Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
Data File : BN007292.D
Acq On : 21 Aug 2019 13:51
Operator : HP/JU
Sample : PB122391BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** PB122391BL

Quant Time: Aug 21 15:39:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 18:52:43 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.41 | 152 | 5441 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.16 | 136 | 20102 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.06 | 164 | 11238 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 16.80 | 188 | 26983 | 0.40 | ng | 0.00 |
| 27) Chrysene-d12 | 21.03 | 240 | 30142 | 0.40 | ng | 0.00 |
| 34) Perylene-d12 | 23.14 | 264 | 31233 | 0.40 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.04 | 112 | 5333 | 0.32 | ng | 0.00 |
| 5) Phenol-d6 | 6.60 | 99 | 6839 | 0.36 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.54 | 82 | 5073 | 0.33 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.77 | 152 | 11710 | 0.34 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.56 | 330 | 1426 | 0.23 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.68 | 172 | 15174 | 0.31 | ng | 0.00 |
| 25) Fluoranthene-d10 | 18.85 | 212 | 29885 | 0.35 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.48 | 244 | 22816 | 0.30 | ng | 0.00 |

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

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

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Acq On : 21 Aug 2019 13:51
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ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
BNA_N
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Quant Time: Aug 21 15:39:53 2019
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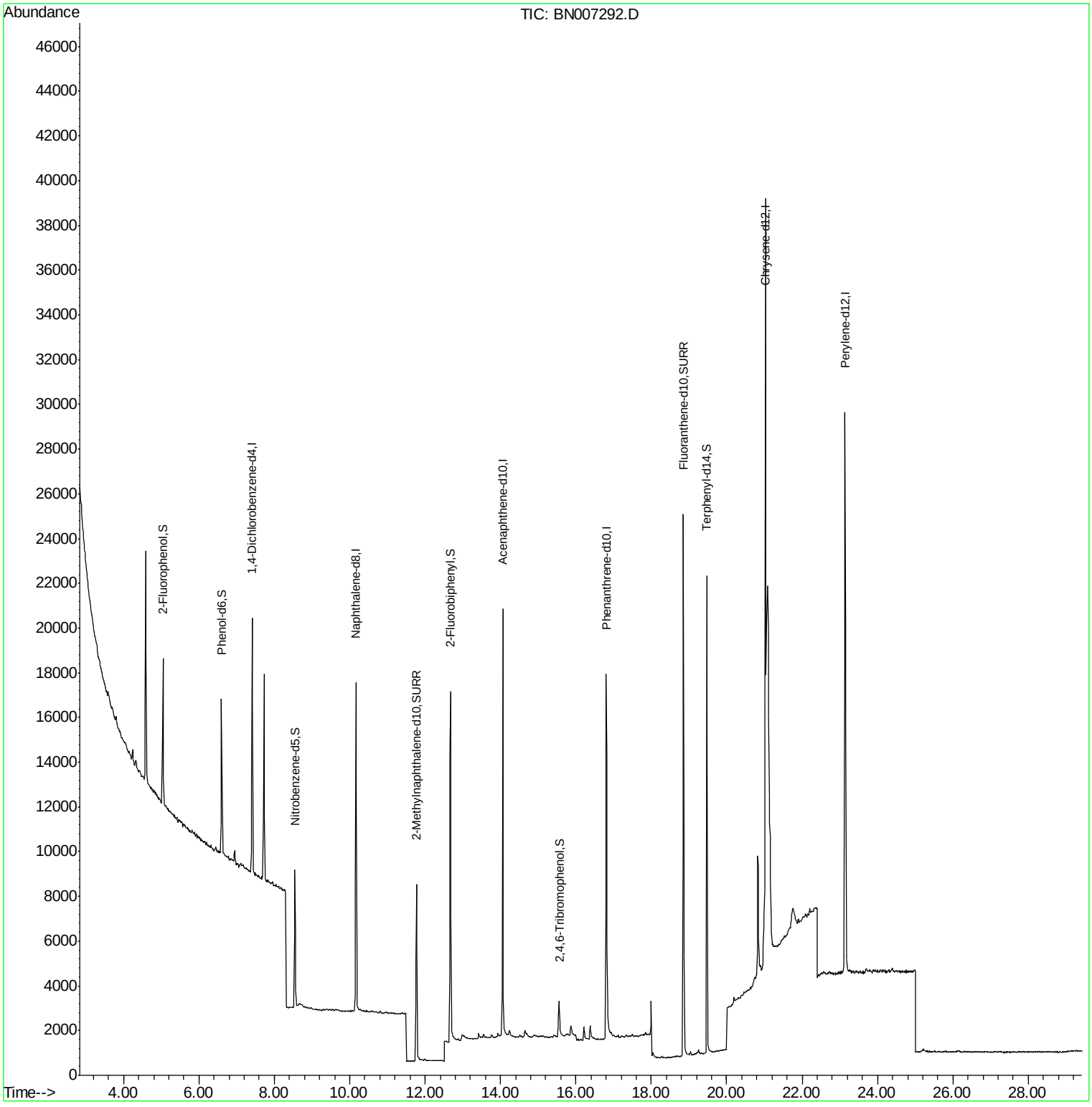
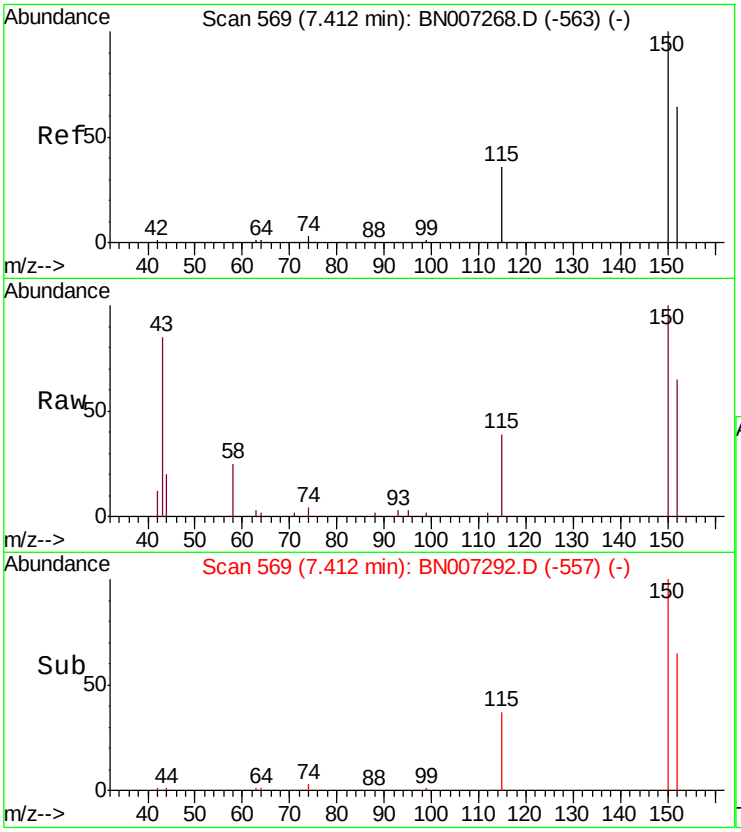


