Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
Data File : BM028166.D
Acq On : 18 Dec 2020 19:52
Operator : JU/CG
Sample : L5068-06MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** A54G5MS

Quant Time: Dec 19 00:13:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 19 00:05:02 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.21 | 152 | 109527 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.04 | 136 | 435486 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.83 | 164 | 240318 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.56 | 188 | 487060 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.66 | 240 | 479149 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 24.03 | 264 | 501753 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.42 | 96 | 12772 | 4.64 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.35 | 99 | 233309 | 25.29 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.52 | 67 | 143799 | 24.60 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.73 | 132 | 199289 | 25.62 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8 | 8.91 | 113 | 184538 | 24.52 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5 | 9.38 | 128 | 90035 | 26.36 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4 | 10.11 | 143 | 98061 | 28.20 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.65 | 165 | 175550 | 24.94 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4 | 11.16 | 131 | 246594 | 29.56 | ng/ul | -0.01 |
| 44) Dimethylphthalate-d6 | 14.23 | 166 | 513508 | 27.74 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.53 | 160 | 649478 | 27.96 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 15.00 | 143 | 87670 | 26.04 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.82 | 176 | 432458 | 26.10 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.92 | 200 | 67724 | 23.35 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.65 | 188 | 667920 | 27.63 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.91 | 212 | 729315 | 27.29 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.88 | 264 | 766602 | 27.74 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.38 | 94 | 247269 | 26.811 | ng/ul | 98 |
| 10) 2-Chlorophenol | 7.76 | 128 | 191261 | 24.084 | ng/ul | 99 |
| 15) N-Nitroso-di-n-propylamine | 9.02 | 70 | 136634 | 24.052 | ng/ul | 93 |
| 33) 4-Chloro-3-methylphenol | 12.29 | 107 | 172794 | 24.012 | ng/ul | 100 |
| 45) Dimethylphthalate | 14.27 | 163 | 70078 | 3.704 | ng/ul | 100 |
| 50) Acenaphthene | 14.90 | 153 | 411734 | 24.364 | ng/ul | 98 |
| 53) 4-Nitrophenol | 15.02 | 109 | 66618 | 25.429 | ng/ul | 96 |
| 55) 2,4-Dinitrotoluene | 15.18 | 165 | 134504 | 25.972 | ng/ul | 94 |
| 69) Pentachlorophenol | 17.20 | 266 | 90255 | 25.086 | ng/ul | 96 |
| 80) Pyrene | 19.94 | 202 | 878245 | 24.322 | ng/ul | 98 |

