Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082418\
Data File : BN002522.D
Acq On : 25 Aug 2018 03:48
Operator : JU/SJ
Sample : J4628-22MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Aug 25 05:01:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 25 04:34:18 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.67 | 152 | 144954 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.44 | 136 | 691143 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.30 | 164 | 428220 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.05 | 188 | 1009823 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.25 | 240 | 1131498 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.46 | 264 | 1155811 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.23 | 96 | 18922 | 6.16 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.85 | 99 | 111159 | 8.36 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.01 | 67 | 304841 | 36.52 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.20 | 132 | 300926 | 29.73 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.38 | 113 | 204478 | 19.24 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.82 | 128 | 203463 | 36.98 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.53 | 143 | 215775 | 37.29 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.07 | 165 | 355059 | 33.40 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.59 | 131 | 64468 | 5.61 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.72 | 166 | 1342399 | 37.82 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.99 | 160 | 1662346 | 38.17 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.52 | 143 | 35580 | 5.30 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.30 | 176 | 1165827 | 37.88 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 189238 | 29.43 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.15 | 188 | 1834012 | 38.02 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.45 | 212 | 2073696 | 38.30 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.33 | 264 | 2296559 | 38.00 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.88 | 94 | 109382 | 8.081 | ng/ul | 90 |
| 10) 2-Chlorophenol | 7.24 | 128 | 279414 | 27.414 | ng/ul# | 88 |
| 15) N-Nitroso-di-n-propylamine | 8.47 | 70 | 332283 | 37.070 | ng/ul# | 82 |
| 33) 4-Chloro-3-methylphenol | 11.73 | 107 | 347923 | 29.372 | ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 13.72 | 165 | 8441 | 1.200 | ng/ul# | 42 |
| 49) Acenaphthene | 14.36 | 153 | 1024539 | 35.031 | ng/ul | 98 |
| 52) 4-Nitrophenol | 14.53 | 109 | 35370 | 6.955 | ng/ul# | 82 |
| 54) 2,4-Dinitrotoluene | 14.68 | 165 | 359111 | 33.861 | ng/ul# | 83 |
| 68) Pentachlorophenol | 16.70 | 266 | 214601 | 33.345 | ng/ul | 100 |
| 79) Pyrene | 19.48 | 202 | 2444041 | 35.823 | ng/ul | 99 |

