Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072320\
Data File : BN011231.D
Acq On : 22 Jul 2020 23:12
Operator : CG/JU
Sample : L3390-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 23 03:58:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 19:29:31 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.49 | 152 | 1452 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.24 | 136 | 5250 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.12 | 164 | 3287 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 16.87 | 188 | 7782 | 0.40 | ng | 0.00 |
| 29) Chrysene-d12 | 21.09 | 240 | 6768 | 0.40 | ng | -0.01 |
| 36) Perylene-d12 | 23.22 | 264 | 5853 | 0.40 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.15 | 112 | 578 | 0.16 | ng | 0.00 |
| 5) Phenol-d6 | 6.70 | 99 | 405 | 0.10 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.64 | 82 | 2022 | 0.43 | ng | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.84 | 152 | 3073 | 0.36 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.63 | 330 | 560 | 0.38 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.73 | 172 | 7174 | 0.47 | ng | 0.00 |
| 27) Fluoranthene-d10 | 18.91 | 212 | 9826 | 0.40 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.53 | 244 | 11684 | 0.66 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.20 | 88 | 78 | 0.038 | ng | # 54 |
| 20) 4,6-Dinitro-2-methylphenol | 15.28 | 198 | 2 | 0.134 | ng | # 1 |
| 23) Atrazine | 16.03 | 200 | 273 | 0.074 | ng | # 7 |
| 24) Pentachlorophenol | 16.55 | 266 | 37 | 0.020 | ng | # 88 |
| 34) Bis(2-ethylhexyl)phthalate | 21.02 | 149 | 1187 | 0.131 | ng | # 98 |
| 35) Indeno(1,2,3-cd)pyrene | 25.34 | 276 | 58 | Below Cal | | # 72 |

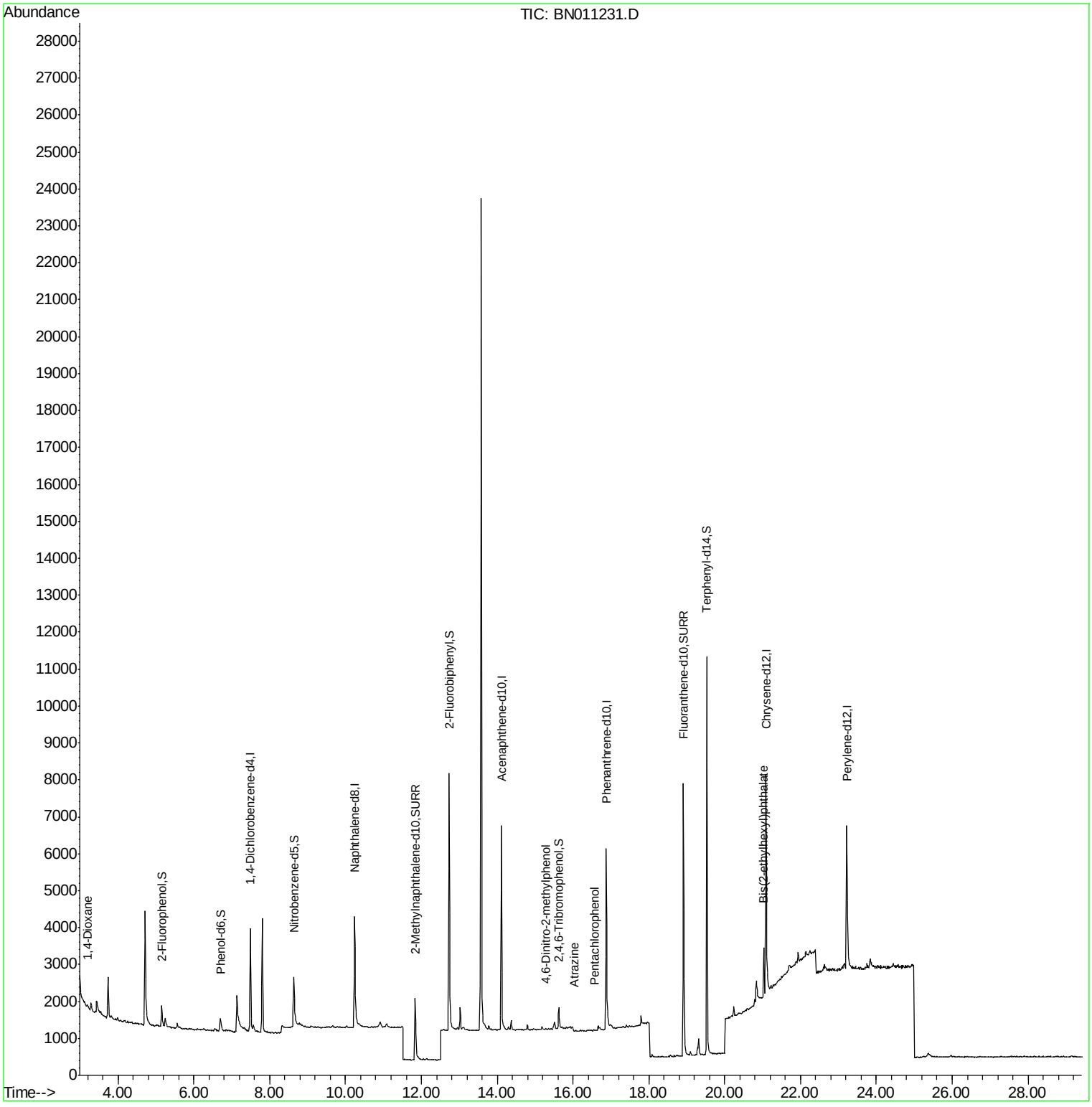
(#) = qualifier out of range (m) = manual integration (+) = signals summed

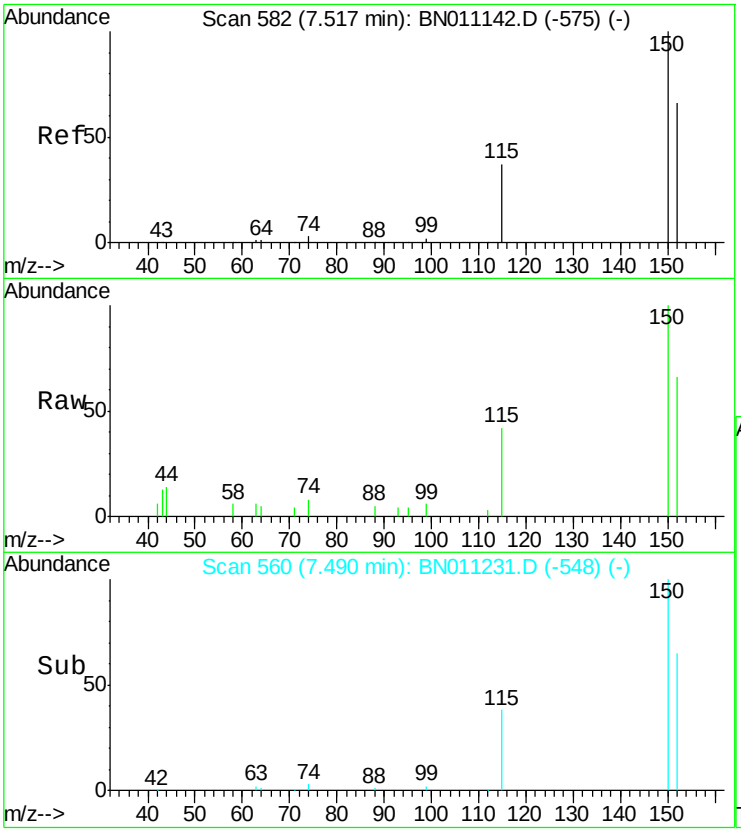
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072320\
Data File : BN011231.D
Acq On : 22 Jul 2020 23:12
Operator : CG/JU
Sample : L3390-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 23 03:58:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 19:29:31 2020
Response via : Initial Calibration