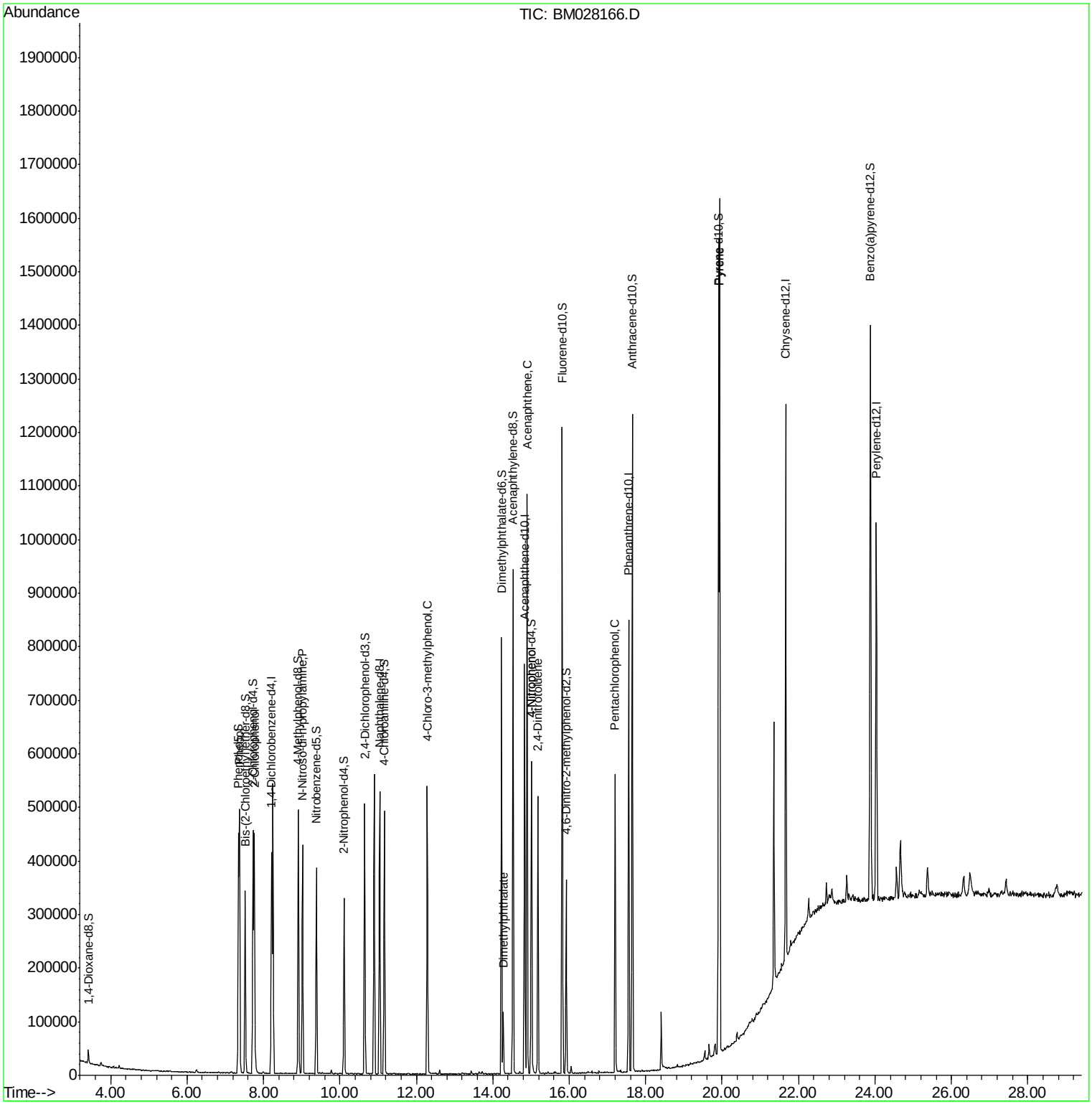
(#) = qualifier out of range (m) = manual integration (+) = signals summed

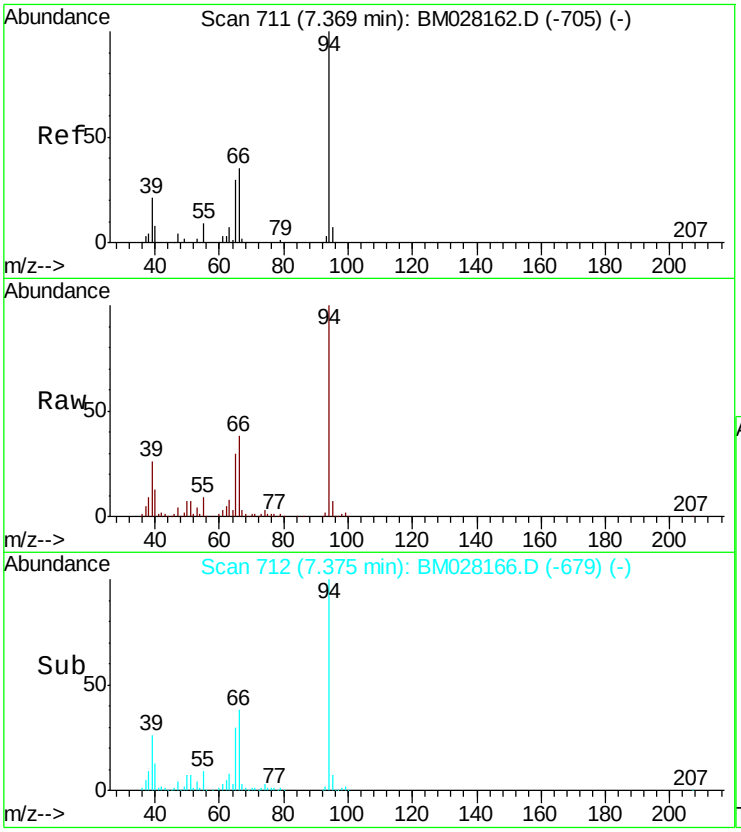
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
Data File : BM028166.D
Acq On : 18 Dec 2020 19:52
Operator : JU/CG
Sample : L5068-06MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** A54G5MS

Quant Time: Dec 19 00:13:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 19 00:05:02 2020
Response via : Initial Calibration