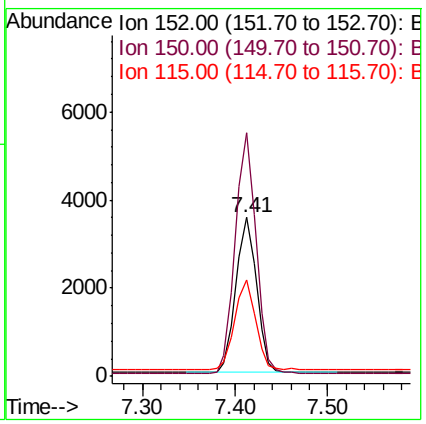


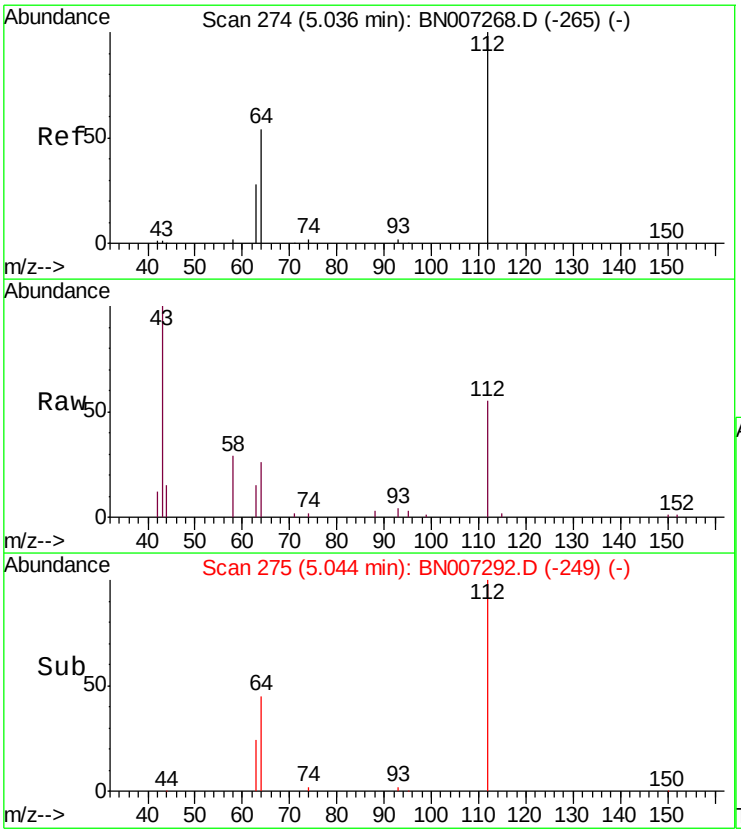

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. 0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

**Instrument :**
BNA_N
**ClientSampleId :**
PB122391BL

Tgt Ion:152 Resp: 5441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.2 | 123.8 | 185.8 |
| 115 | 60.3 | 47.3 | 70.9 |

