Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
Data File : BN010498.D
Acq On : 15 Apr 2020 03:30
Operator : CG/JU
Sample : L2017-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :**

Quant Time: Apr 15 05:54:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 18:04:22 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.61 | 152 | 185751 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.35 | 136 | 795604 | 0.40 | ng | -0.01 |
| 13) Acenaphthene-d10 | 14.22 | 164 | 536363 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 16.98 | 188 | 1269802 | 0.40 | ng | 0.00 |
| 27) Chrysene-d12 | 21.17 | 240 | 1400285 | 0.40 | ng | -0.01 |
| 34) Perylene-d12 | 23.35 | 264 | 1198800 | 0.40 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.25 | 112 | 993404 | 2.44 | ng | 0.00 |
| 5) Phenol-d6 | 6.79 | 99 | 1307215 | 2.46 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.73 | 82 | 843632 | 1.52 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.06 | 152 | 9 | 0.00 | ng | 0.10 |
| 14) 2,4,6-Tribromophenol | 15.73 | 330 | 685930 | 2.71 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.84 | 172 | 2415081 | 1.24 | ng | 0.00 |
| 25) Fluoranthene-d10 | 19.02 | 212 | 23 | 0.00 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.62 | 244 | 3504669 | 1.09 | ng | 0.00 |

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

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
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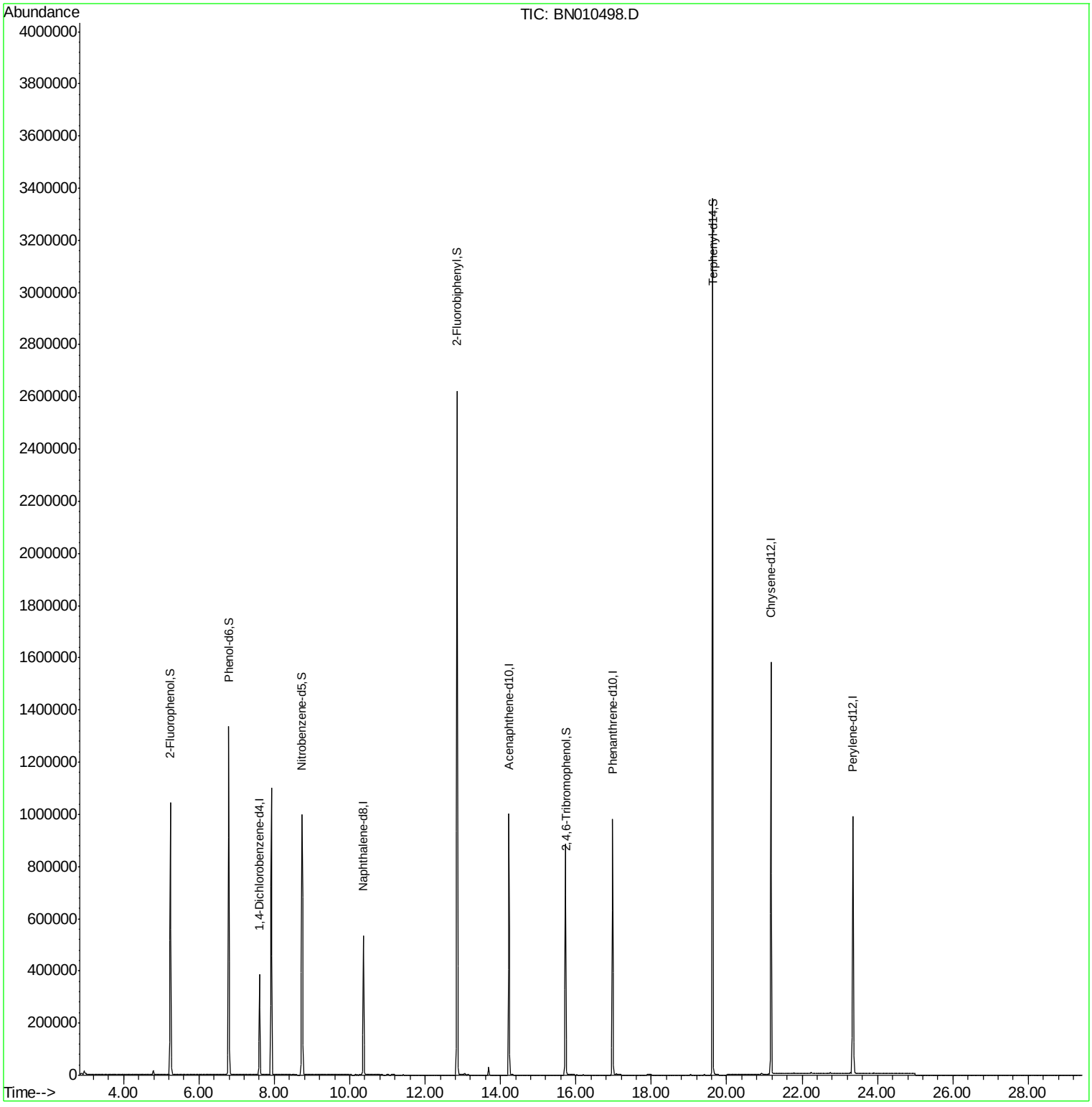
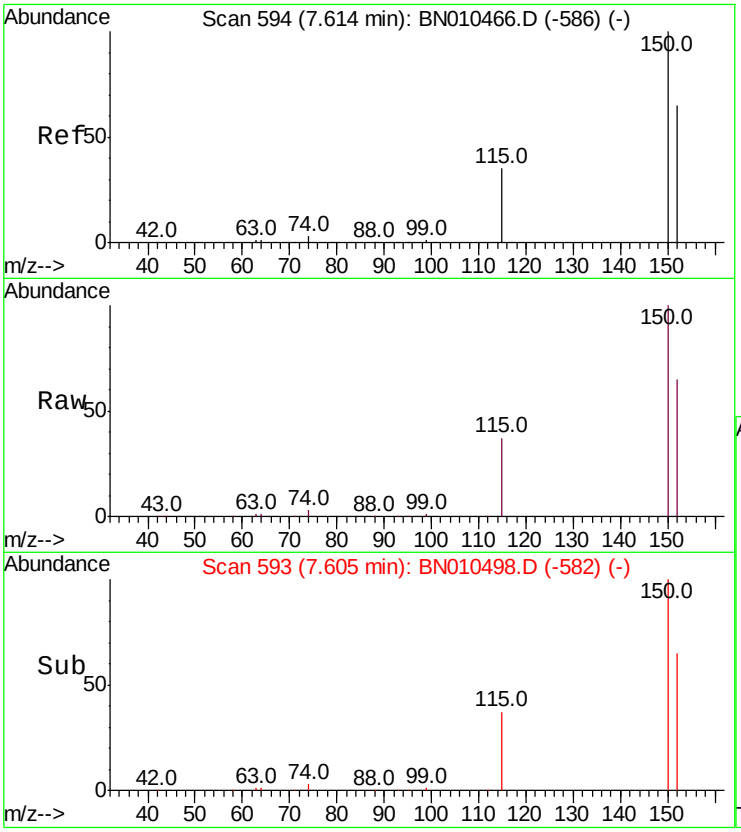
Acq On : 15 Apr 2020 03:30
Operator : CG/JU
Sample : L2017-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**

