Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\
Data File : BN008026.D
Acq On : 05 Oct 2019 15:16
Operator : JU
Sample : K5078-19RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** PST-024-SW134-092519

Quant Time: Oct 07 00:14:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.68 | 152 | 5143 | 0.40 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.44 | 136 | 19611 | 0.40 | ng | | -0.03 |
| 13) Acenaphthene-d10 | 14.30 | 164 | 12581 | 0.40 | ng | | -0.02 |
| 19) Phenanthrene-d10 | 17.05 | 188 | 25255 | 0.40 | ng | | -0.02 |
| 27) Chrysene-d12 | 21.25 | 240 | 26180 | 0.40 | ng | | -0.02 |
| 34) Perylene-d12 | 23.46 | 264 | 27858 | 0.40 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.31 | 112 | 3593 | 0.20 | ng | | 0.00 |
| 5) Phenol-d6 | 6.88 | 99 | 4598 | 0.21 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.82 | 82 | 4386 | 0.26 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.04 | 152 | 7894 | 0.24 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 15.81 | 330 | 1484 | 0.22 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.92 | 172 | 10345 | 0.20 | ng | | -0.02 |
| 25) Fluoranthene-d10 | 19.09 | 212 | 18714 | 0.22 | ng | | -0.02 |
| 29) Terphenyl-d14 | 19.69 | 244 | 14966 | 0.23 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 3) n-Nitrosodimethylamine | 2.98 | 42 | 7491 | 2.853 | ng | # | 83 |
| 9) Naphthalene | 10.49 | 128 | 2993 | 0.054 | ng | # | 87 |
| 12) 2-Methylnaphthalene | 12.12 | 142 | 1188 | 0.032 | ng | # | 88 |
| 16) Acenaphthylene | 14.02 | 152 | 2222 | 0.033 | ng | | 98 |
| 17) Acenaphthene | 14.37 | 154 | 7886 | 0.183 | ng | | 99 |
| 18) Fluorene | 15.36 | 166 | 10745 | 0.195 | ng | | 95 |
| 23) Phenanthrene | 17.09 | 178 | 211149 | 2.684 | ng | | 100 |
| 24) Anthracene | 17.19 | 178 | 13642 | 0.192 | ng | # | 88 |
| 26) Fluoranthene | 19.12 | 202 | 300436 | 3.071 | ng | | 99 |
| 28) Pyrene | 19.48 | 202 | 224031 | 2.509 | ng | # | 96 |
| 30) Benzo(a)anthracene | 21.24 | 228 | 97648 | 1.013 | ng | | 98 |
| 31) Chrysene | 21.28 | 228 | 99705 | 1.061 | ng | | 97 |
| 32) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 6278 | 0.127 | ng | # | 98 |
| 33) Indeno(1,2,3-cd)pyrene | 25.67 | 276 | 61253 | 0.521 | ng | # | 94 |
| 35) Benzo(b)fluoranthene | 22.81 | 252 | 132128 | 1.366 | ng | # | 95 |
| 36) Benzo(k)fluoranthene | 22.81 | 252 | 132128 | 1.382 | ng | # | 96 |
| 37) Benzo(a)pyrene | 23.37 | 252 | 80988 | 0.891 | ng | # | 94 |
| 38) Dibenzo(a,h)anthracene | 25.68 | 278 | 14764 | 0.159 | ng | # | 63 |
| 39) Benzo(g,h,i)perylene | 26.35 | 276 | 56577 | 0.615 | ng | | 96 |

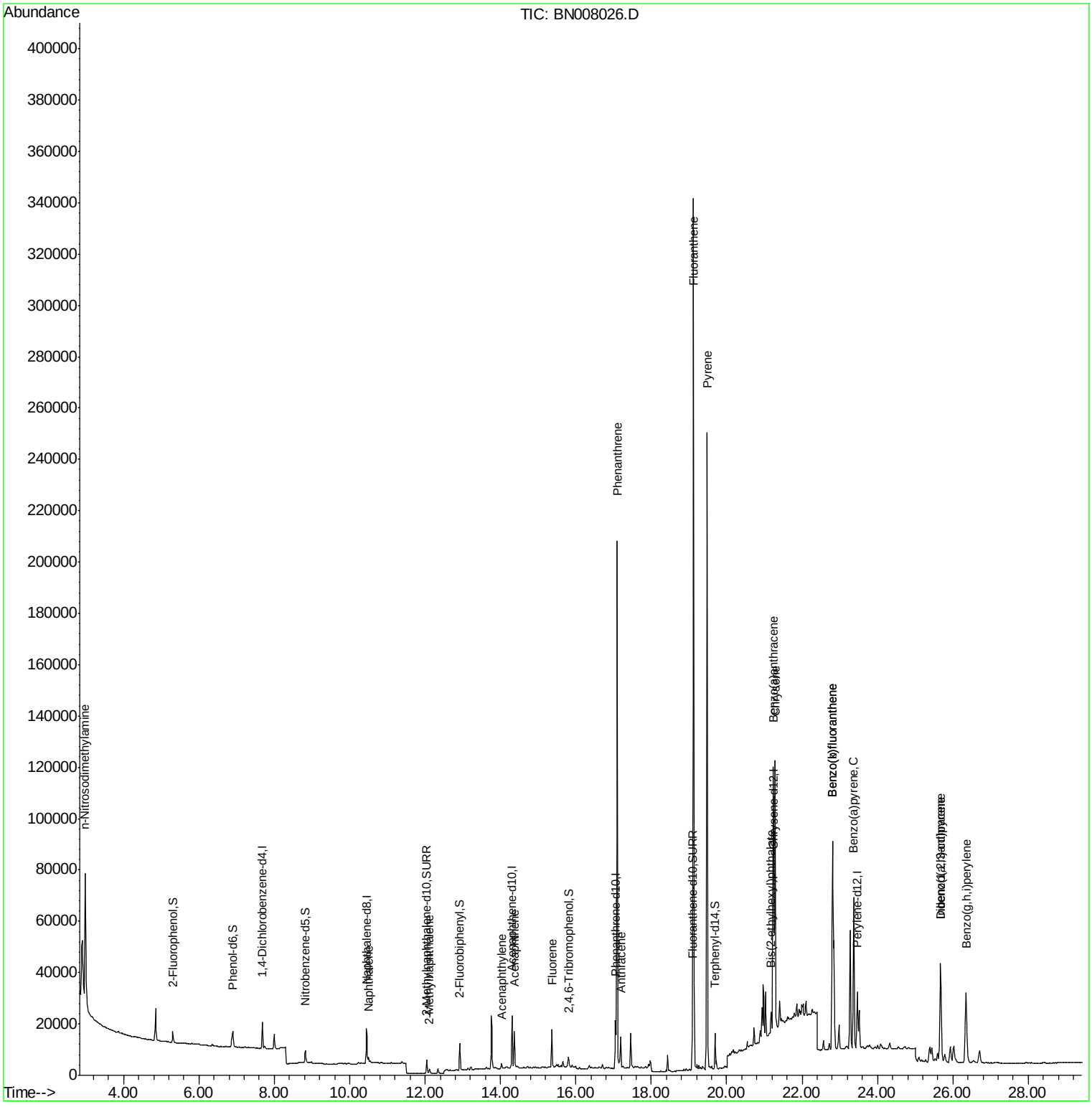
(#) = qualifier out of range (m) = manual integration (+) = signals summed

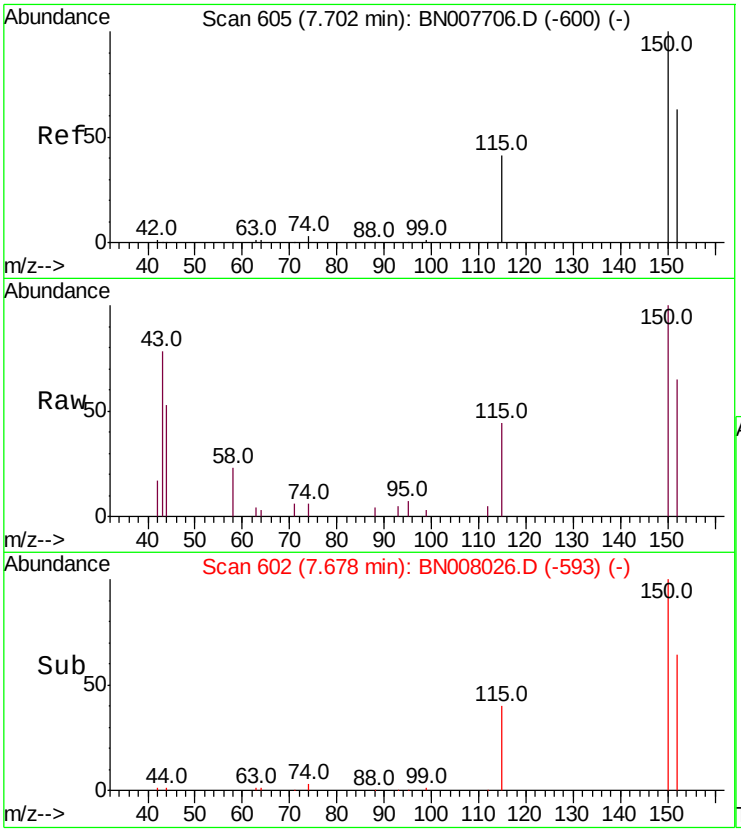
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\
Data File : BN008026.D
Acq On : 05 Oct 2019 15:16
Operator : JU
Sample : K5078-19RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519

Quant Time: Oct 07 00:14:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration



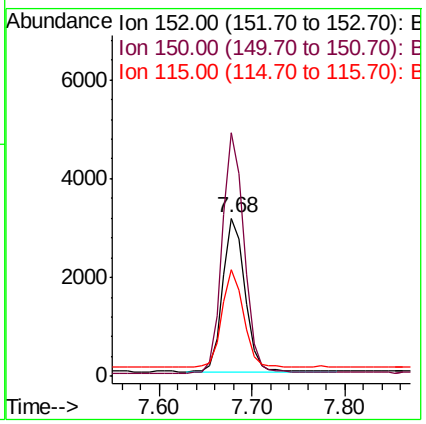


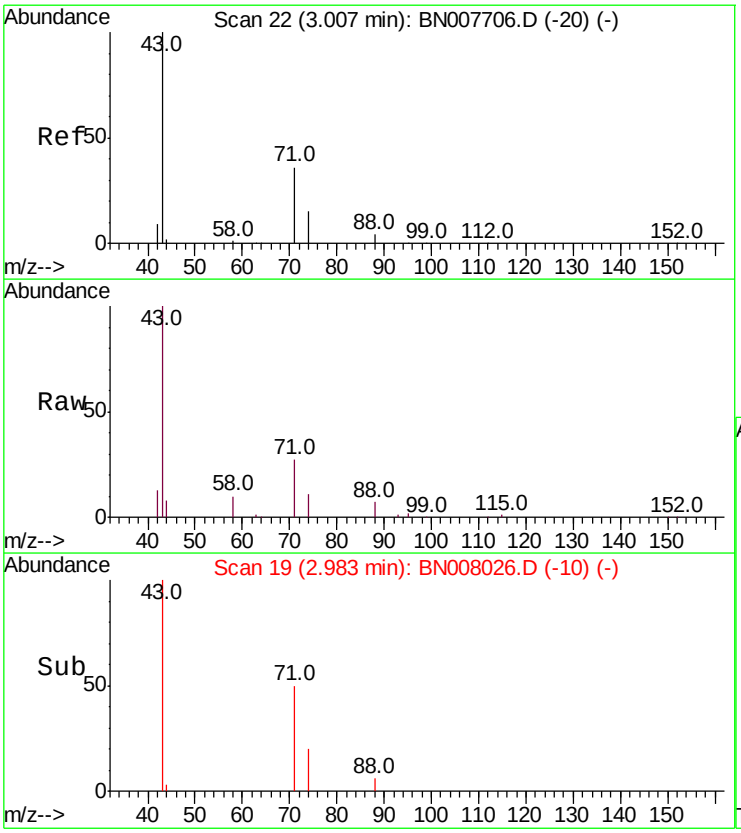

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 602
Delta R.T. -0.02 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519

Tgt Ion:152 Resp: 5143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.9 | 125.6 | 188.4 |
| 115 | 67.1 | 53.3 | 79.9 |