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

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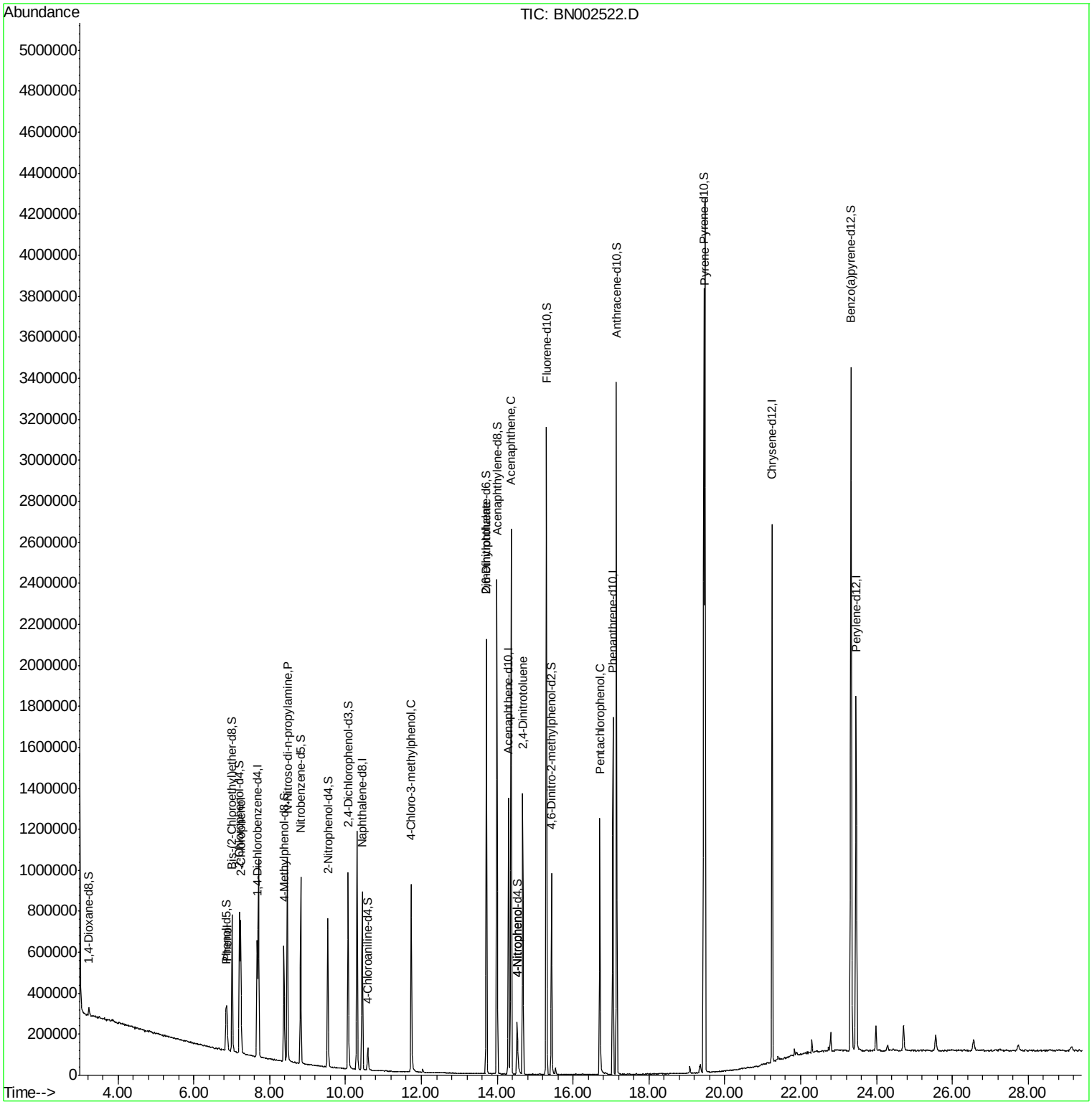
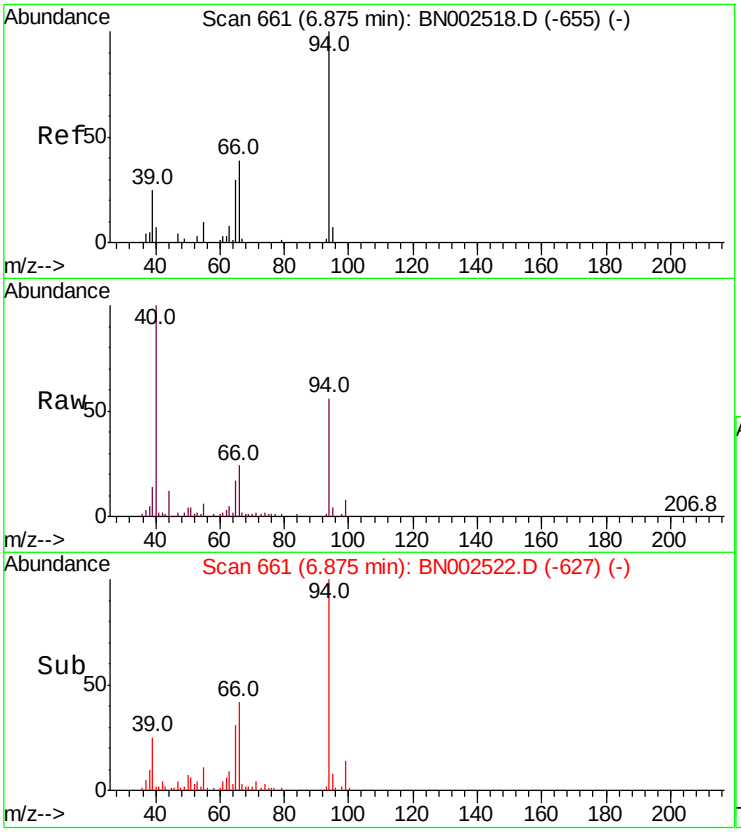
Sample : J4628-22MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Aug 25 05:01:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 25 04:34:18 2018
Response via : Initial Calibration



