Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
Data File : BM022458.D
Acq On : 31 Aug 2019 01:37
Operator : HP/JU
Sample : K4567-21RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Aug 31 05:33:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 16:51:32 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.52 | 152 | 17716 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.29 | 136 | 64216 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.18 | 164 | 41230 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.95 | 188 | 95287 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.17 | 240 | 145701 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 23.36 | 264 | 183604 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.15 | 112 | 4862 | 4.82 | ng | 0.00 |
| 7) Phenol-d6 | 6.74 | 99 | 3838 | 2.84 | ng | 0.02 |
| 23) Nitrobenzene-d5 | 8.70 | 82 | 34712 | 23.68 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.71 | 330 | 4974 | 5.90 | ng | 0.01 |
| 45) 2-Fluorobiphenyl | 12.79 | 172 | 70855 | 19.47 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.60 | 244 | 164627 | 14.91 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 50) Dimethylphthalate | 13.67 | 163 | 17485 | 4.876 | ng | # 98 |
| 75) Fluoranthene | 19.03 | 202 | 17408 | 2.353 | ng | 99 |

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
Data File : BM022458.D
Acq On : 31 Aug 2019 01:37
Operator : HP/JU
Sample : K4567-21RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Aug 31 05:33:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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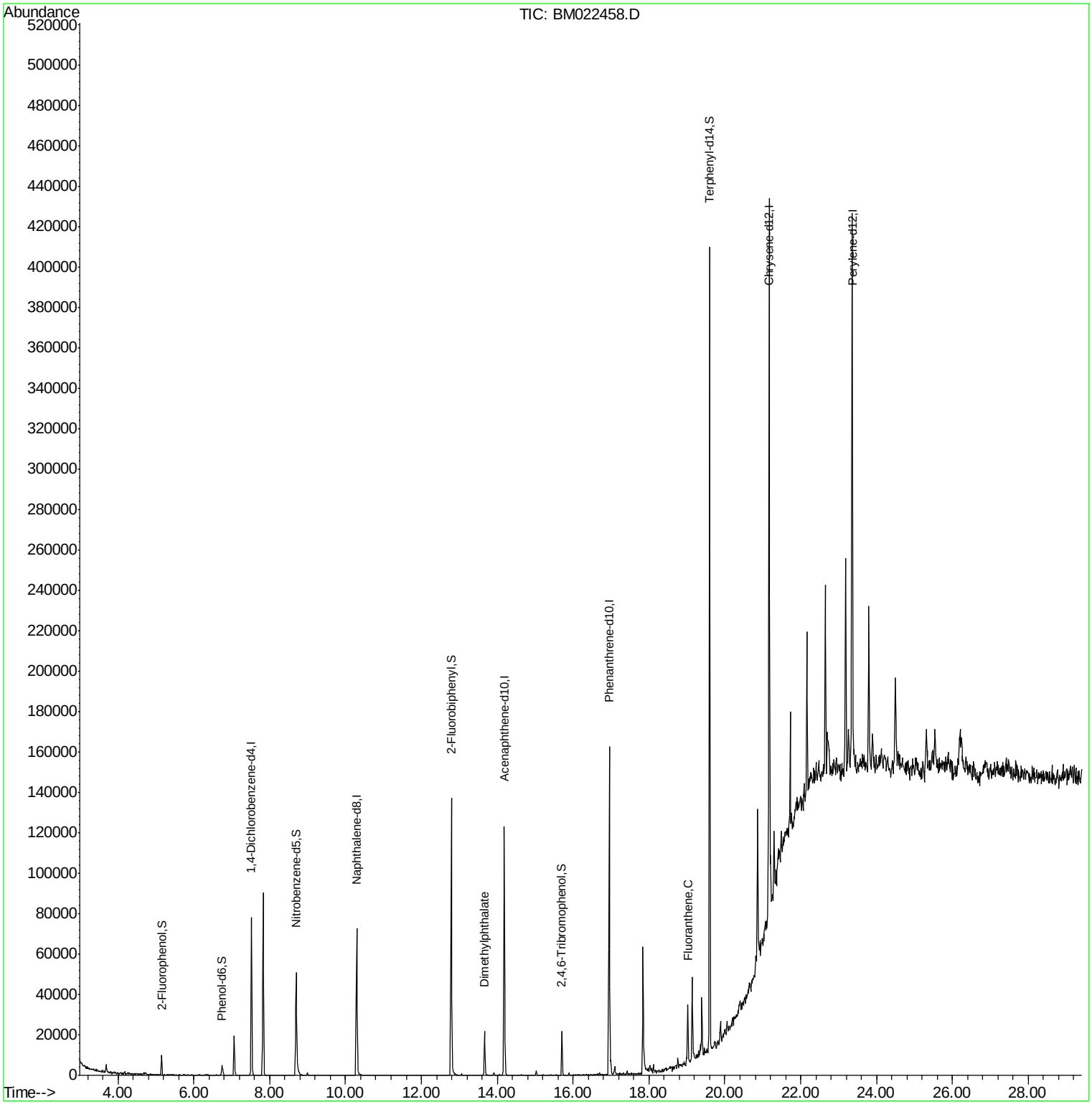
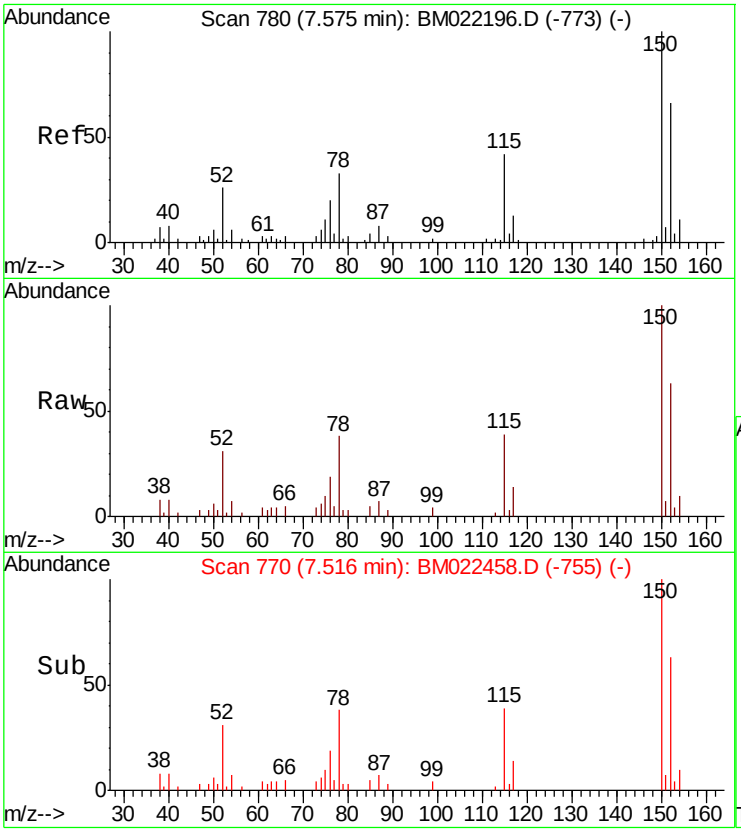
Response via : Initial Calibration



