Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112520\
Data File : BN012742.D
Acq On : 25 Nov 2020 21:31
Operator : CG/JU
Sample : PB133233BL
Misc : MDL-WATER-BL-03
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SBLK233

Quant Time: Nov 26 01:30:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN112520.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 18:19:04 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.42 | 152 | 106829 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.19 | 136 | 434613 | 20.00 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.08 | 164 | 278590 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 16.84 | 188 | 614412 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.06 | 240 | 644371 | 20.00 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.17 | 264 | 712005 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 2.96 | 96 | 22589 | 7.61 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.36 | 84 | 324852 | 40.52 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.61 | 99 | 388262 | 40.60 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)ether-d | 6.78 | 67 | 247374 | 41.47 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 6.96 | 132 | 314349 | 41.81 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.13 | 113 | 307448 | 39.47 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.57 | 128 | 152984 | 43.99 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.29 | 143 | 177497 | 46.24 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 9.82 | 165 | 297361 | 40.78 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.33 | 131 | 415996 | 40.78 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.51 | 166 | 1012421 | 44.69 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.77 | 160 | 1103145 | 41.74 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.30 | 143 | 155937 | 38.91 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.09 | 176 | 839977 | 43.92 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 15.22 | 200 | 156578 | 37.27 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 16.94 | 188 | 1343929 | 43.77 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.25 | 212 | 1412548 | 43.97 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.03 | 264 | 1673537 | 43.51 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.01 | 88 | 175 | 0.057 | ng/uL# | 22 |
| 6) Benzaldehyde | 6.61 | 77 | 1170 | 0.273 | ng/ul# | 4 |
| 10) Bis(2-Chloroethyl)ether | 6.96 | 93 | 496 | 0.063 | ng/ul# | 1 |
| 17) N-Nitroso-di-n-propylamine | 8.13 | 70 | 9049 | 1.349 | ng/ul# | 1 |
| 22) Nitrobenzene | 8.57 | 77 | 1758 | 0.174 | ng/ul# | 36 |
| 23) Isophorone | 9.29 | 82 | 20261 | 1.147 | ng/ul# | 75 |
| 47) Dimethylphthalate | 13.51 | 163 | 329 | 0.014 | ng/ul# | 1 |
| 48) 2,6-Dinitrotoluene | 13.52 | 165 | 2453 | 0.535 | ng/ul# | 32 |
| 61) Fluorene | 15.08 | 166 | 2214 | 0.095 | ng/ul# | 12 |
| 63) 4-Nitroaniline | 15.22 | 138 | 602 | 0.159 | ng/ul# | 1 |
| 66) 4,6-Dinitro-2-methylphenol | 15.22 | 198 | 452 | 0.100 | ng/ul# | 1 |
| 67) N-Nitrosodiphenylamine | 15.23 | 169 | 1931 | 0.101 | ng/ul# | 25 |
| 78) Di-n-butylphthalate | 17.83 | 149 | 904 | 0.021 | ng/ul# | 78 |
| 80) Fluoranthene | 18.90 | 202 | 669 | 0.016 | ng/ul# | 74 |
| 82) Pyrene | 19.28 | 202 | 1209 | 0.027 | ng/ul# | 46 |
| 83) Butylbenzylphthalate | 20.21 | 149 | 707 | 0.038 | ng/ul# | 21 |
| 84) 3,3'-Dichlorobenzidine | 21.14 | 252 | 272 | 0.018 | ng/ul# | 27 |
| 85) Benzo(a)anthracene | 21.06 | 228 | 2469 | 0.057 | ng/ul# | 53 |
| 86) Bis(2-ethylhexyl)phthalate | 21.00 | 149 | 1911 | 0.063 | ng/ul# | 54 |
| 87) Chrysene | 21.09 | 228 | 1435 | 0.034 | ng/ul# | 50 |
| 89) Di-n-octyl phthalate | 21.83 | 149 | 1272 | 0.023 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.53 | 252 | 372 | 0.008 | ng/ul# | 1 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112520\
Data File : BN012742.D
Acq On : 25 Nov 2020 21:31
Operator : CG/JU
Sample : PB133233BL
Misc : MDL-WATER-BL-03
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SBLK233

Quant Time: Nov 26 01:30:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN112520.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 18:19:04 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 91) Benzo(k)fluoranthene | 22.59 | 252 | 542 | 0.012 | ng/ul# | 1 |
| 93) Benzo(a)pyrene | 23.07 | 252 | 827 | 0.019 | ng/ul# | 1 |

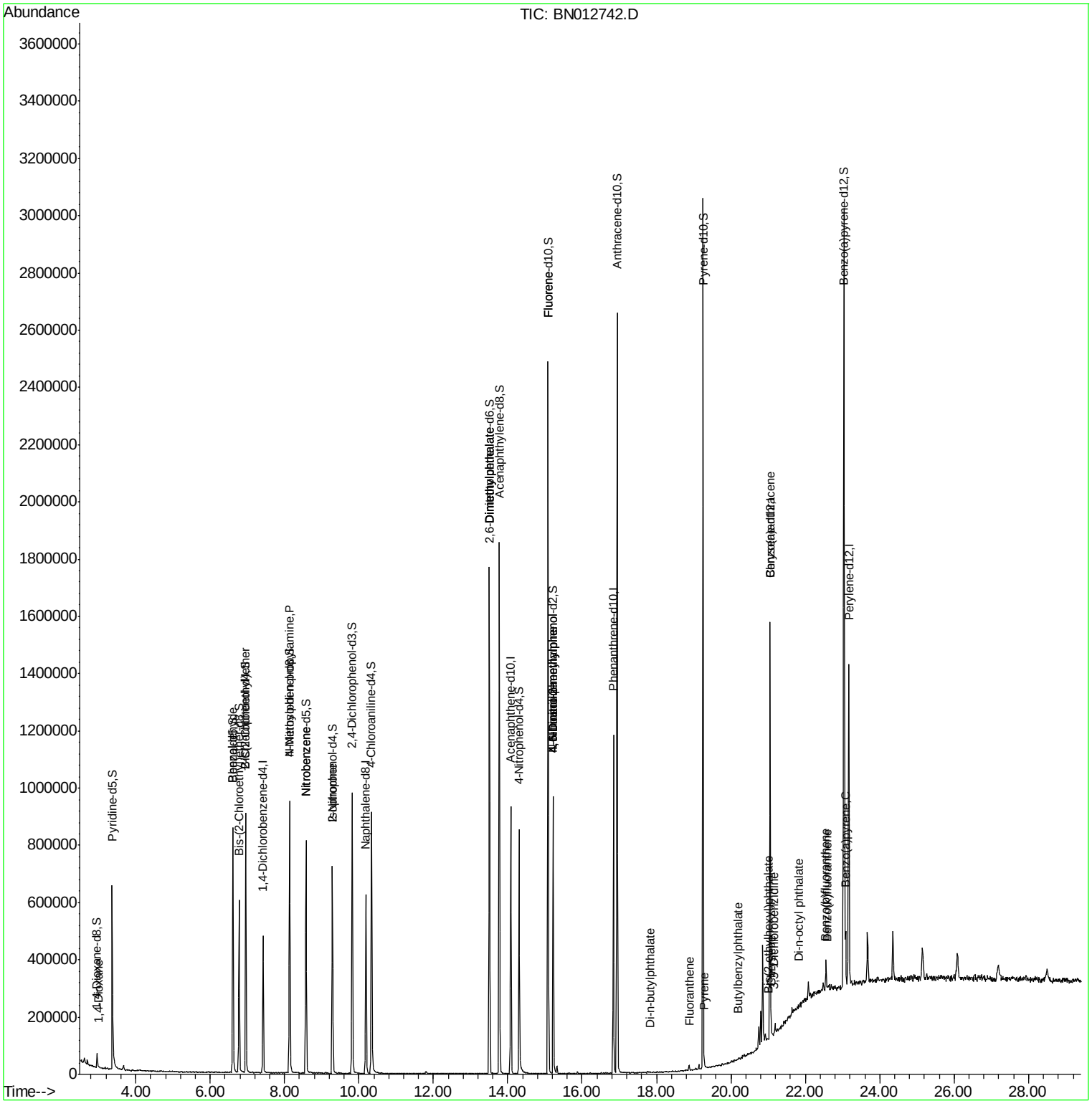
(#) = qualifier out of range (m) = manual integration (+) = signals summed

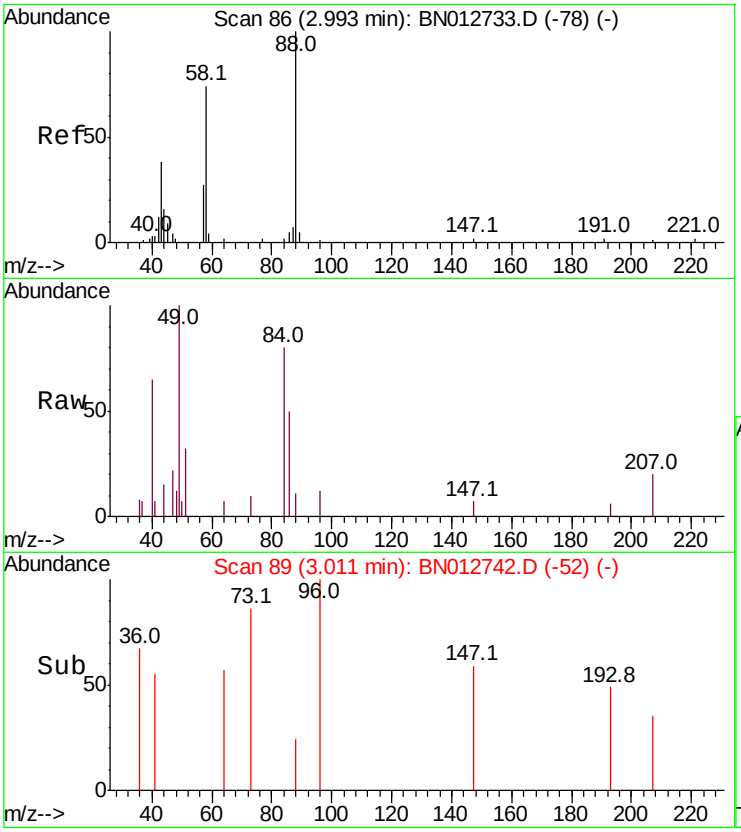
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112520\
Data File : BN012742.D
Acq On : 25 Nov 2020 21:31
Operator : CG/JU
Sample : PB133233BL
Misc : MDL-WATER-BL-03
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SBLK233