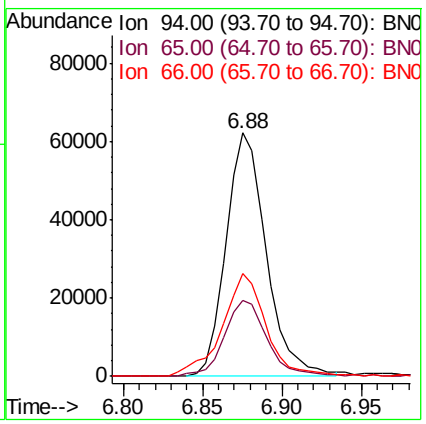


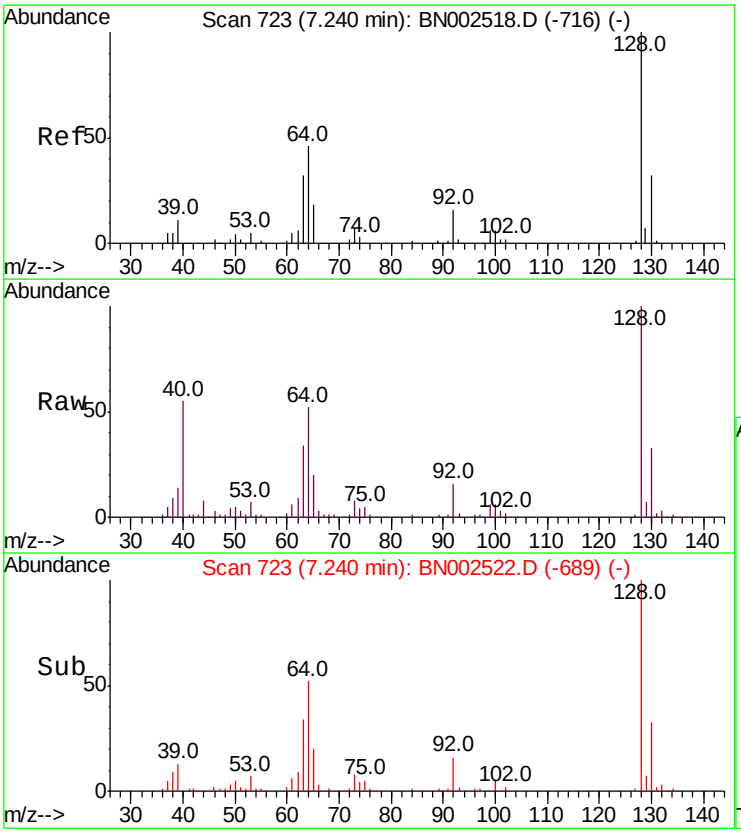

#6
Phenol
Concen: 8.081 ng/ul
RT: 6.88 min Scan# 661
Delta R.T. -0.00 min
Lab File: BN002522.D
Acq: 25 Aug 2018 03:48

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

Tgt Ion: 94 Resp: 109382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.2 | 21.0 | 31.6 |
| 66 | 42.4 | 29.3 | 43.9 |