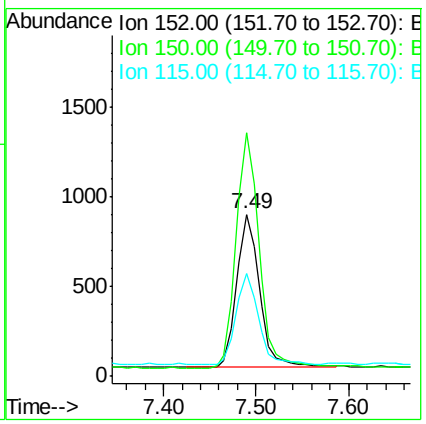


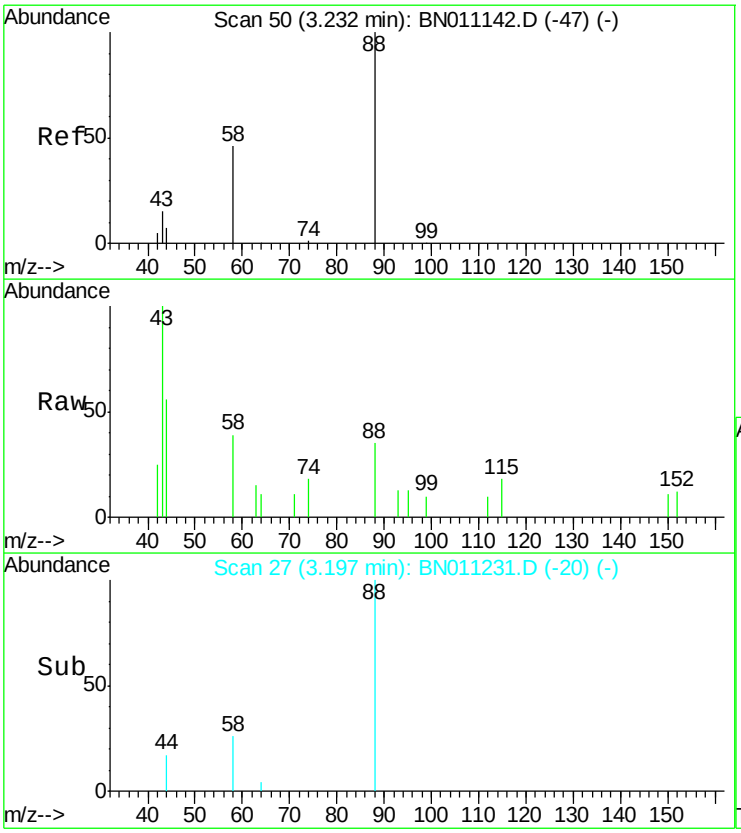

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.49 min Scan# 560
Delta R.T. 0.00 min
Lab File: BN011231.D
Acq: 22 Jul 2020 23:12

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

Tgt Ion:152 Resp: 1452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 150.6 | 119.4 | 179.0 |
| 115 | 63.3 | 48.3 | 72.5 |

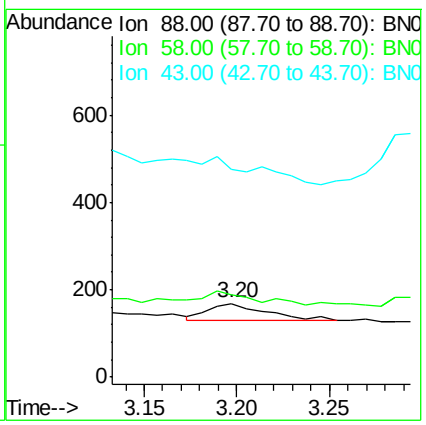


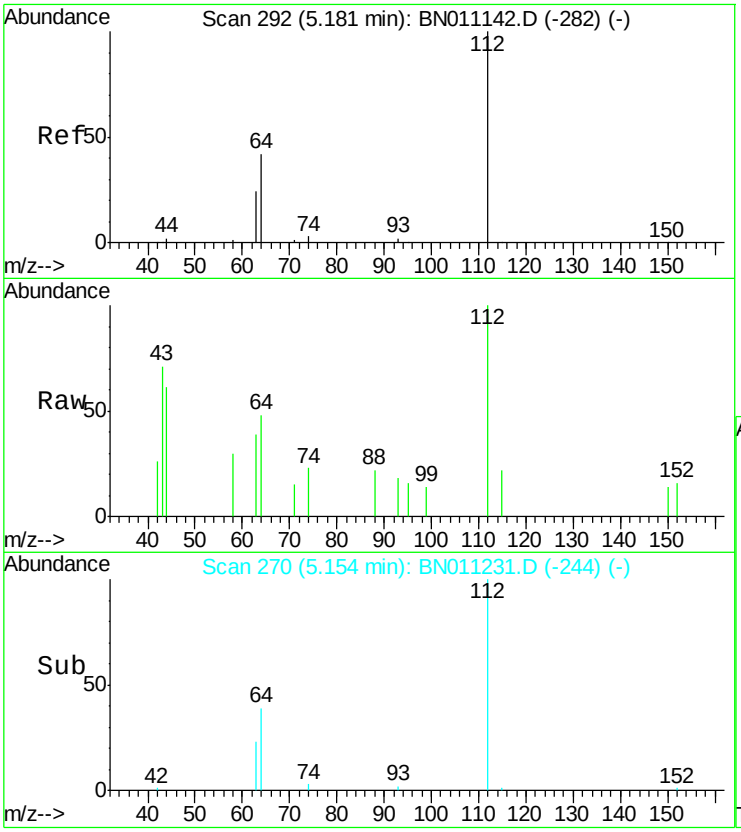




#2
1,4-Dioxane
Concen: 0.038 ng
RT: 3.20 min Scan# 27
Delta R.T. 0.01 min
Lab File: BN011231.D
Acq: 22 Jul 2020 23:12

Tgt Ion: 88 Resp: 78

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 76.9 | 36.5 | 54.7# |
| 43 | 0.0 | 14.3 | 21.5# |



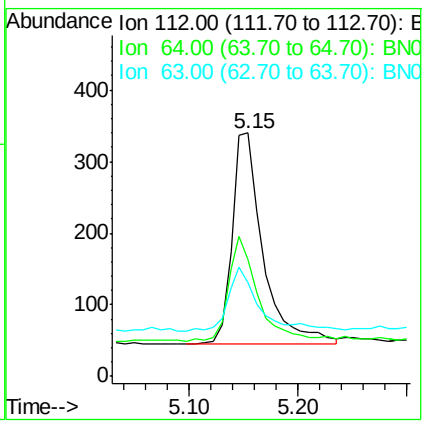


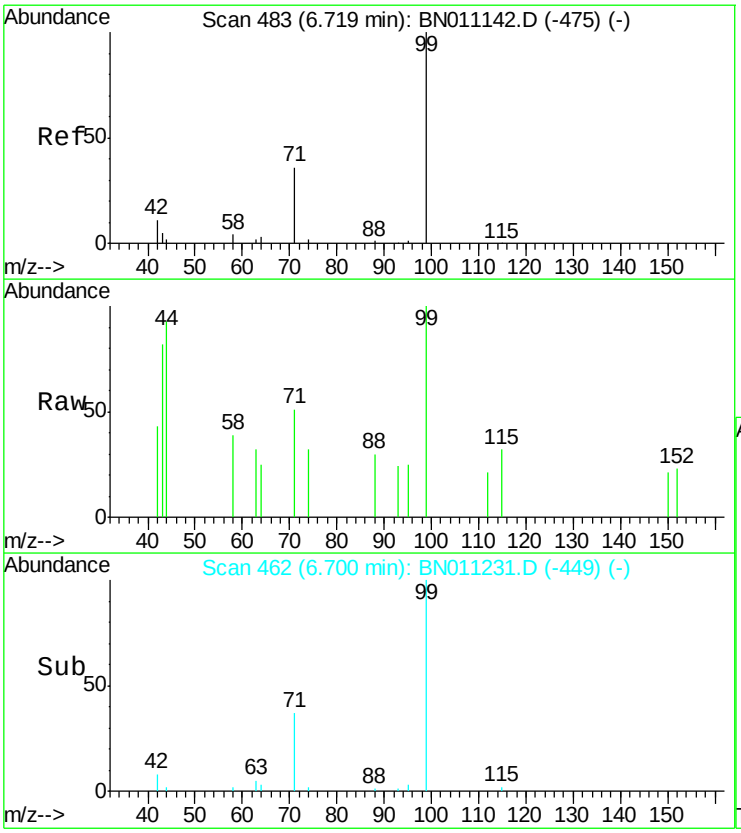

#4
2-Fluorophenol
Concen: 0.161 ng
RT: 5.15 min Scan# 270
Delta R.T. 0.01 min
Lab File: BN011231.D
Acq: 22 Jul 2020 23:12