Quant Time: Apr 15 05:54:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 18:04:22 2020
Response via : Initial Calibration



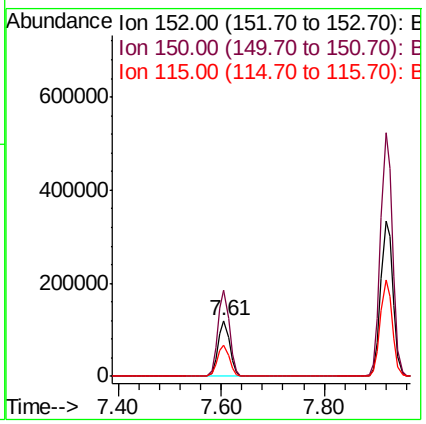


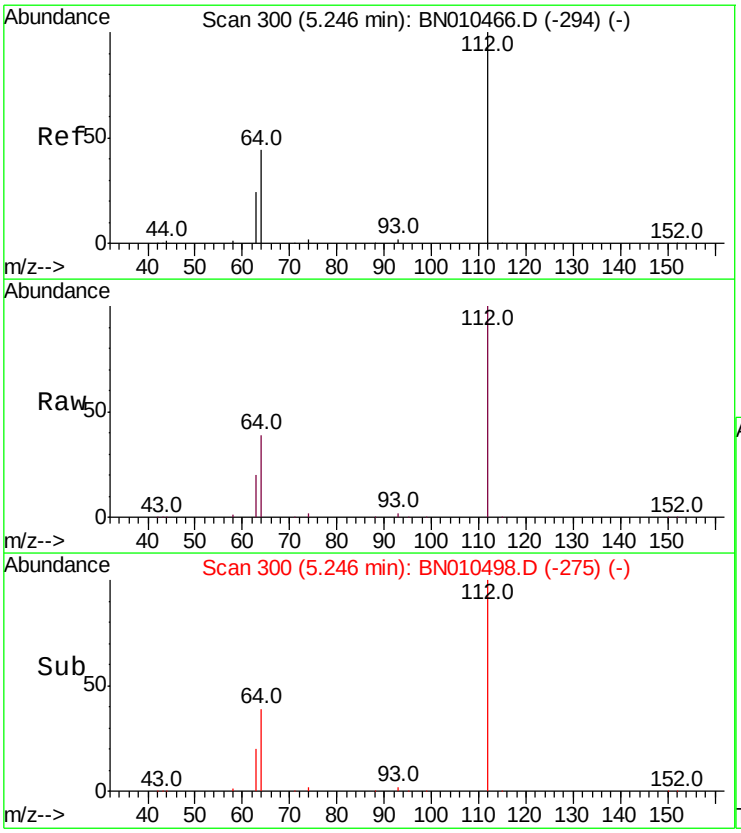

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN010498.D
Acq: 15 Apr 2020 03:30

**Instrument :**
BNA_N
**ClientSampleId :**

Tgt Ion:152 Resp: 185751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.9 | 121.8 | 182.6 |
| 115 | 56.5 | 45.5 | 68.3 |