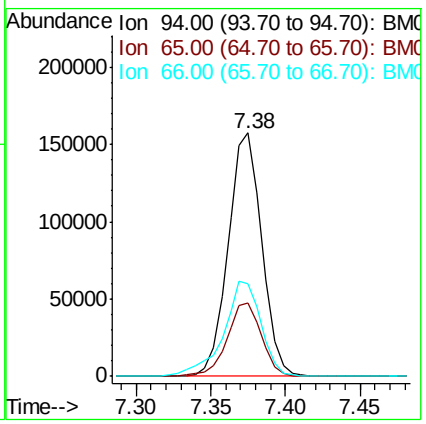


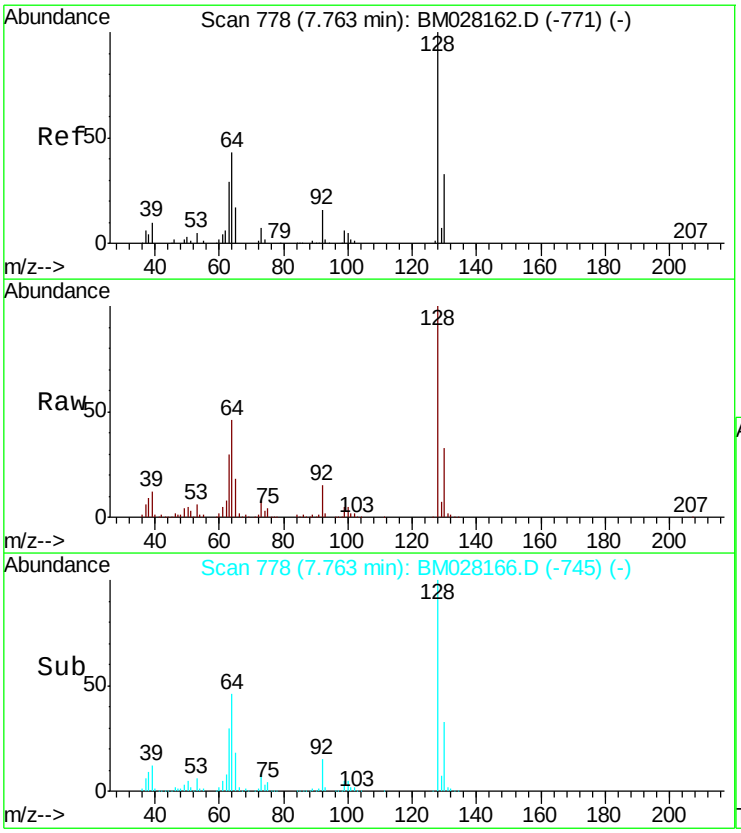

#6
Phenol
Concen:  26.811 ng/ul
RT: 7.38 min  Scan# 712
Delta R.T.  -0.01 min
Lab File:  BM028166.D
Acq: 18 Dec 2020  19:52

**Instrument :**
BNA_M
**ClientSampleId :**
A54G5MS

Tgt Ion: 94 Resp:  247269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.2 | 25.4 | 38.0 |
| 66 | 38.1 | 31.5 | 47.3 |