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

Tgt Ion:112 Resp: 578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 47.6 | 36.7 | 55.1 |
| 63 | 31.3 | 20.4 | 30.6# |

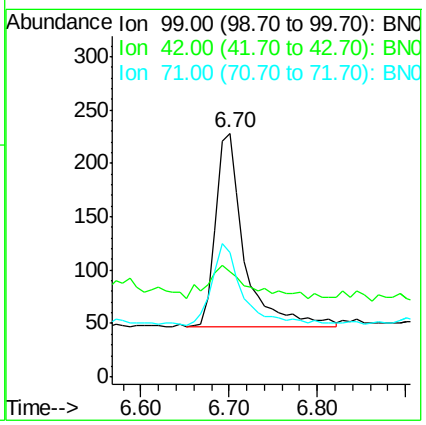


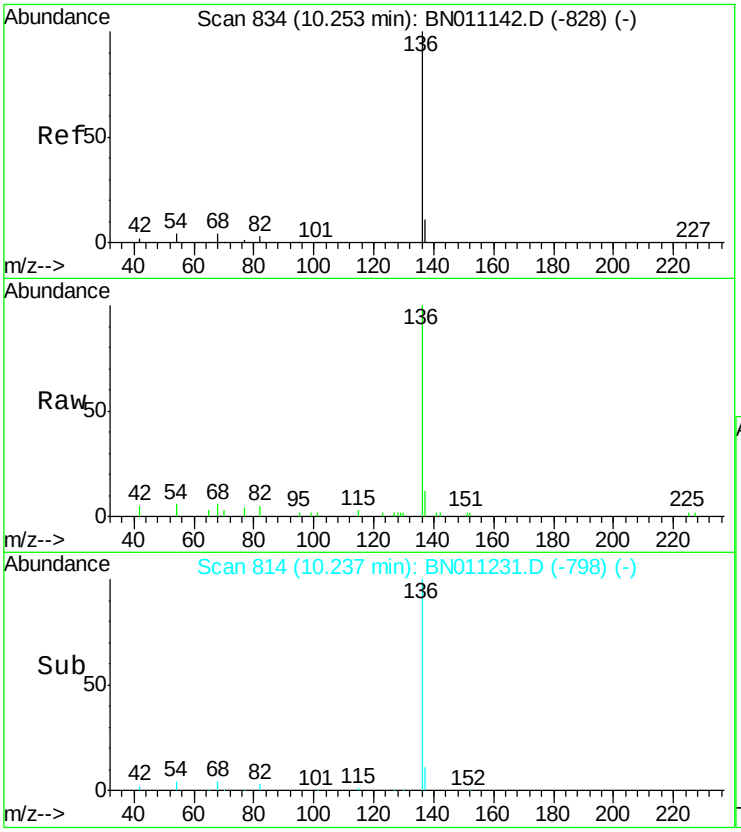




#5
Phenol-d6
Concen: 0.100 ng
RT: 6.70 min Scan# 462
Delta R.T. 0.01 min
Lab File: BN011231.D
Acq: 22 Jul 2020 23:12

Tgt Ion: 99 Resp: 405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 25.7 | 10.8 | 16.2# |
| 71 | 45.4 | 31.3 | 46.9 |



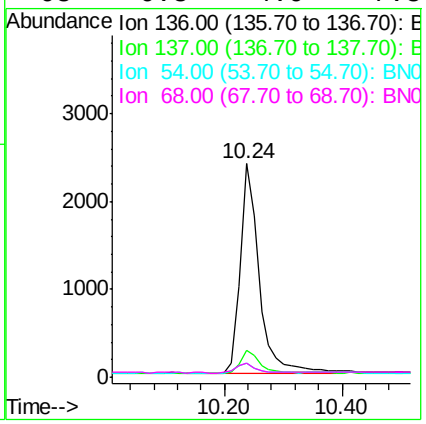


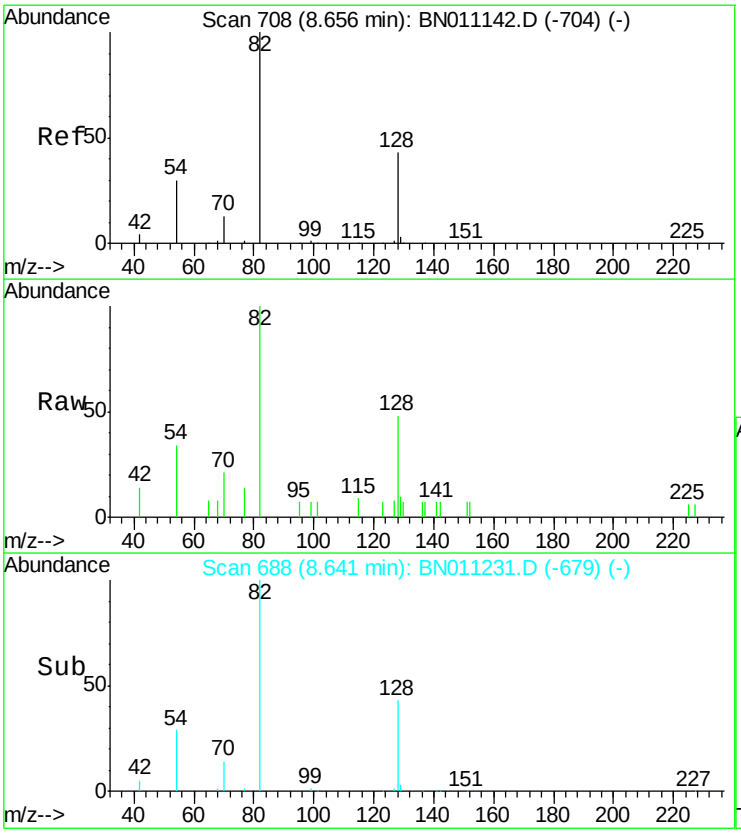

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.24 min Scan# 814
Delta R.T. 0.00 min
Lab File: BN011231.D
Acq: 22 Jul 2020 23:12

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

Tgt Ion:136 Resp: 5250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.5 | 10.3 | 15.5 |
| 54 | 6.3 | 4.9 | 7.3 |
| 68 | 6.3 | 4.9 | 7.3 |