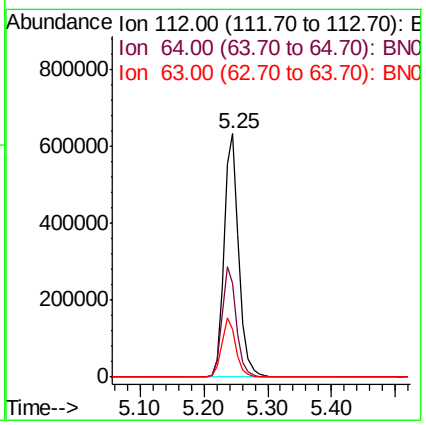


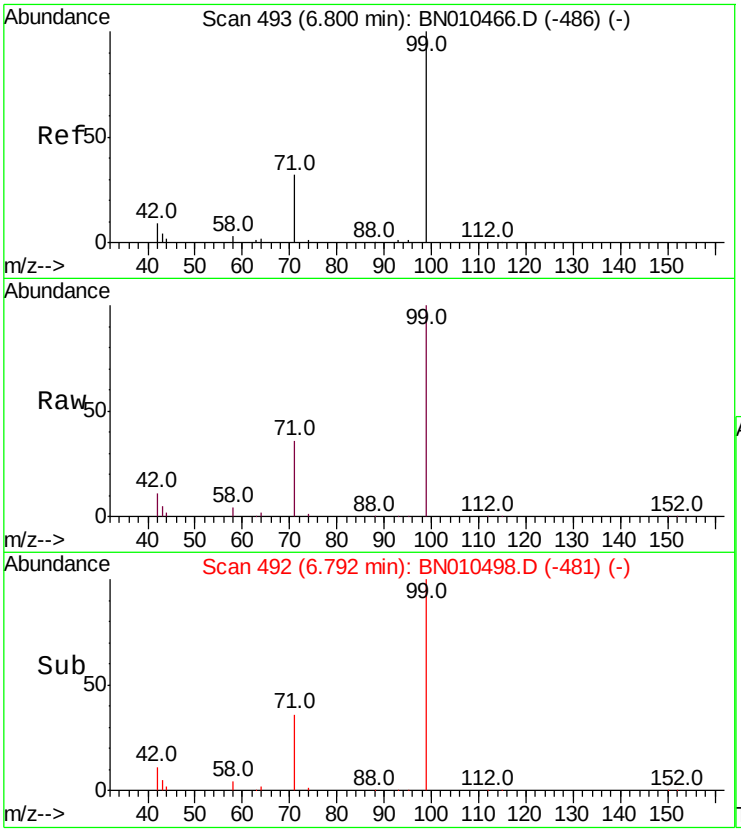




#4
2-Fluorophenol
Concen: 2.442 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.00 min
Lab File: BN010498.D
Acq: 15 Apr 2020 03:30

Tgt Ion:112 Resp: 993404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 44.9 | 35.8 | 53.8 |
| 63 | 23.7 | 19.9 | 29.9 |



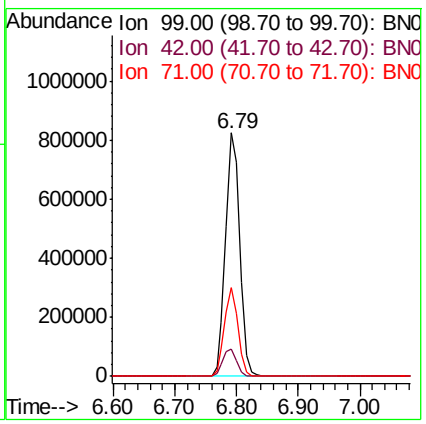


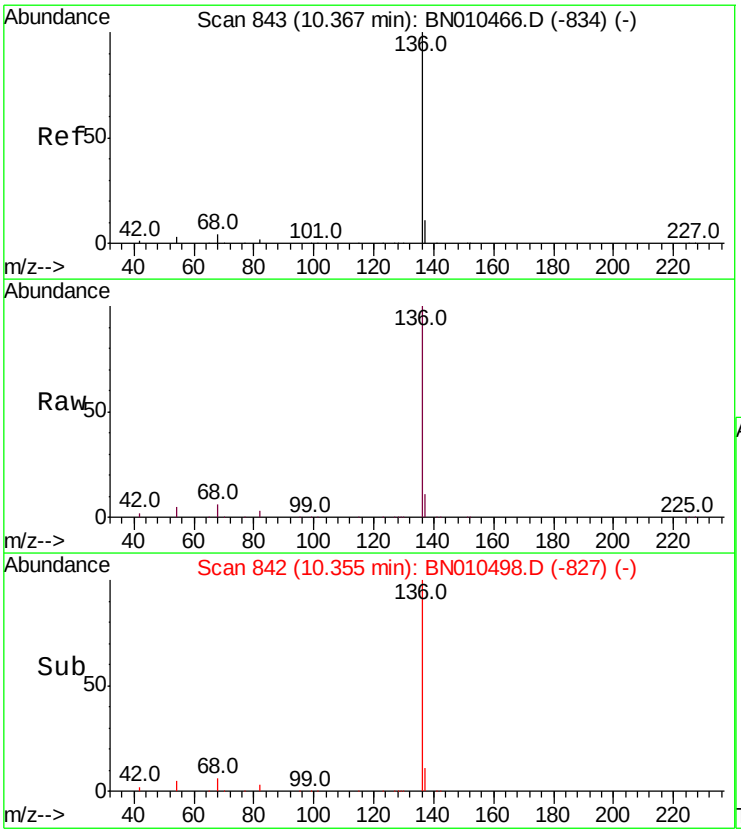

#5
Phenol-d6
Concen: 2.459 ng
RT: 6.79 min Scan# 492
Delta R.T. -0.01 min
Lab File: BN010498.D
Acq: 15 Apr 2020 03:30

**Instrument :**
BNA_N
**ClientSampleId :**

Tgt Ion: 99 Resp: 1307215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 11.3 | 9.8 | 14.6 |
| 71 | 35.1 | 27.8 | 41.8 |