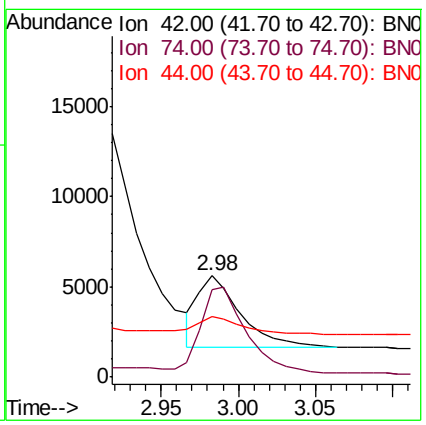


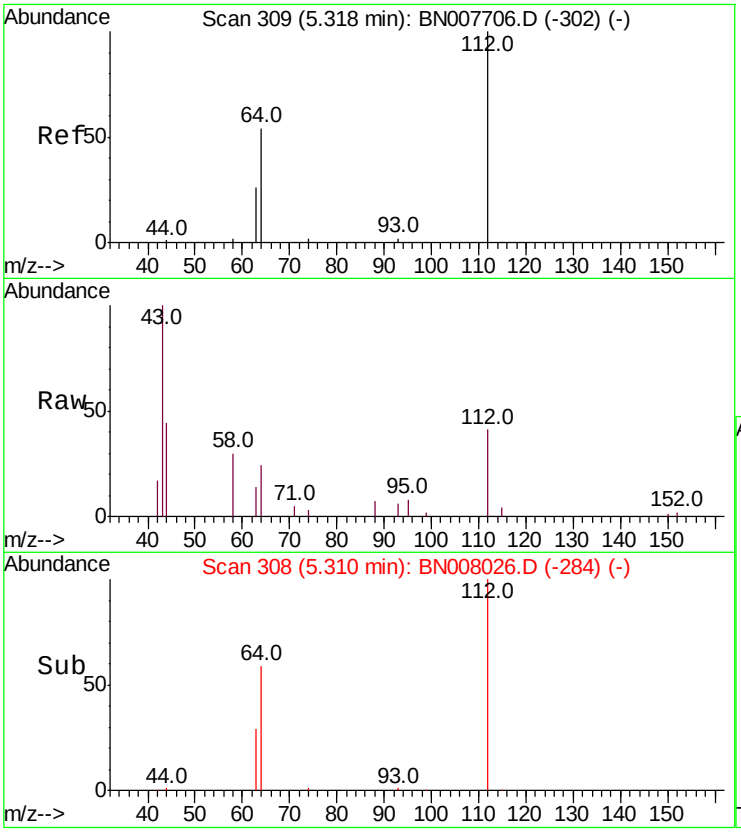




#3
n-Nitrosodimethylamine
Concen: 2.853 ng
RT: 2.98 min Scan# 19
Delta R.T. -0.02 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

Tgt Ion: 42 Resp: 7491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 128.5 | 87.9 | 131.9 |
| 44 | 27.4 | 29.4 | 44.0# |



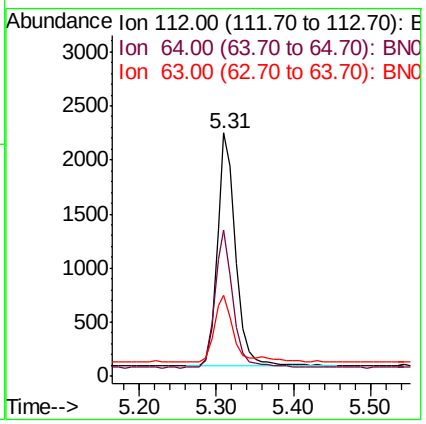


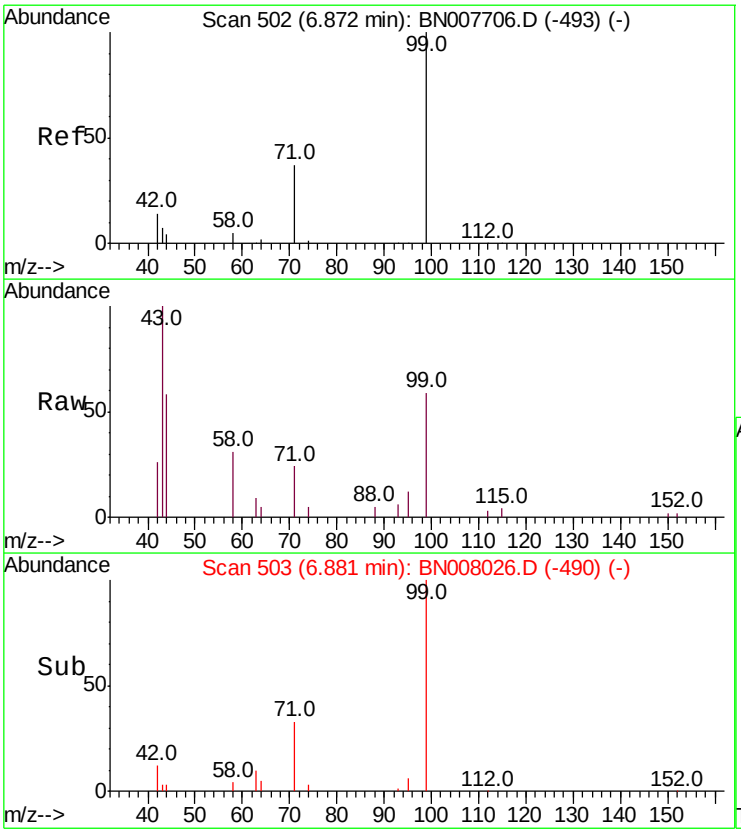

#4
2-Fluorophenol
Concen: 0.203 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519

Tgt Ion:112 Resp: 3593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.2 | 46.6 | 70.0 |
| 63 | 28.9 | 23.1 | 34.7 |

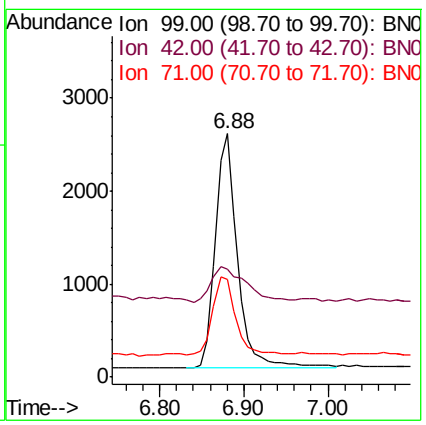


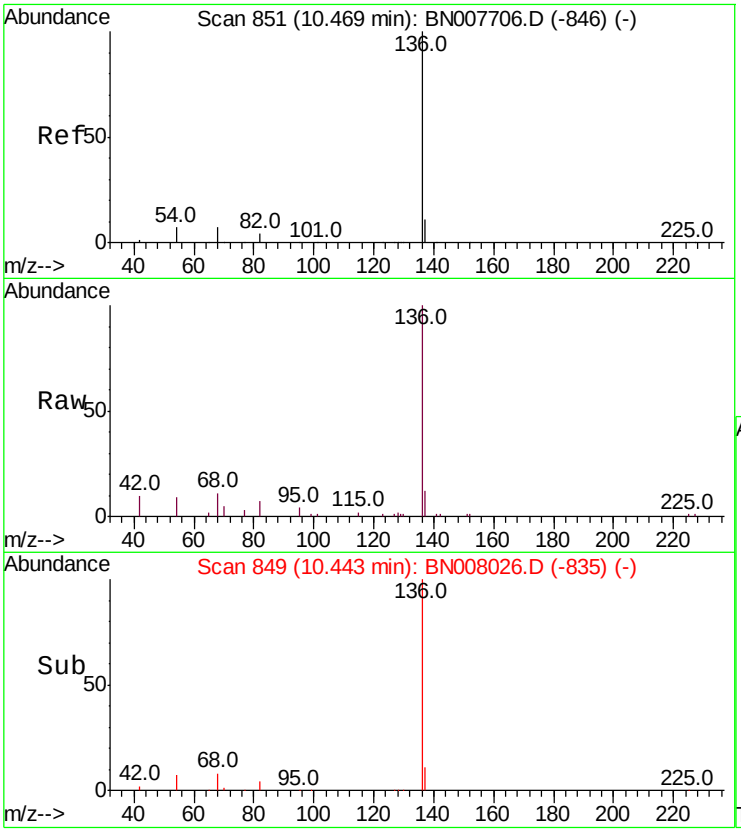




#5
Phenol-d6
Concen: 0.205 ng
RT: 6.88 min Scan# 503
Delta R.T. 0.01 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

Tgt Ion: 99 Resp: 4598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.8 | 12.8 | 19.2# |
| 71 | 35.4 | 27.6 | 41.4 |



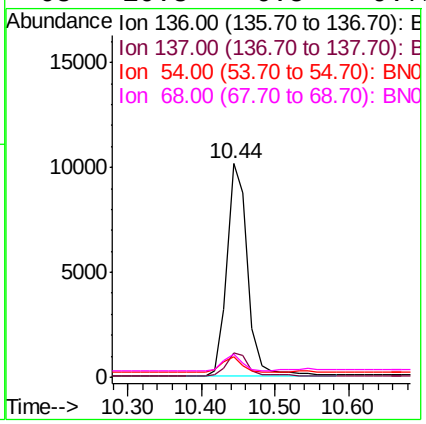


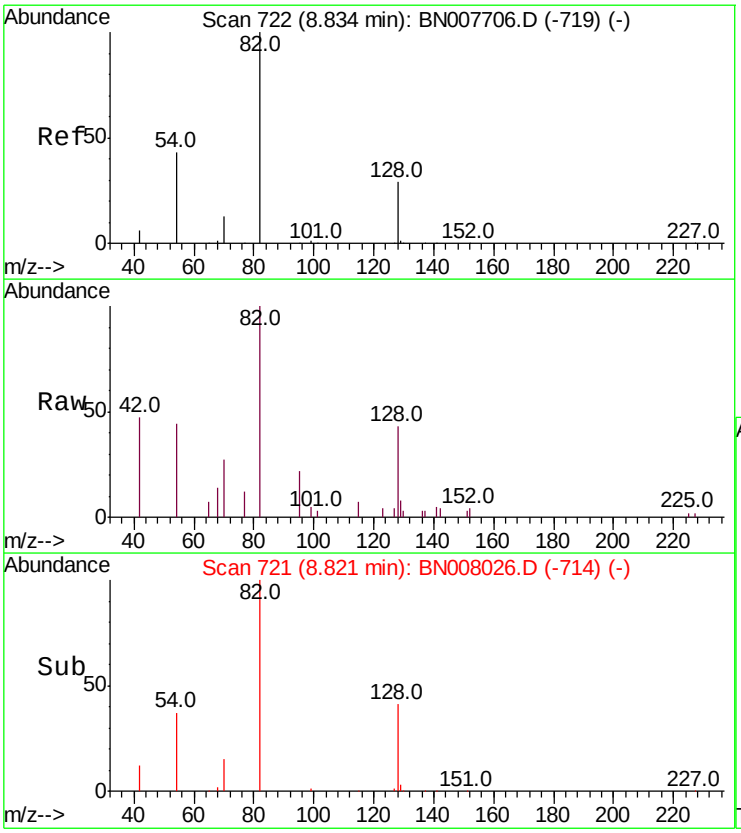

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 849
Delta R.T. -0.03 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519

Tgt Ion:136 Resp: 19611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.7 | 9.2 | 13.8 |
| 54 | 9.3 | 5.8 | 8.8# |
| 68 | 10.8 | 6.5 | 9.7# |

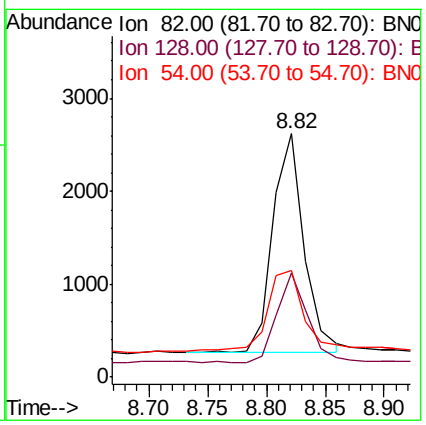


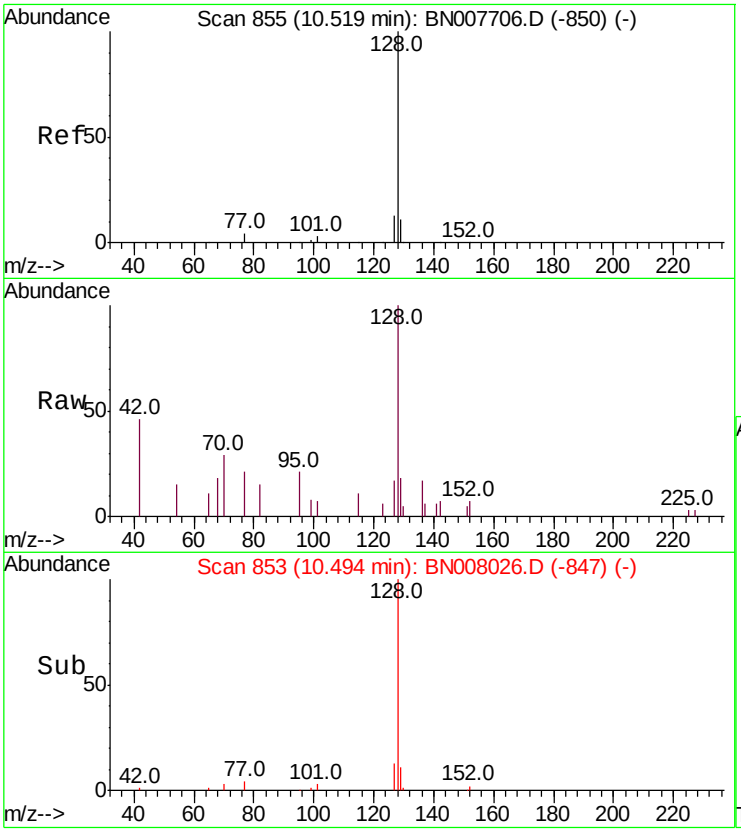




#8
Nitrobenzene-d5
Concen: 0.256 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