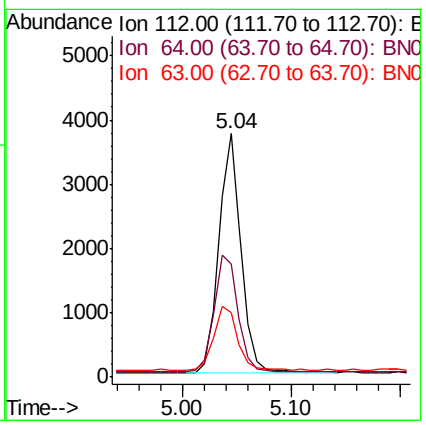


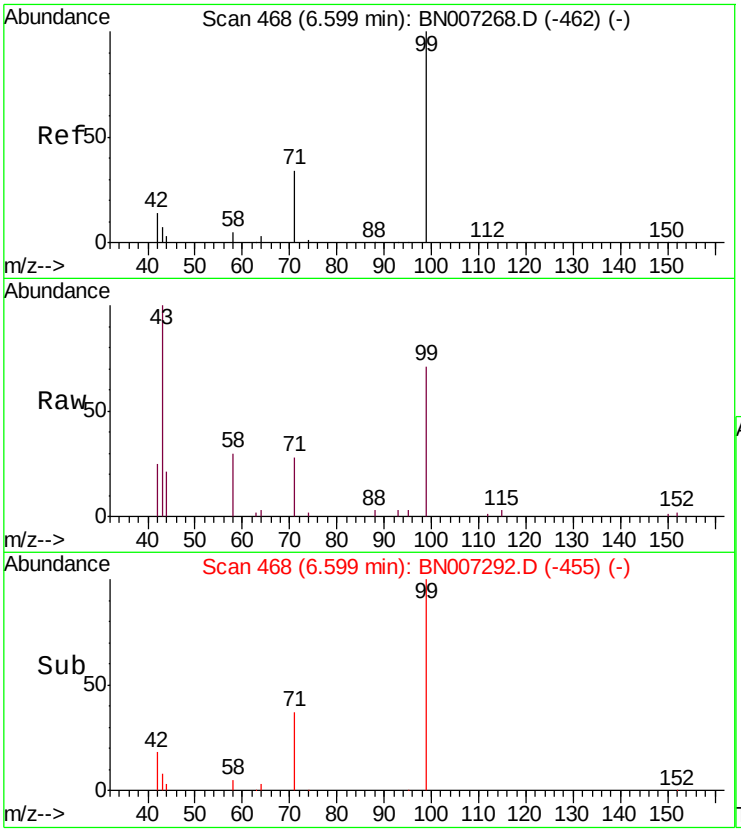




#4
2-Fluorophenol
Concen: 0.322 ng
RT: 5.04 min Scan# 275
Delta R.T. 0.01 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Tgt Ion:112 Resp: 5333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 52.6 | 41.8 | 62.8 |
| 63 | 27.7 | 22.6 | 34.0 |



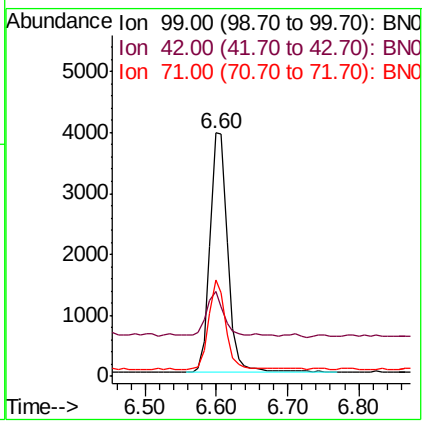


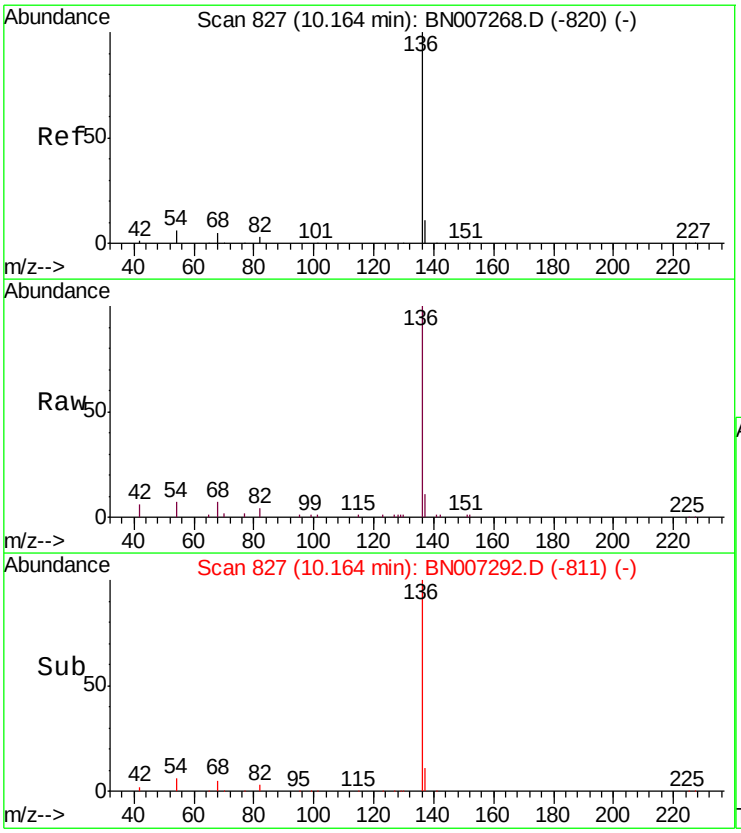

#5
Phenol-d6
Concen: 0.357 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

**Instrument :**
BNA_N
**ClientSampleId :**
PB122391BL

Tgt Ion: 99 Resp: 6839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.0 | 14.3 | 21.5 |
| 71 | 34.7 | 27.3 | 40.9 |