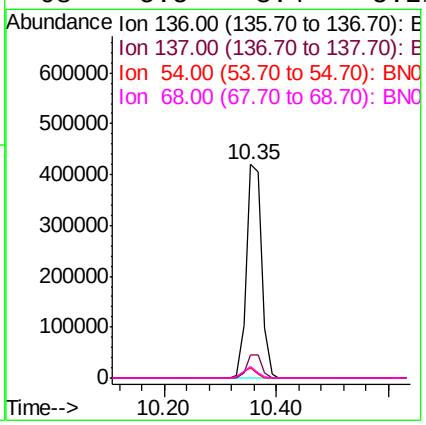


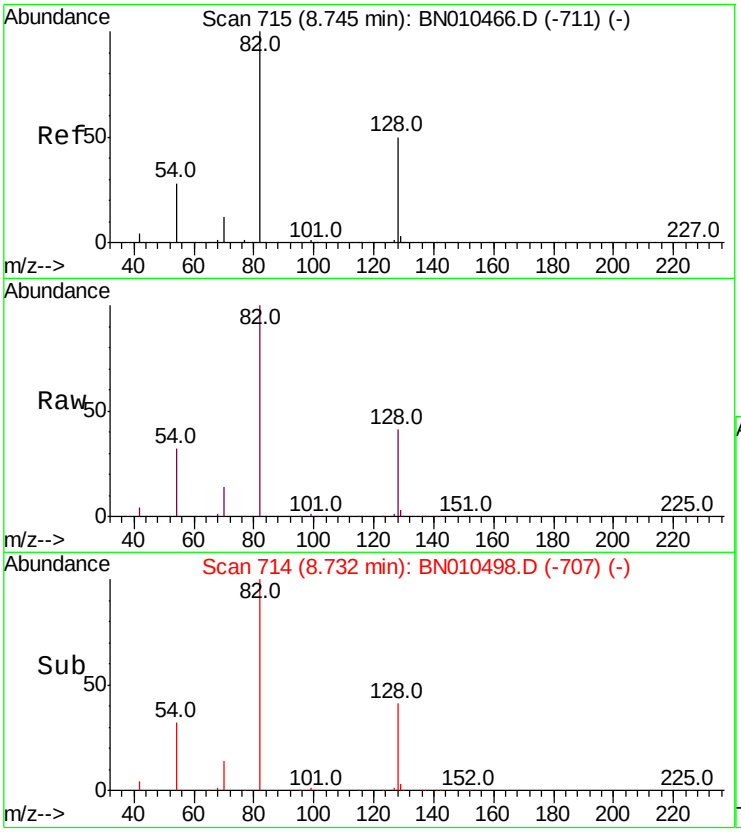




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.35 min Scan# 842
Delta R.T. -0.01 min
Lab File: BN010498.D
Acq: 15 Apr 2020 03:30

Tgt Ion:136 Resp: 795604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.9 | 13.3 |
| 54 | 4.6 | 2.6 | 4.0# |
| 68 | 5.5 | 3.4 | 5.2# |



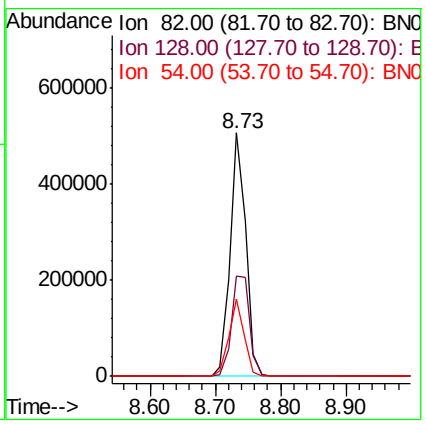


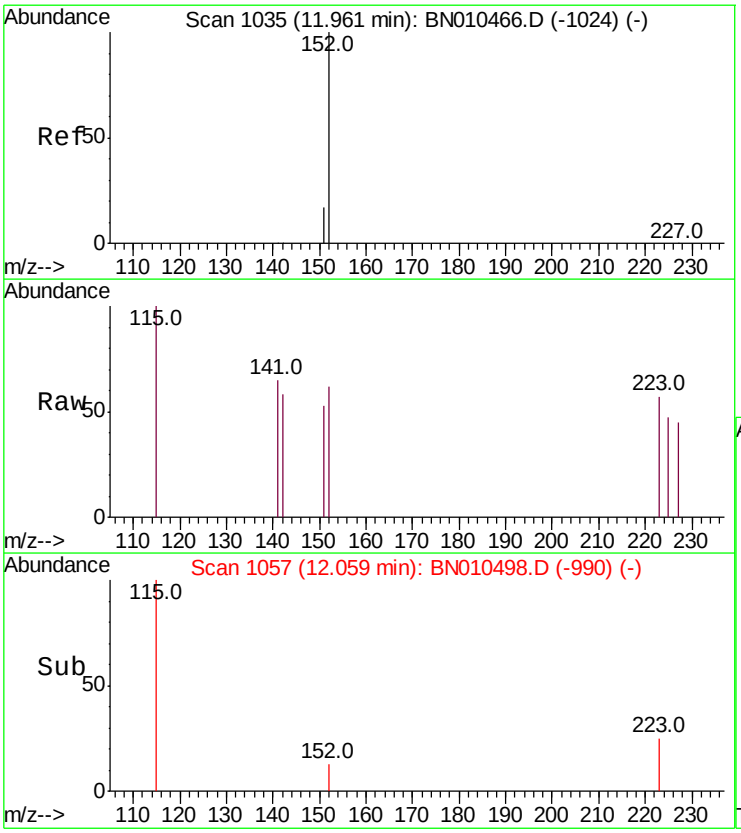

#8
Nitrobenzene-d5
Concen: 1.517 ng
RT: 8.73 min Scan# 714
Delta R.T. -0.01 min
Lab File: BN010498.D
Acq: 15 Apr 2020 03:30

**Instrument :**
BNA_N
**ClientSampleId :**

Tgt Ion: 82 Resp: 843632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.3 | 41.3 | 61.9 |
| 54 | 31.5 | 23.4 | 35.0 |