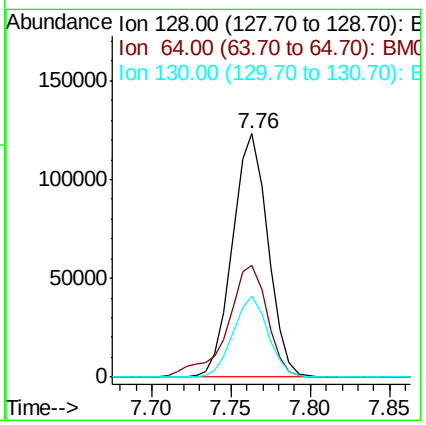


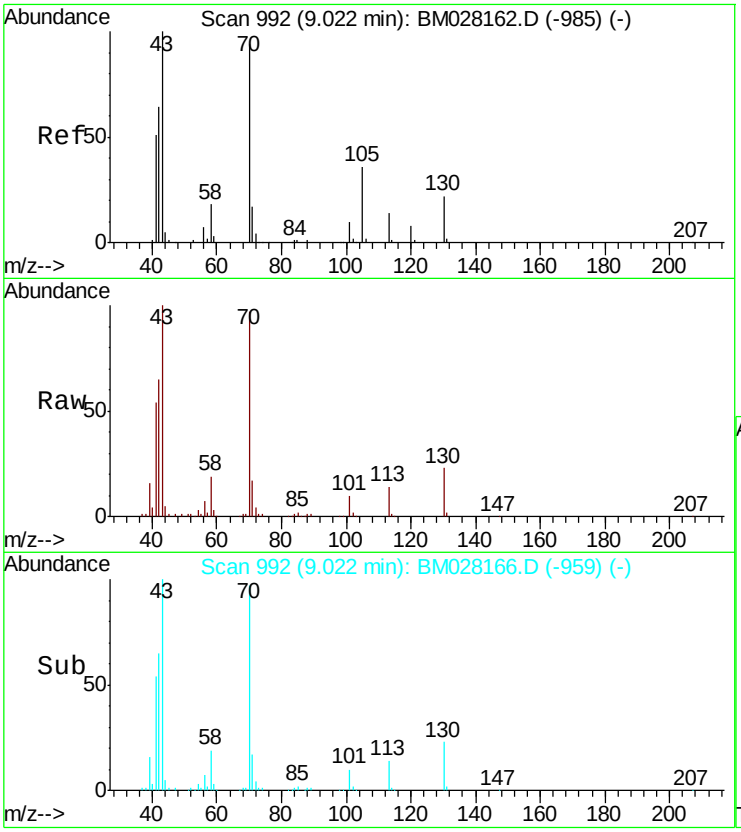




#10
2-Chlorophenol
Concen:  24.084 ng/ul
RT: 7.76 min  Scan# 778
Delta R.T.  -0.01 min
Lab File:  BM028166.D
Acq: 18 Dec 2020  19:52

Tgt Ion:128 Resp:  191261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 64 | 46.2 | 37.4 | 56.0 |
| 130 | 33.3 | 25.8 | 38.6 |



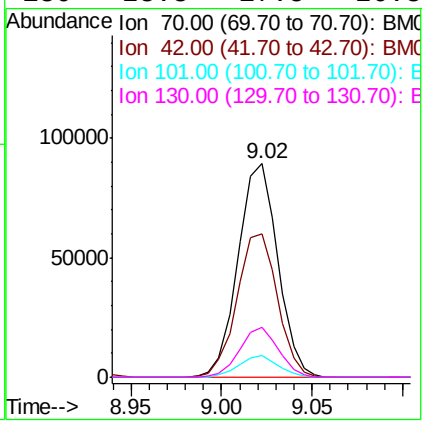


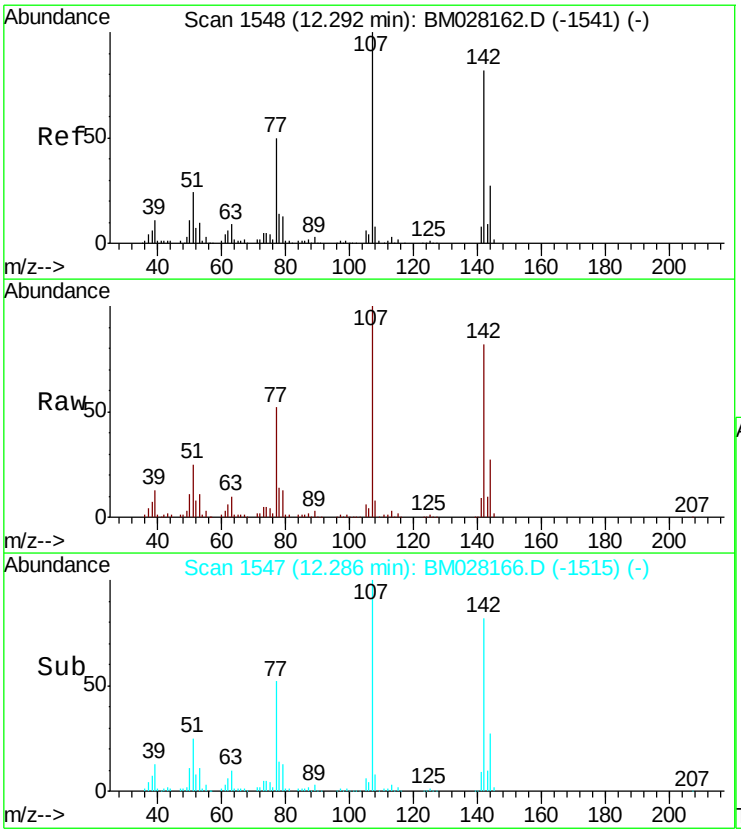

#15
N-Nitroso-di-n-propylamine
Concen: 24.052 ng/ul
RT: 9.02 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM028166.D
Acq: 18 Dec 2020 19:52