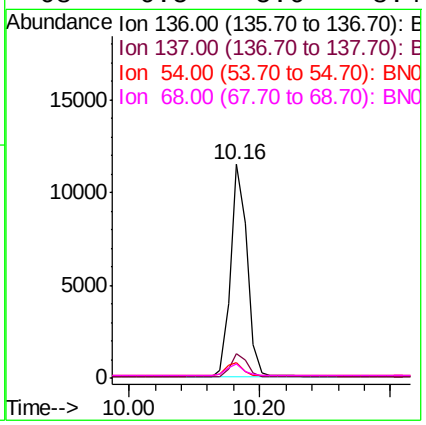


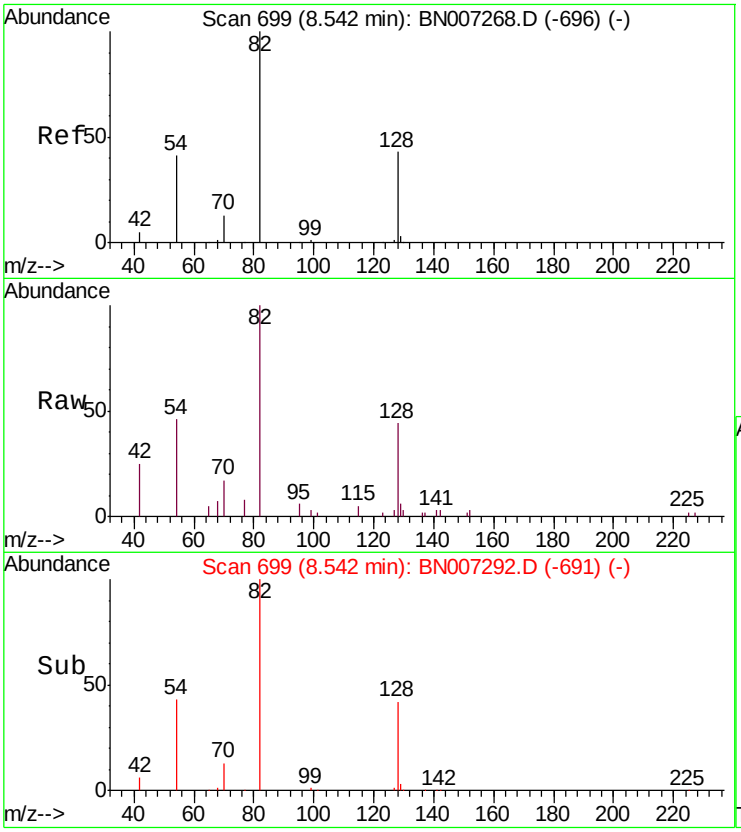




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Tgt Ion:136 Resp: 20102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.5 | 9.1 | 13.7 |
| 54 | 7.2 | 5.9 | 8.9 |
| 68 | 6.5 | 5.6 | 8.4 |



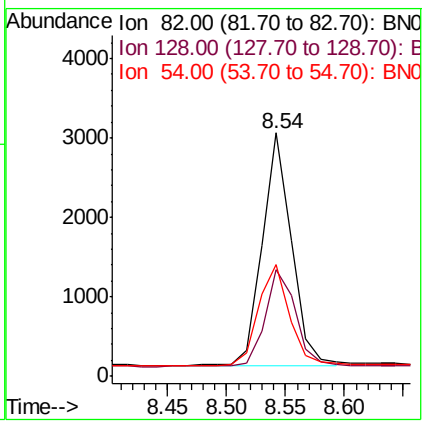


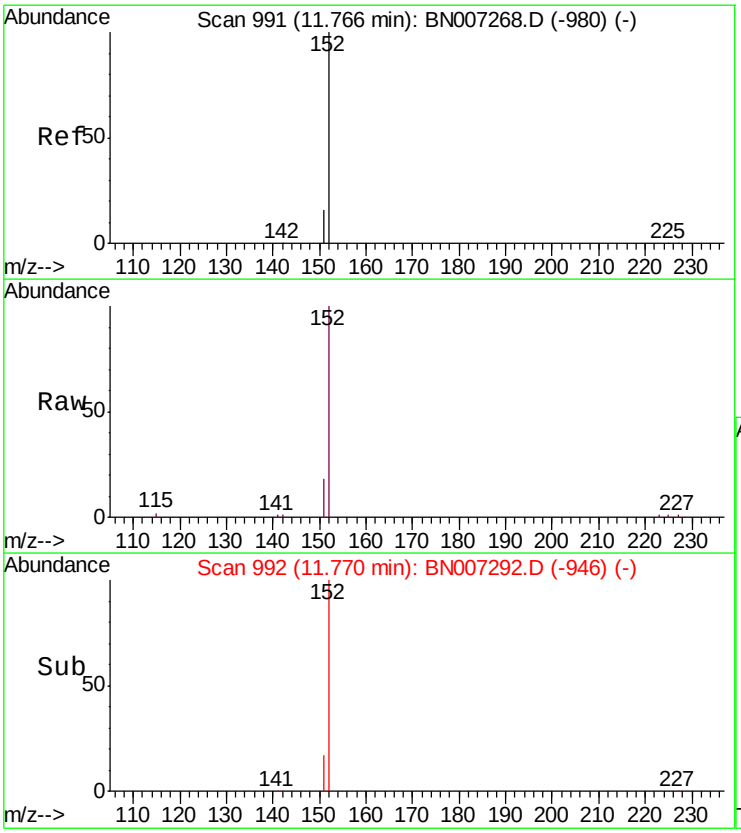

#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 8.54 min Scan# 699
Delta R.T. 0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

**Instrument :**
BNA_N
**ClientSampleId :**
PB122391BL

Tgt Ion: 82 Resp: 5073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.9 | 35.8 | 53.6 |
| 54 | 45.8 | 34.7 | 52.1 |