Quant Time: Nov 26 01:30:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN112520.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 18:19:04 2020
Response via : Initial Calibration



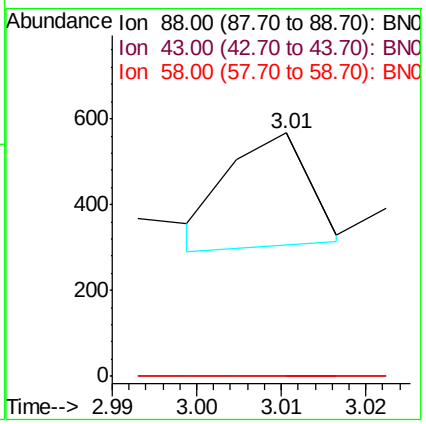


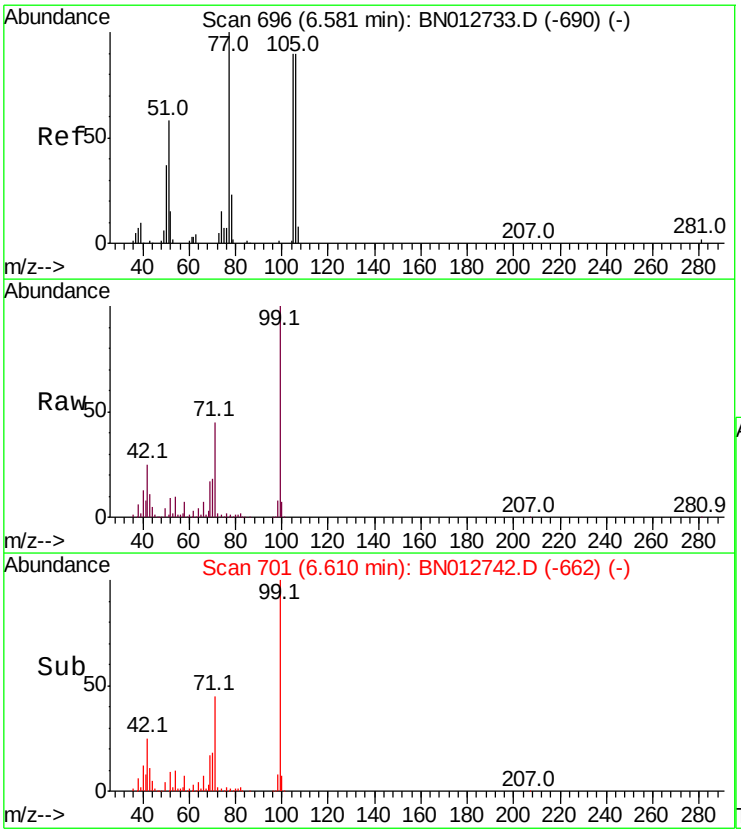

#2
1,4-Dioxane
Concen: 0.057 ng/uL
RT: 3.01 min Scan# 89
Delta R.T. 0.02 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

**Instrument :**
BNA_N
**ClientSampleId :**
SBLK233

Tgt Ion: 88 Resp: 175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 0.0 | 29.4 | 44.0# |
| 58 | 0.0 | 58.2 | 87.4# |

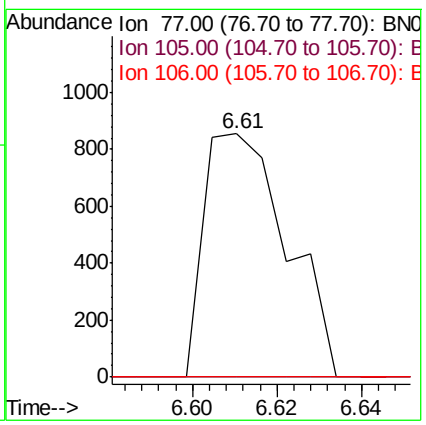


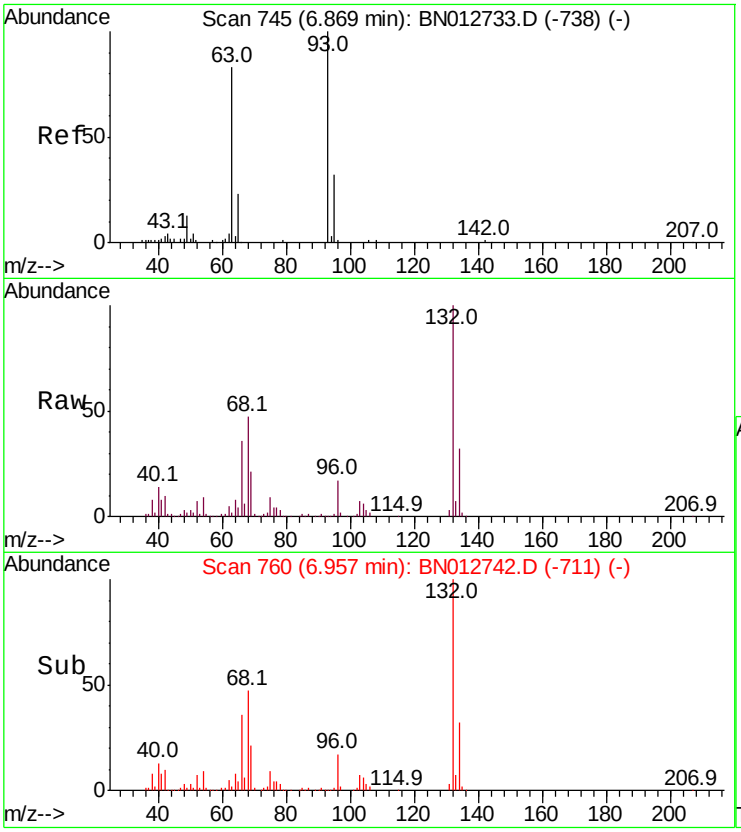




#6
Benzaldehyde
Concen: 0.273 ng/ul
RT: 6.61 min Scan# 701
Delta R.T. 0.03 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

Tgt Ion: 77 Resp: 1170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 0.0 | 72.3 | 108.5# |
| 106 | 0.0 | 71.8 | 107.6# |



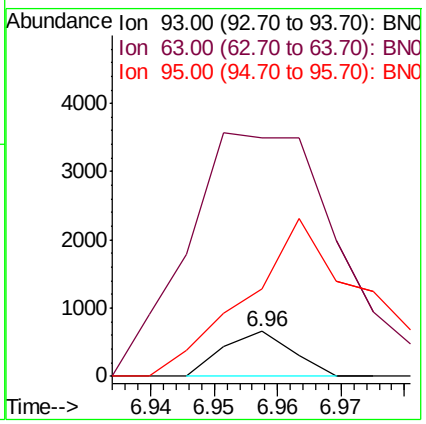


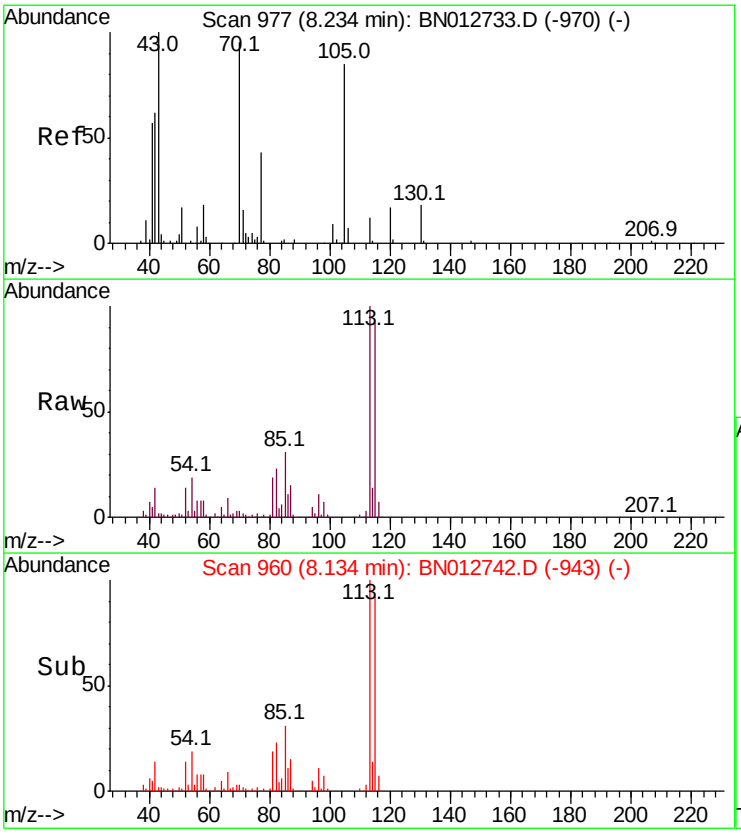

#10
Bis(2-Chloroethyl)ether
Concen: 0.063 ng/ul
RT: 6.96 min Scan# 760
Delta R.T. 0.09 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

**Instrument :**
BNA_N
**ClientSampleId :**
SBLK233

Tgt Ion: 93 Resp: 496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 528.4 | 66.2 | 99.2# |
| 95 | 194.1 | 25.9 | 38.9# |