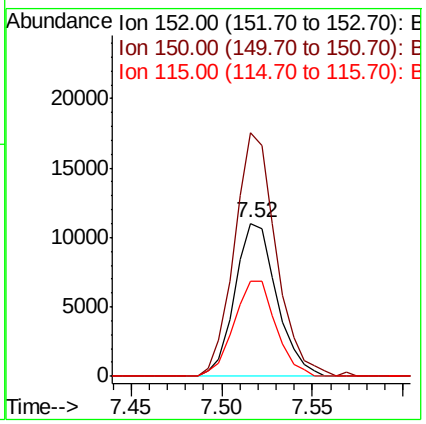


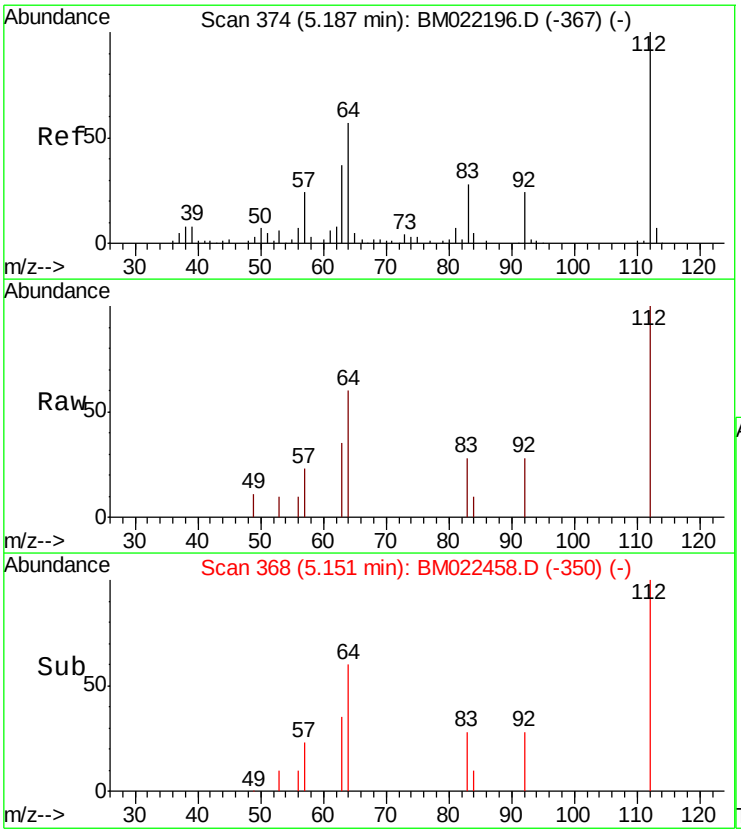

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM022458.D
Acq: 31 Aug 2019 01:37

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

Tgt Ion:152 Resp: 17716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.2 | 125.4 | 188.0 |
| 115 | 62.5 | 50.3 | 75.5 |