Tgt Ion: 82 Resp: 4386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.9 | 24.5 | 36.7# |
| 54 | 43.9 | 35.2 | 52.8 |



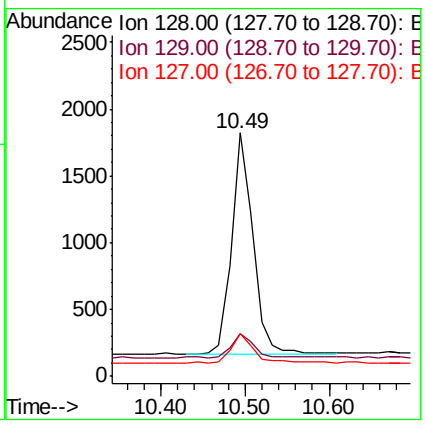


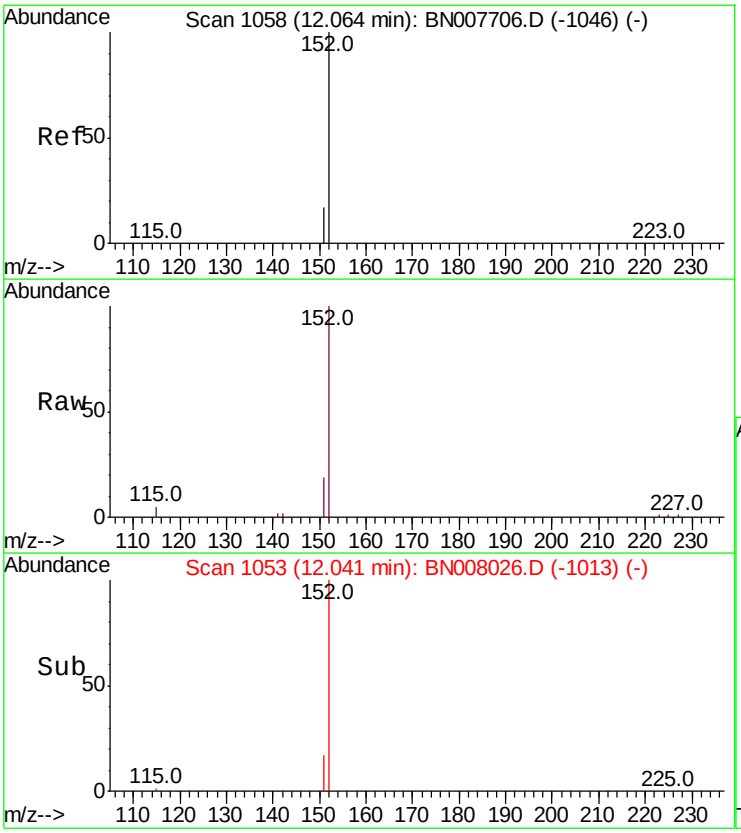

#9
Naphthalene
Concen: 0.054 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519

Tgt Ion:128 Resp: 2993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 17.7 | 9.1 | 13.7# |
| 127 | 17.4 | 10.6 | 15.8# |

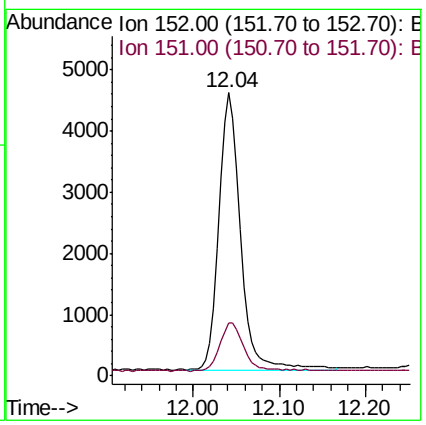


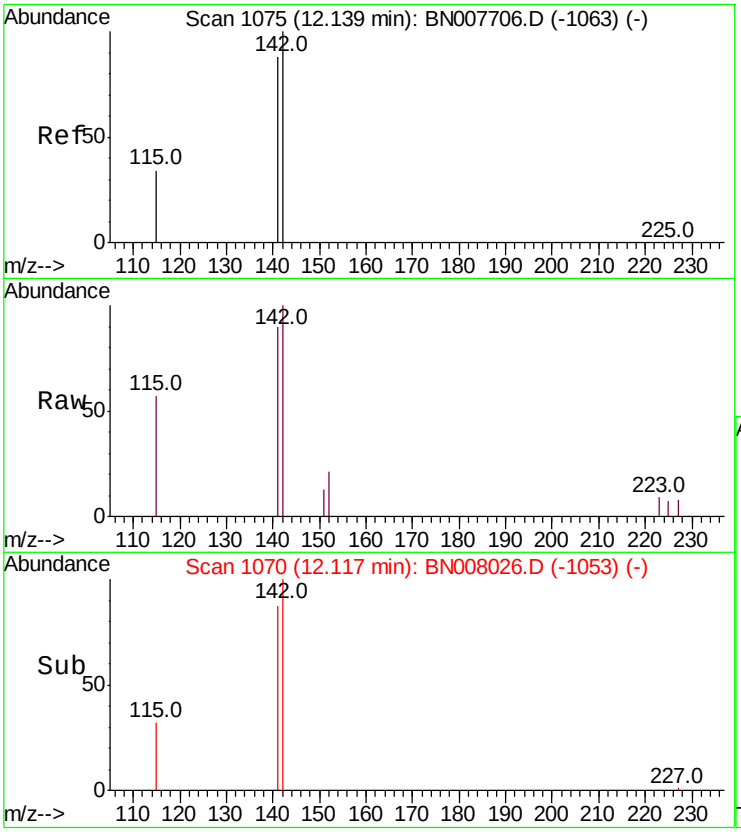




#11
2-Methylnaphthalene-d10
Concen: 0.239 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

Tgt Ion:152 Resp: 7894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.1 | 15.4 | 23.2 |



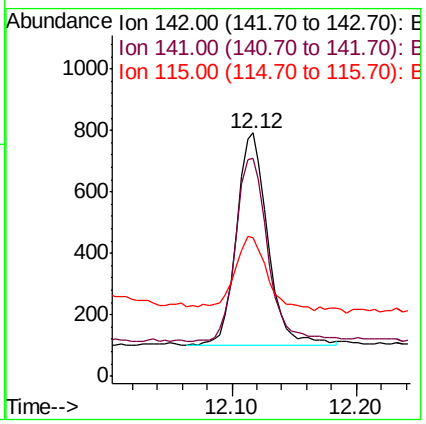


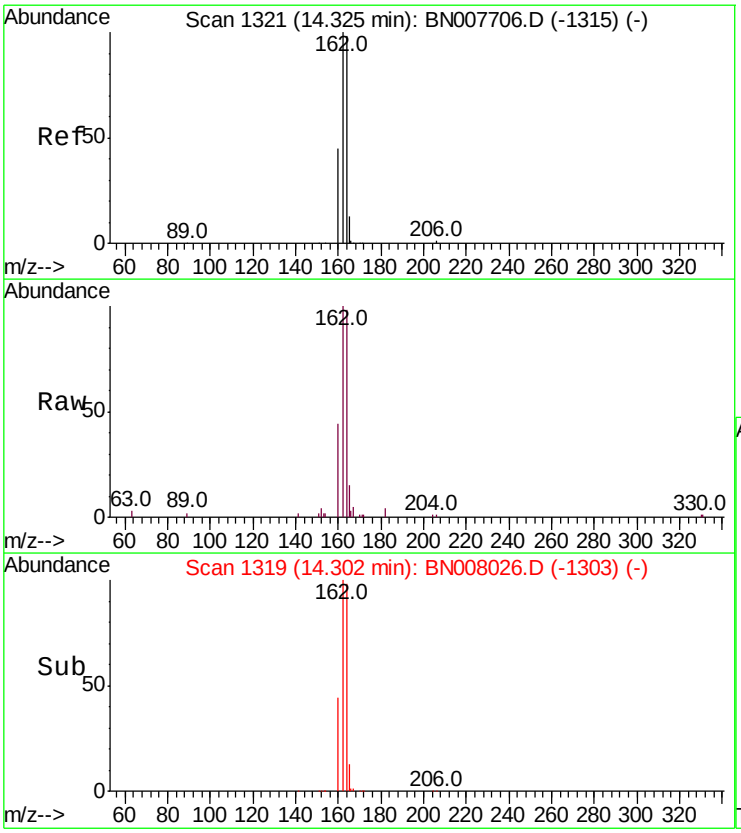

#12
2-Methylnaphthalene
Concen: 0.032 ng
RT: 12.12 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519

Tgt Ion:142 Resp: 1188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.5 | 70.6 | 106.0 |
| 115 | 57.1 | 28.3 | 42.5# |

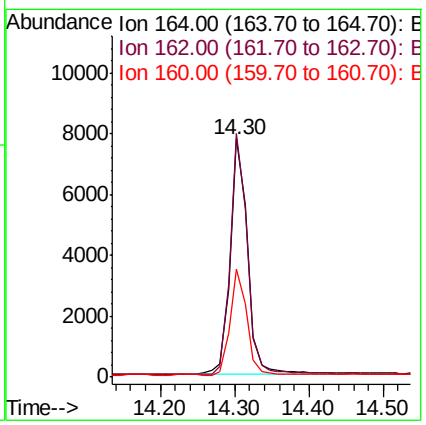


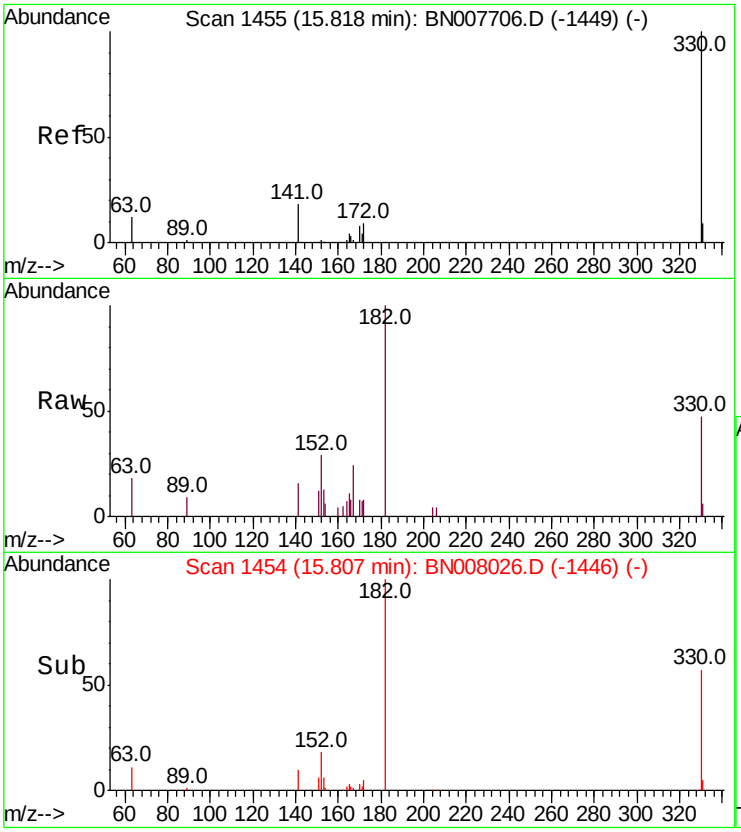




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

Tgt Ion:164 Resp: 12581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.4 | 81.7 | 122.5 |
| 160 | 45.5 | 37.0 | 55.4 |