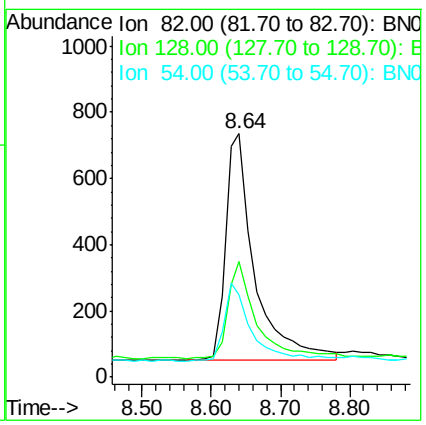


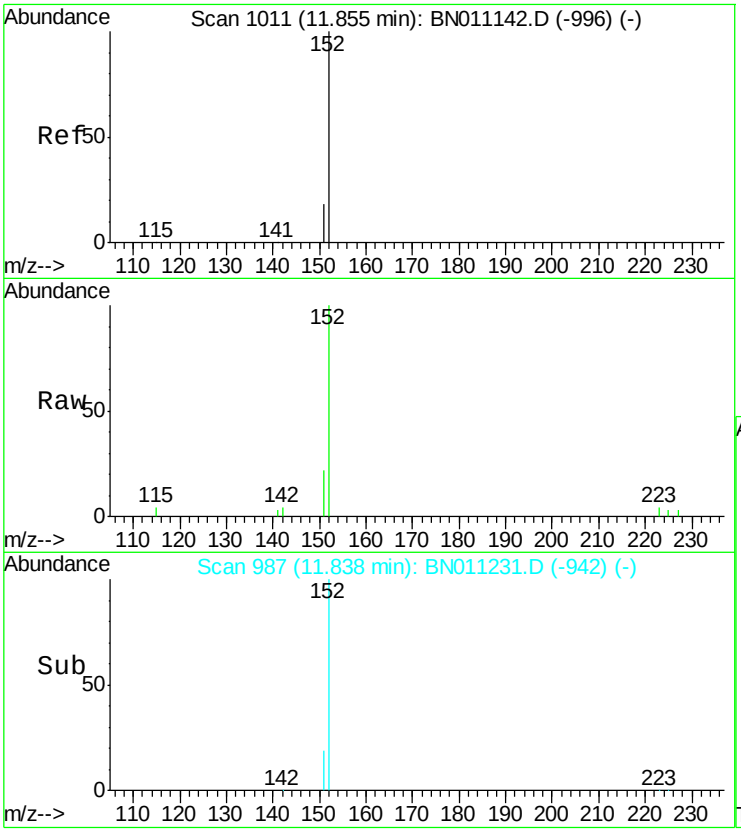




#8
Nitrobenzene-d5
Concen: 0.435 ng
RT: 8.64 min Scan# 688
Delta R.T. 0.01 min
Lab File: BN011231.D
Acq: 22 Jul 2020 23:12

Tgt Ion: 82 Resp: 2022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.6 | 38.1 | 57.1 |
| 54 | 33.7 | 27.1 | 40.7 |



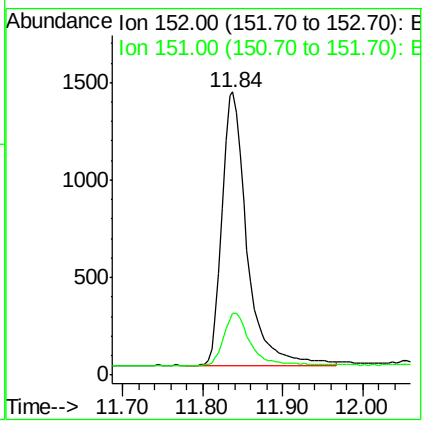


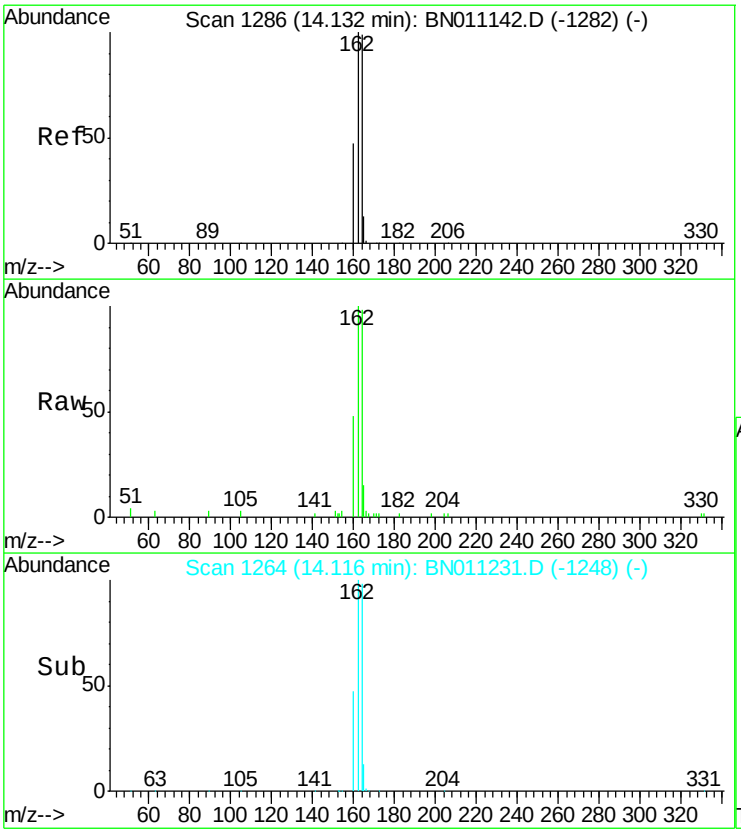

#11
2-Methylnaphthalene-d10
Concen: 0.361 ng
RT: 11.84 min Scan# 987
Delta R.T. 0.00 min
Lab File: BN011231.D
Acq: 22 Jul 2020 23:12

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

Tgt Ion:152 Resp: 3073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.5 | 24.7 |

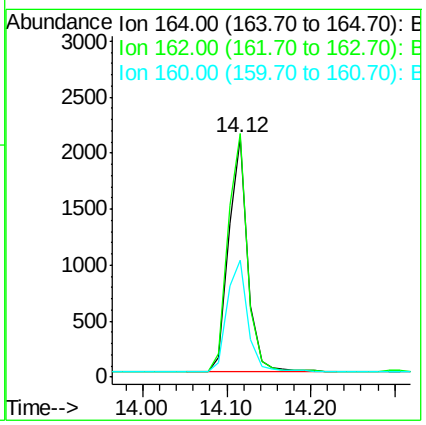


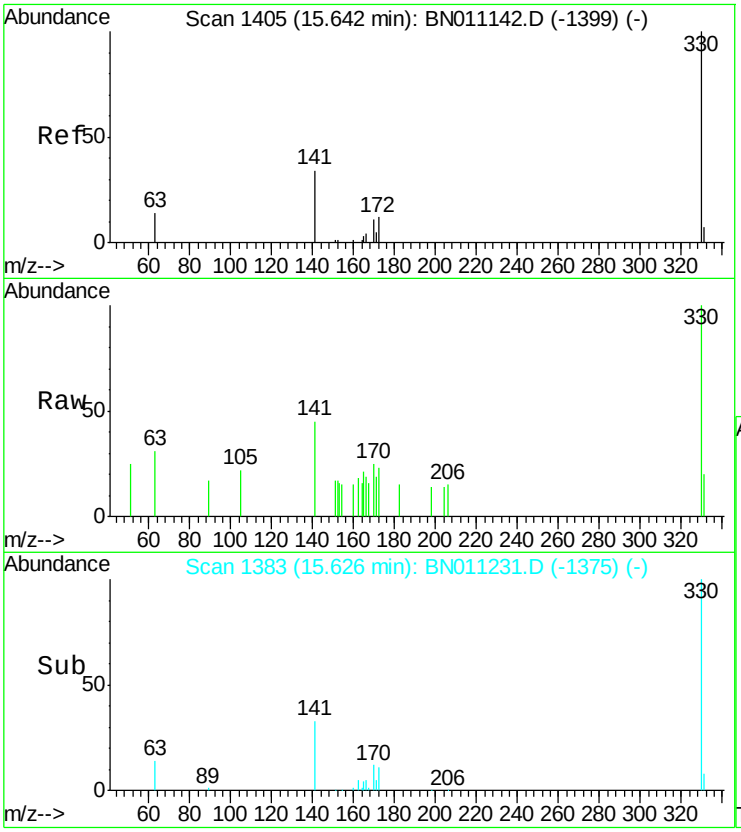




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.12 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BN011231.D
Acq: 22 Jul 2020 23:12

Tgt Ion:164 Resp: 3287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.6 | 81.0 | 121.4 |
| 160 | 48.8 | 39.0 | 58.6 |