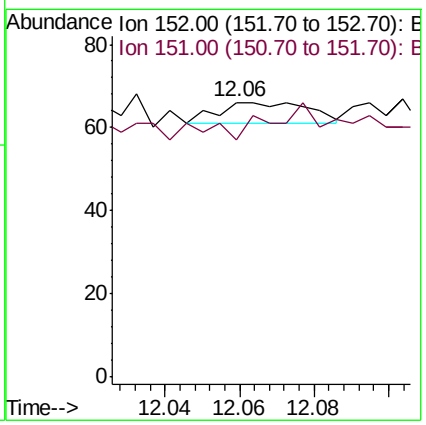


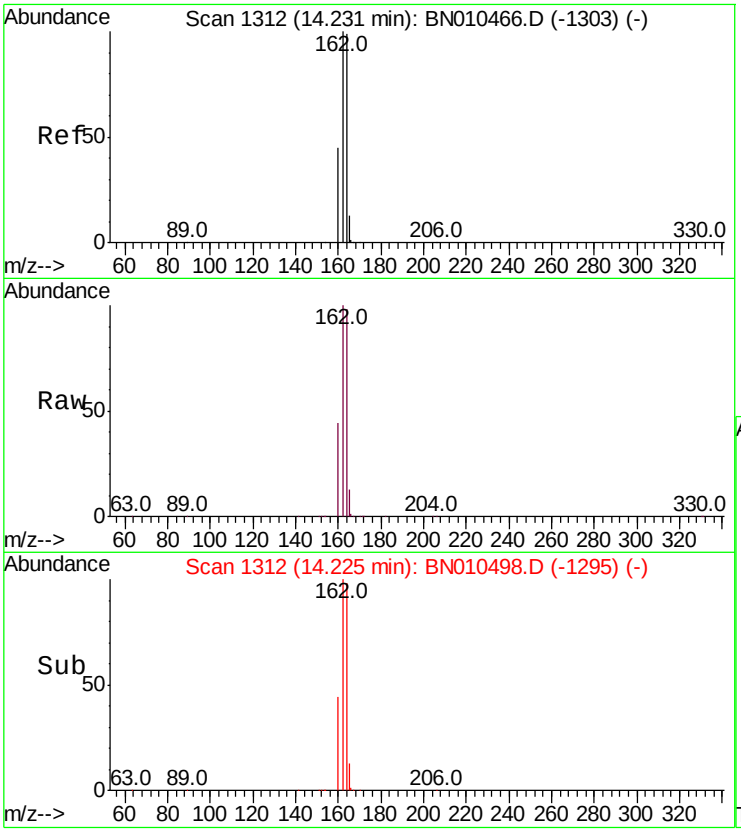




#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.06 min Scan# 1057
Delta R.T. 0.10 min
Lab File: BN010498.D
Acq: 15 Apr 2020 03:30

Tgt Ion:152 Resp: 9

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 22.2 | 15.3 | 22.9 |



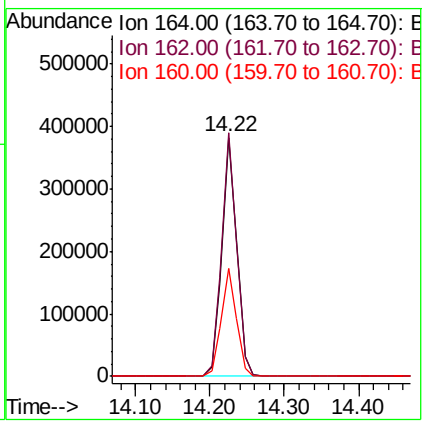


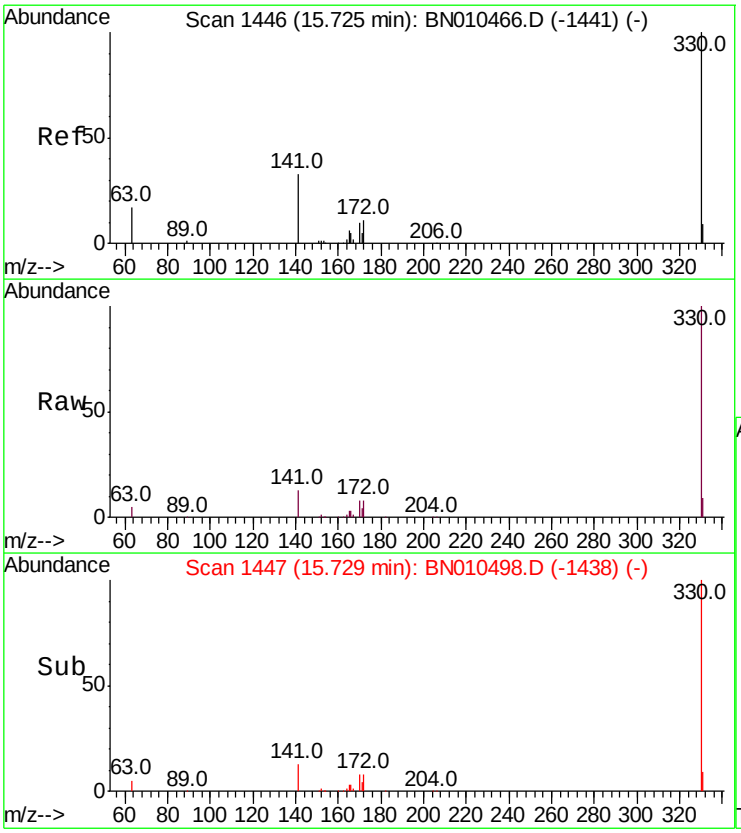

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN010498.D
Acq: 15 Apr 2020 03:30

**Instrument :**
BNA_N
**ClientSampleId :**

Tgt Ion:164 Resp: 536363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.9 | 80.6 | 121.0 |
| 160 | 45.2 | 36.5 | 54.7 |