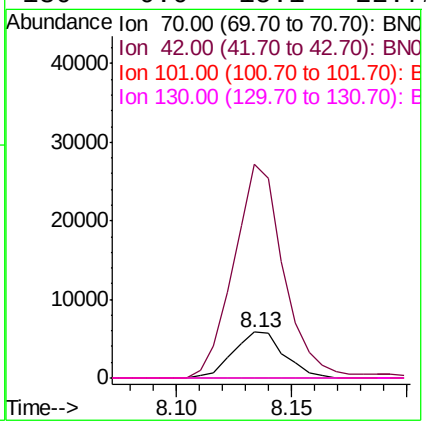


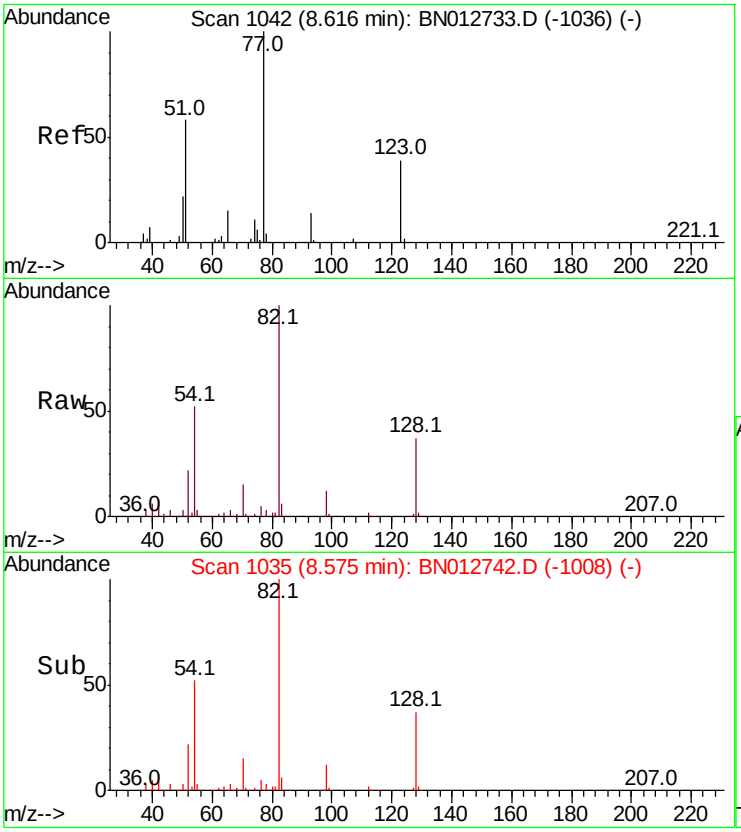




#17
N-Nitroso-di-n-propylamine
Concen: 1.349 ng/ul
RT: 8.13 min Scan# 960
Delta R.T. -0.10 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

Tgt Ion: 70 Resp: 9049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 469.3 | 53.7 | 80.5# |
| 101 | 0.0 | 7.7 | 11.5# |
| 130 | 0.0 | 15.1 | 22.7# |



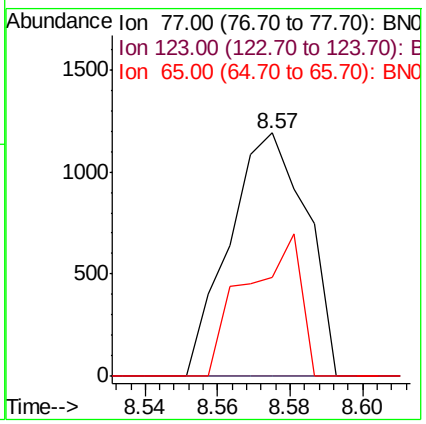


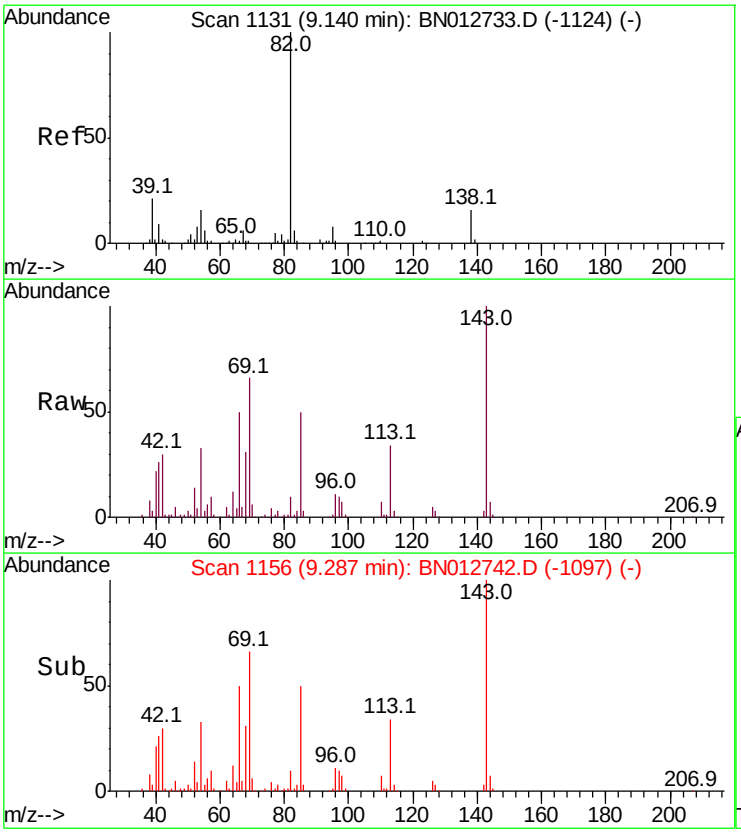

#22
Nitrobenzene
Concen: 0.174 ng/ul
RT: 8.57 min Scan# 1035
Delta R.T. -0.04 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

**Instrument :**
BNA_N
**ClientSampleId :**
SBLK233

Tgt Ion: 77 Resp: 1758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 31.3 | 46.9# |
| 65 | 40.5 | 11.7 | 17.5# |

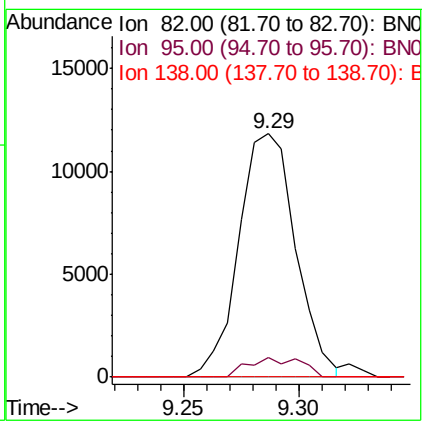


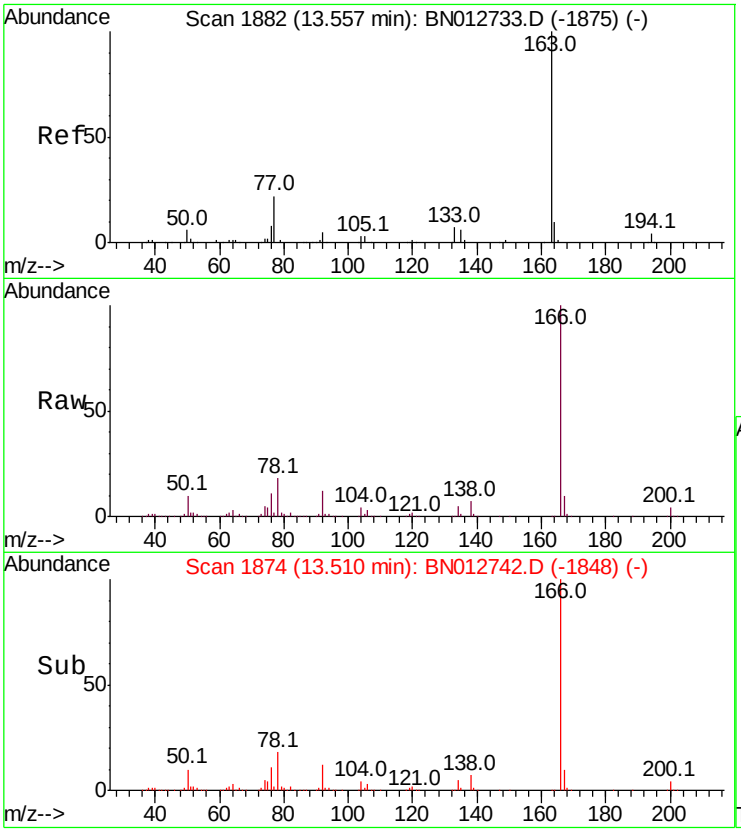




#23
Isophorone
Concen: 1.147 ng/ul
RT: 9.29 min Scan# 1156
Delta R.T. 0.15 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

Tgt Ion: 82 Resp: 20261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.1 | 6.5 | 9.7 |
| 138 | 0.0 | 12.6 | 19.0# |