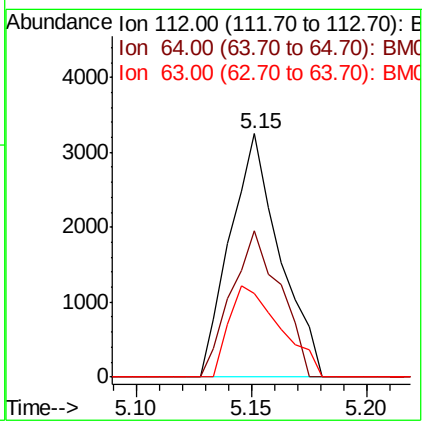


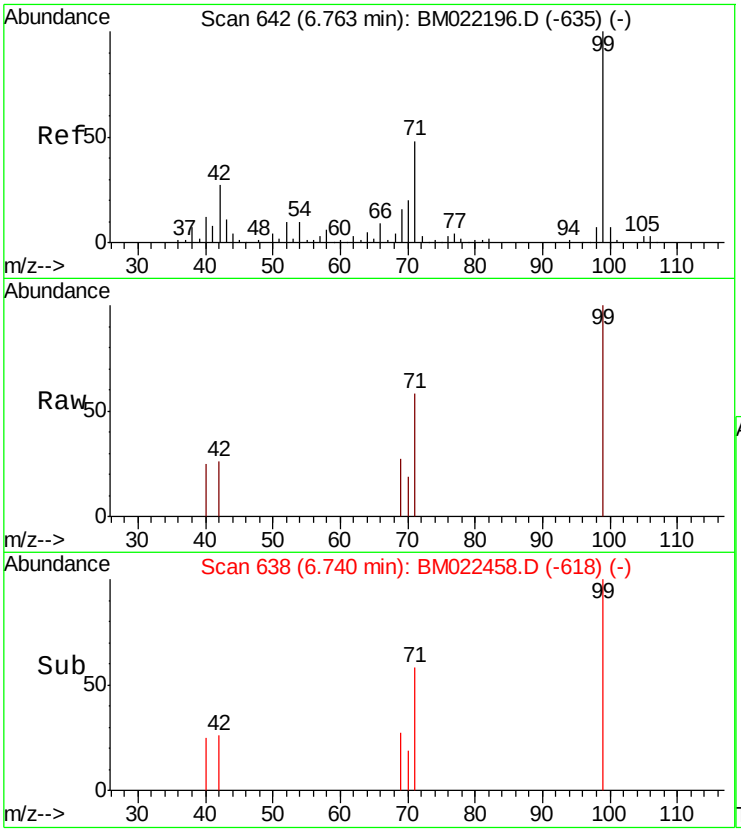




#5
2-Fluorophenol
Concen: 4.817 ng
RT: 5.15 min Scan# 368
Delta R.T. 0.01 min
Lab File: BM022458.D
Acq: 31 Aug 2019 01:37

Tgt Ion:112 Resp: 4862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 60.3 | 45.4 | 68.2 |
| 63 | 34.6 | 34.5 | 51.7 |



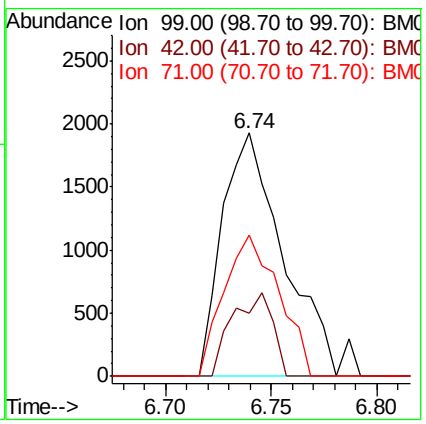


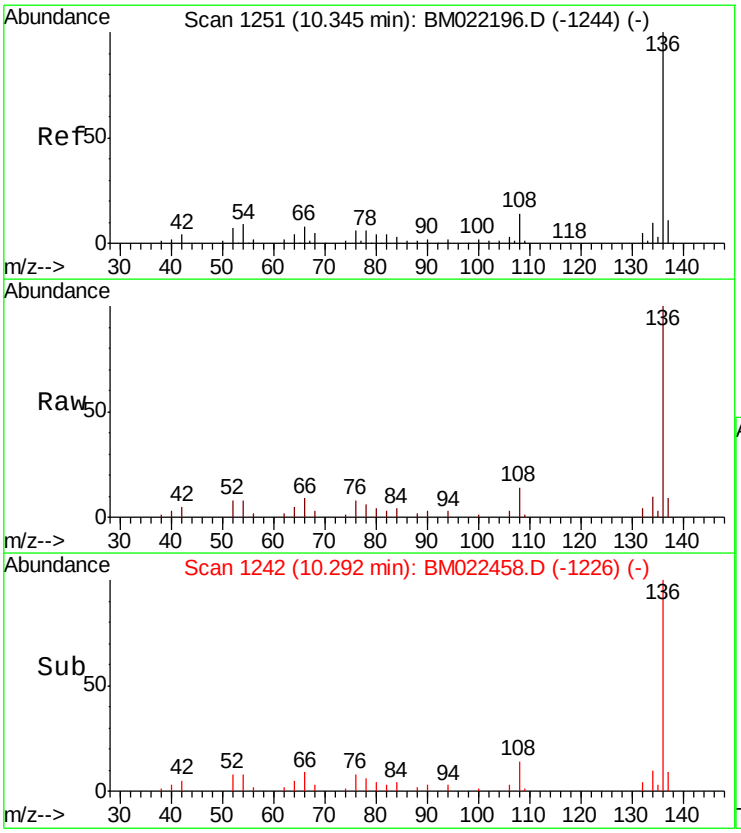

#7
Phenol-d6
Concen: 2.844 ng
RT: 6.74 min Scan# 638
Delta R.T. 0.02 min
Lab File: BM022458.D
Acq: 31 Aug 2019 01:37

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

Tgt Ion: 99 Resp: 3838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 26.2 | 26.3 | 39.5# |
| 71 | 57.8 | 46.6 | 69.8 |