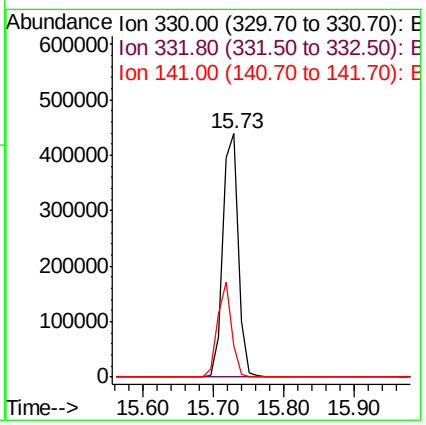


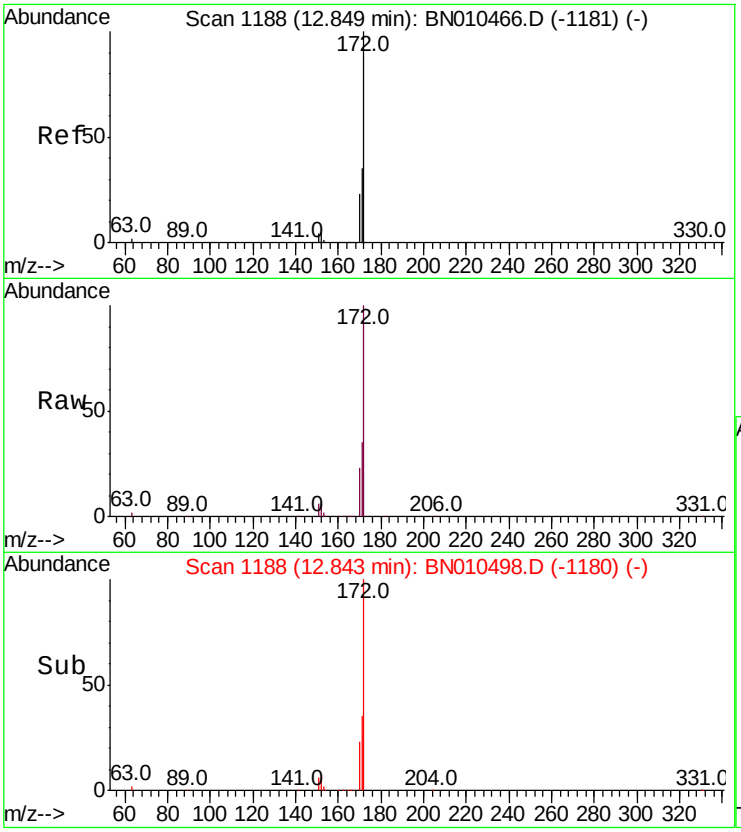




#14
2,4,6-Tribromophenol
Concen: 2.713 ng
RT: 15.73 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN010498.D
Acq: 15 Apr 2020 03:30

Tgt Ion:330 Resp: 685930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 35.5 | 28.1 | 42.1 |



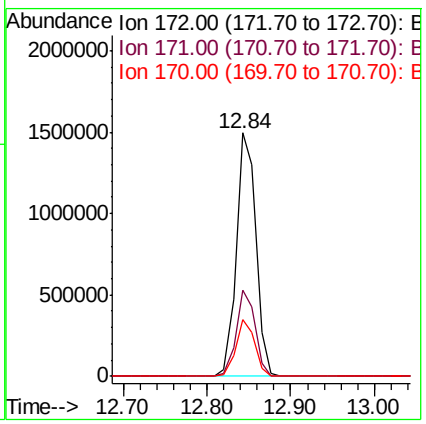


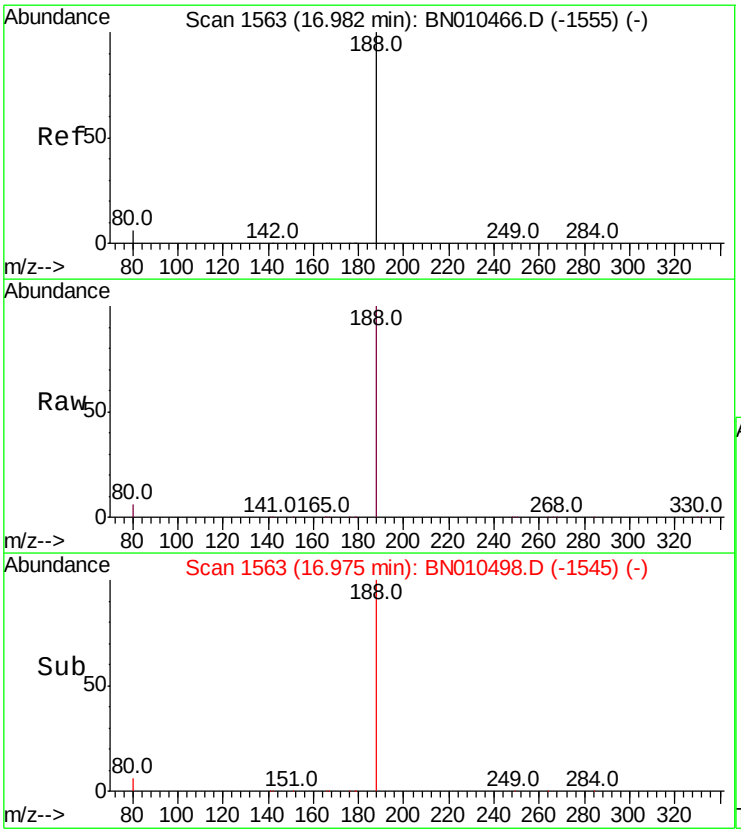

#15
2-Fluorobiphenyl
Concen: 1.237 ng
RT: 12.84 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BN010498.D
Acq: 15 Apr 2020 03:30

**Instrument :**
BNA_N
**ClientSampleId :**

Tgt Ion:172 Resp: 2415081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.2 | 28.2 | 42.2 |
| 170 | 23.3 | 18.4 | 27.6 |