**Instrument :**
BNA_M
**ClientSampleId :**
A54G5MS

Tgt Ion: 70 Resp: 136634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 67.0 | 59.4 | 89.2 |
| 101 | 10.3 | 8.1 | 12.1 |
| 130 | 23.3 | 17.5 | 26.3 |

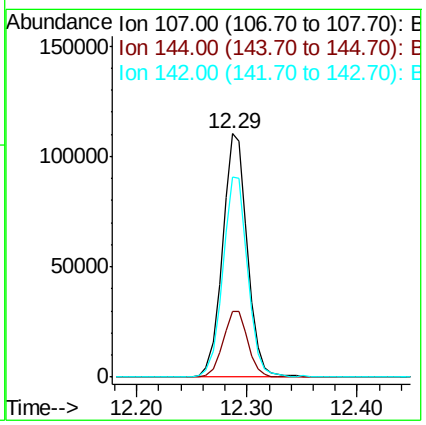


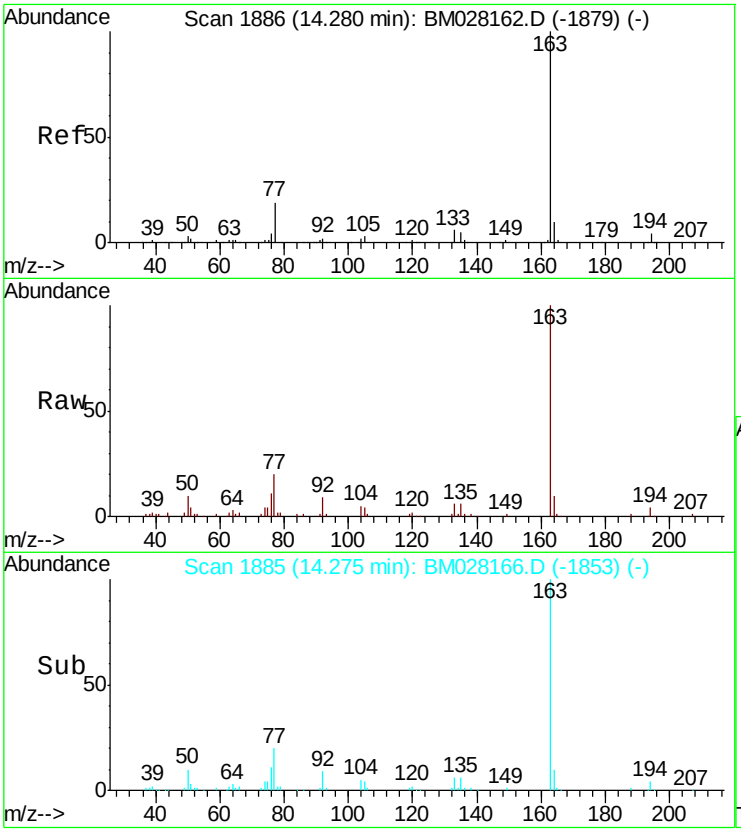




#33
4-Chloro-3-methylphenol
Concen: 24.012 ng/ul
RT: 12.29 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BM028166.D
Acq: 18 Dec 2020 19:52

Tgt Ion:107 Resp: 172794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 27.0 | 21.8 | 32.8 |
| 142 | 82.2 | 65.8 | 98.8 |