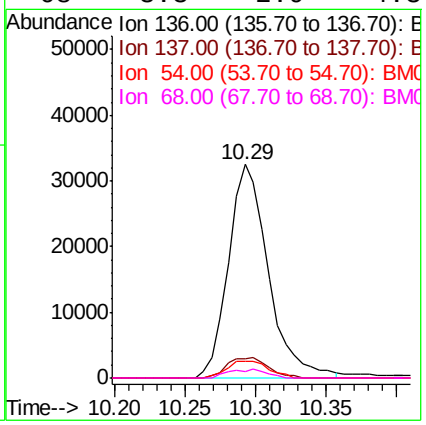


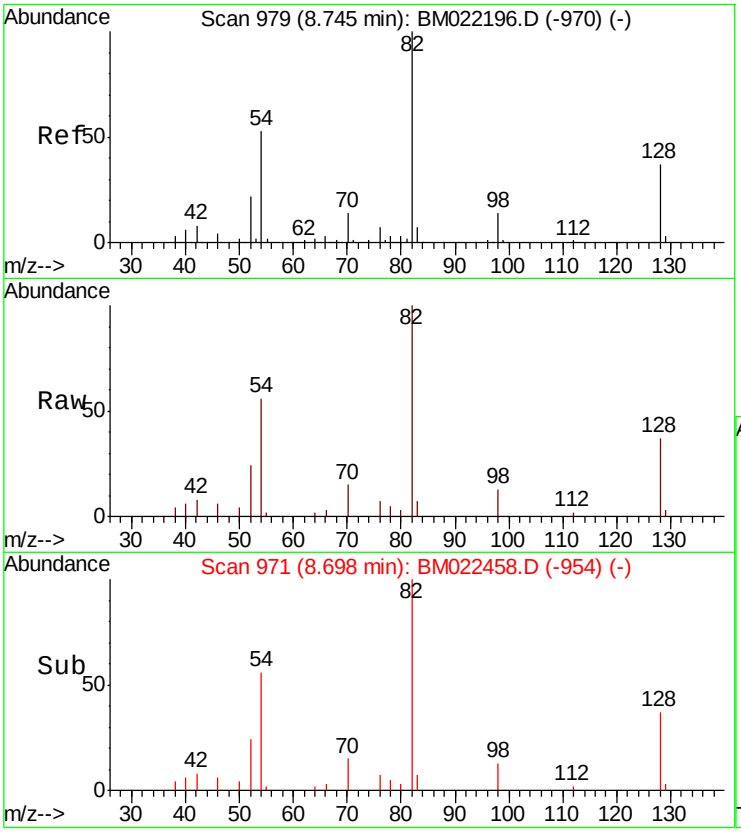




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM022458.D
Acq: 31 Aug 2019 01:37

Tgt Ion:136 Resp: 64216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 9.2 | 8.6 | 13.0 |
| 54 | 7.6 | 7.0 | 10.6 |
| 68 | 3.3 | 2.9 | 4.3 |



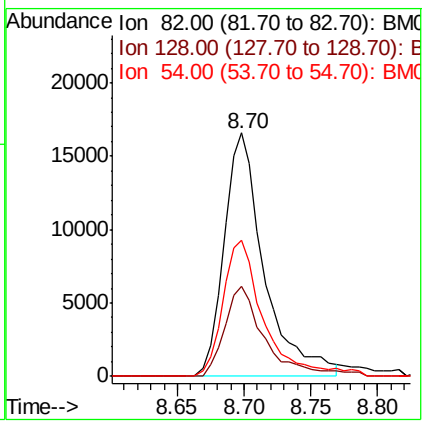


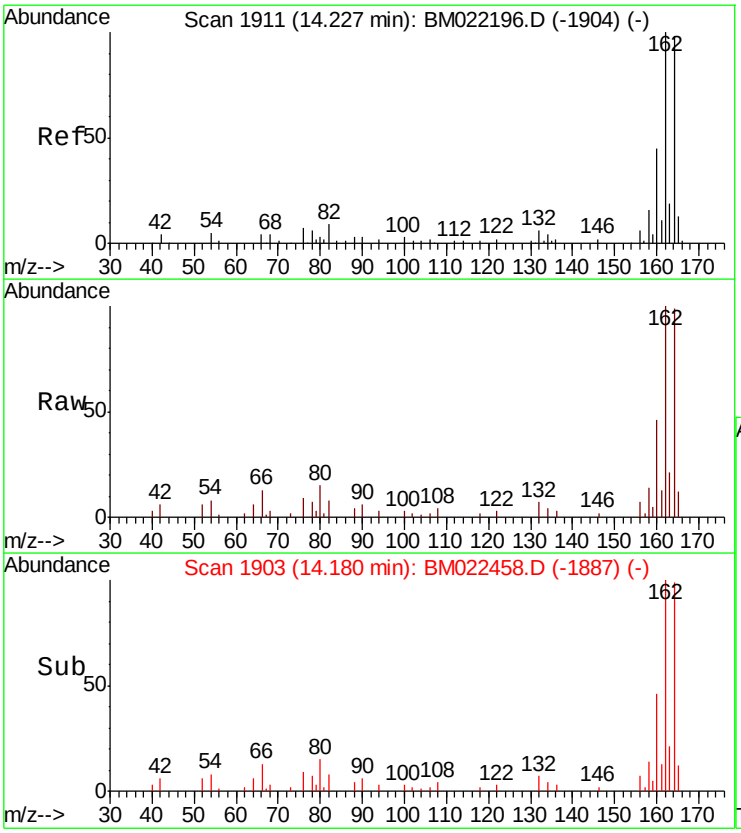

#23
Nitrobenzene-d5
Concen: 23.676 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.00 min
Lab File: BM022458.D
Acq: 31 Aug 2019 01:37

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

Tgt Ion: 82 Resp: 34712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 37.2 | 27.9 | 41.9 |
| 54 | 55.8 | 45.2 | 67.8 |