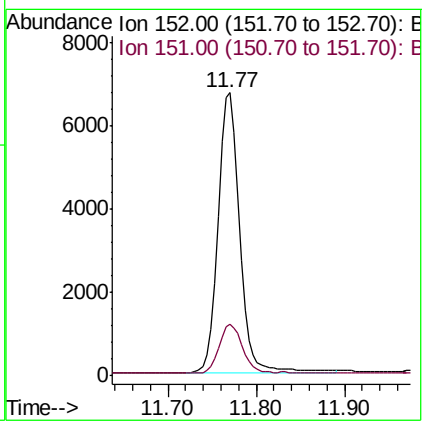


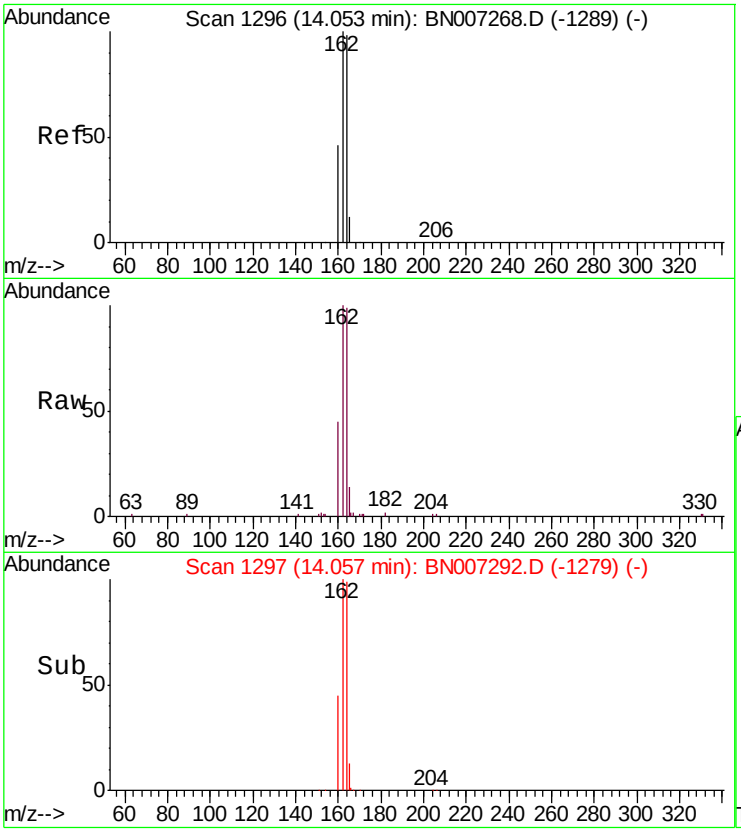




#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 11.77 min Scan# 992
Delta R.T. 0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Tgt Ion:152 Resp: 11710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.7 | 15.2 | 22.8 |



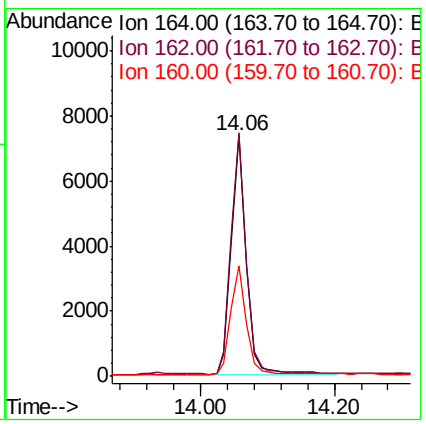


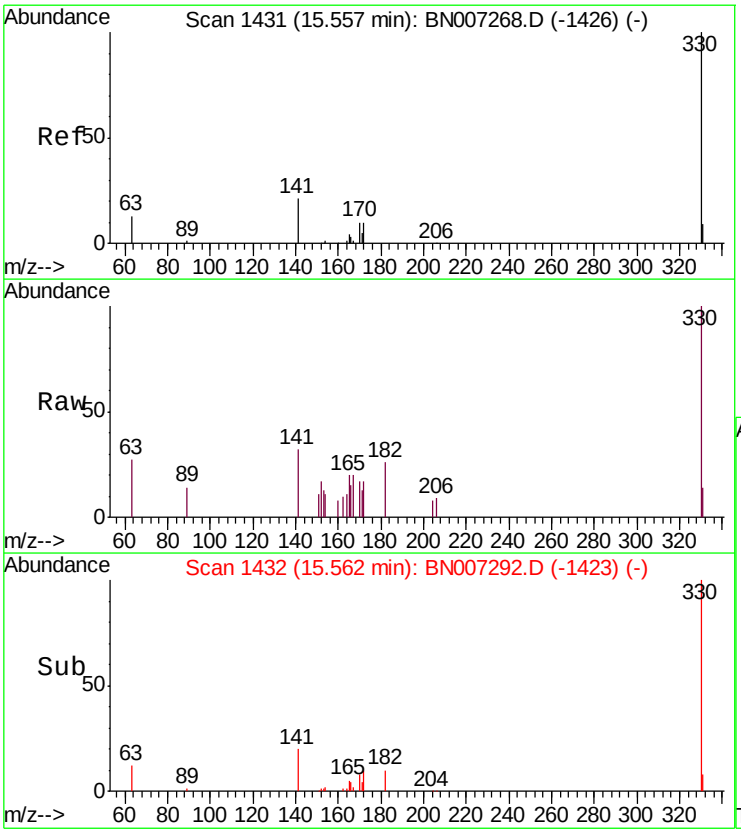

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.06 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

**Instrument :**
BNA_N
**ClientSampleId :**
PB122391BL

Tgt Ion:164 Resp: 11238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.1 | 82.0 | 123.0 |
| 160 | 45.9 | 38.2 | 57.4 |