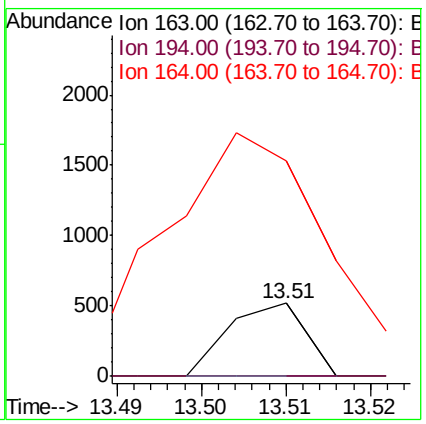


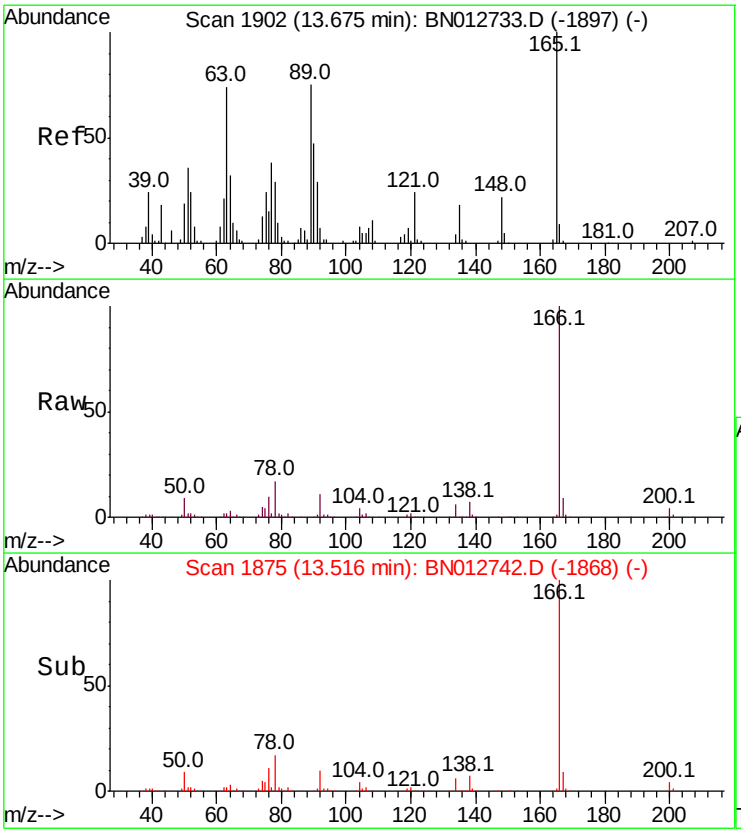

#47
Dimethylphthalate
Concen: 0.014 ng/ul
RT: 13.51 min Scan# 1874
Delta R.T. -0.05 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

**Instrument :**
BNA_N
**ClientSampleId :**
SBLK233

Tgt Ion:163 Resp: 329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 0.0 | 3.1 | 4.7# |
| 164 | 296.3 | 7.8 | 11.6# |

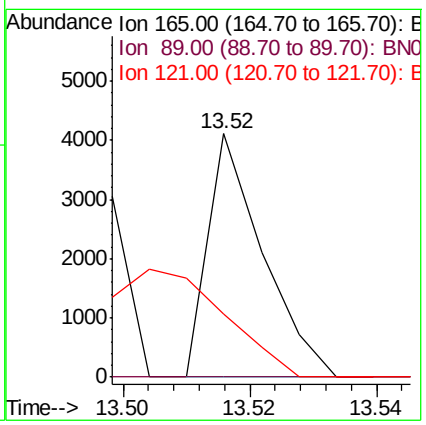


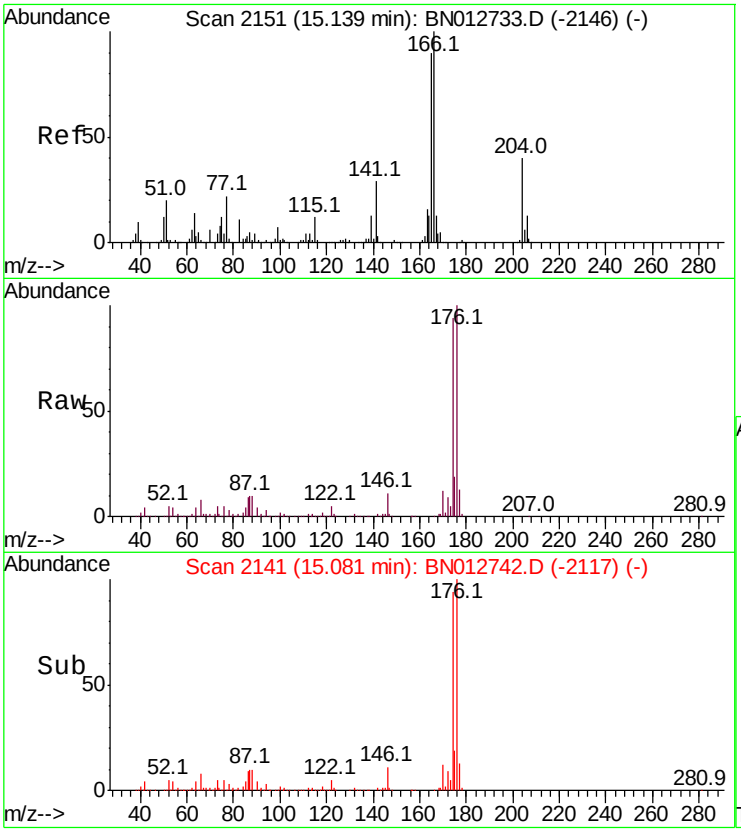




#48
2,6-Dinitrotoluene
Concen: 0.535 ng/ul
RT: 13.52 min Scan# 1875
Delta R.T. -0.16 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

Tgt Ion:165 Resp: 2453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 0.0 | 60.0 | 90.0# |
| 121 | 26.0 | 19.1 | 28.7 |



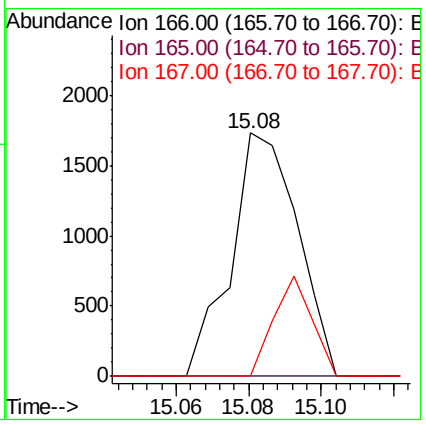


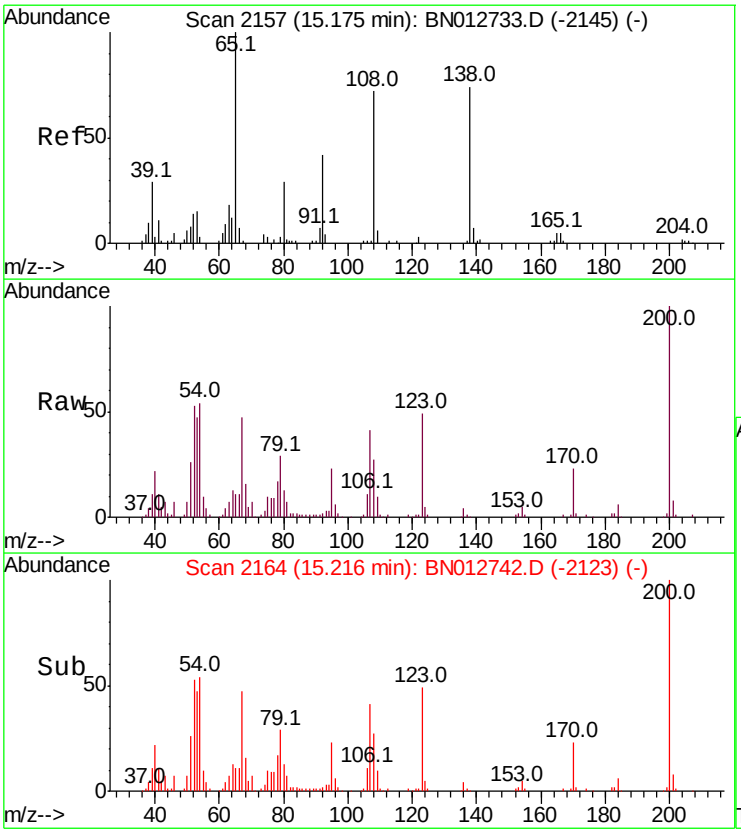

#61
Fluorene
Concen: 0.095 ng/ul
RT: 15.08 min Scan# 2141
Delta R.T. -0.06 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

**Instrument :**
BNA_N
**ClientSampleId :**
SBLK233

Tgt Ion:166 Resp: 2214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 0.0 | 71.8 | 107.8# |
| 167 | 0.0 | 10.2 | 15.2# |

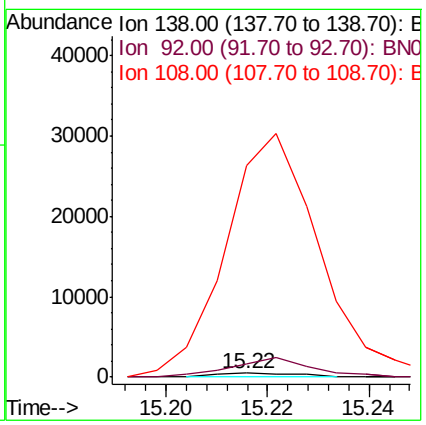


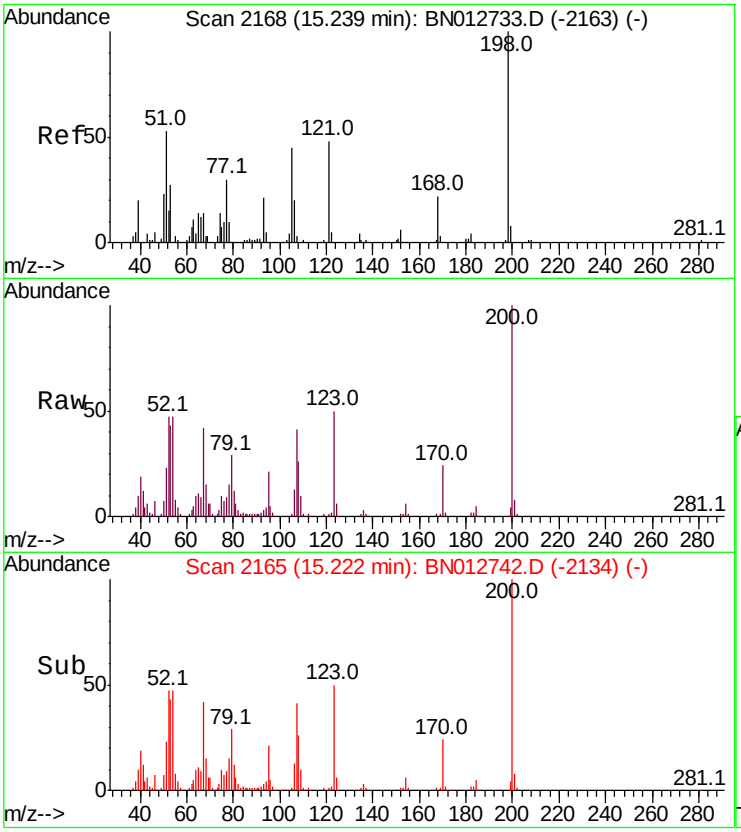




#63
4-Nitroaniline
Concen: 0.159 ng/ul
RT: 15.22 min Scan# 2164
Delta R.T. 0.04 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