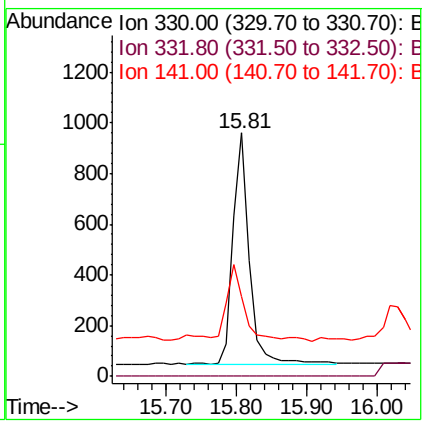


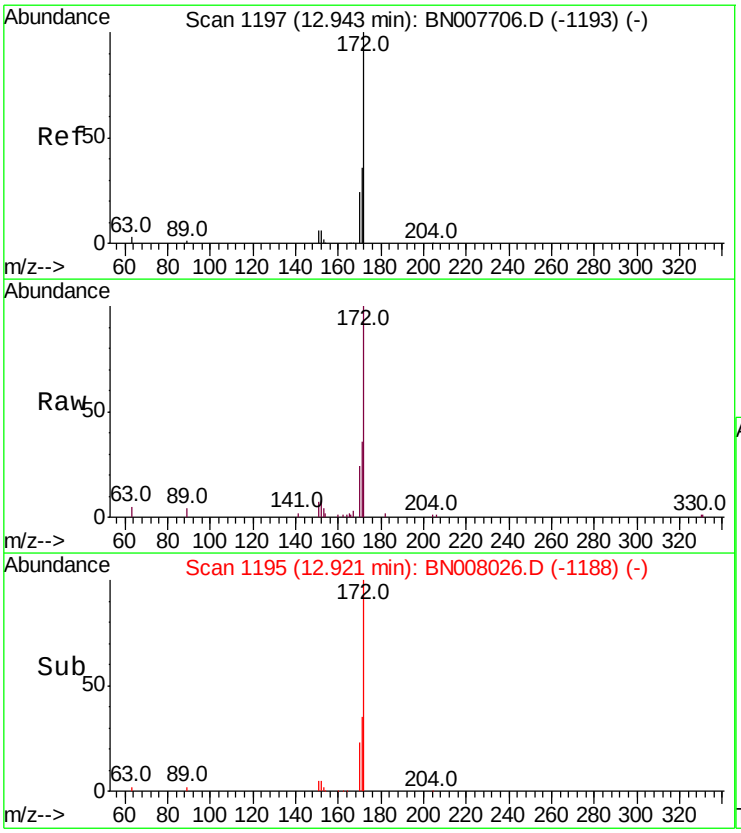

#14
2,4,6-Tribromophenol
Concen: 0.217 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519

Tgt Ion:330 Resp: 1484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 31.6 | 28.7 | 43.1 |

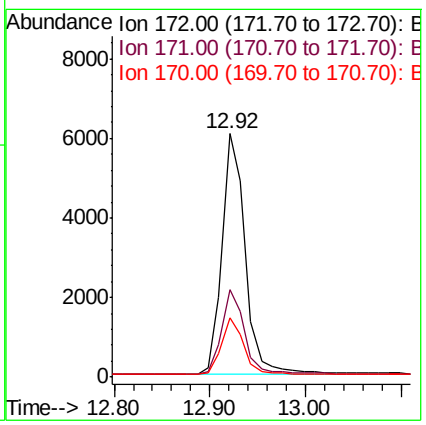


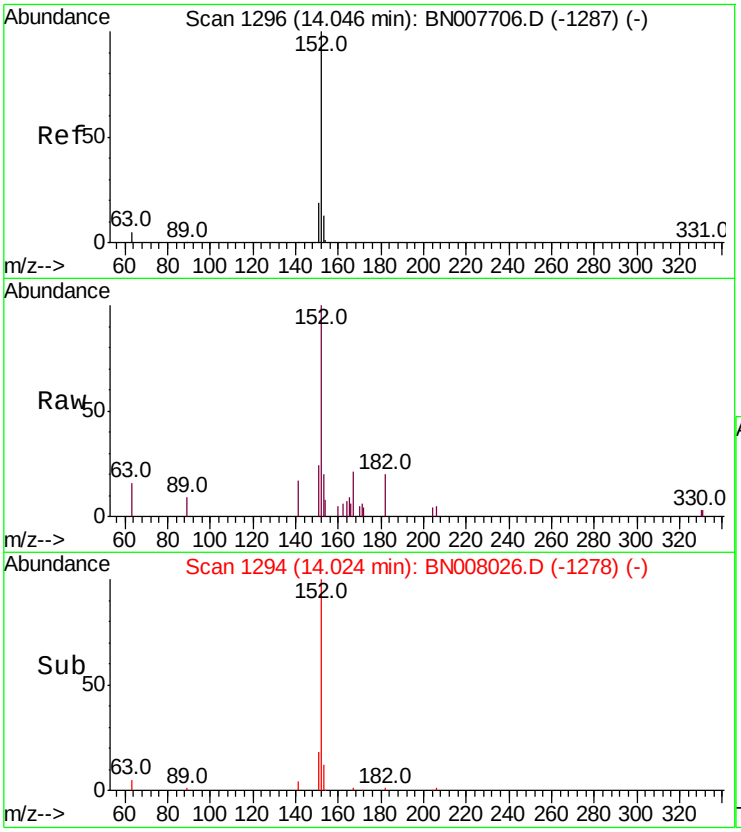




#15
2-Fluorobiphenyl
Concen: 0.200 ng
RT: 12.92 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

Tgt Ion:172 Resp: 10345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.2 | 28.8 | 43.2 |
| 170 | 24.2 | 19.5 | 29.3 |



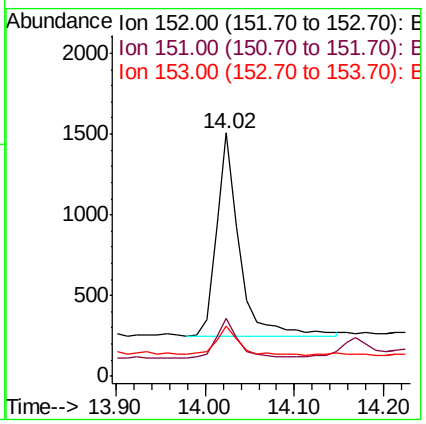


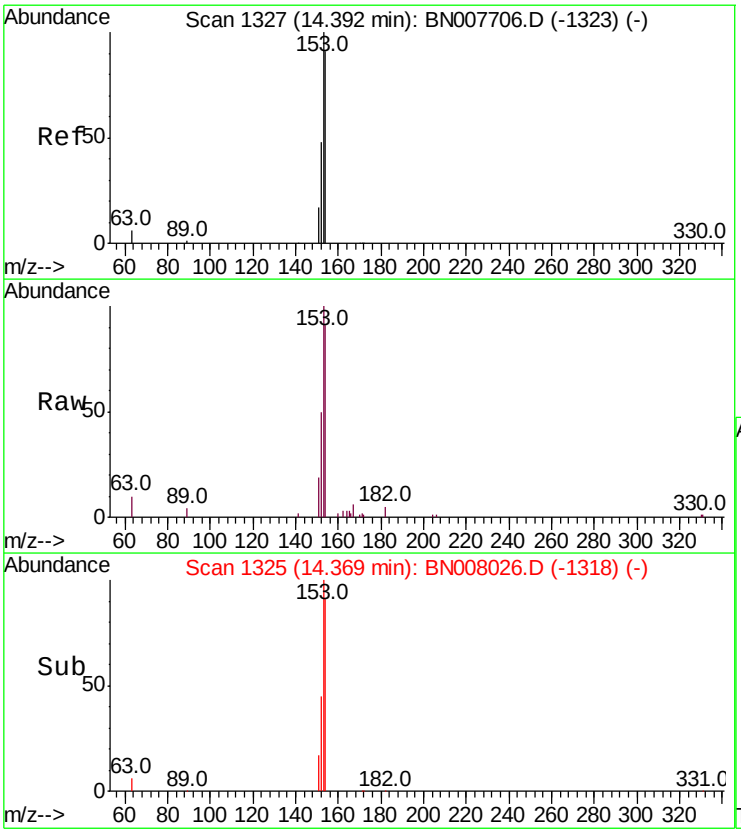

#16
Acenaphthylene
Concen: 0.033 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519

Tgt Ion:152 Resp: 2222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.4 | 15.5 | 23.3 |
| 153 | 14.9 | 10.4 | 15.6 |

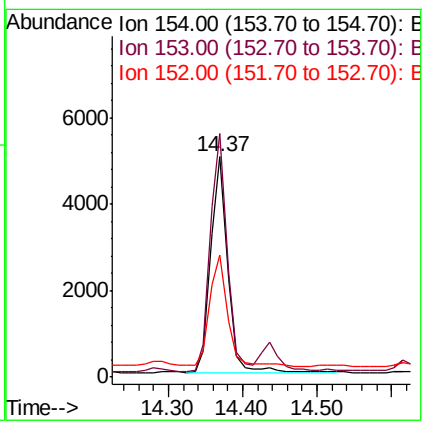


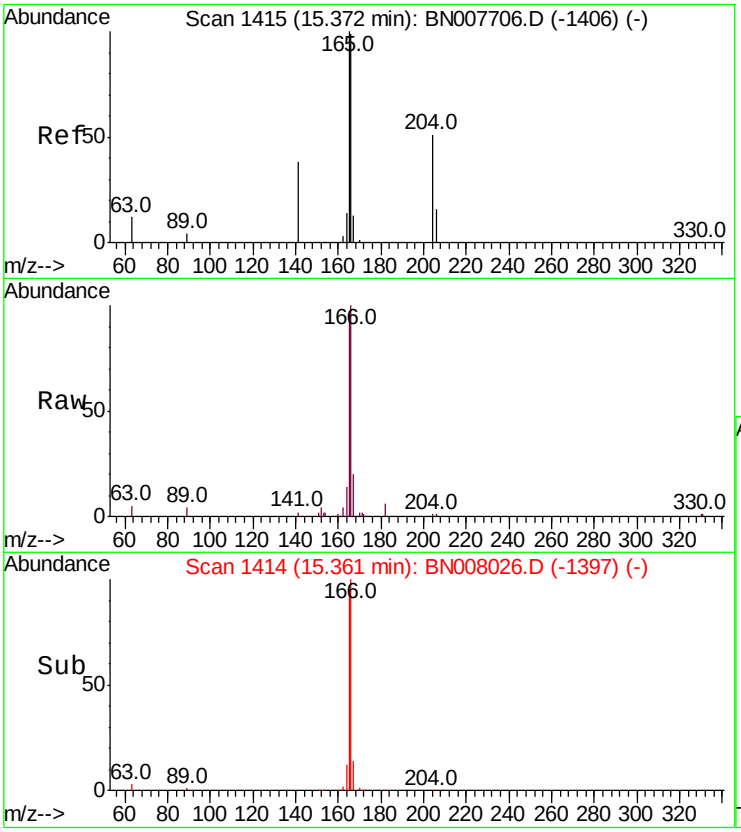




#17
Acenaphthene
Concen: 0.183 ng
RT: 14.37 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

Tgt Ion:154 Resp: 7886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 109.6 | 87.0 | 130.4 |
| 152 | 54.5 | 42.7 | 64.1 |