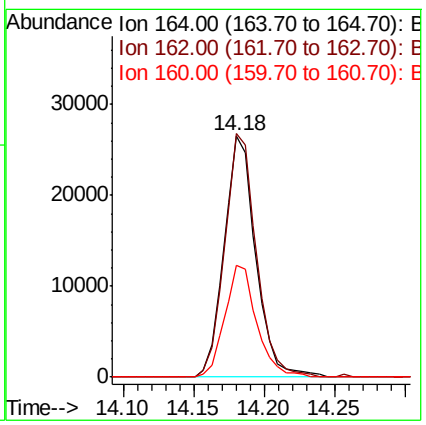


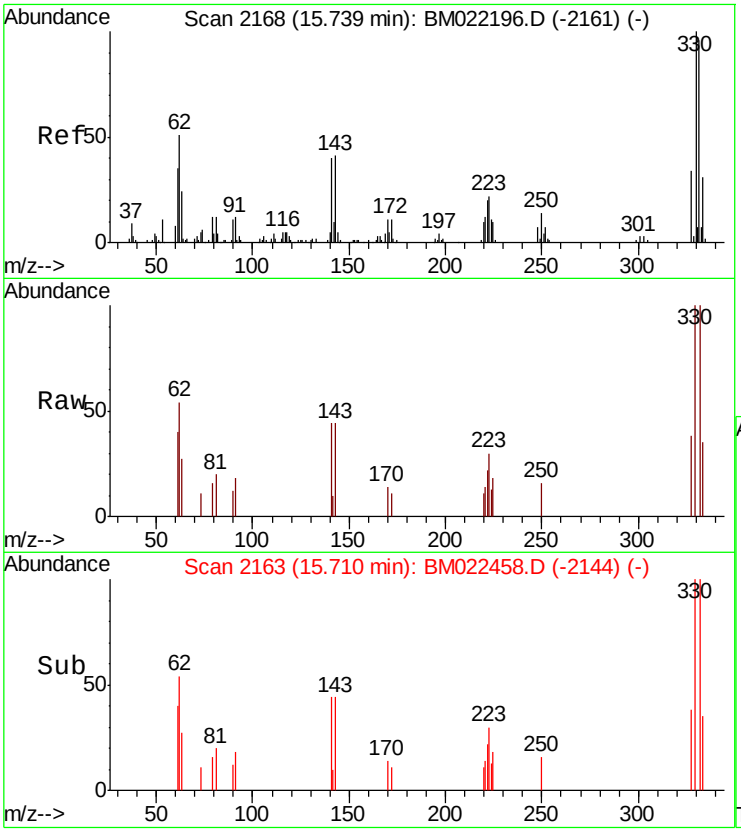




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM022458.D
Acq: 31 Aug 2019 01:37

Tgt Ion:164 Resp: 41230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.0 | 80.6 | 121.0 |
| 160 | 46.3 | 37.3 | 55.9 |



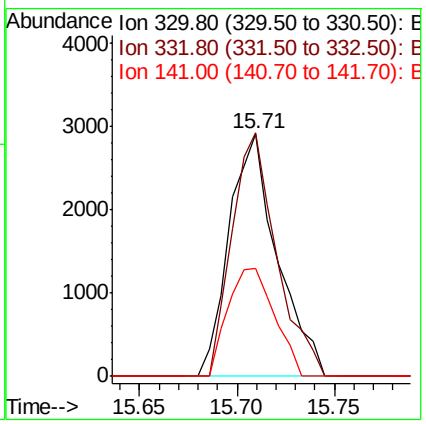


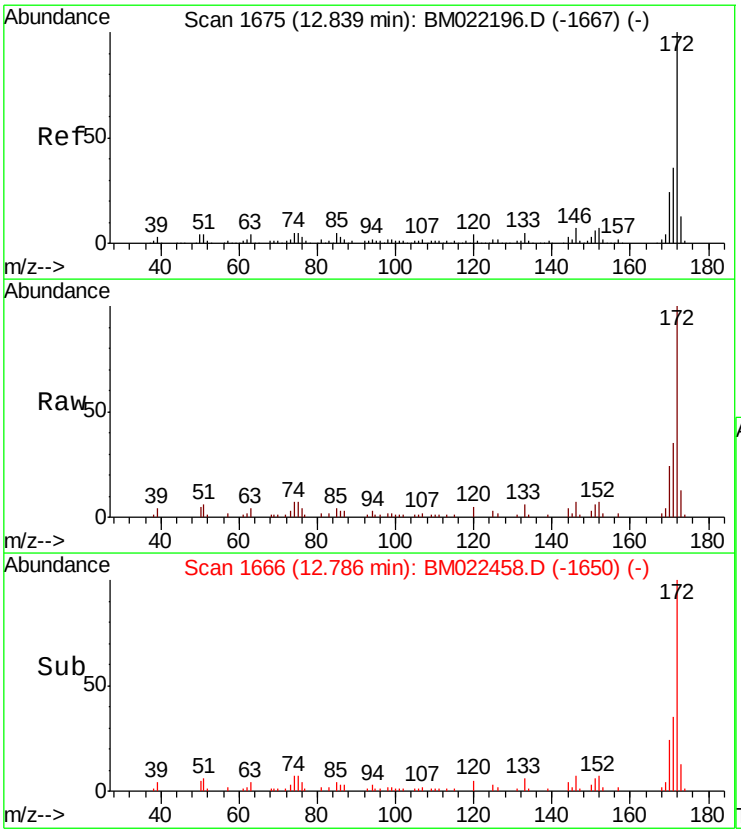

#42
2,4,6-Tribromophenol
Concen: 5.896 ng
RT: 15.71 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BM022458.D
Acq: 31 Aug 2019 01:37

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

Tgt Ion:330 Resp: 4974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 93.2 | 77.8 | 116.8 |
| 141 | 43.2 | 35.6 | 53.4 |