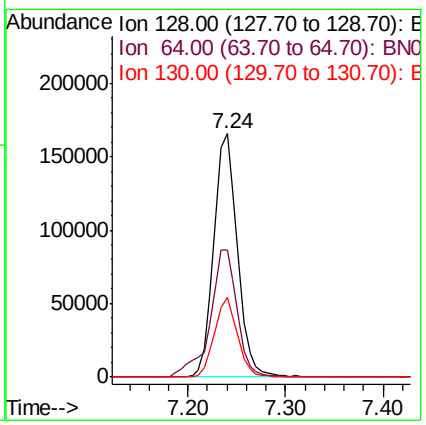


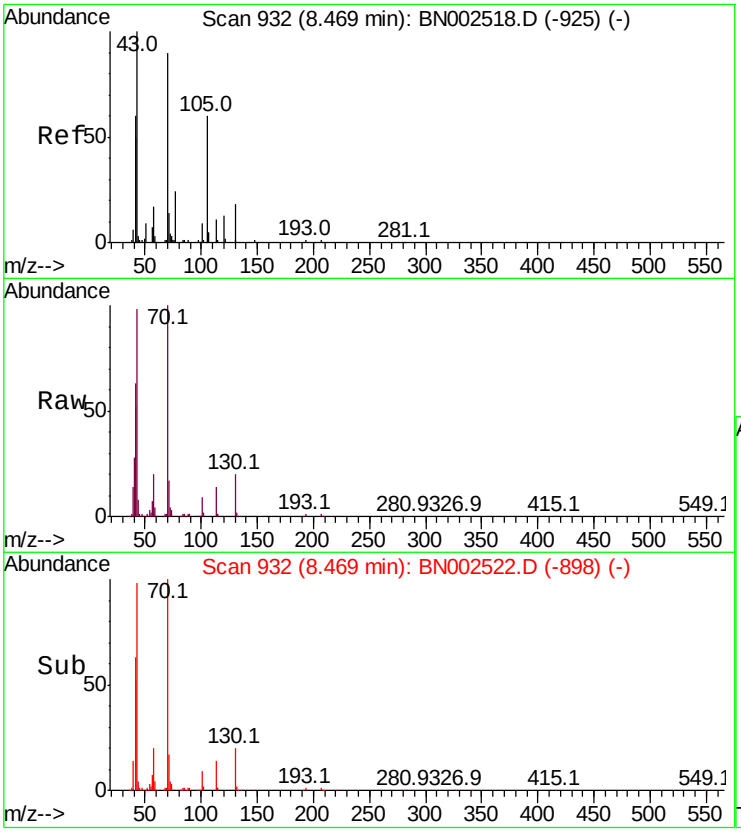




#10
2-Chlorophenol
Concen: 27.414 ng/ul
RT: 7.24 min Scan# 723
Delta R.T. -0.00 min
Lab File: BN002522.D
Acq: 25 Aug 2018 03:48

Tgt Ion:128 Resp: 279414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 64 | 52.5 | 31.9 | 47.9# |
| 130 | 32.6 | 25.6 | 38.4 |



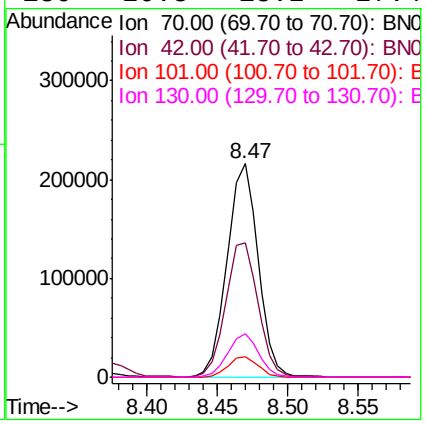


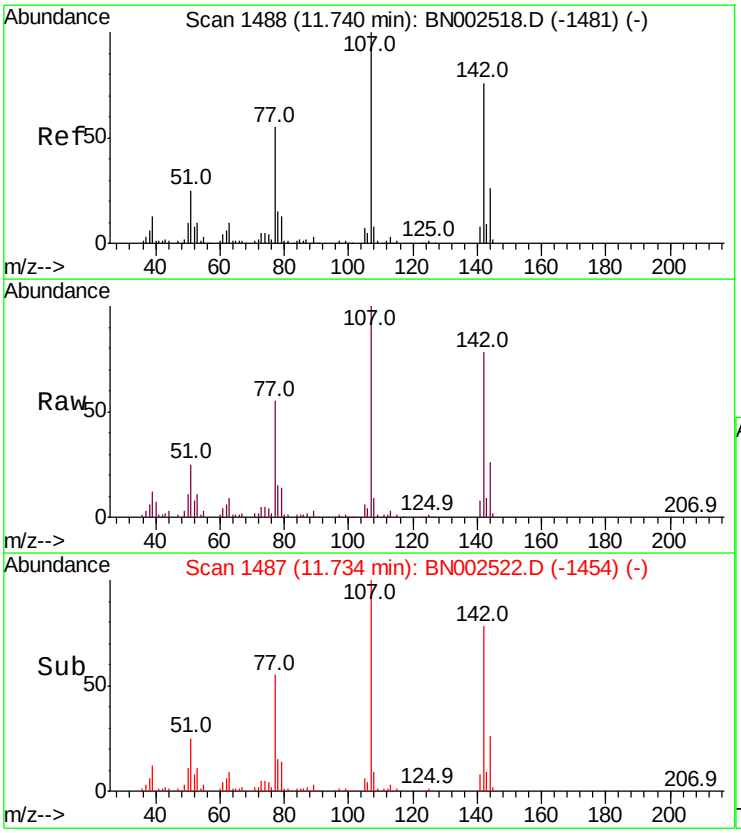

#15
N-Nitroso-di-n-propylamine
Concen: 37.070 ng/ul
RT: 8.47 min Scan# 932
Delta R.T. -0.00 min
Lab File: BN002522.D
Acq: 25 Aug 2018 03:48

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

Tgt Ion: 70 Resp: 332283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 62.8 | 35.4 | 53.0# |
| 101 | 9.5 | 8.4 | 12.6 |
| 130 | 20.3 | 18.2 | 27.4 |