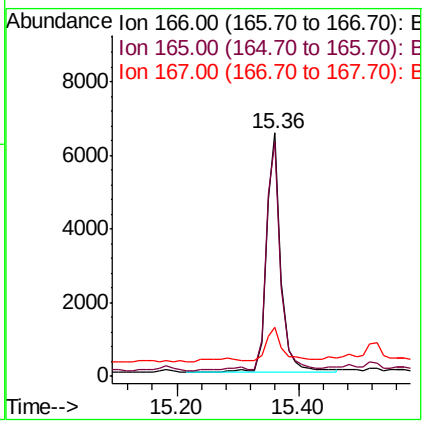


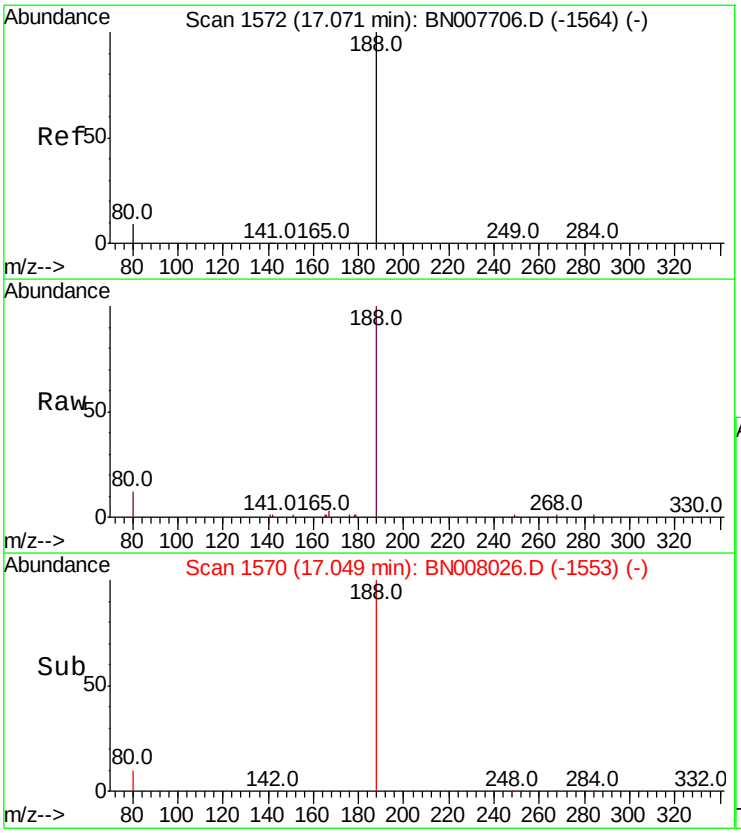

#18
Fluorene
Concen: 0.195 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519

Tgt Ion:166 Resp: 10745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 92.1 | 78.0 | 117.0 |
| 167 | 14.5 | 10.9 | 16.3 |

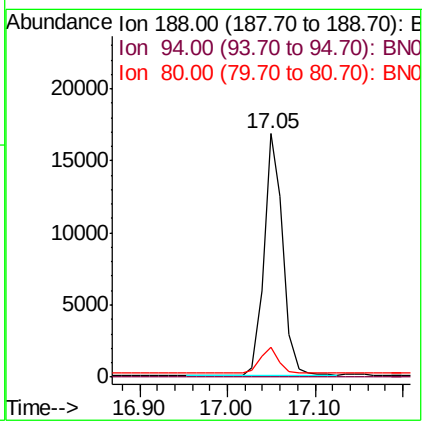


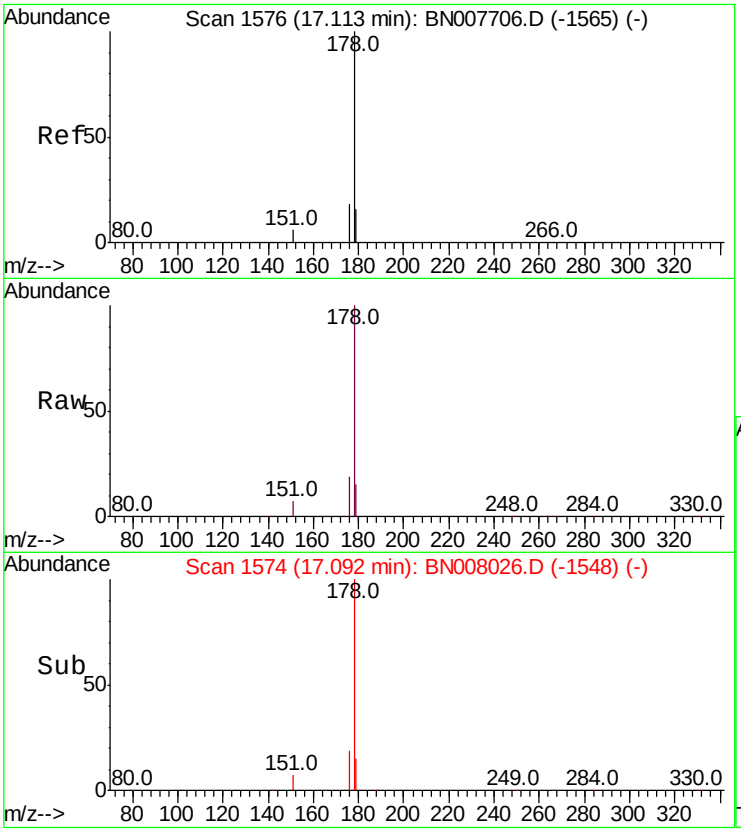




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

Tgt Ion:188 Resp: 25255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 12.1 | 7.4 | 11.2# |



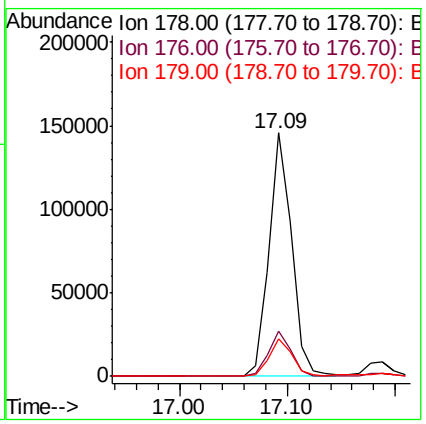


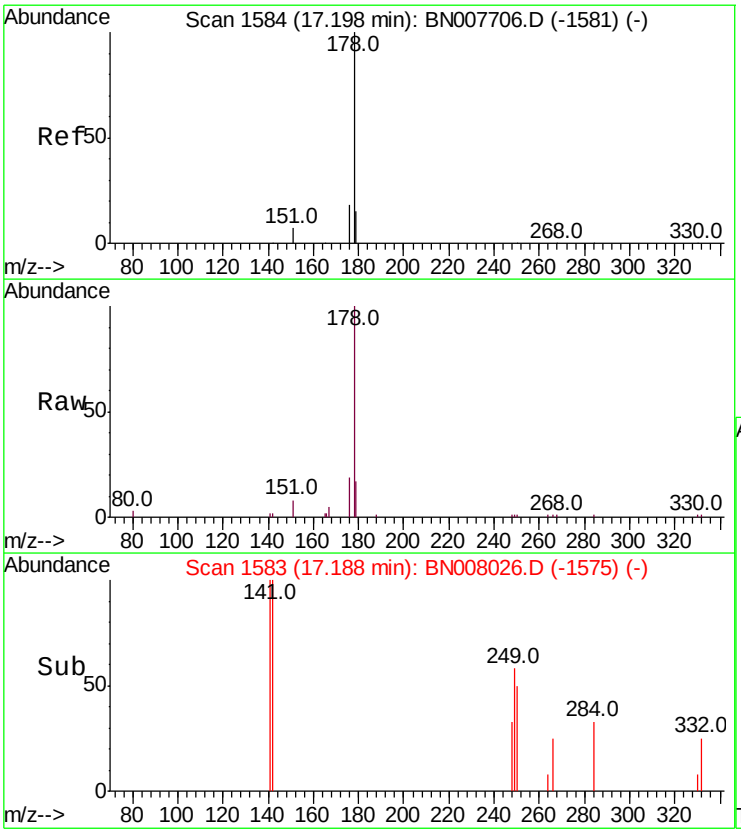

#23
Phenanthrene
Concen: 2.684 ng
RT: 17.09 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519

Tgt Ion:178 Resp: 211149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 14.9 | 22.3 |
| 179 | 15.4 | 12.5 | 18.7 |

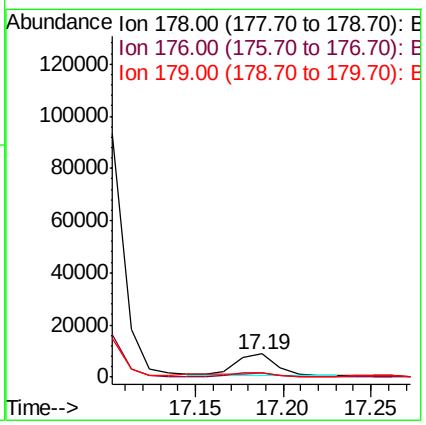


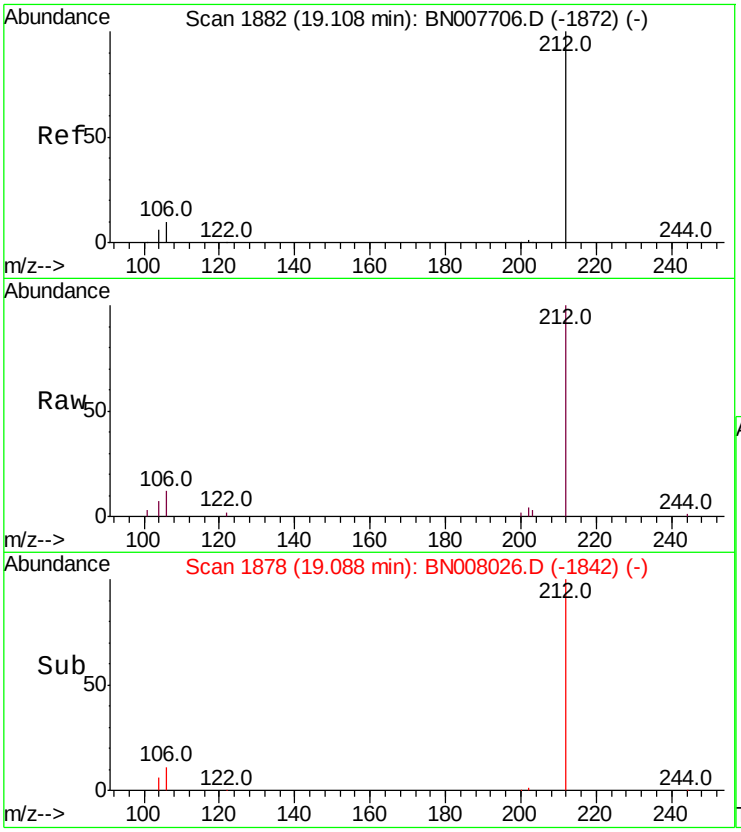




#24
Anthracene
Concen: 0.192 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

Tgt Ion:178 Resp: 13642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 14.6 | 21.8 |
| 179 | 25.6 | 12.2 | 18.4# |



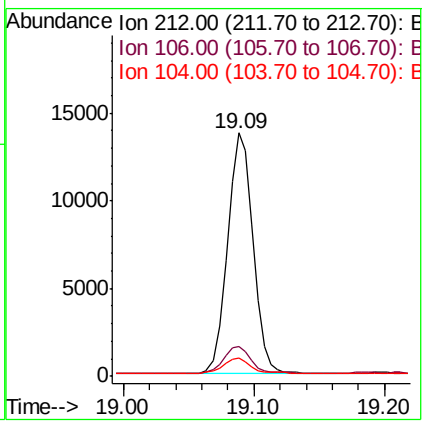


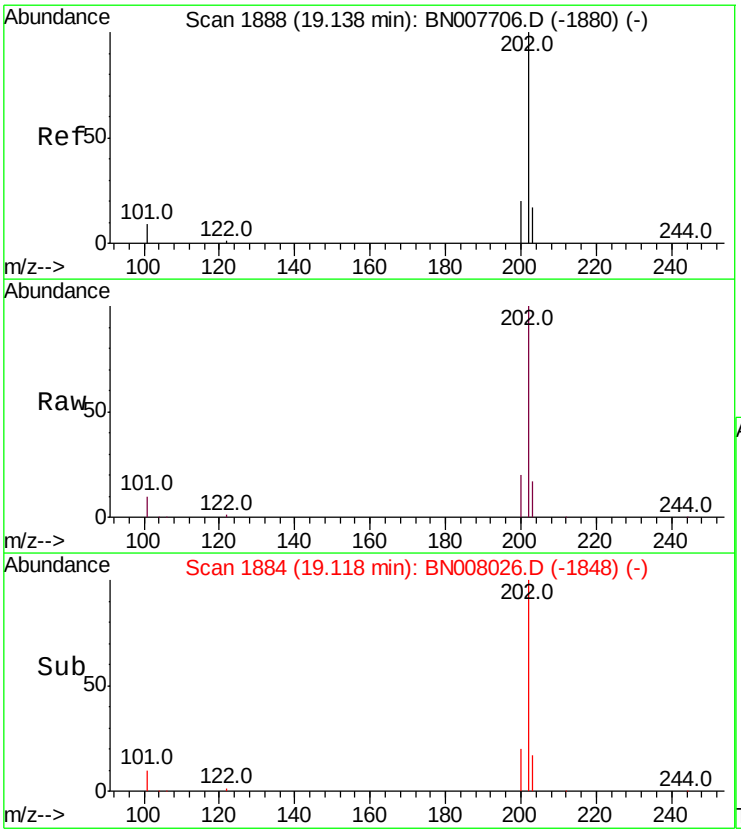

#25
Fluoranthene-d10
Concen: 0.220 ng
RT: 19.09 min Scan# 1878
Delta R.T. -0.02 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519