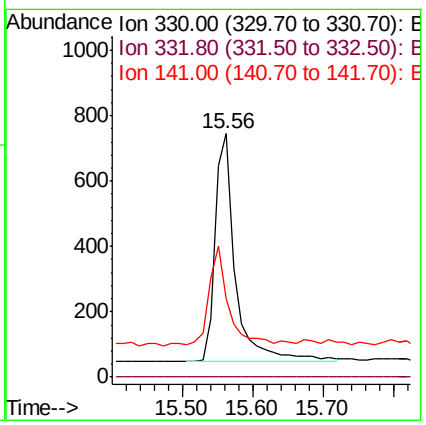


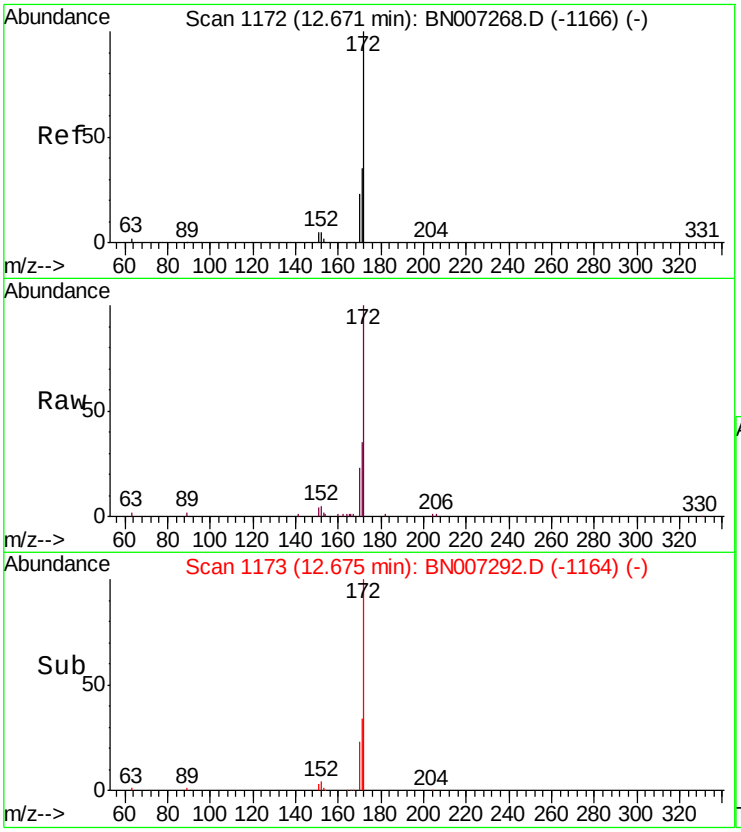




#14
2,4,6-Tribromophenol
Concen: 0.226 ng
RT: 15.56 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Tgt Ion:330 Resp: 1426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 39.1 | 30.3 | 45.5 |



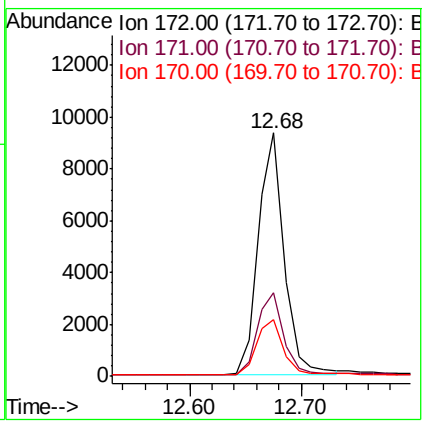


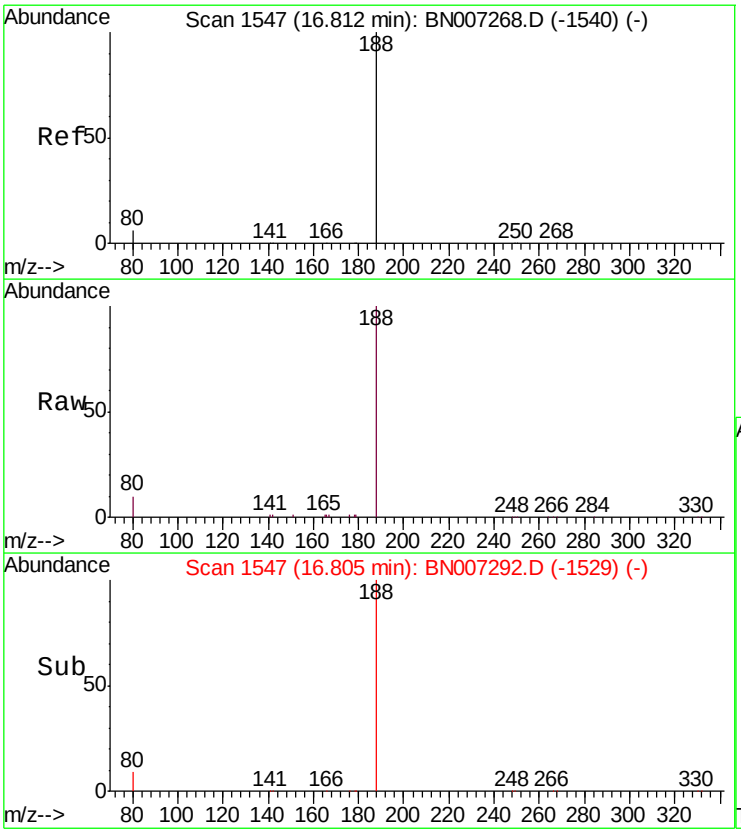

#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

**Instrument :**
BNA_N
**ClientSampleId :**
PB122391BL

Tgt Ion:172 Resp: 15174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.5 | 28.6 | 43.0 |
| 170 | 23.3 | 18.7 | 28.1 |