Tgt Ion:138 Resp: 602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 355.3 | 47.0 | 70.4# |
| 108 | 5490.2 | 78.2 | 117.4# |



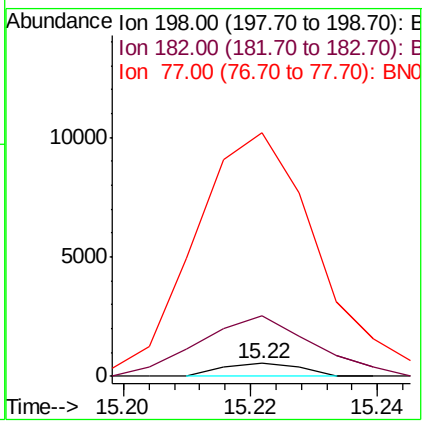


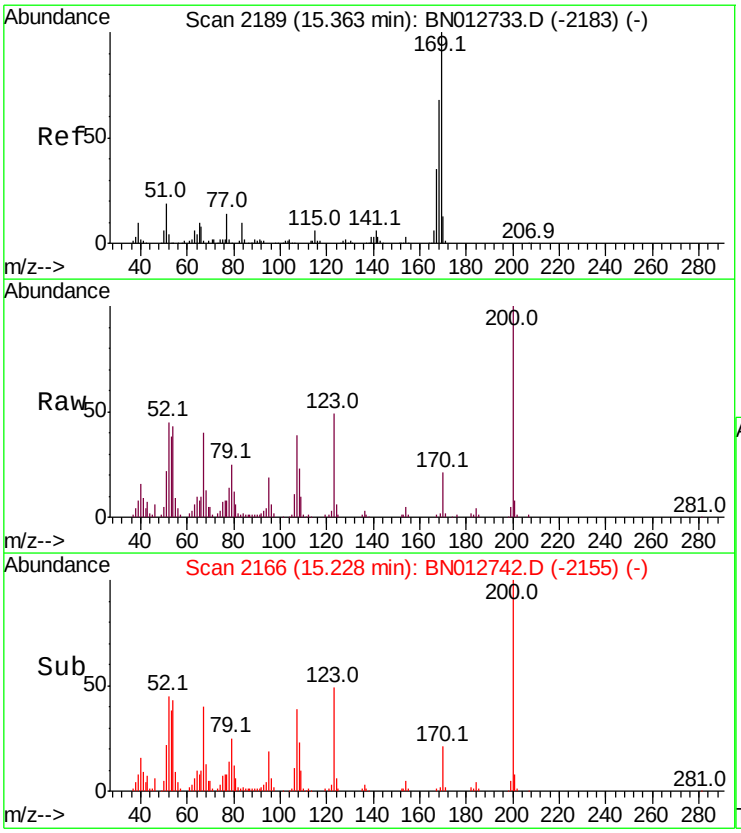

#66
4,6-Dinitro-2-methylphenol
Concen: 0.100 ng/ul
RT: 15.22 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

**Instrument :**
BNA_N
**ClientSampleId :**
SBLK233

Tgt Ion:198 Resp: 452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 182 | 485.8 | 4.2 | 6.2# |
| 77 | 1933.8 | 26.6 | 39.8# |

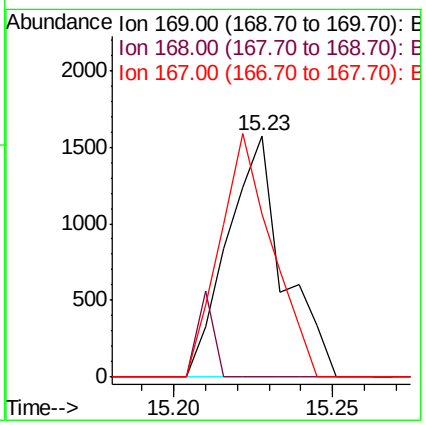


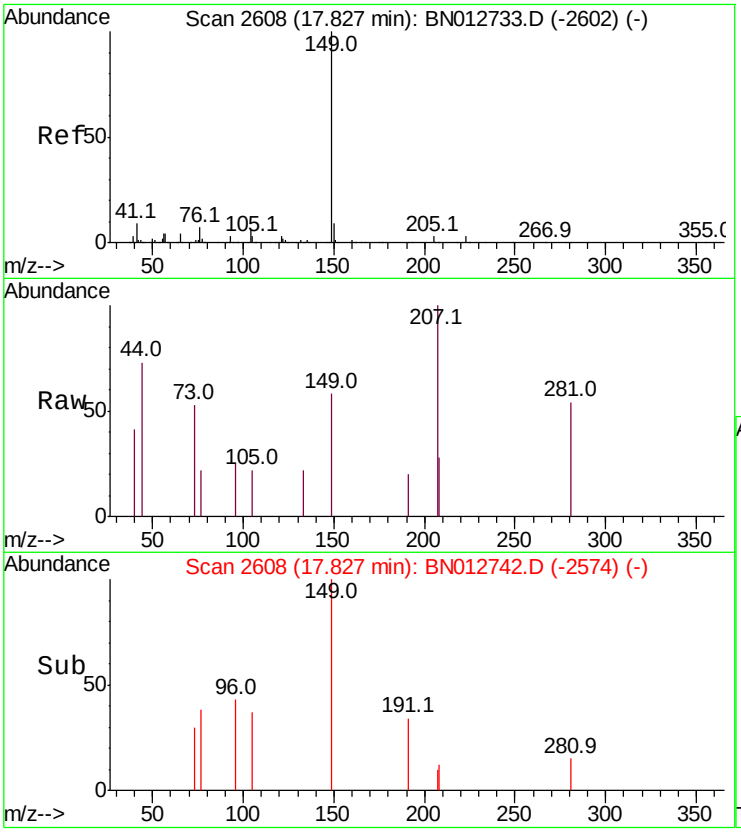




#67
N-Nitrosodiphenylamine
Concen: 0.101 ng/ul
RT: 15.23 min Scan# 2166
Delta R.T. -0.14 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

Tgt Ion:169 Resp: 1931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 0.0 | 54.2 | 81.2# |
| 167 | 67.7 | 28.0 | 42.0# |



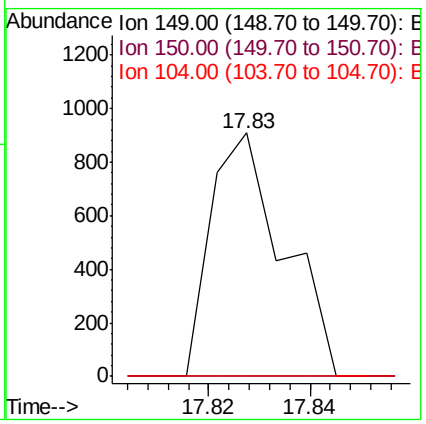


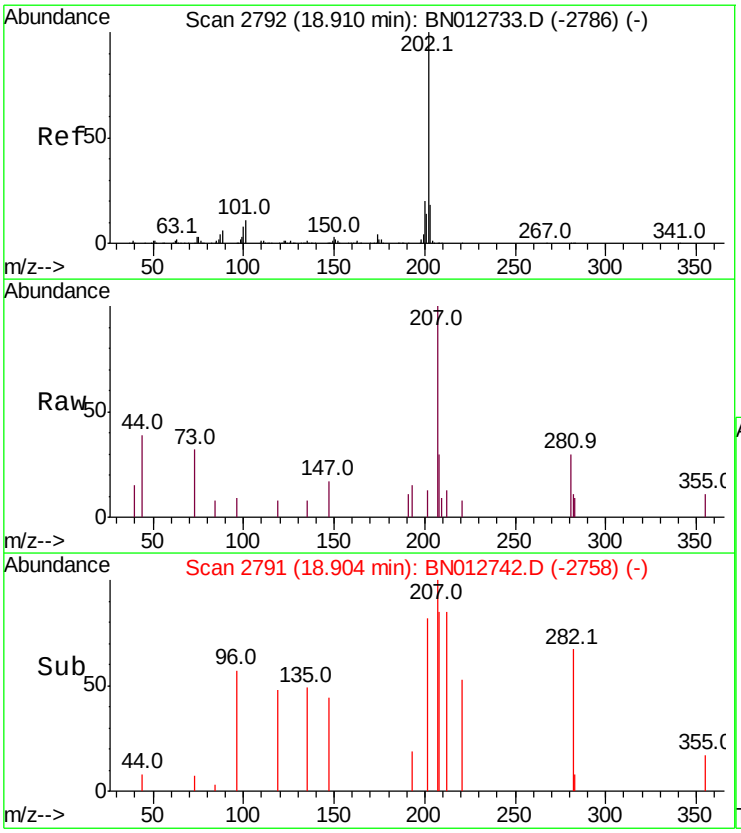

#78
Di-n-butylphthalate
Concen: 0.021 ng/ul
RT: 17.83 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

**Instrument :**
BNA_N
**ClientSampleId :**
SBLK233

Tgt Ion:149 Resp: 904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 0.0 | 7.4 | 11.0# |
| 104 | 0.0 | 4.8 | 7.2# |