Tgt Ion:212 Resp: 18714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 11.4 | 9.4 | 14.0 |
| 104 | 6.5 | 5.3 | 7.9 |

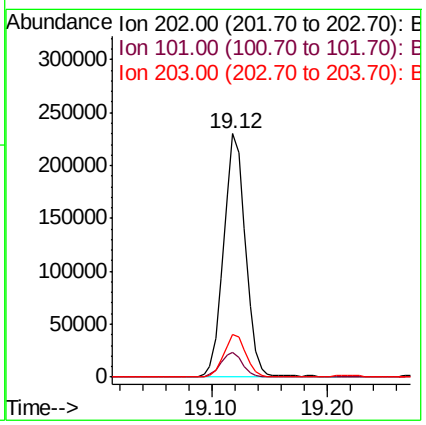


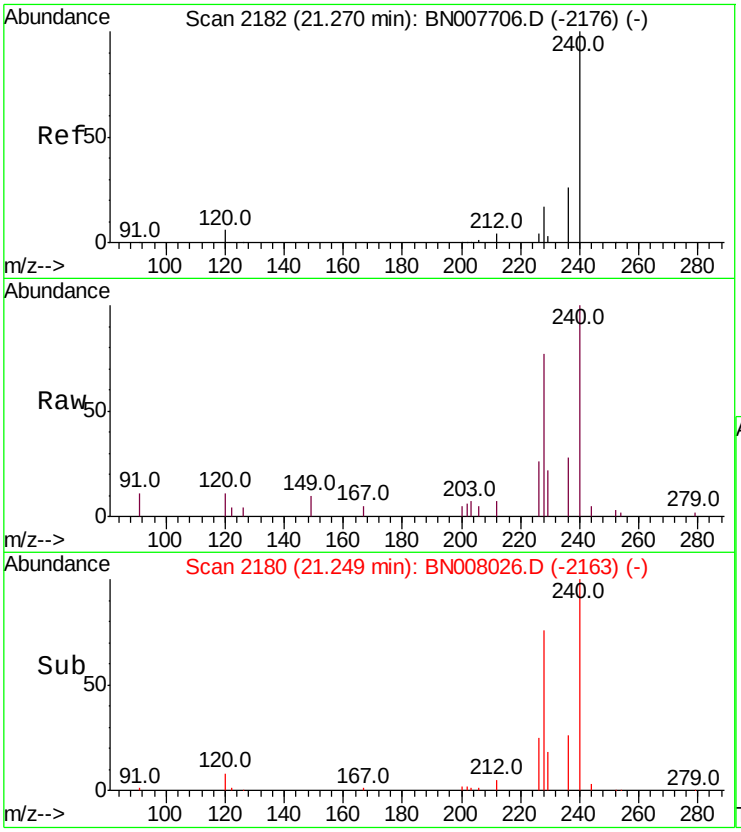




#26
Fluoranthene
Concen: 3.071 ng
RT: 19.12 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

Tgt Ion:202 Resp: 300436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.0 | 8.4 | 12.6 |
| 203 | 17.3 | 13.8 | 20.8 |



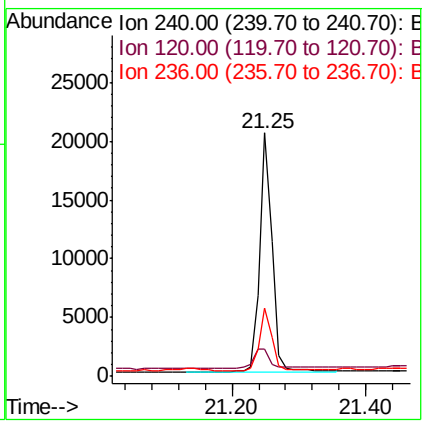


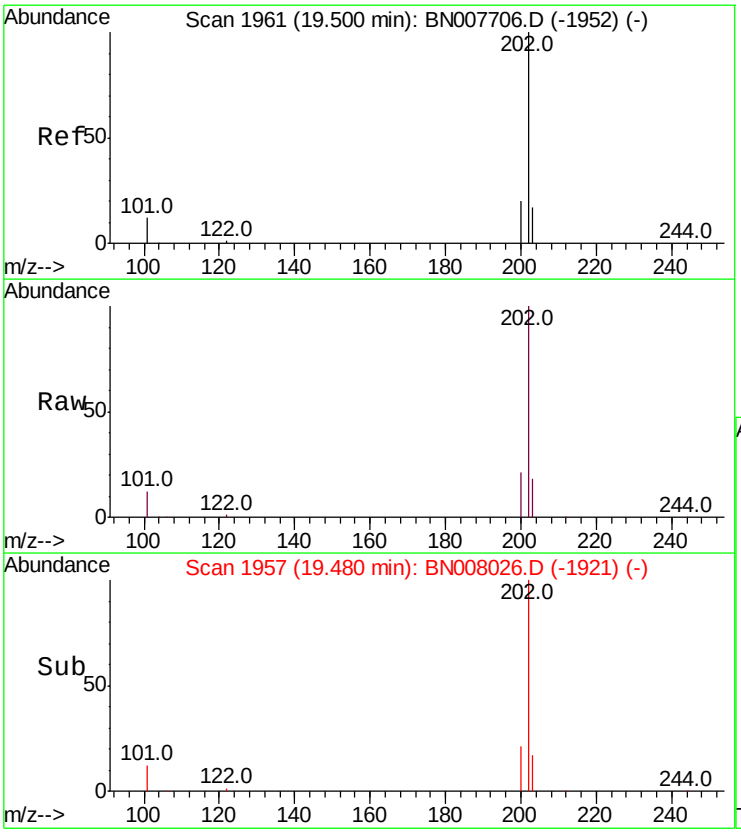

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519

Tgt Ion:240 Resp: 26180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.1 | 5.4 | 8.2# |
| 236 | 28.3 | 21.0 | 31.4 |

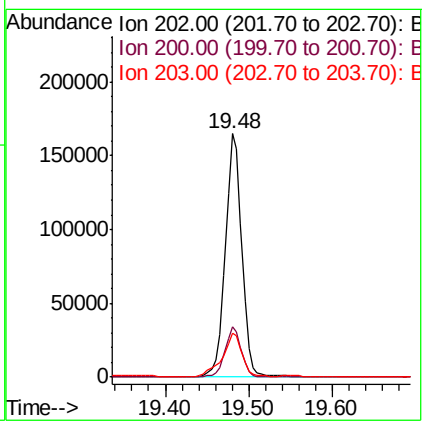


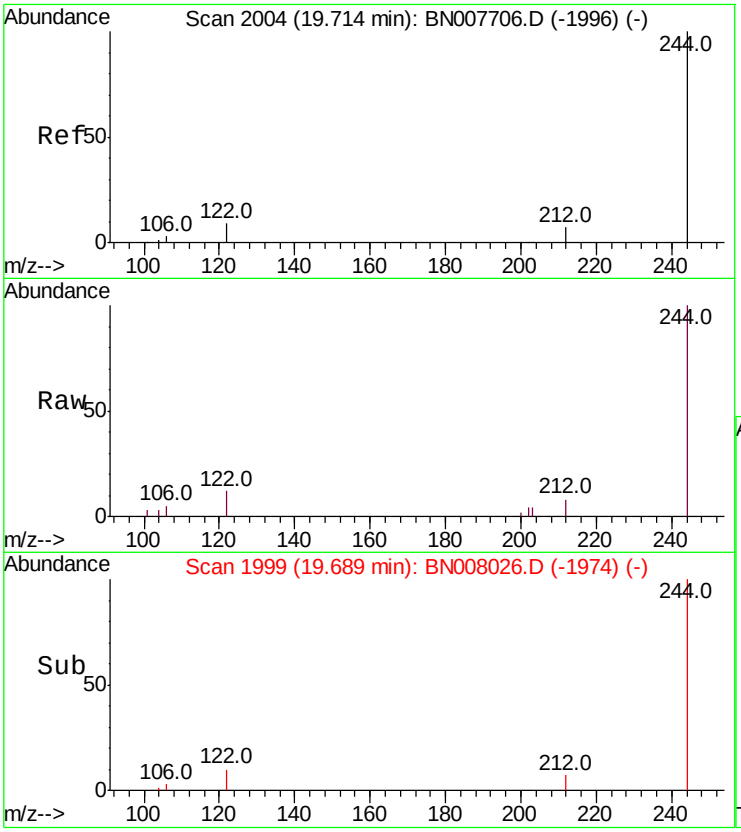




#28
Pyrene
Concen: 2.509 ng
RT: 19.48 min Scan# 1957
Delta R.T. -0.02 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

Tgt Ion:202 Resp: 224031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.4 | 16.4 | 24.6 |
| 203 | 21.2 | 14.1 | 21.1# |



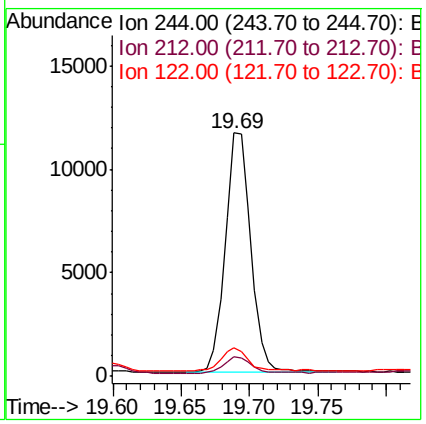


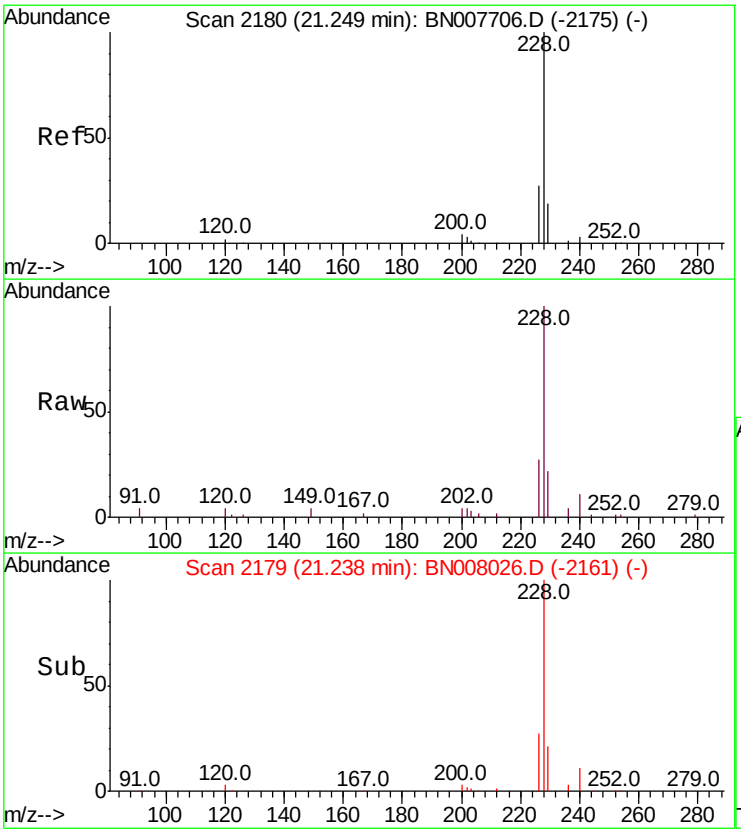

#29
Terphenyl-d14
Concen: 0.233 ng
RT: 19.69 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519

Tgt Ion:244 Resp: 14966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.3 | 5.9 | 8.9 |
| 122 | 11.7 | 7.4 | 11.2# |