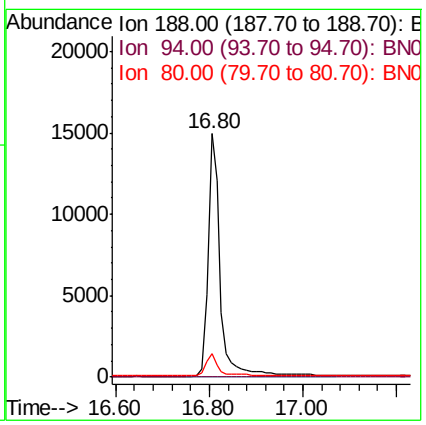


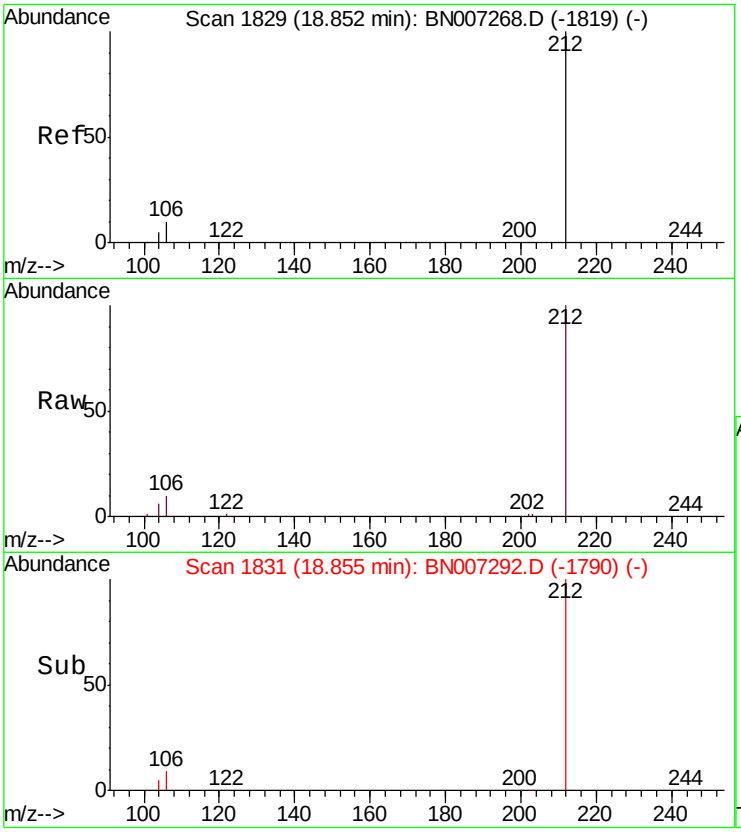




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Tgt Ion:188 Resp: 26983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 9.8 | 5.2 | 7.8# |



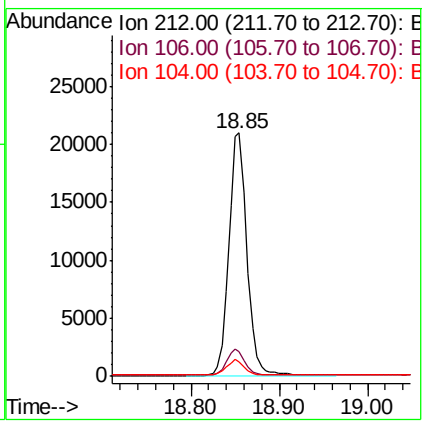


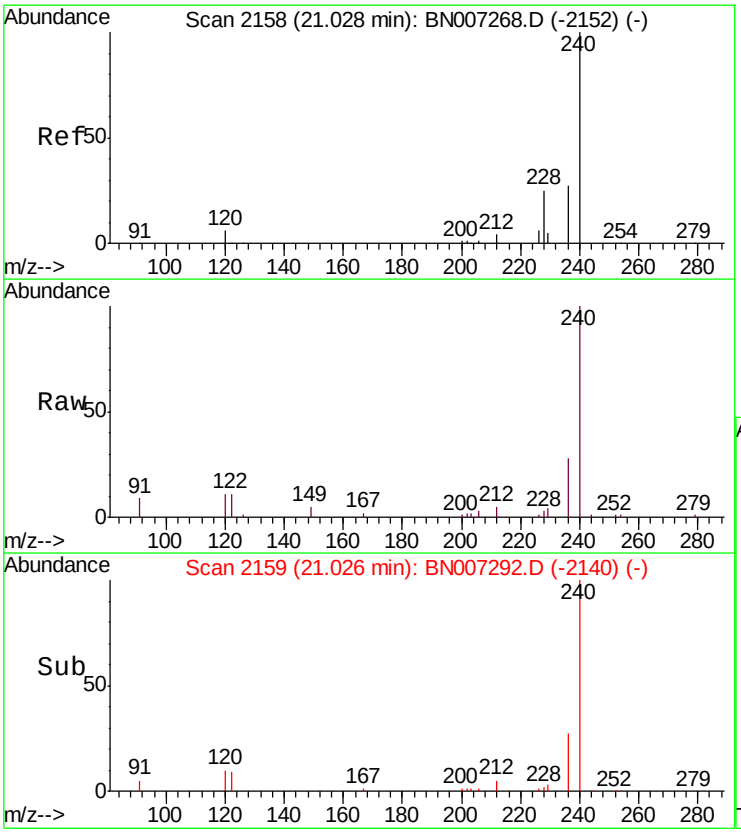

#25
Fluoranthene-d10
Concen: 0.349 ng
RT: 18.85 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

**Instrument :**
BNA_N
**ClientSampleId :**
PB122391BL

Tgt Ion:212 Resp: 29885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 10.6 | 8.2 | 12.4 |
| 104 | 6.0 | 4.7 | 7.1 |

