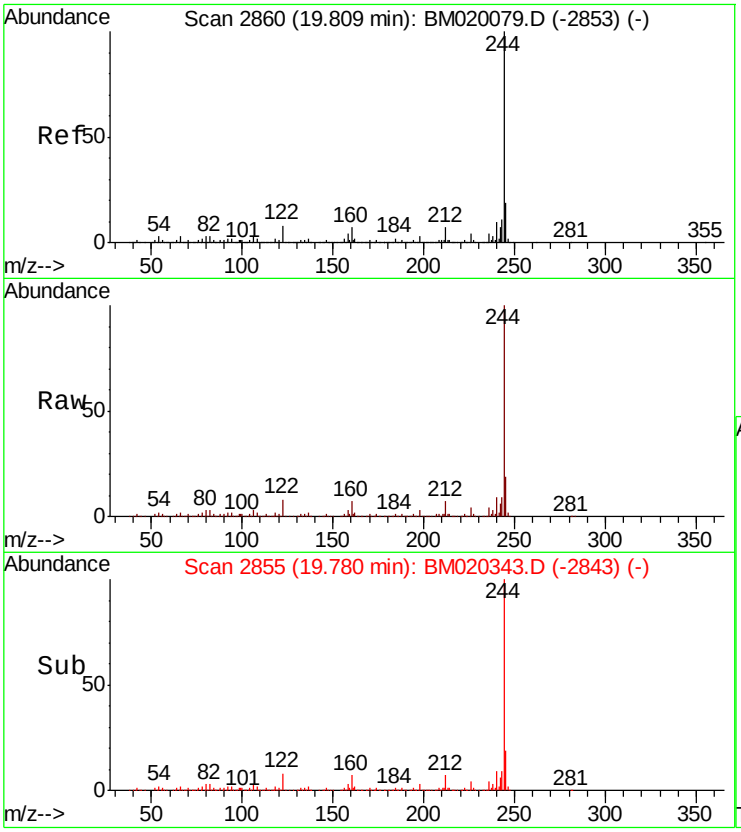




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BM020343.D
Acq: 14 May 2019 21:33

Tgt Ion:240 Resp: 318433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.4 | 5.6 | 8.4 |
| 236 | 26.2 | 20.9 | 31.3 |



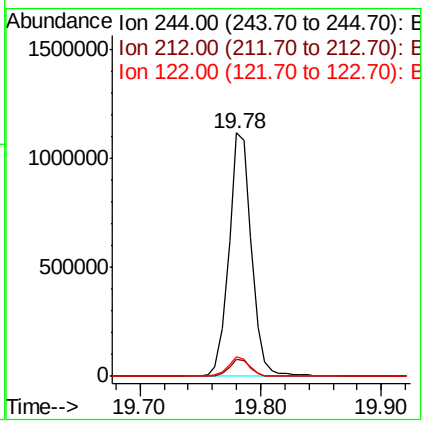


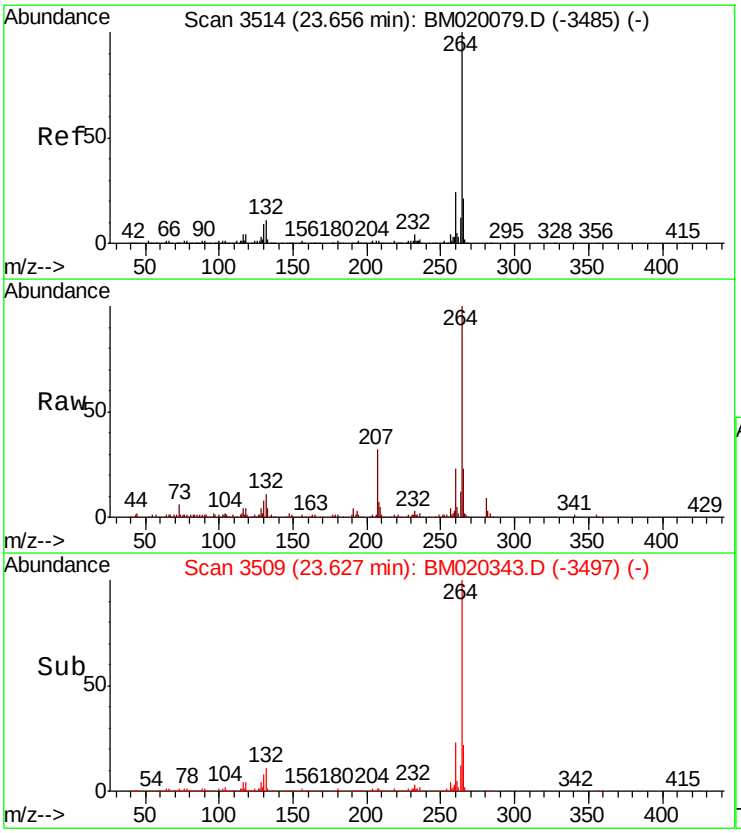

#79
Terphenyl-d14
Concen: 79.742 ng
RT: 19.78 min Scan# 2855
Delta R.T. -0.03 min
Lab File: BM020343.D
Acq: 14 May 2019 21:33

**Instrument :**
BNA_M
**ClientSampleId :**
051019-LIFT-F-D-M

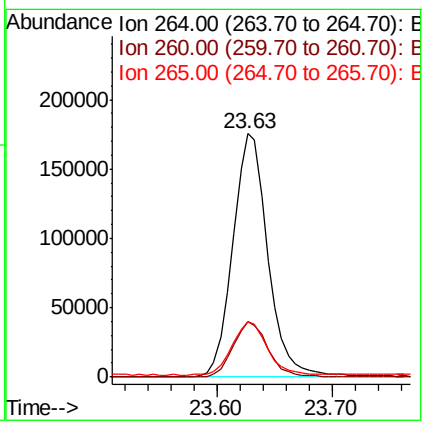
Tgt Ion:244 Resp: 1455808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.9 | 5.7 | 8.5 |
| 122 | 8.3 | 6.2 | 9.2 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3509
Delta R.T. -0.03 min
Lab File: BM020343.D
Acq: 14 May 2019 21:33

Tgt Ion:264 Resp: 368930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.8 | 19.2 | 28.8 |
| 265 | 22.5 | 16.9 | 25.3 |