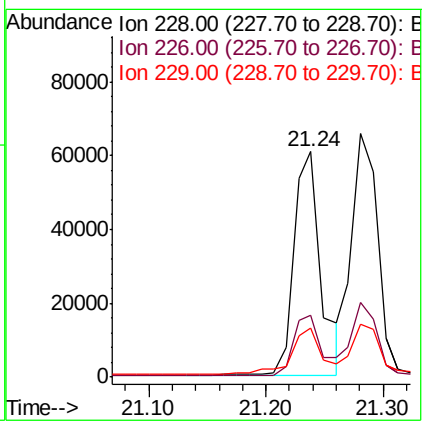


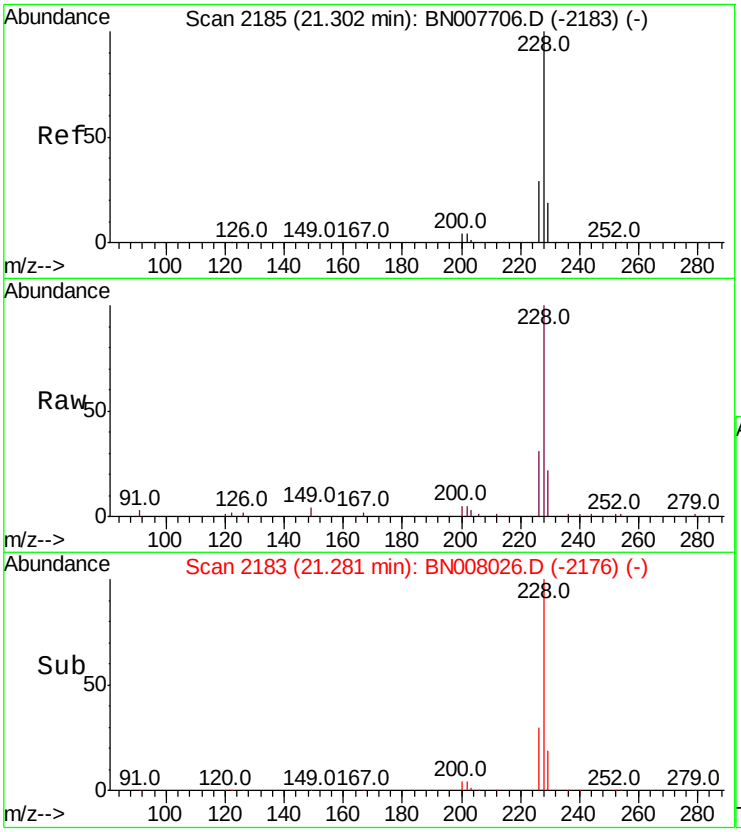




#30
Benzo(a)anthracene
Concen: 1.013 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

Tgt Ion:228 Resp: 97648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.3 | 22.1 | 33.1 |
| 229 | 21.9 | 15.8 | 23.6 |



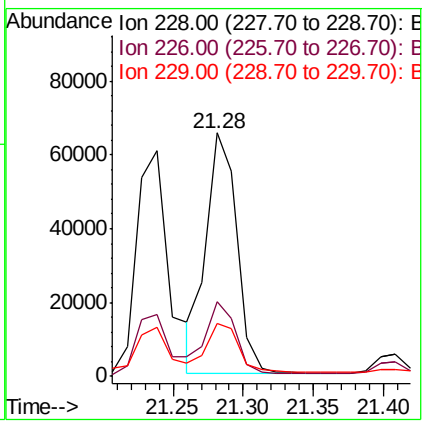


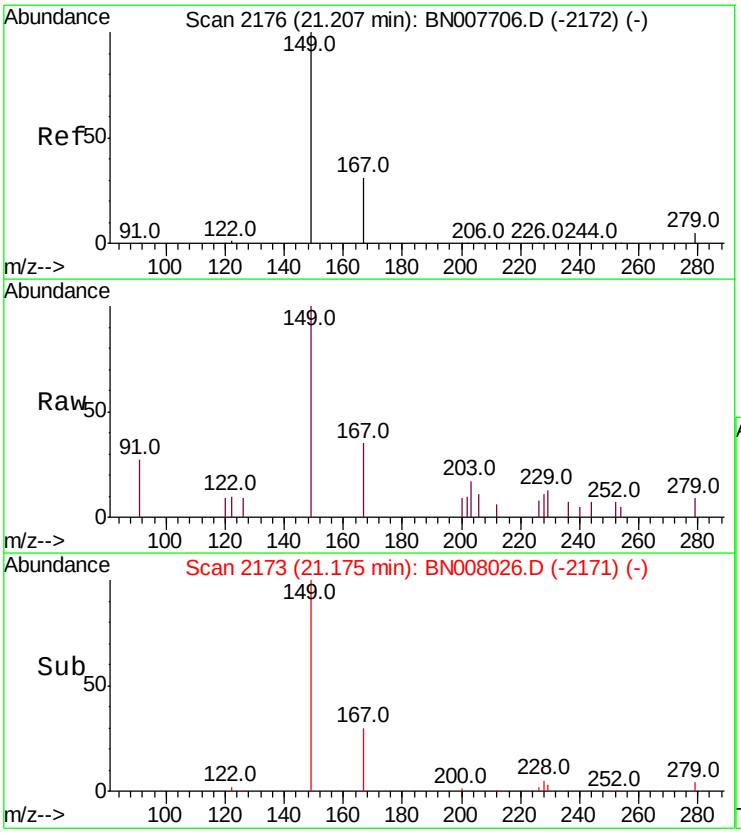

#31
Chrysene
Concen: 1.061 ng
RT: 21.28 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519

Tgt Ion:228 Resp: 99705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.7 | 23.9 | 35.9 |
| 229 | 21.9 | 15.8 | 23.6 |

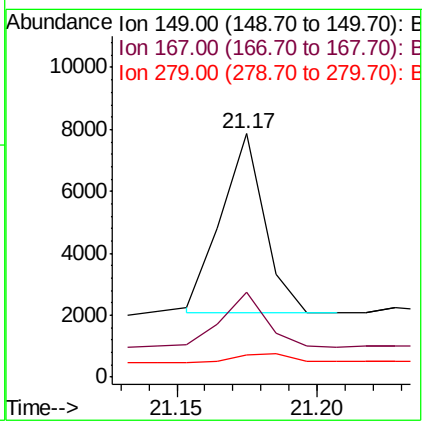


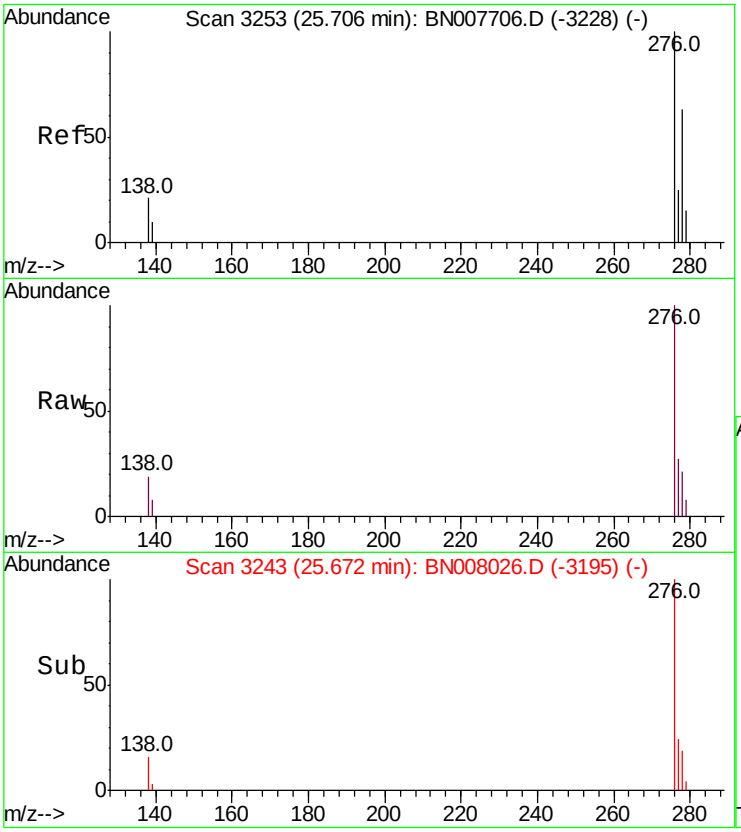




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.127 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

Tgt Ion:149 Resp: 6278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 30.3 | 23.7 | 35.5 |
| 279 | 6.3 | 4.2 | 6.2# |



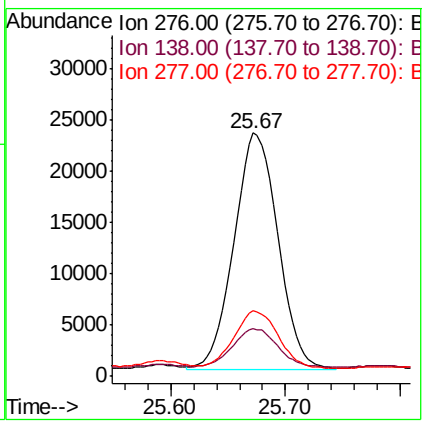


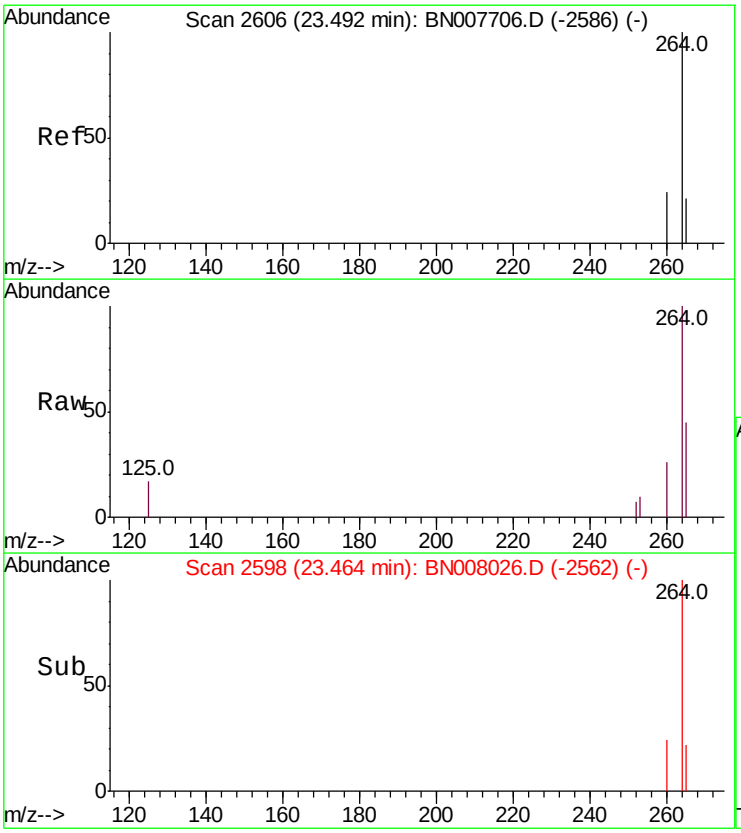

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.521 ng
RT: 25.67 min Scan# 3243
Delta R.T. -0.03 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519

Tgt Ion:276 Resp: 61253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.6 | 17.1 | 25.7# |
| 277 | 24.2 | 20.0 | 30.0 |

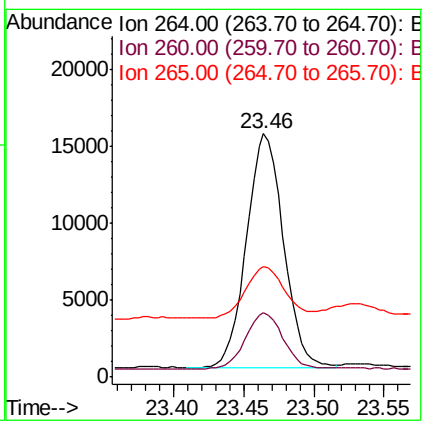


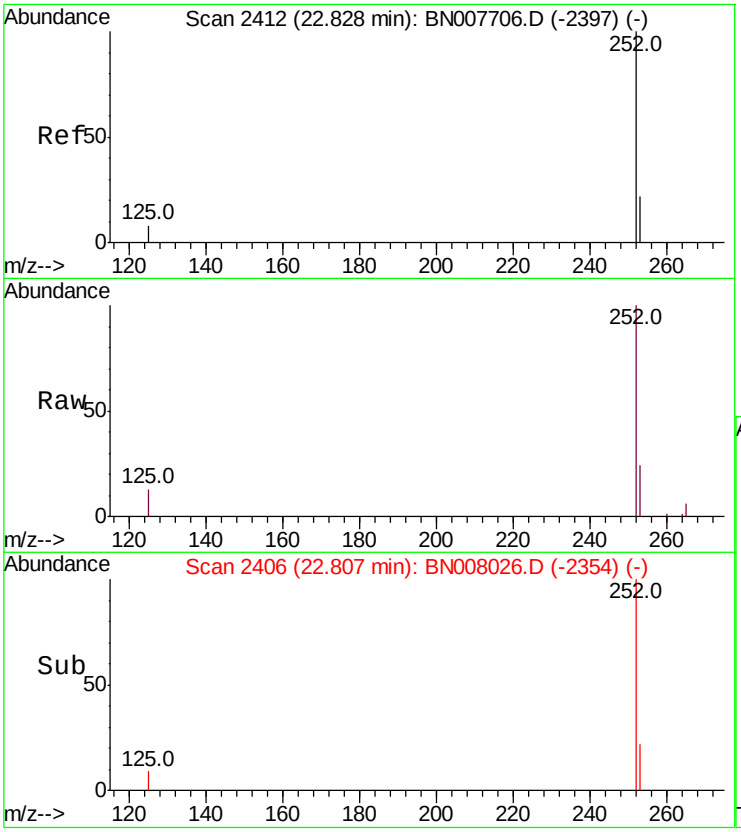




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2598
Delta R.T. -0.03 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