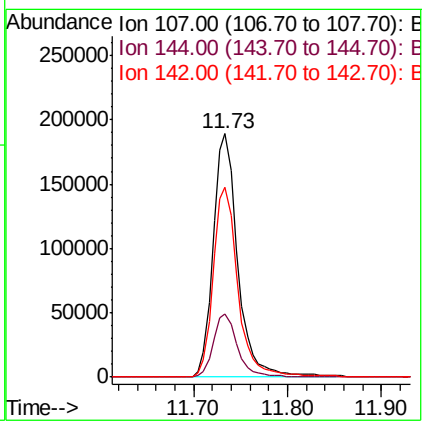


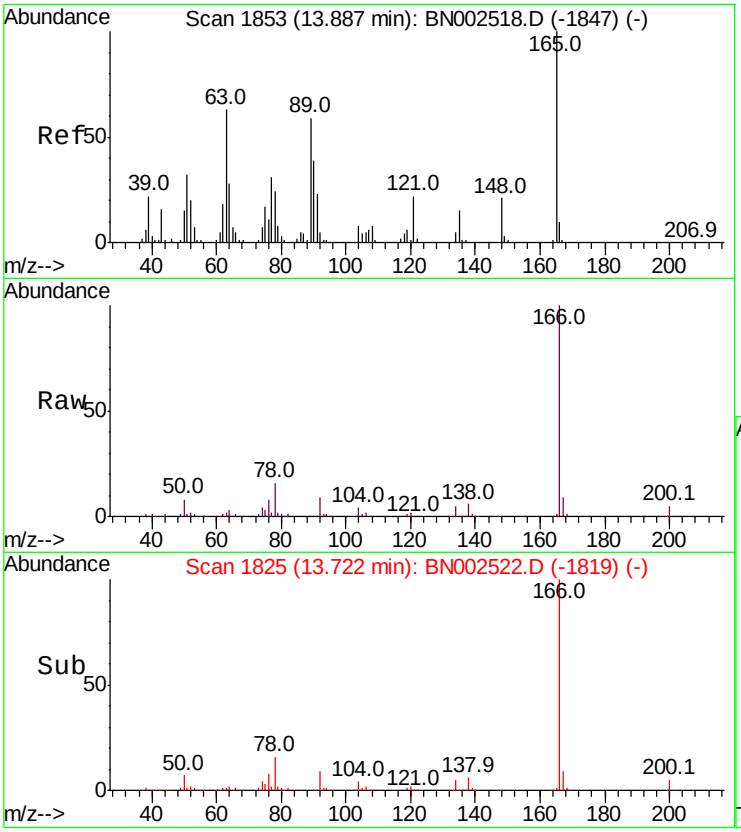




#33
4-Chloro-3-methylphenol
Concen: 29.372 ng/ul
RT: 11.73 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BN002522.D
Acq: 25 Aug 2018 03:48

Tgt Ion:107 Resp: 347923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.0 | 20.4 | 30.6 |
| 142 | 77.7 | 62.5 | 93.7 |