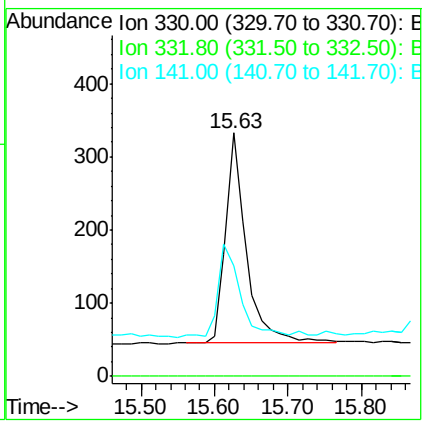


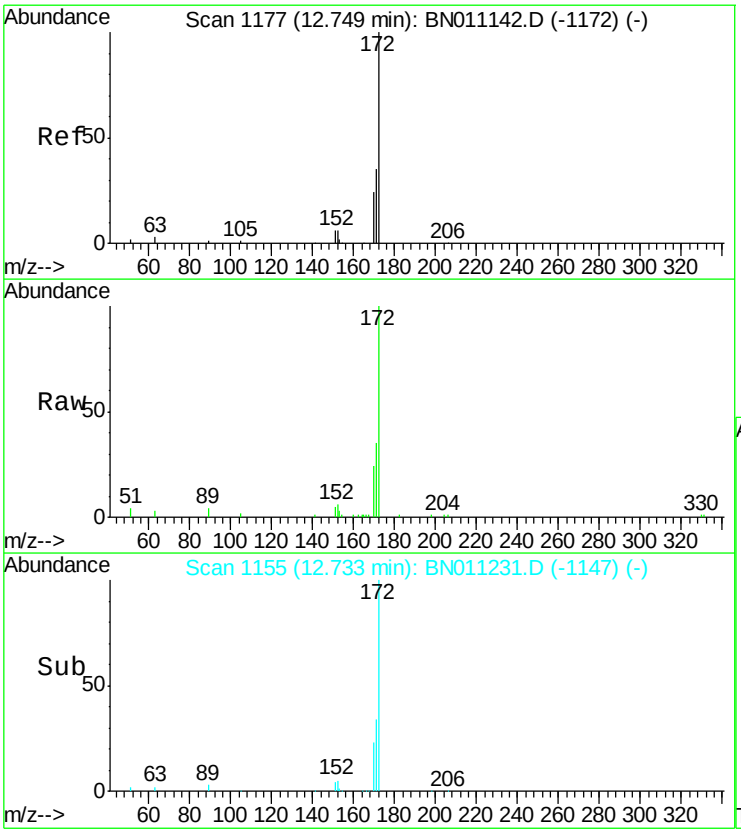

#14
2,4,6-Tribromophenol
Concen: 0.384 ng
RT: 15.63 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BN011231.D
Acq: 22 Jul 2020 23:12

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

Tgt Ion:330 Resp: 560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 48.6 | 31.5 | 47.3# |

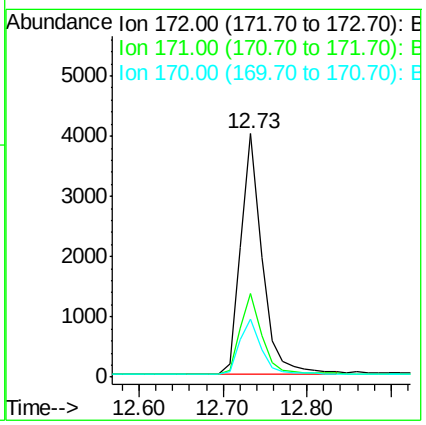


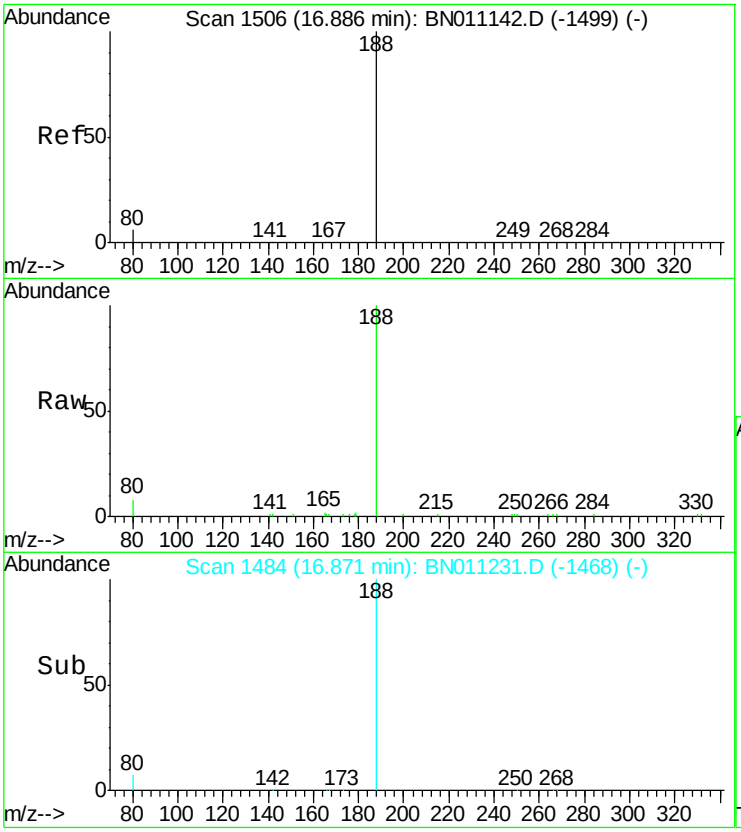




#15
2-Fluorobiphenyl
Concen: 0.466 ng
RT: 12.73 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BN011231.D
Acq: 22 Jul 2020 23:12

Tgt Ion:172 Resp: 7174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.6 | 29.0 | 43.6 |
| 170 | 23.9 | 20.3 | 30.5 |



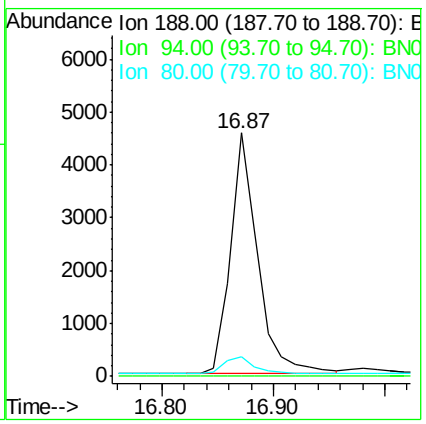


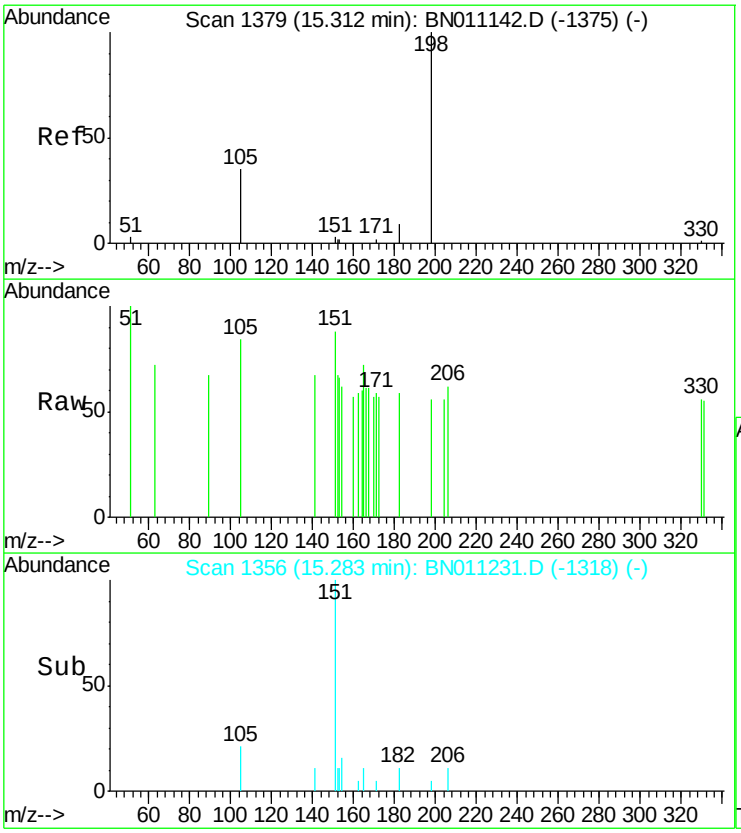

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.87 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BN011231.D
Acq: 22 Jul 2020 23:12