Tgt Ion:264 Resp: 27858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.2 | 19.3 | 28.9 |
| 265 | 45.5 | 26.9 | 40.3# |



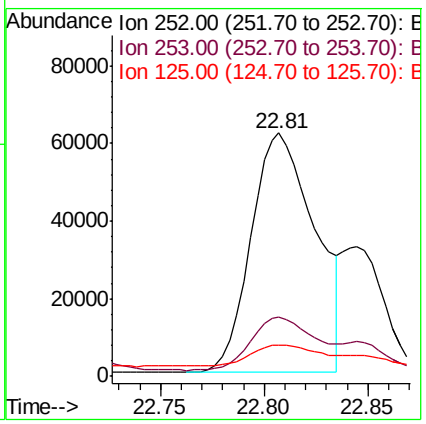


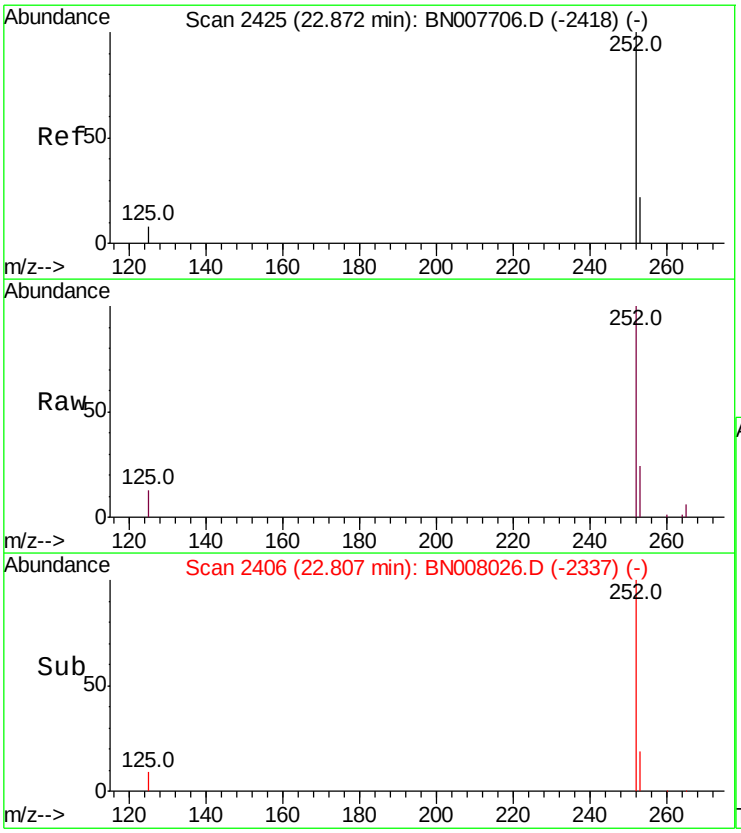

#35
Benzo(b)fluoranthene
Concen: 1.366 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519

Tgt Ion:252 Resp: 132128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.5 | 18.3 | 27.5 |
| 125 | 13.0 | 8.2 | 12.4# |

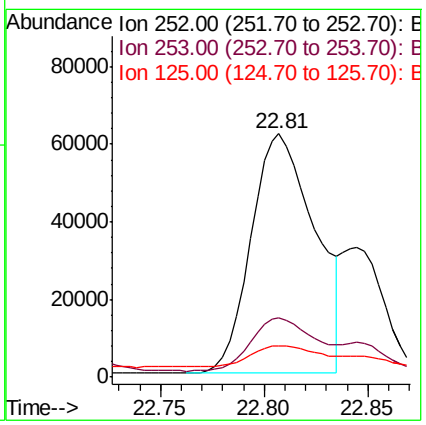


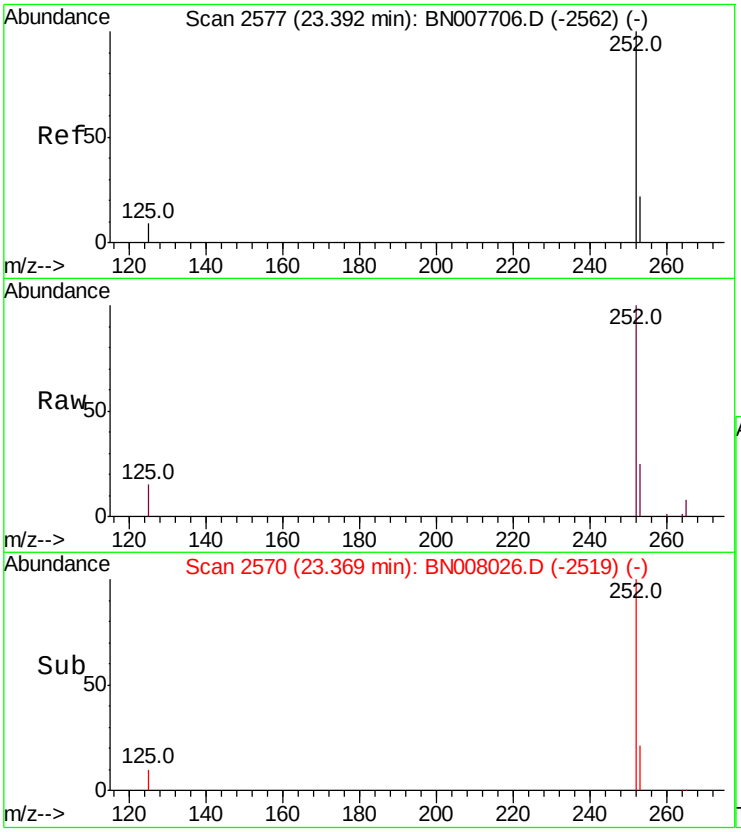




#36
Benzo(k)fluoranthene
Concen: 1.382 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.07 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

Tgt Ion:252 Resp: 132128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.5 | 18.5 | 27.7 |
| 125 | 13.0 | 8.4 | 12.6# |



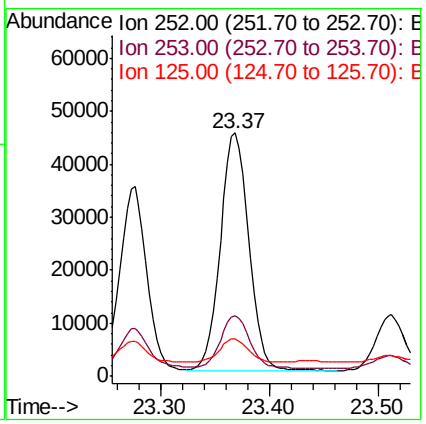


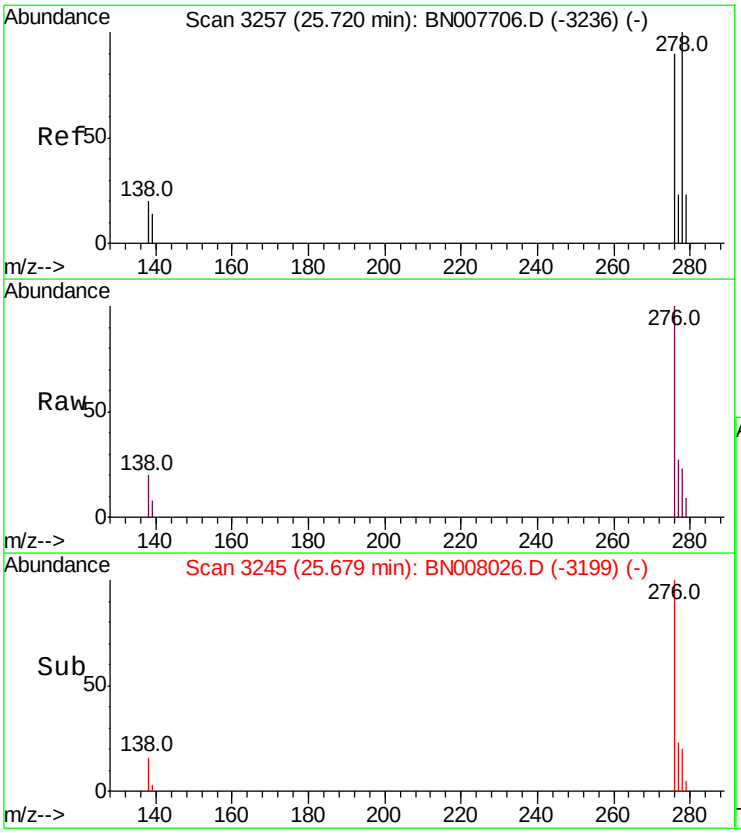

#37
Benzo(a)pyrene
Concen: 0.891 ng
RT: 23.37 min Scan# 2570
Delta R.T. -0.02 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519

Tgt Ion:252 Resp: 80988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.0 | 18.6 | 27.8 |
| 125 | 15.5 | 9.4 | 14.0# |

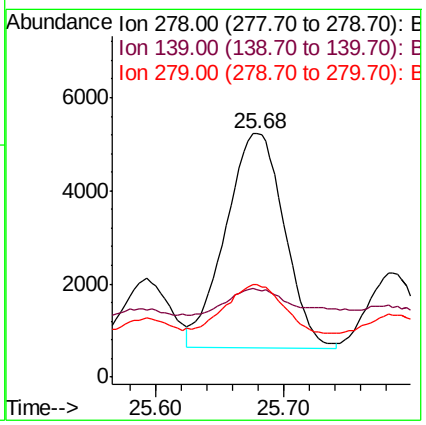


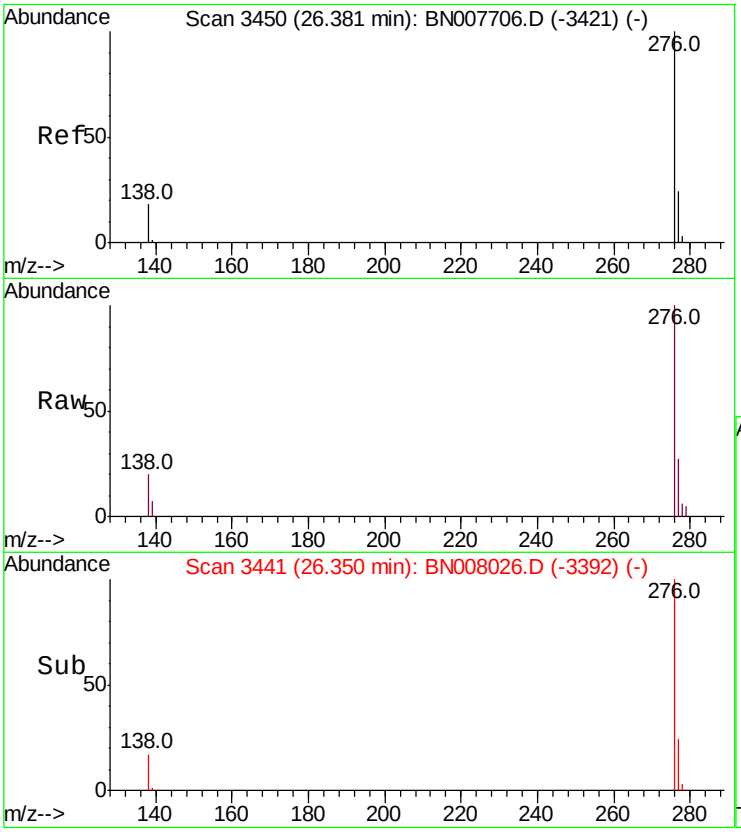




#38
Dibenzo(a,h)anthracene
Concen: 0.159 ng
RT: 25.68 min Scan# 3245
Delta R.T. -0.04 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

Tgt Ion:278 Resp: 14764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 36.1 | 11.8 | 17.6# |
| 279 | 38.0 | 19.4 | 29.2# |






#39
Benzo(g,h,i)perylene
Concen: 0.615 ng
RT: 26.35 min Scan# 3441
Delta R.T. -0.03 min
Lab File: BN008026.D
Acq: 05 Oct 2019 15:16

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519

Tgt Ion:276 Resp: 56577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 27.2 | 19.8 | 29.8 |
| 138 | 20.4 | 15.1 | 22.7 |