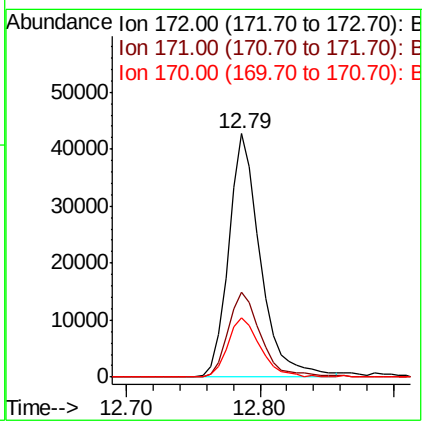


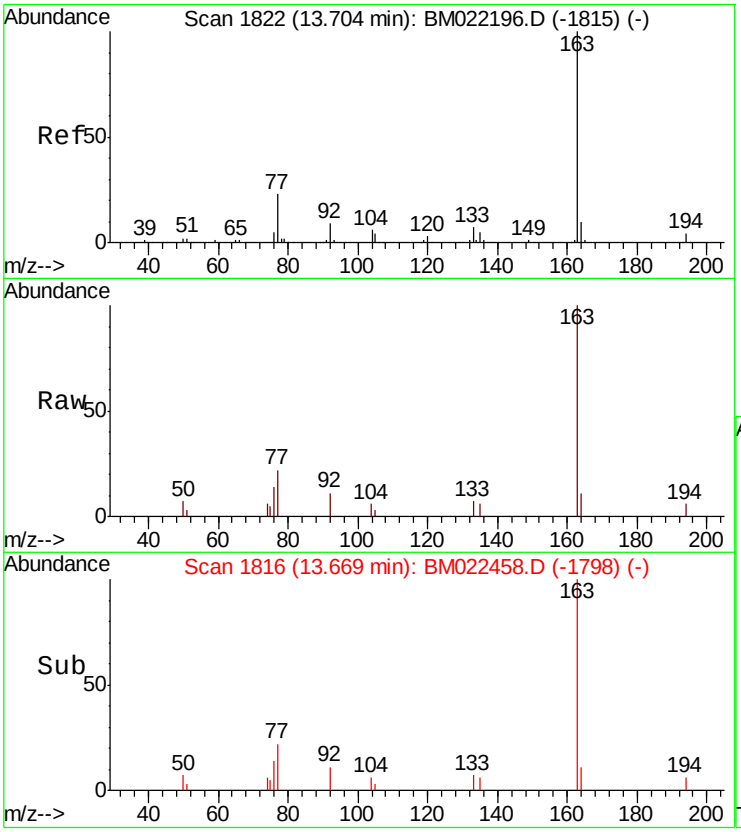




#45
2-Fluorobiphenyl
Concen: 19.468 ng
RT: 12.79 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM022458.D
Acq: 31 Aug 2019 01:37

Tgt Ion:172 Resp: 70855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.9 | 28.5 | 42.7 |
| 170 | 24.2 | 18.9 | 28.3 |



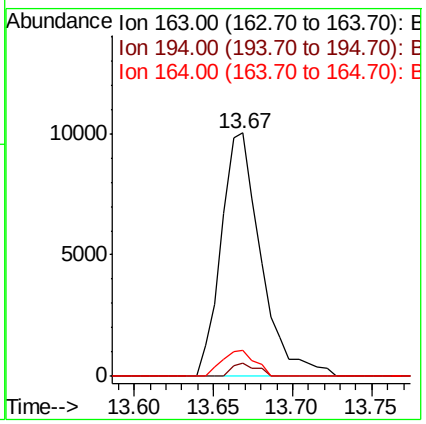


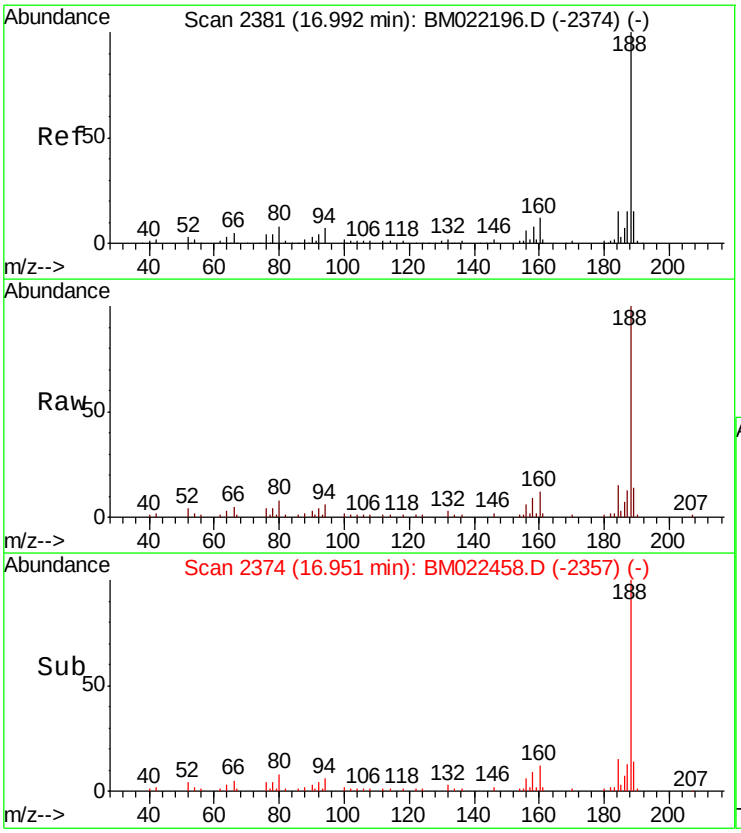

#50
Dimethylphthalate
Concen: 4.876 ng
RT: 13.67 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BM022458.D
Acq: 31 Aug 2019 01:37

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

Tgt Ion:163 Resp: 17485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.6 | 3.4 | 5.2# |
| 164 | 10.8 | 8.2 | 12.2 |