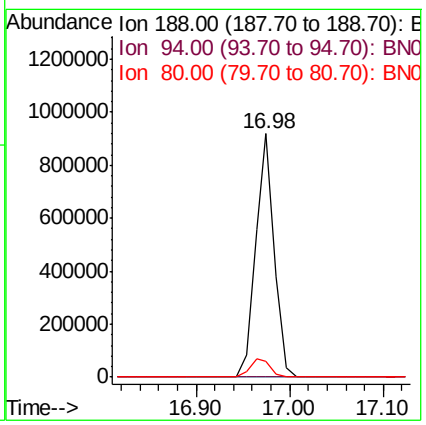


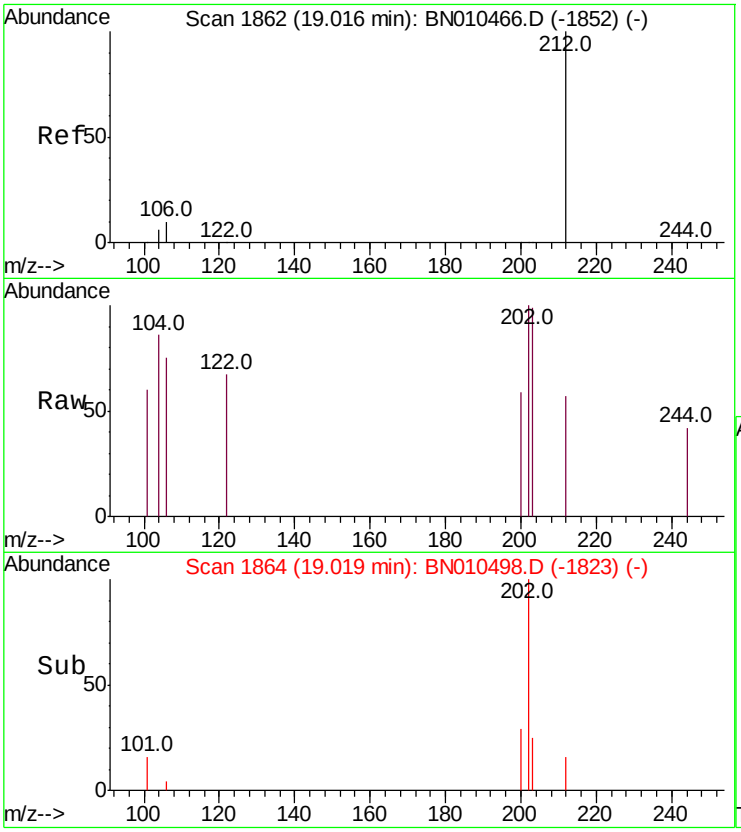




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.98 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN010498.D
Acq: 15 Apr 2020 03:30

Tgt Ion:188 Resp: 1269802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 6.5 | 5.0 | 7.6 |



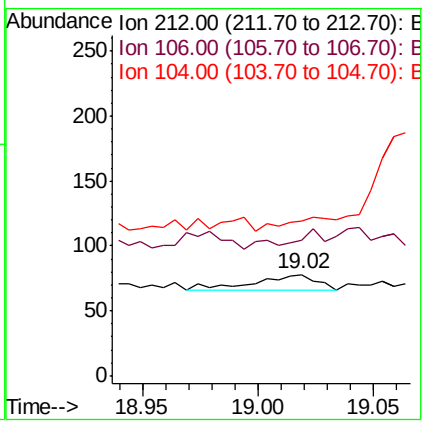


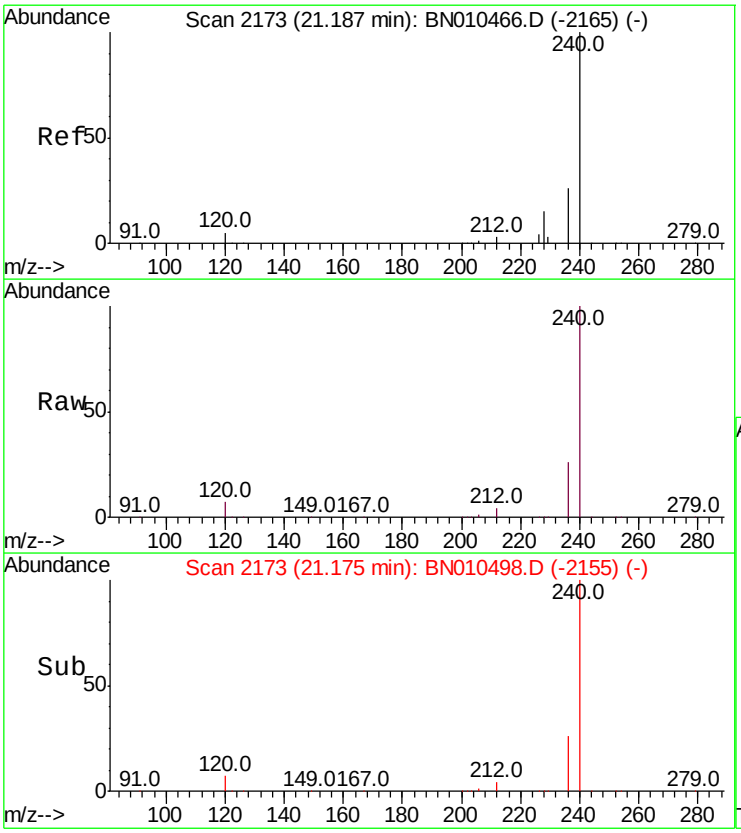

#25
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.02 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BN010498.D
Acq: 15 Apr 2020 03:30

**Instrument :**
BNA_N
**ClientSampleId :**

Tgt Ion:212 Resp: 23

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 30.4 | 7.8 | 11.6# |
| 104 | 0.0 | 4.5 | 6.7# |