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

Tgt Ion:188 Resp: 7782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 8.1 | 6.3 | 9.5 |

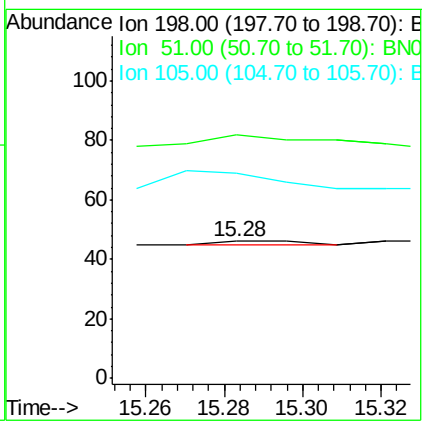


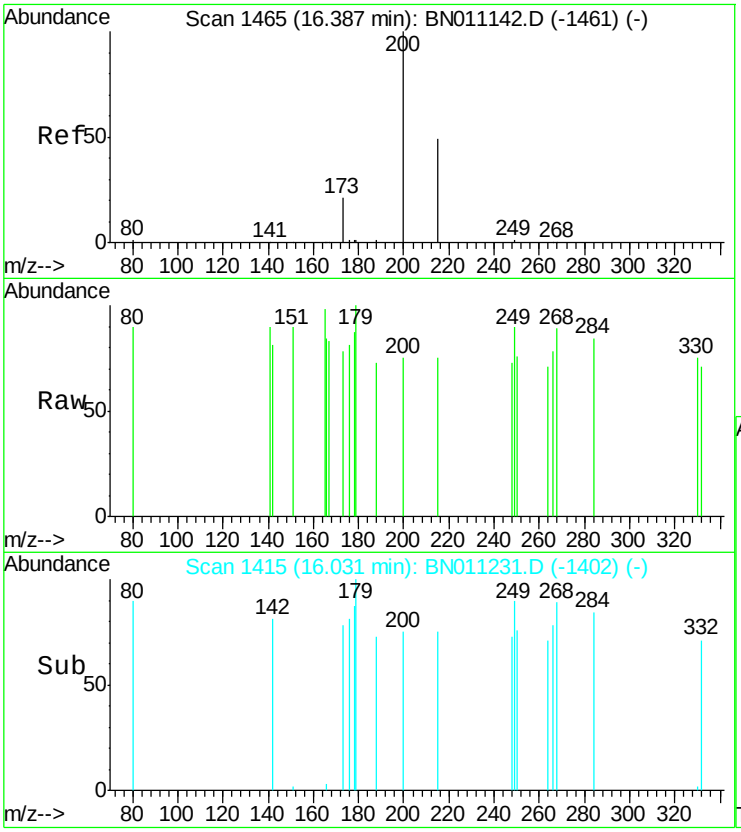




#20
4,6-Dinitro-2-methylphenol
Concen: 0.134 ng
RT: 15.28 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BN011231.D
Acq: 22 Jul 2020 23:12

Tgt Ion:198 Resp: 2

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 178.3 | 53.1 | 79.7# |
| 105 | 150.0 | 51.9 | 77.9# |



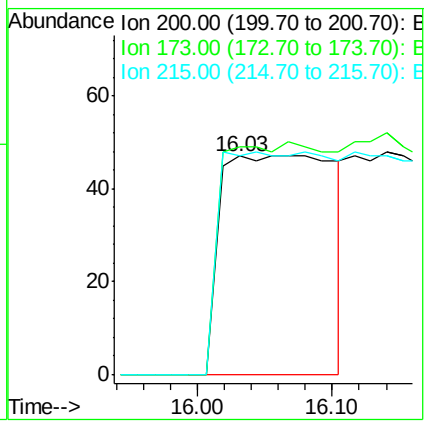


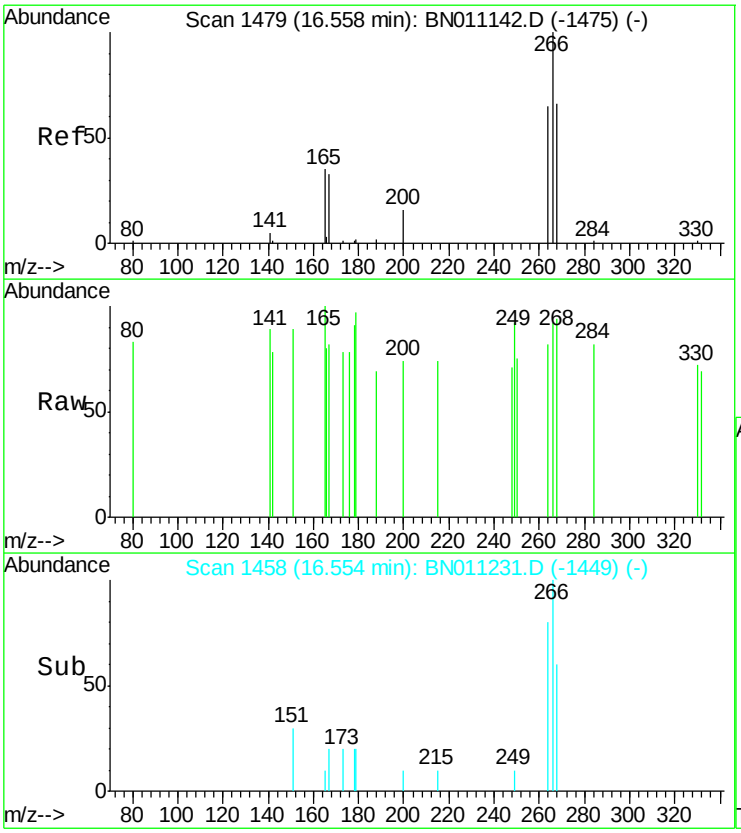

#23
Atrazine
Concen: 0.074 ng
RT: 16.03 min Scan# 1415
Delta R.T. -0.34 min
Lab File: BN011231.D
Acq: 22 Jul 2020 23:12

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

Tgt Ion:200 Resp: 273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 104.3 | 23.0 | 34.4# |
| 215 | 100.0 | 42.6 | 63.8# |

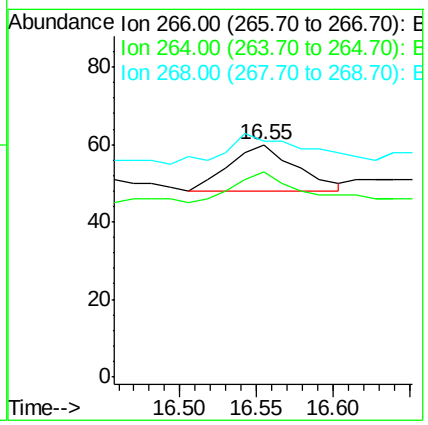


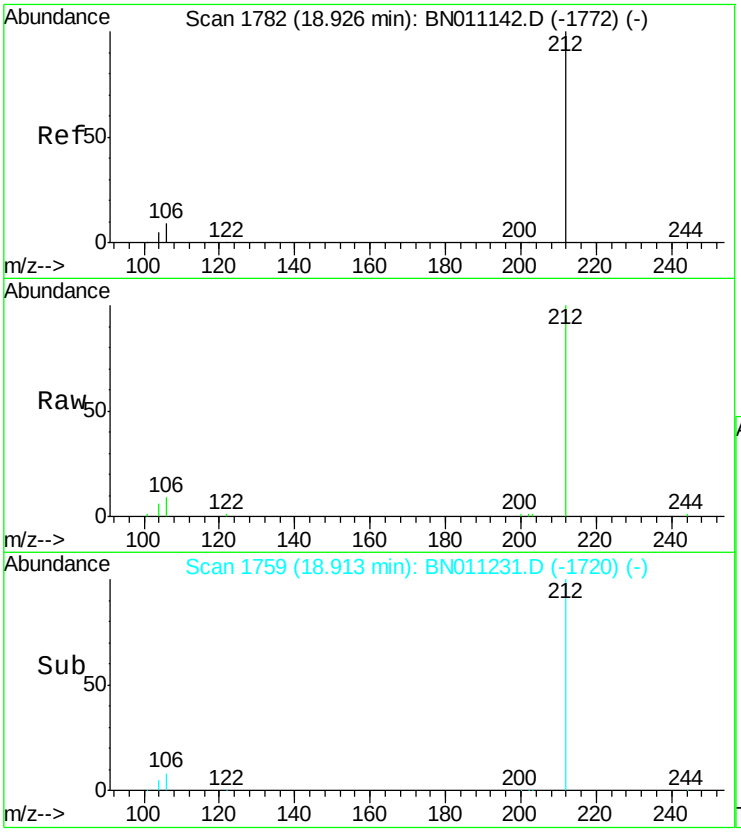




#24
Pentachlorophenol
Concen: 0.020 ng
RT: 16.55 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BN011231.D
Acq: 22 Jul 2020 23:12