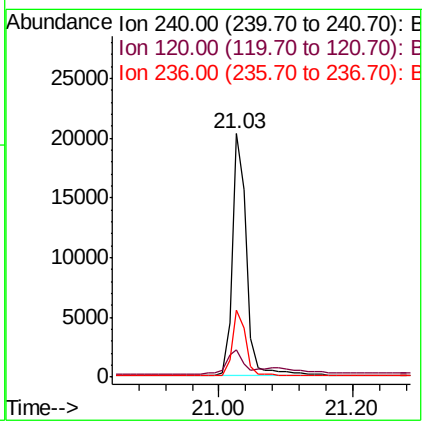


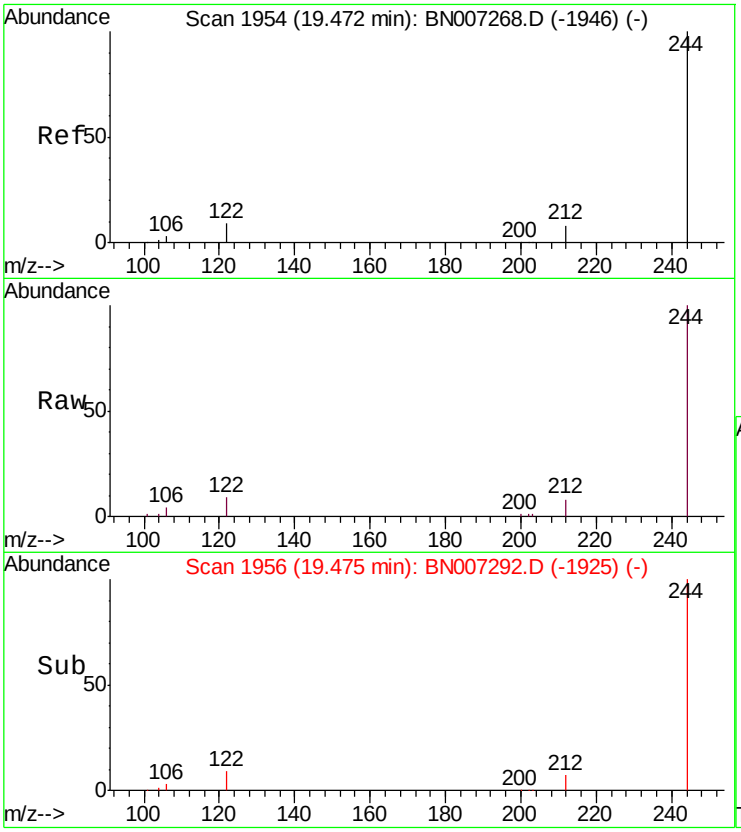




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Tgt Ion:240 Resp: 30142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.5 | 5.6 | 8.4# |
| 236 | 27.6 | 21.6 | 32.4 |



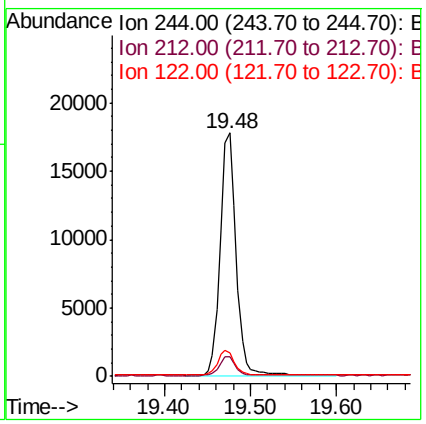


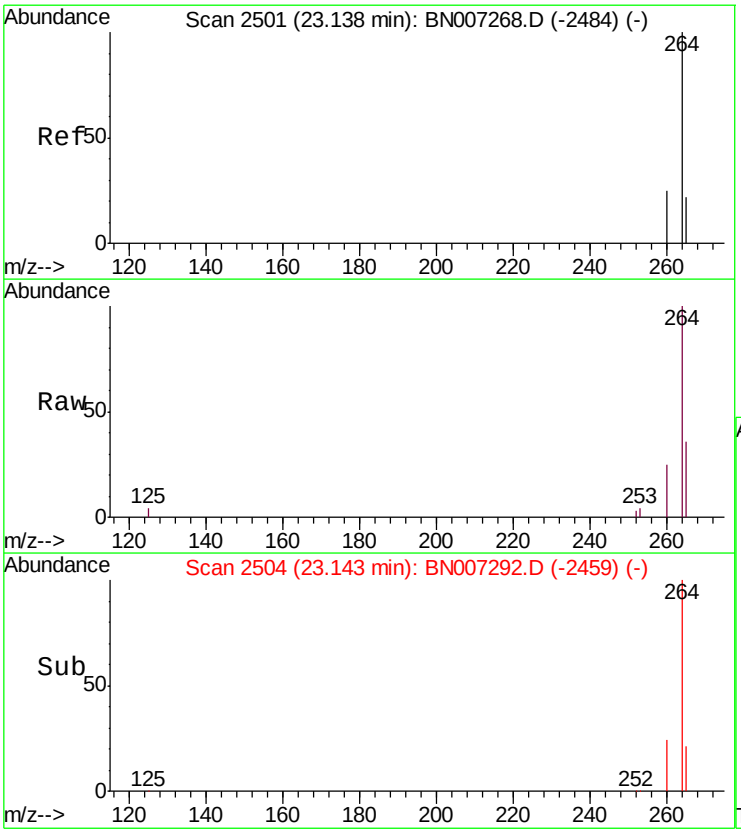

#29
Terphenyl-d14
Concen: 0.303 ng
RT: 19.48 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

**Instrument :**
BNA_N
**ClientSampleId :**
PB122391BL

Tgt Ion:244 Resp: 22816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 6.5 | 9.7 |
| 122 | 9.4 | 7.9 | 11.9 |




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.14 min Scan# 2504
Delta R.T. 0.01 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Tgt Ion:264 Resp: 31233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.7 | 20.1 | 30.1 |
| 265 | 36.0 | 29.0 | 43.6 |