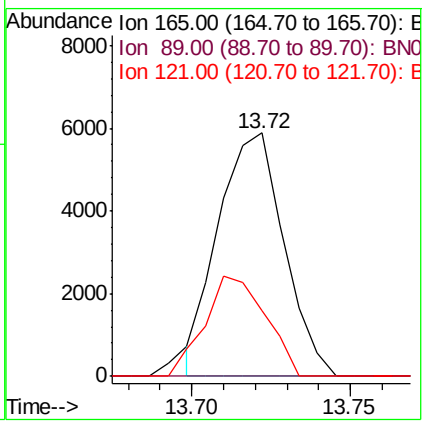


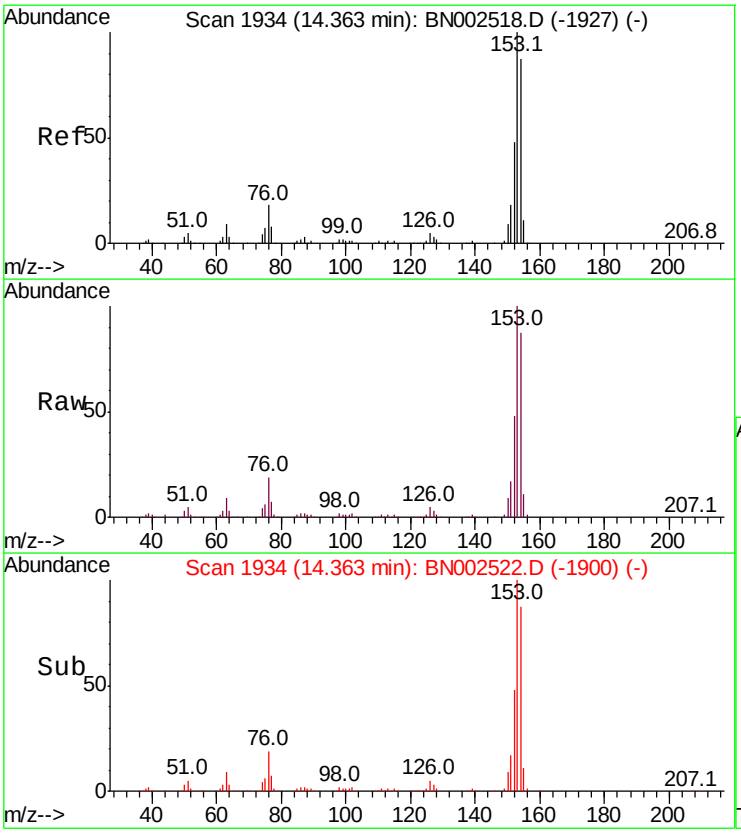

#45
2,6-Dinitrotoluene
Concen: 1.200 ng/ul
RT: 13.72 min Scan# 1825
Delta R.T. -0.16 min
Lab File: BN002522.D
Acq: 25 Aug 2018 03:48

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

Tgt Ion:165 Resp: 8441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 0.0 | 42.4 | 63.6# |
| 121 | 27.1 | 16.6 | 24.8# |

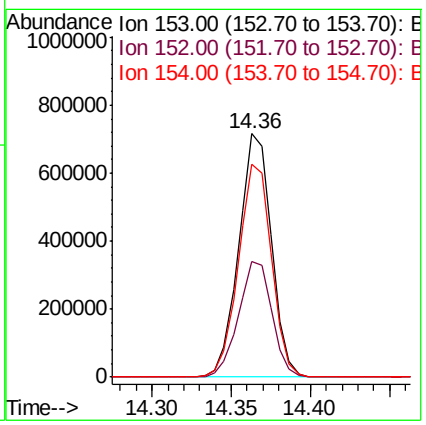


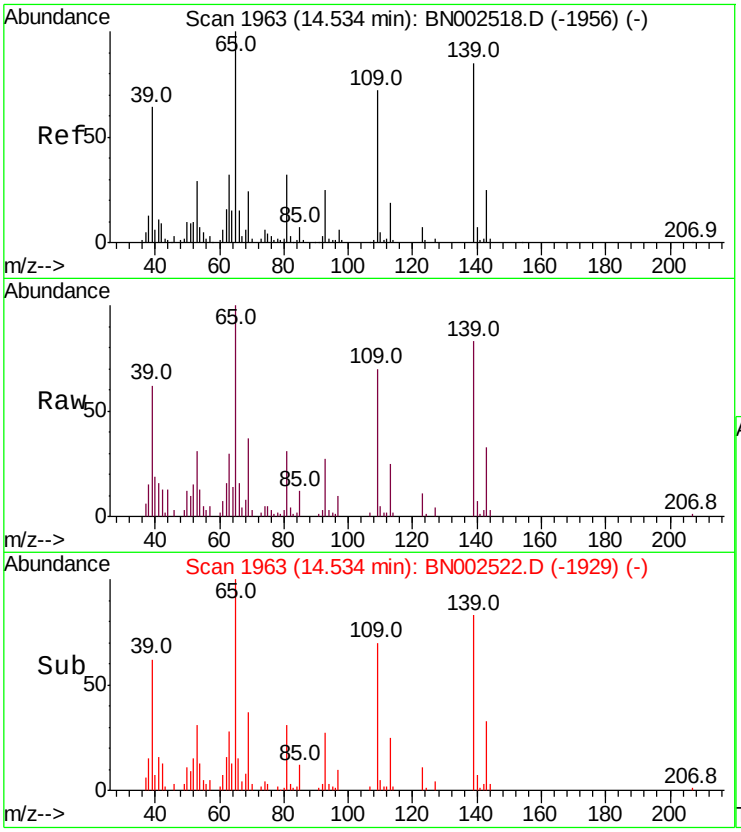




#49
Acenaphthene
Concen: 35.031 ng/ul
RT: 14.36 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BN002522.D
Acq: 25 Aug 2018 03:48

Tgt Ion:153 Resp: 1024539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 47.6 | 38.3 | 57.5 |
| 154 | 87.3 | 71.8 | 107.8 |