Tgt Ion:266 Resp: 37

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 67.6 | 52.5 | 78.7 |
| 268 | 78.4 | 48.9 | 73.3# |



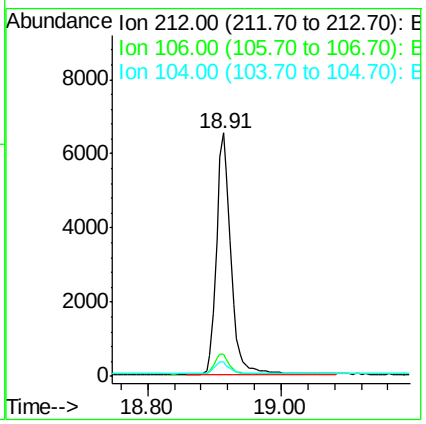


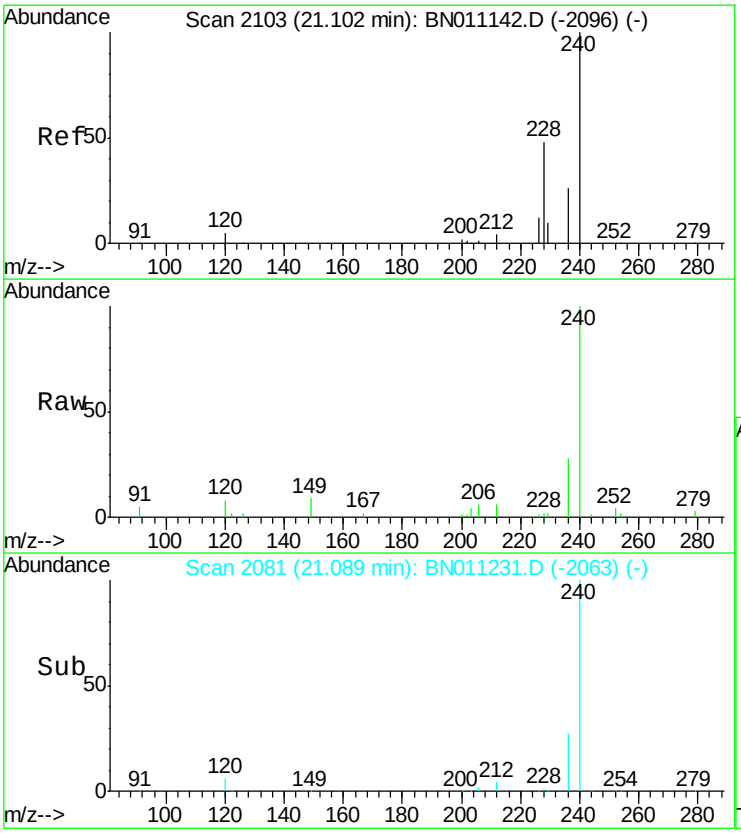

#27
Fluoranthene-d10
Concen: 0.401 ng
RT: 18.91 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BN011231.D
Acq: 22 Jul 2020 23:12

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

Tgt Ion:212 Resp: 9826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 8.3 | 7.0 | 10.6 |
| 104 | 4.9 | 4.2 | 6.4 |

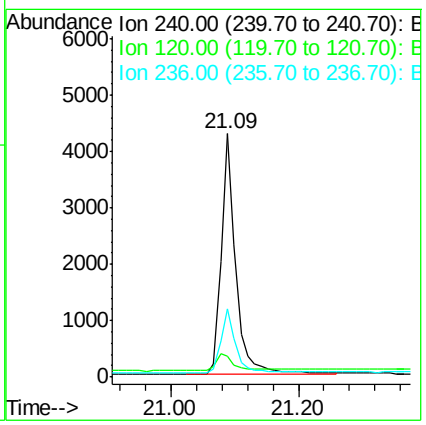


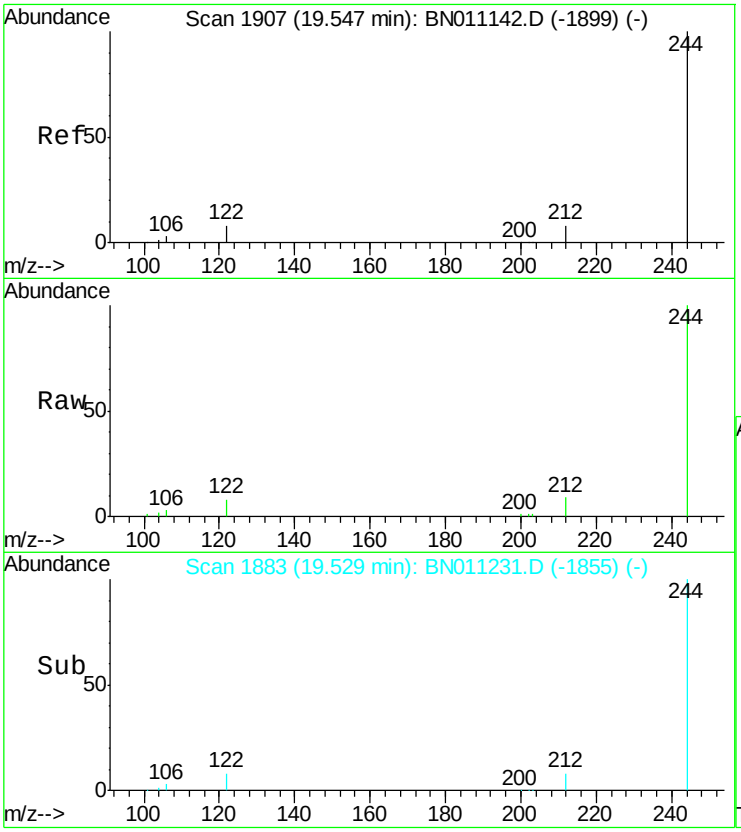




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.09 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BN011231.D
Acq: 22 Jul 2020 23:12

Tgt Ion:240 Resp: 6768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.4 | 6.5 | 9.7 |
| 236 | 28.0 | 21.9 | 32.9 |