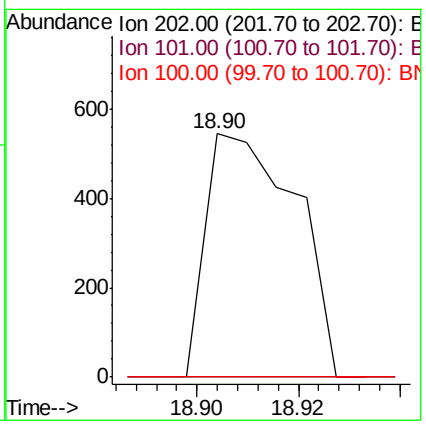


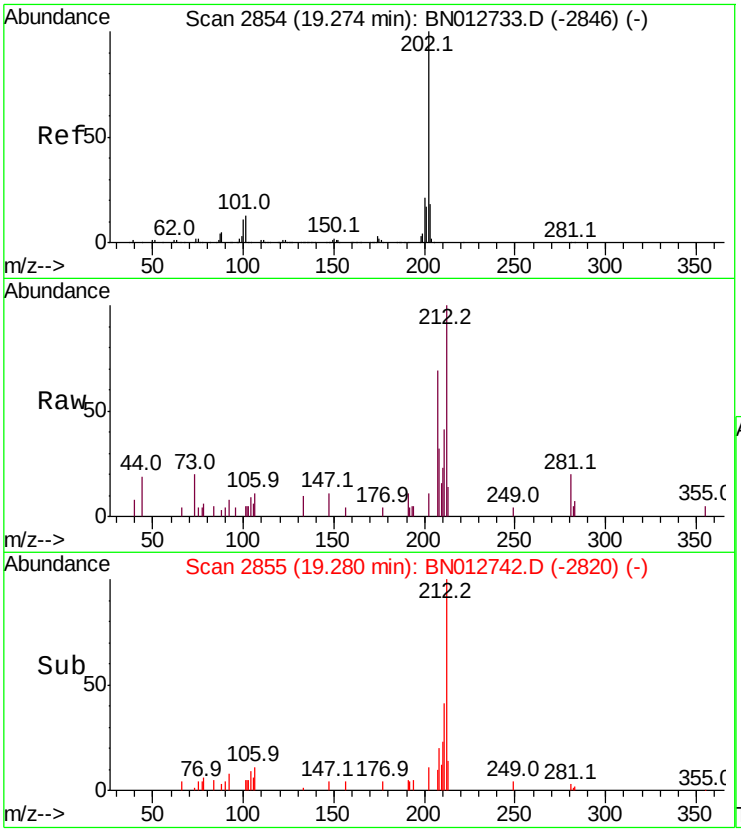




#80
Fluoranthene
Concen: 0.016 ng/ul
RT: 18.90 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

Tgt Ion:202 Resp: 669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 0.0 | 8.5 | 12.7# |
| 100 | 0.0 | 6.6 | 10.0# |



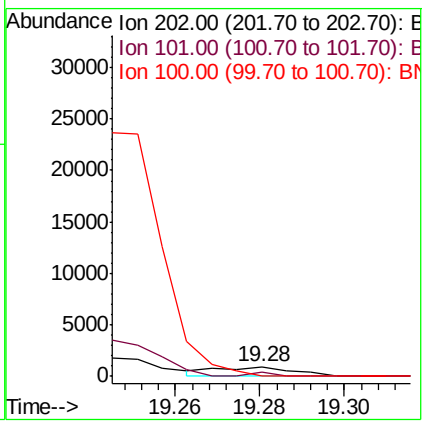


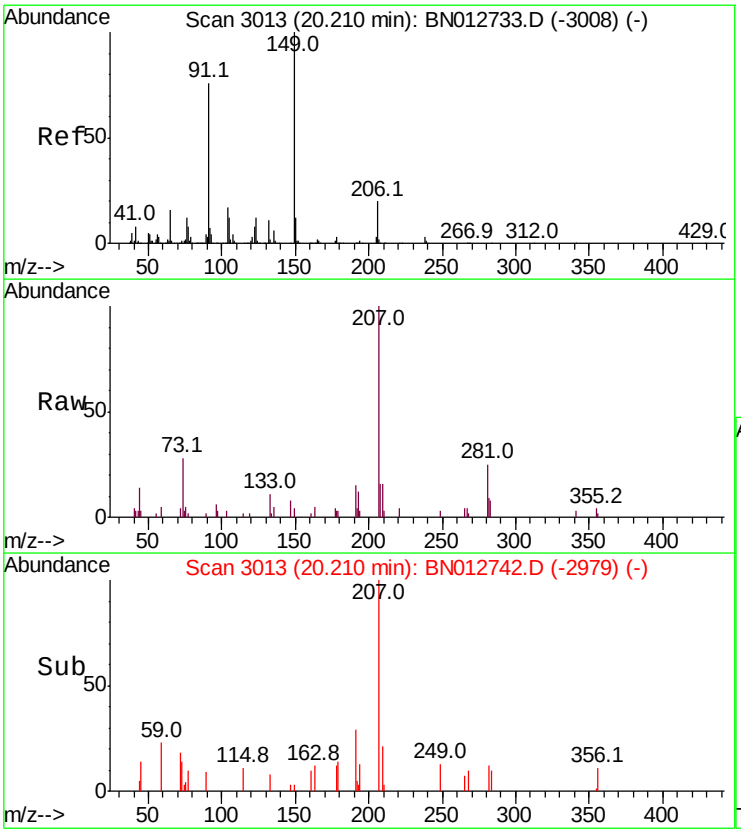

#82
Pyrene
Concen: 0.027 ng/ul
RT: 19.28 min Scan# 2855
Delta R.T. 0.01 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

**Instrument :**
BNA_N
**ClientSampleId :**
SBLK233

Tgt Ion:202 Resp: 1209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 42.2 | 10.1 | 15.1# |
| 100 | 0.0 | 8.6 | 13.0# |

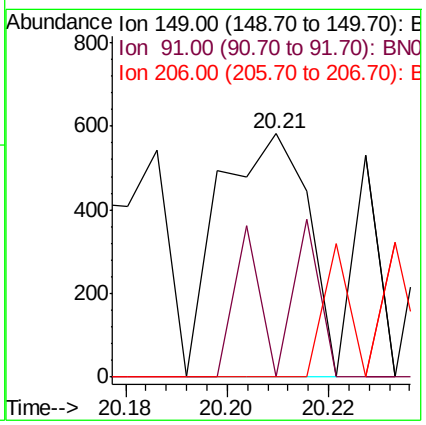


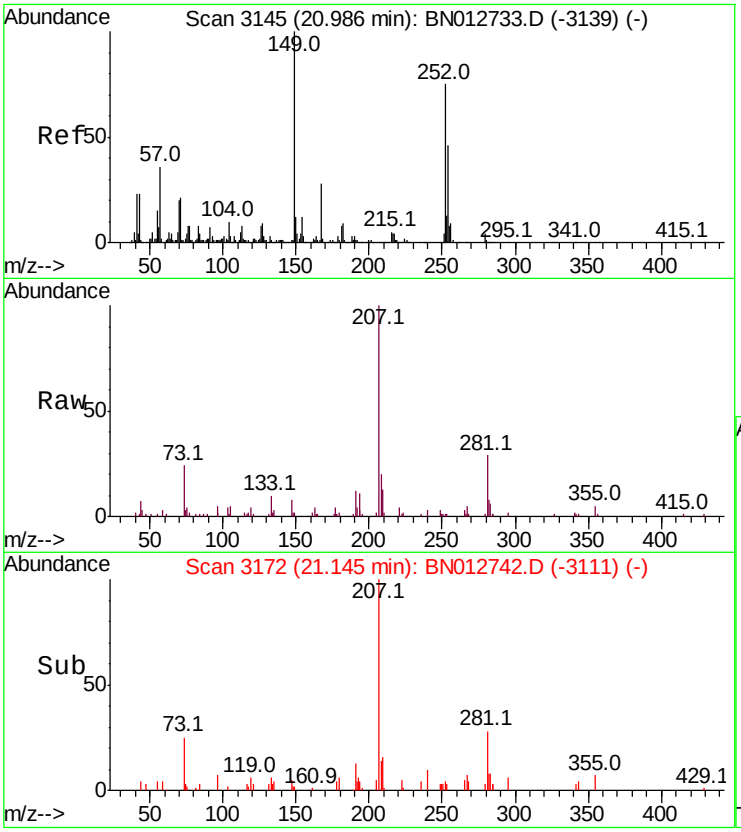




#83
Butylbenzylphthalate
Concen: 0.038 ng/ul
RT: 20.21 min Scan# 3013
Delta R.T. 0.00 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

Tgt Ion:149 Resp: 707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 0.0 | 60.5 | 90.7# |
| 206 | 0.0 | 16.2 | 24.4# |