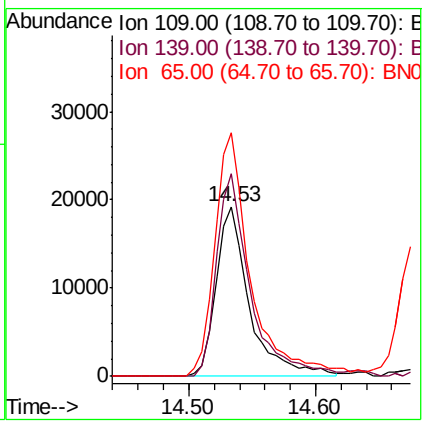


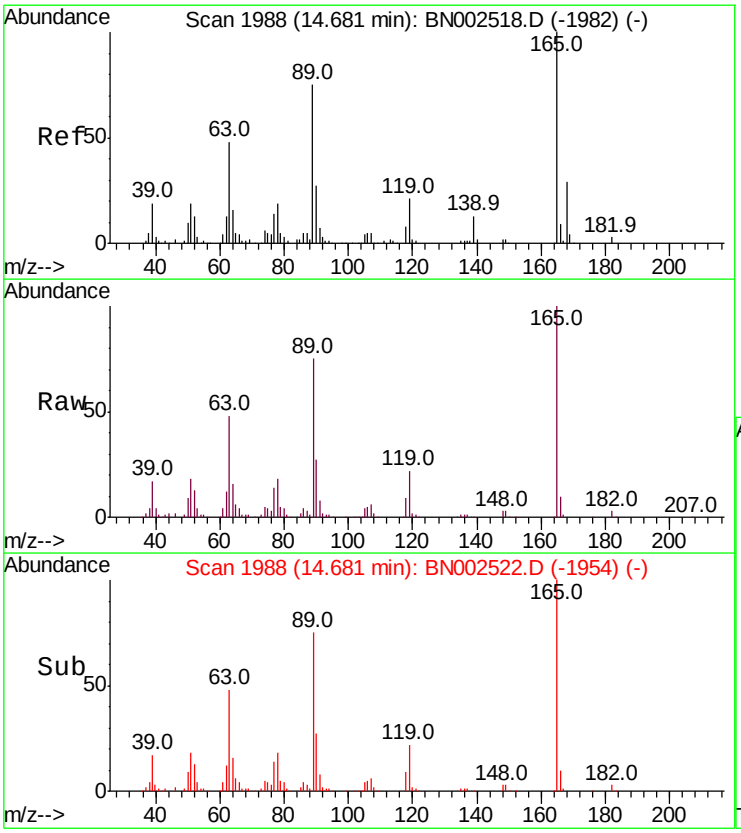

#52
4-Nitrophenol
Concen: 6.955 ng/ul
RT: 14.53 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BN002522.D
Acq: 25 Aug 2018 03:48

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

Tgt Ion:109 Resp: 35370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 109 | 100 | | |
| 139 | 119.6 | 103.7 | 155.5 |
| 65 | 143.6 | 89.4 | 134.2# |