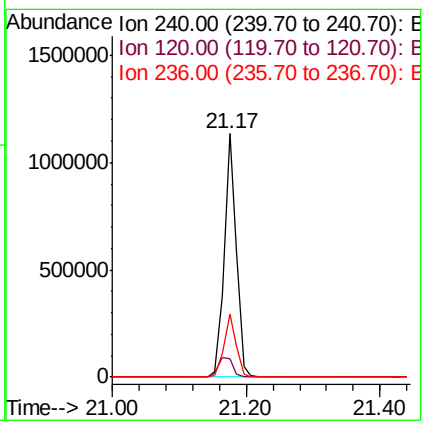


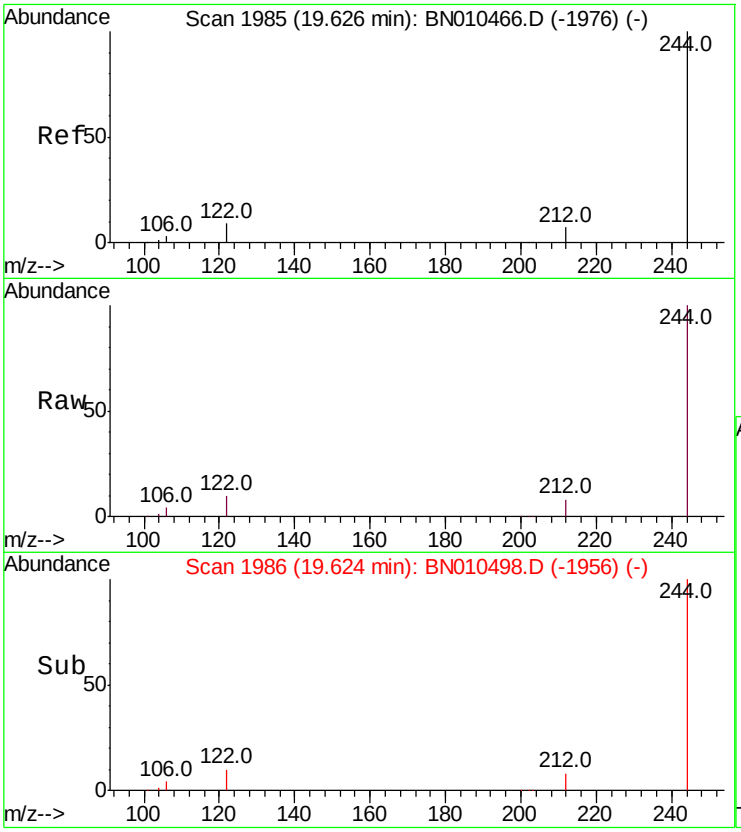




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BN010498.D
Acq: 15 Apr 2020 03:30

Tgt Ion:240 Resp: 1400285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.3 | 4.8 | 7.2# |
| 236 | 25.9 | 21.4 | 32.0 |



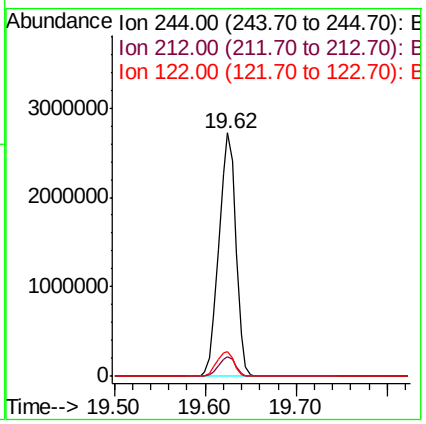


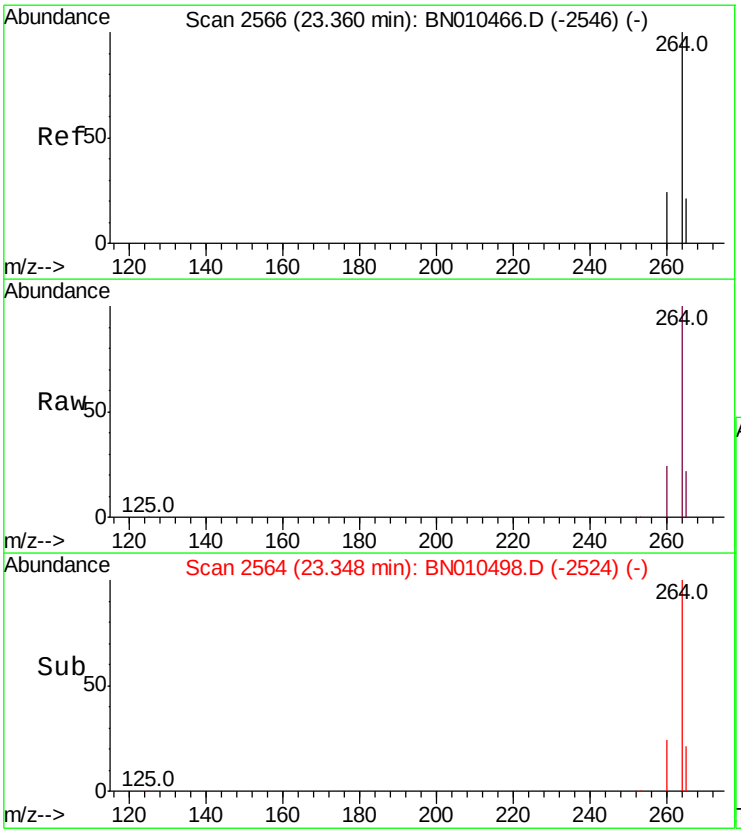

#29
Terphenyl-d14
Concen: 1.094 ng
RT: 19.62 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BN010498.D
Acq: 15 Apr 2020 03:30

**Instrument :**
BNA_N
**ClientSampleId :**

Tgt Ion:244 Resp: 3504669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.0 | 6.2 | 9.4 |
| 122 | 10.4 | 7.8 | 11.8 |




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2564
Delta R.T. -0.01 min
Lab File: BN010498.D
Acq: 15 Apr 2020 03:30

Tgt Ion:264 Resp: 1198800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 19.8 | 29.8 |
| 265 | 22.1 | 42.3 | 63.5# |