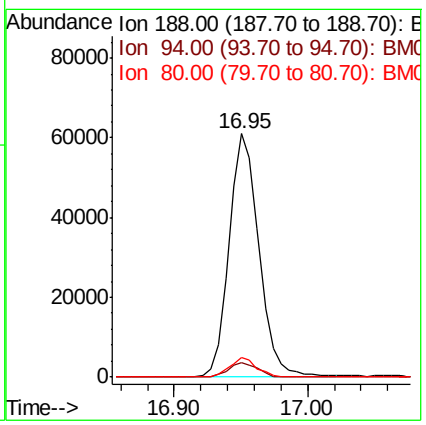


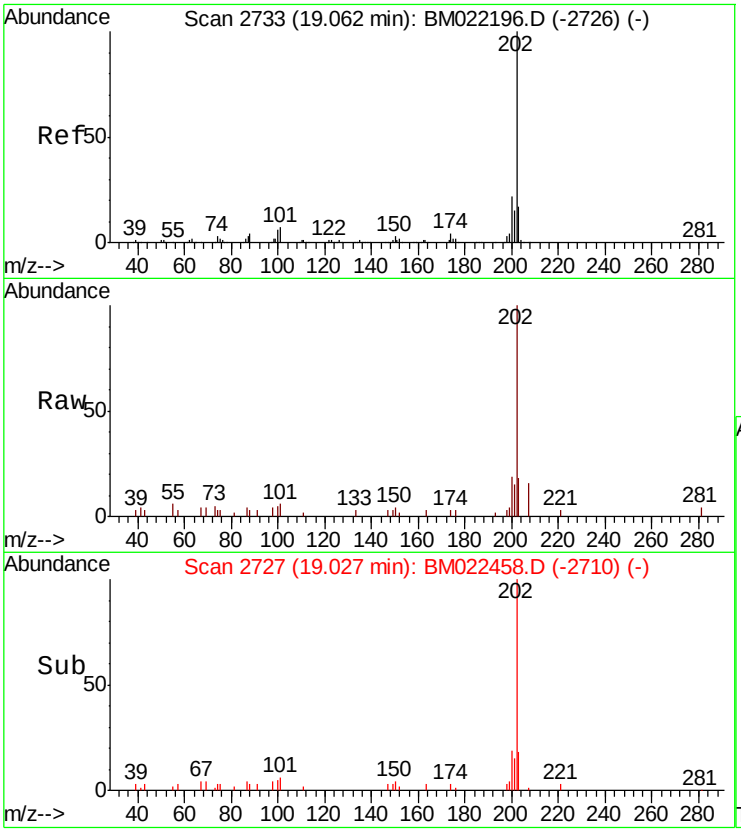




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022458.D
Acq: 31 Aug 2019 01:37

Tgt Ion:188 Resp: 95287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.0 | 4.4 | 6.6 |
| 80 | 8.0 | 5.0 | 7.6# |



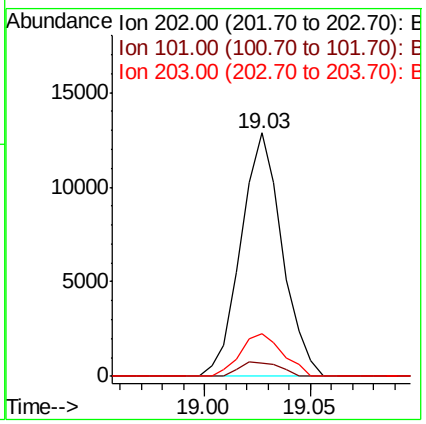


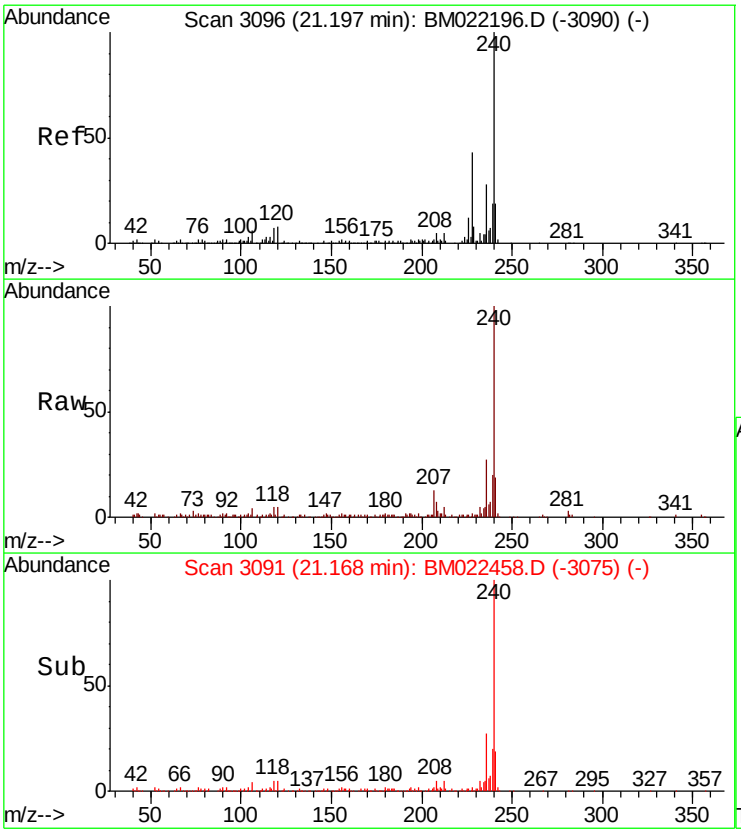

#75
Fluoranthene
Concen: 2.353 ng
RT: 19.03 min Scan# 2727
Delta R.T. -0.00 min
Lab File: BM022458.D
Acq: 31 Aug 2019 01:37

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

Tgt Ion:202 Resp: 17408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 5.6 | 0.0 | 25.1 |
| 203 | 17.6 | 0.0 | 37.1 |