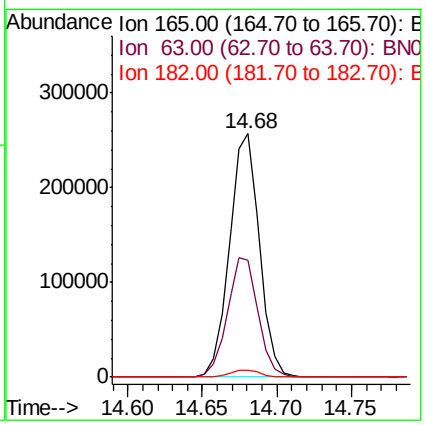


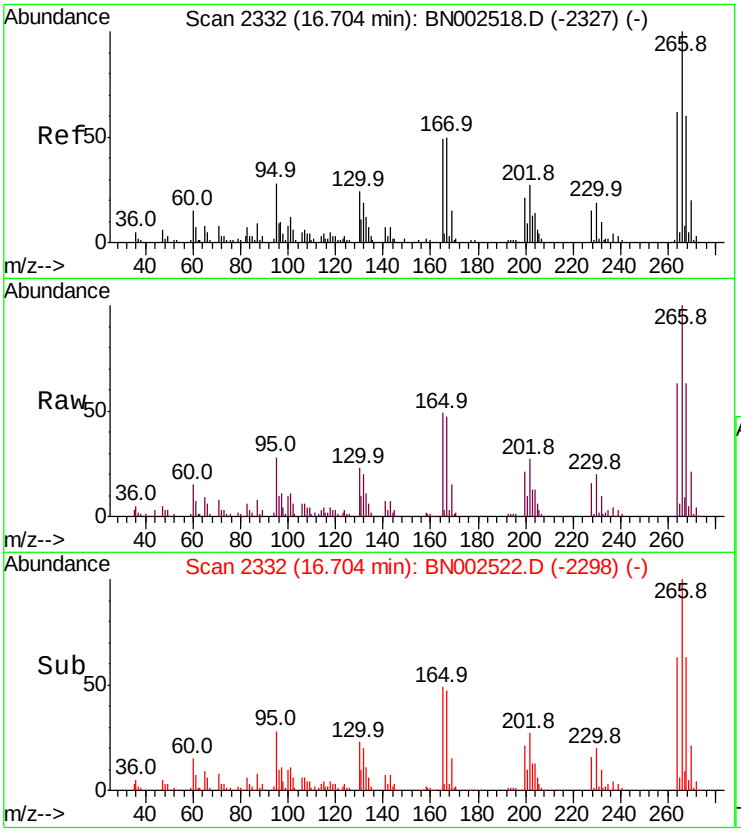




#54
2,4-Dinitrotoluene
Concen: 33.861 ng/ul
RT: 14.68 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BN002522.D
Acq: 25 Aug 2018 03:48

Tgt Ion:165 Resp: 359111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 48.1 | 29.8 | 44.6# |
| 182 | 3.0 | 2.2 | 3.4 |



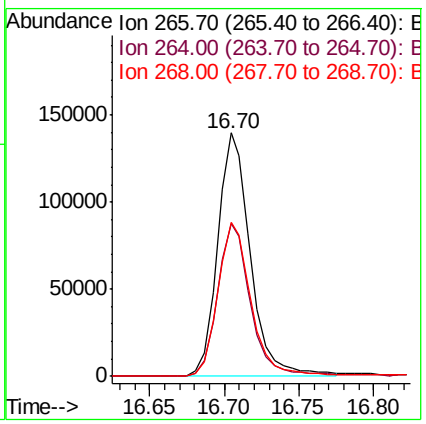


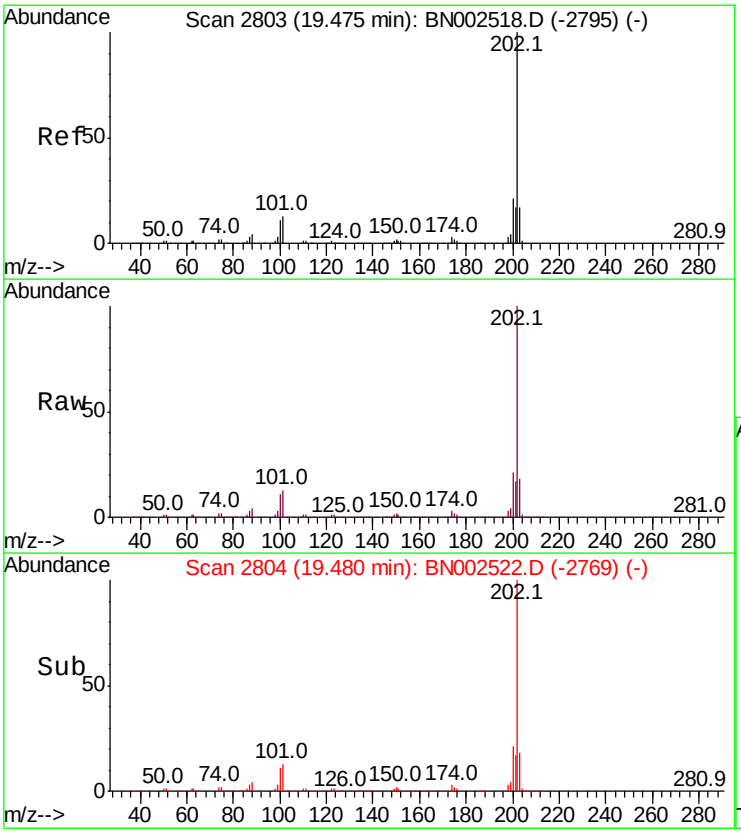

#68
Pentachlorophenol
Concen: 33.345 ng/ul
RT: 16.70 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BN002522.D
Acq: 25 Aug 2018 03:48

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

Tgt Ion:266 Resp: 214601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 62.6 | 50.5 | 75.7 |
| 268 | 63.4 | 50.9 | 76.3 |




#79
Pyrene
Concen: 35.823 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.01 min
Lab File: BN002522.D
Acq: 25 Aug 2018 03:48

Tgt Ion:202 Resp: 2444041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.0 | 10.2 | 15.2 |
| 100 | 10.7 | 8.5 | 12.7 |