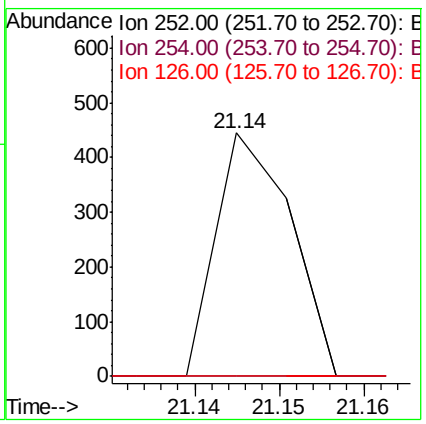


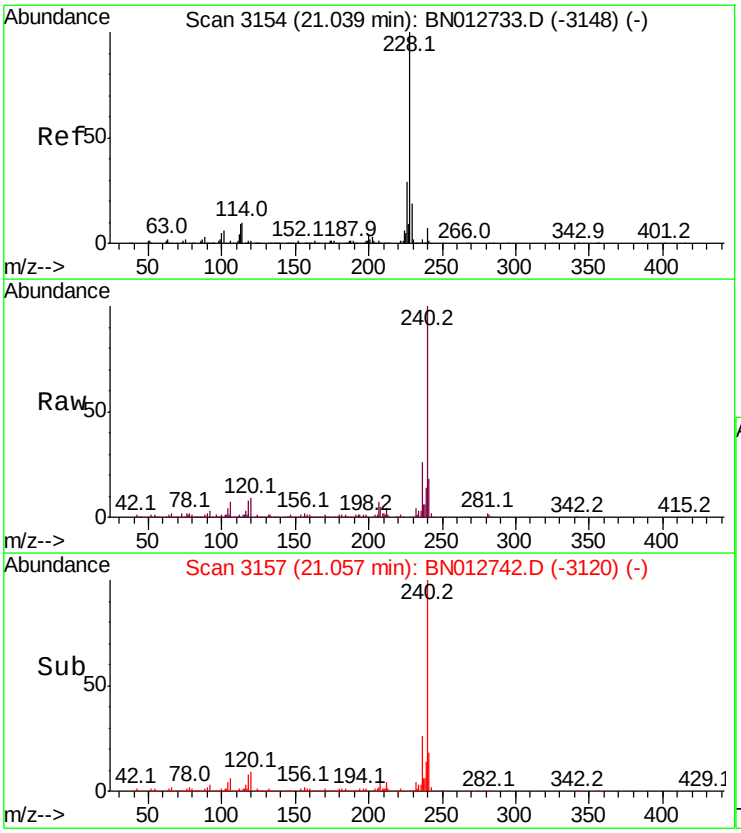

#84
3,3'-Dichlorobenzidine
Concen: 0.018 ng/ul
RT: 21.14 min Scan# 3172
Delta R.T. 0.16 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

**Instrument :**
BNA_N
**ClientSampleId :**
SBLK233

Tgt Ion:252 Resp: 272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 0.0 | 49.7 | 74.5# |
| 126 | 0.0 | 8.6 | 13.0# |

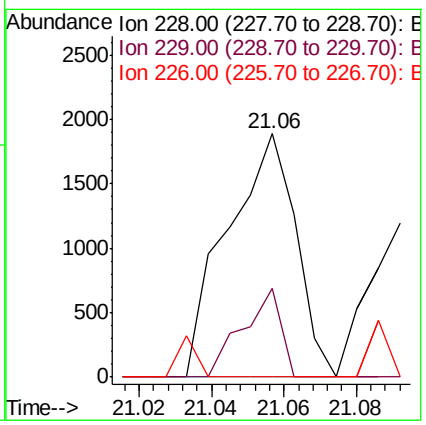


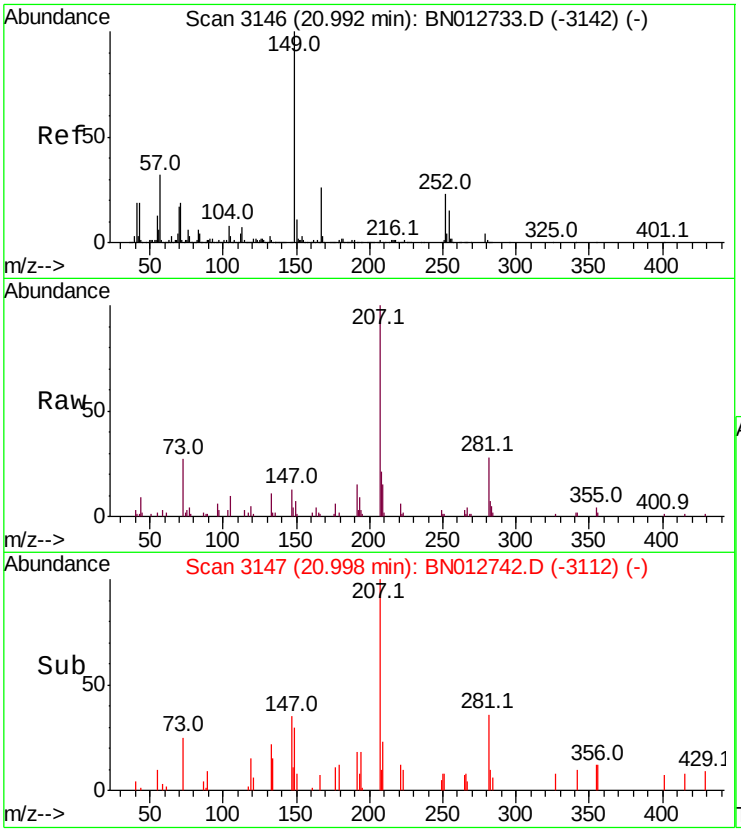




#85
Benzo(a)anthracene
Concen: 0.057 ng/ul
RT: 21.06 min Scan# 3157
Delta R.T. 0.02 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

Tgt Ion:228 Resp: 2469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 36.2 | 15.6 | 23.4# |
| 226 | 0.0 | 22.9 | 34.3# |



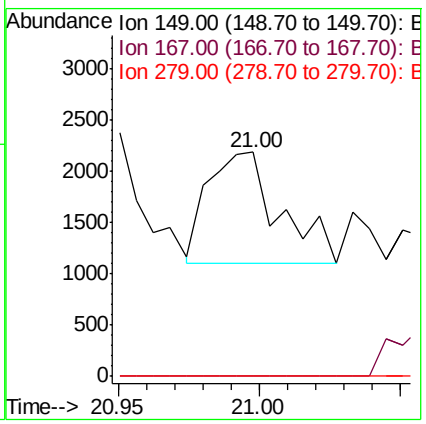


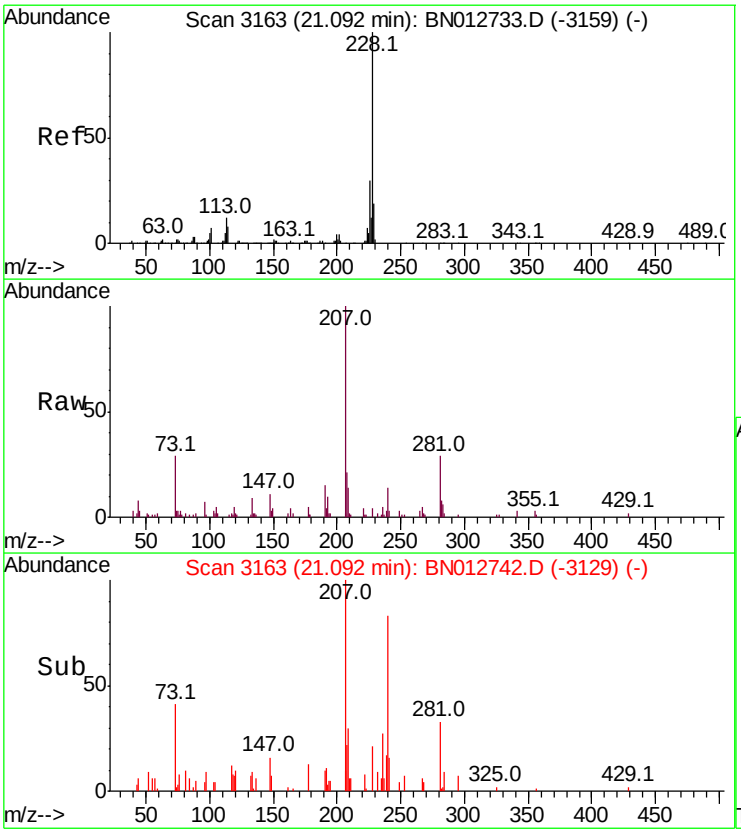

#86
Bis(2-ethylhexyl)phthalate
Concen: 0.063 ng/ul
RT: 21.00 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

**Instrument :**
BNA_N
**ClientSampleId :**
SBLK233

Tgt Ion:149 Resp: 1911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 0.0 | 20.7 | 31.1# |
| 279 | 0.0 | 3.1 | 4.7# |

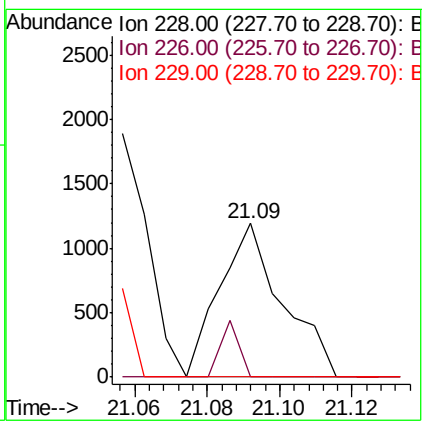


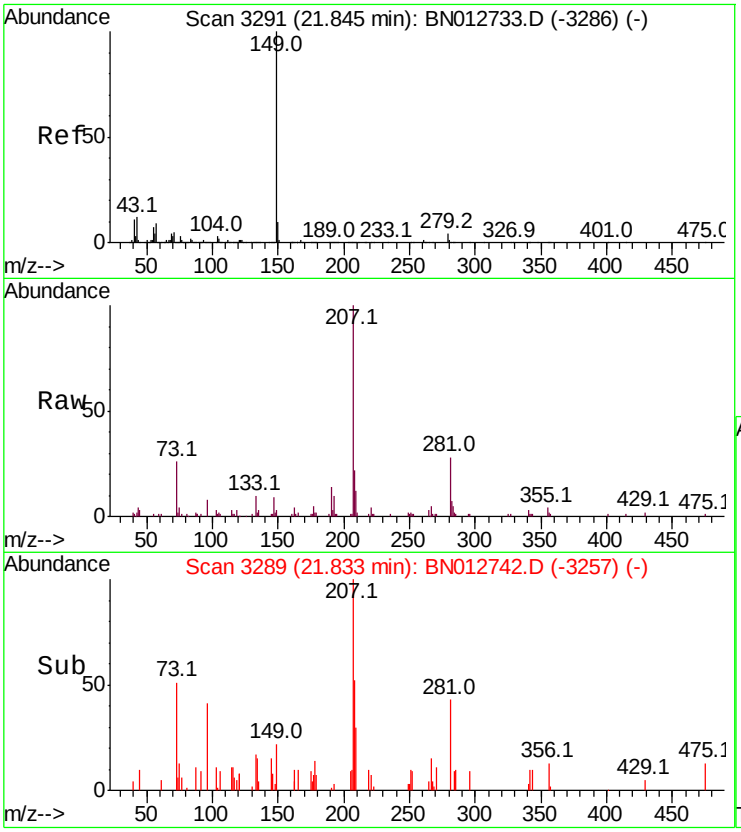




#87
Chrysene
Concen: 0.034 ng/ul
RT: 21.09 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