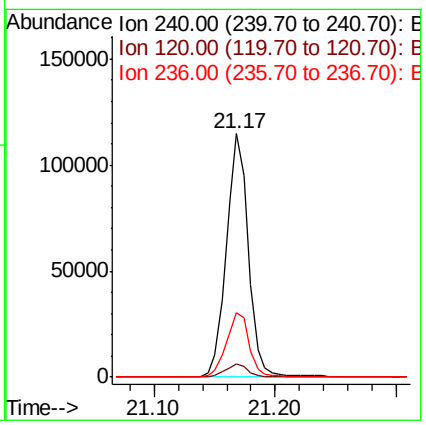


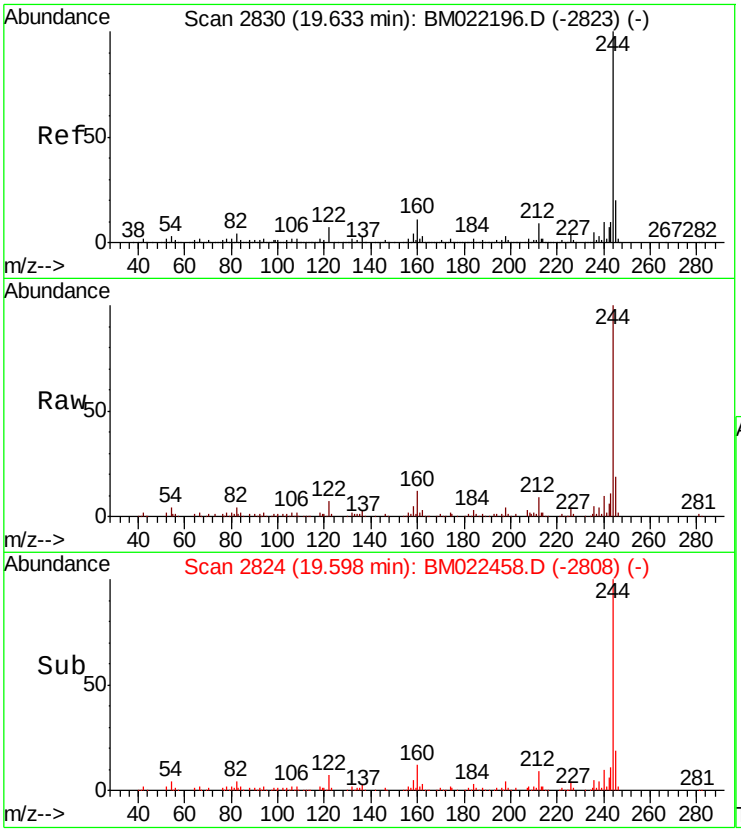




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM022458.D
Acq: 31 Aug 2019 01:37

Tgt Ion:240 Resp: 145701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.5 | 3.9 | 5.9 |
| 236 | 26.7 | 21.4 | 32.2 |



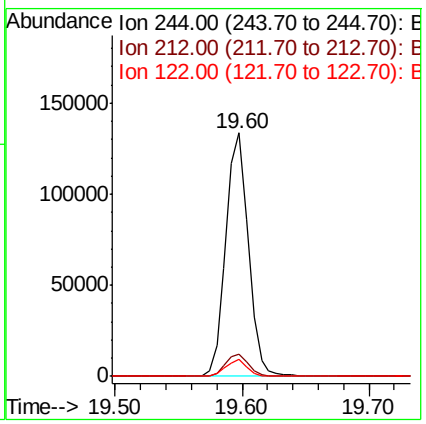


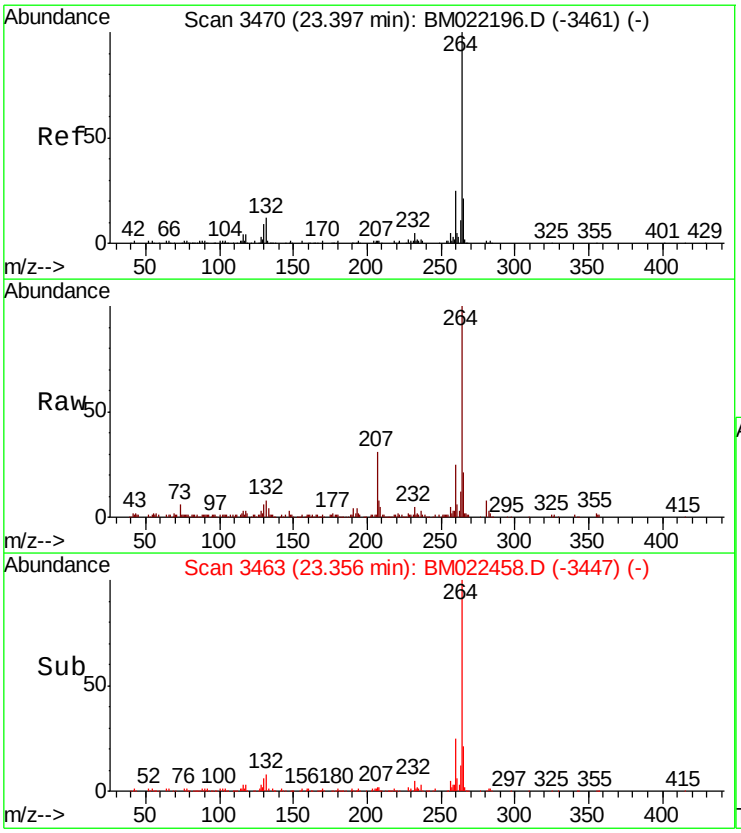

#79
Terphenyl-d14
Concen: 14.912 ng
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM022458.D
Acq: 31 Aug 2019 01:37

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

Tgt Ion:244 Resp: 164627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.9 | 7.0 | 10.4 |
| 122 | 6.8 | 3.9 | 5.9# |




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.36 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BM022458.D
Acq: 31 Aug 2019 01:37

Tgt Ion:264 Resp: 183604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.2 | 20.2 | 30.2 |
| 265 | 21.5 | 18.2 | 27.2 |