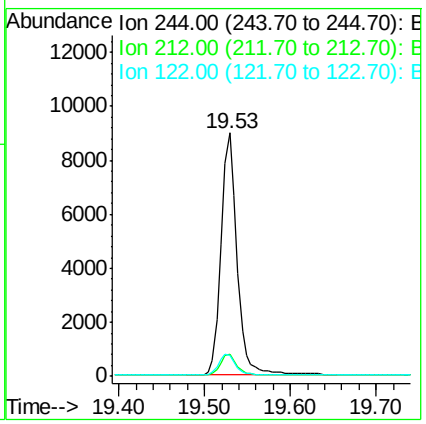


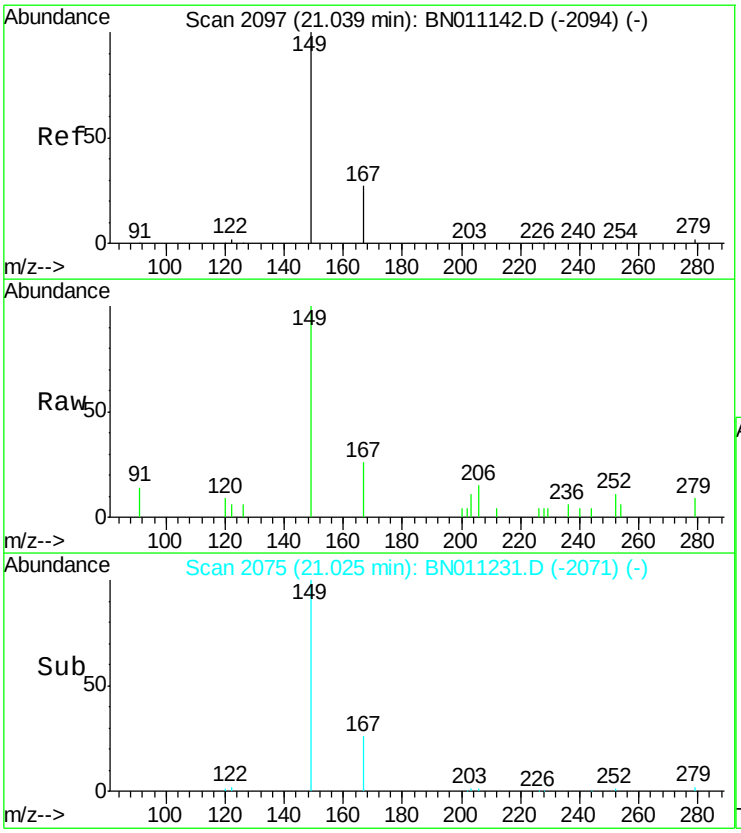

#31
Terphenyl-d14
Concen: 0.663 ng
RT: 19.53 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BN011231.D
Acq: 22 Jul 2020 23:12

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

Tgt Ion:244 Resp: 11684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.9 | 7.8 | 11.6 |
| 122 | 8.5 | 7.4 | 11.0 |

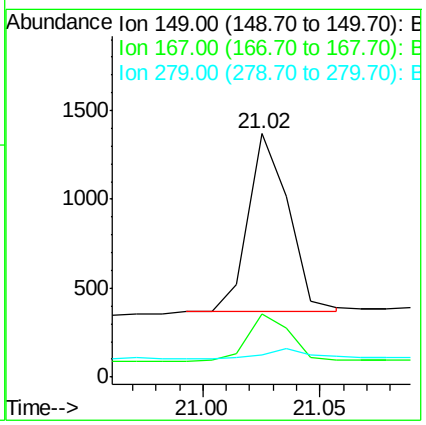


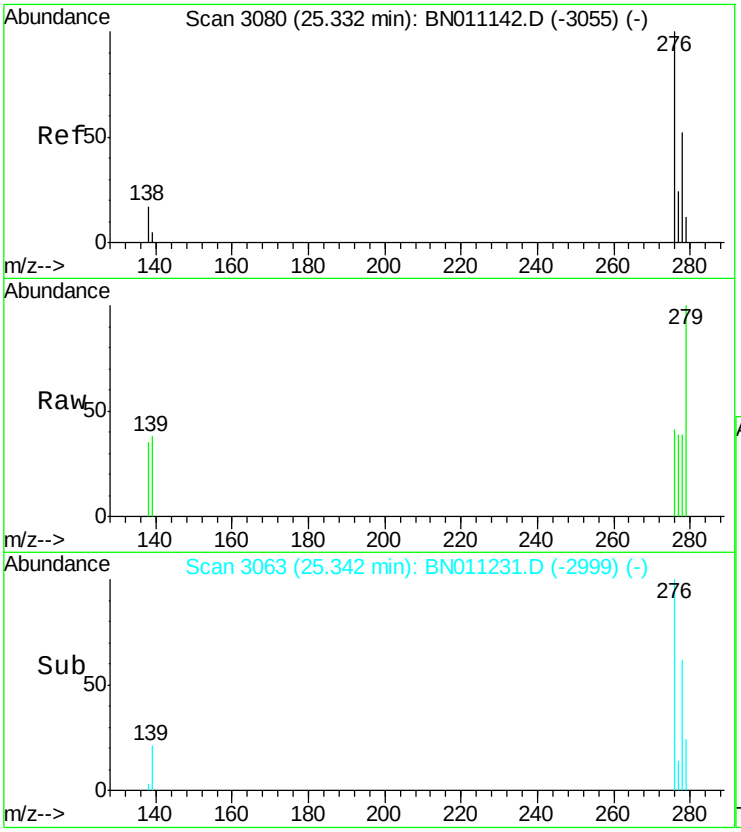




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.131 ng
RT: 21.02 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BN011231.D
Acq: 22 Jul 2020 23:12

Tgt Ion:149 Resp: 1187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.5 | 23.4 | 35.0 |
| 279 | 6.8 | 4.5 | 6.7# |



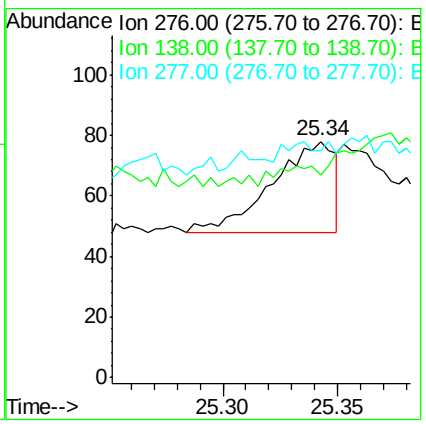


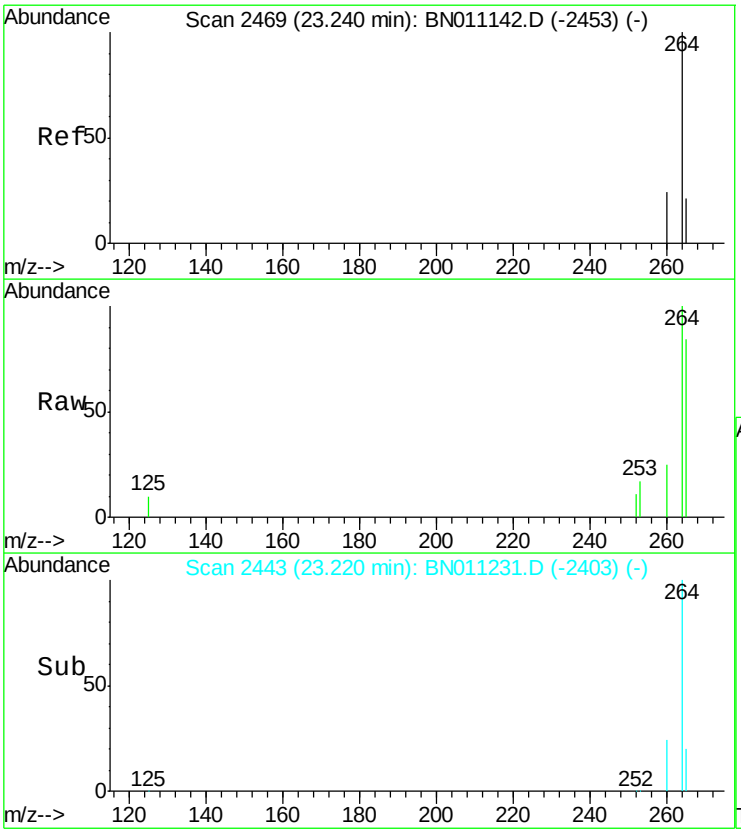

#35
Indeno(1,2,3-cd)pyrene
Concen: Below Cal
RT: 25.34 min Scan# 3063
Delta R.T. 0.02 min
Lab File: BN011231.D
Acq: 22 Jul 2020 23:12

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

Tgt Ion:276 Resp: 58

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 15.5 | 13.0 | 19.6 |
| 277 | 1.7 | 19.7 | 29.5# |




#36
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BN011231.D
Acq: 22 Jul 2020 23:12

Tgt Ion:264 Resp: 5853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.4 | 20.1 | 30.1 |
| 265 | 83.7 | 76.6 | 115.0 |