Tgt Ion:228 Resp: 1435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 0.0 | 23.8 | 35.6# |
| 229 | 0.0 | 15.1 | 22.7# |

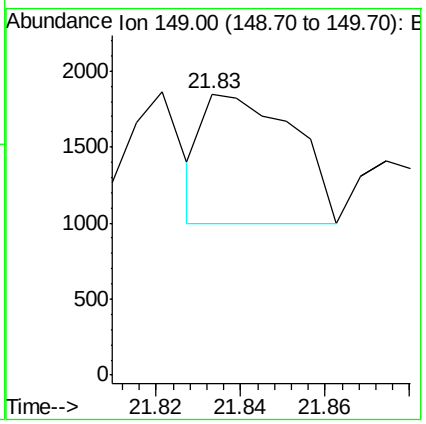


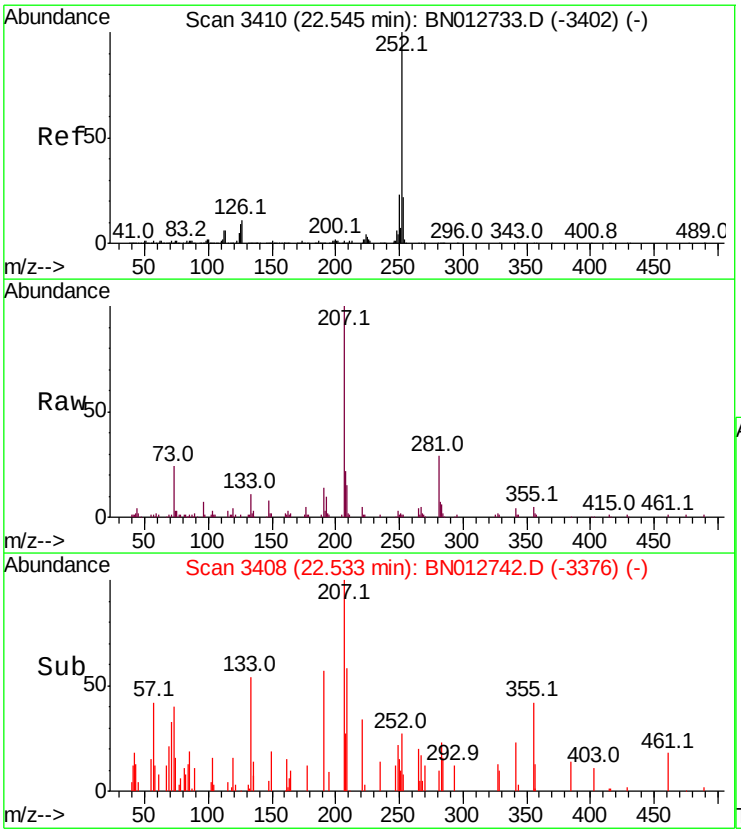



#89
Di-n-octyl phthalate
Concen: 0.023 ng/ul
RT: 21.83 min Scan# 3289
Delta R.T. -0.01 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

**Instrument :**
BNA_N
**ClientSampleId :**
SBLK233

Tgt Ion:149 Resp: 1272

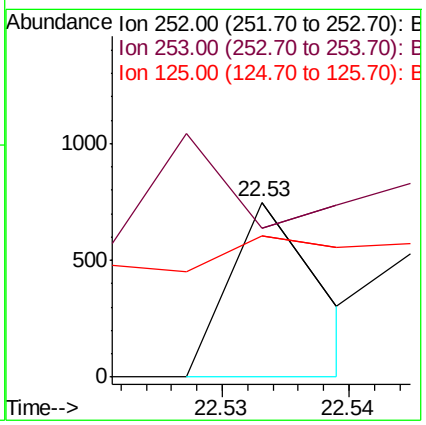


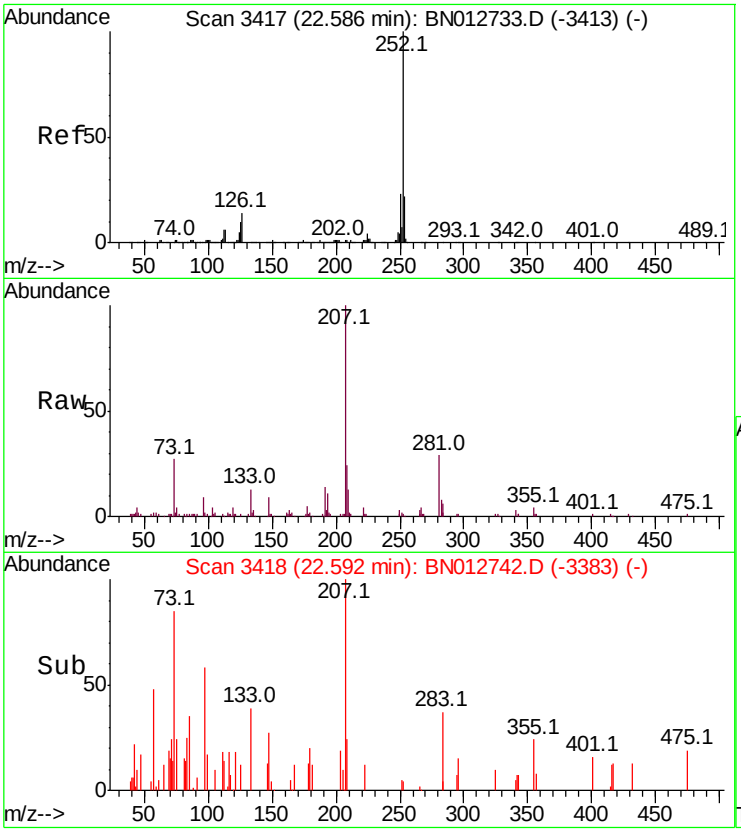




#90
Benzo(b)fluoranthene
Concen: 0.008 ng/ul
RT: 22.53 min Scan# 3408
Delta R.T. -0.01 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

Tgt Ion:252 Resp: 372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 85.4 | 17.7 | 26.5# |
| 125 | 81.3 | 7.6 | 11.4# |



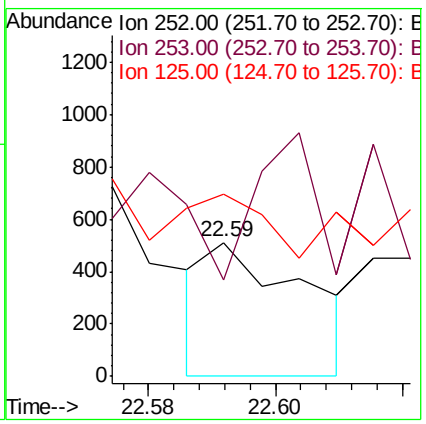


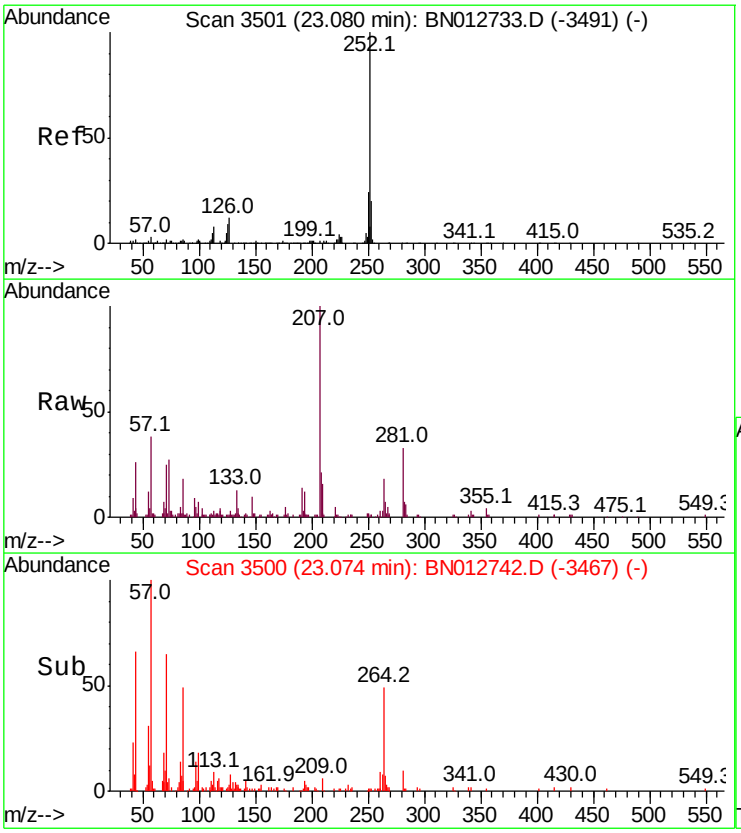

#91
Benzo(k)fluoranthene
Concen: 0.012 ng/ul
RT: 22.59 min Scan# 3418
Delta R.T. 0.01 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

**Instrument :**
BNA_N
**ClientSampleId :**
SBLK233

Tgt Ion:252 Resp: 542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 72.0 | 17.4 | 26.2# |
| 125 | 136.3 | 7.8 | 11.8# |




#93
Benzo(a)pyrene
Concen: 0.019 ng/ul
RT: 23.07 min Scan# 3500
Delta R.T. -0.01 min
Lab File: BN012742.D
Acq: 25 Nov 2020 21:31

Tgt Ion:252 Resp: 827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 87.9 | 16.1 | 24.1# |
| 125 | 140.8 | 7.4 | 11.0# |