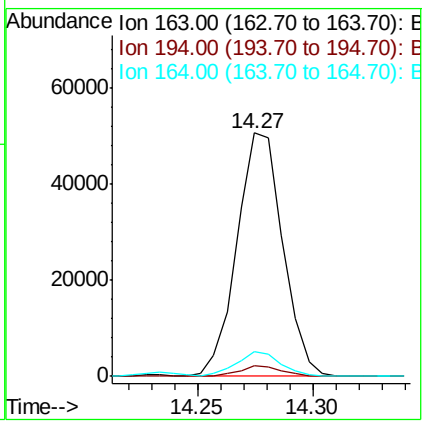


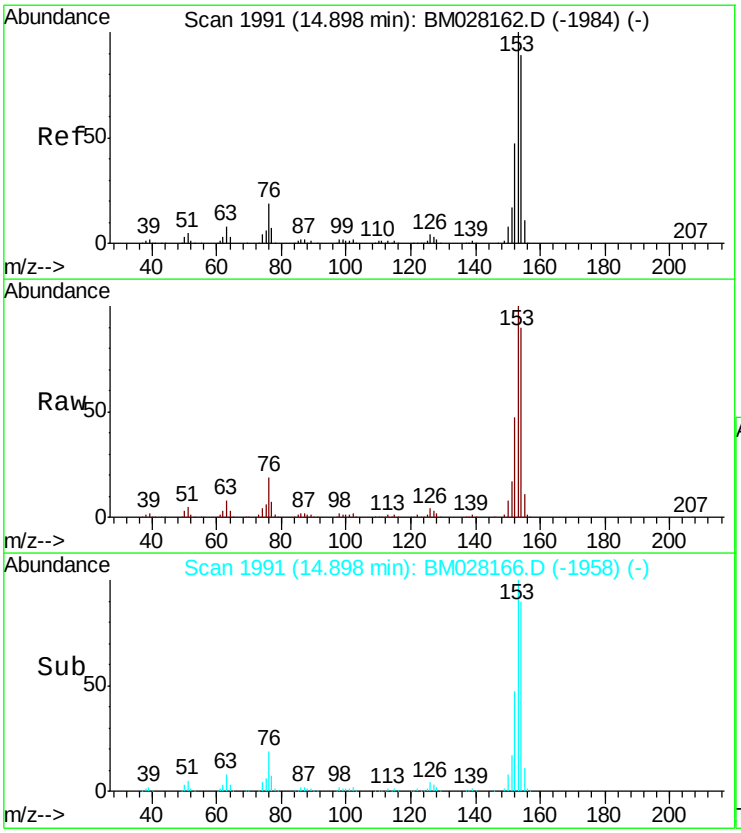

#45
Dimethylphthalate
Concen: 3.704 ng/ul
RT: 14.27 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BM028166.D
Acq: 18 Dec 2020 19:52

**Instrument :**
BNA_M
**ClientSampleId :**
A54G5MS

Tgt Ion:163 Resp: 70078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.3 | 4.9 |
| 164 | 9.9 | 8.0 | 12.0 |

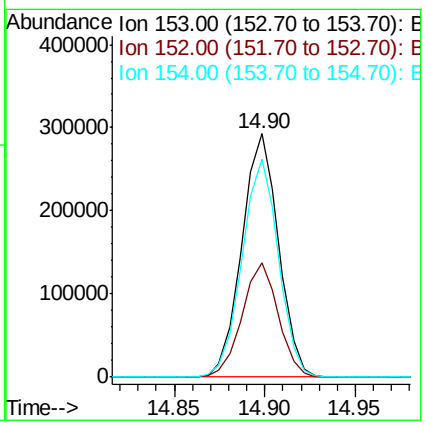


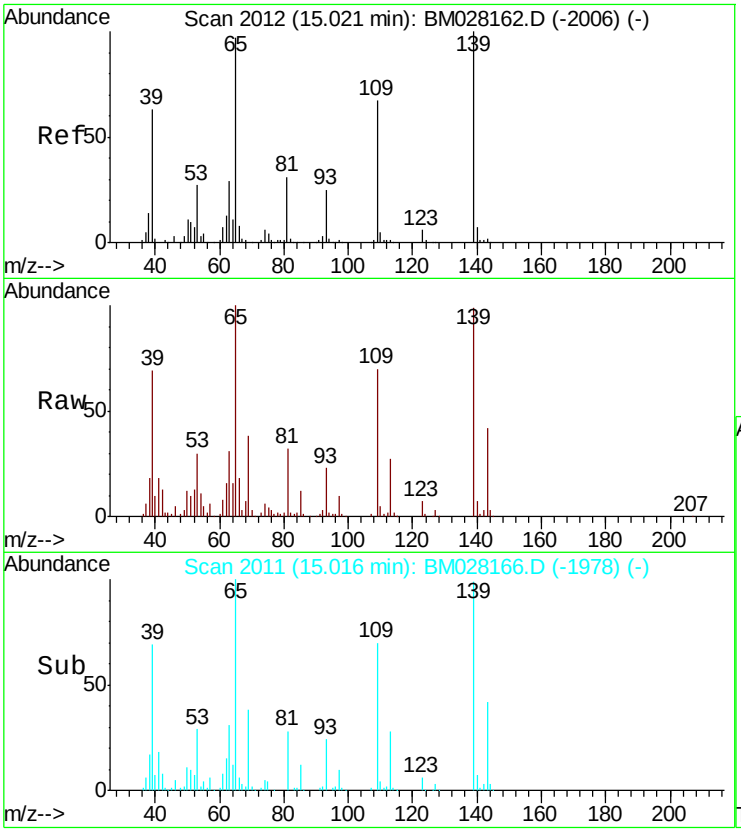




#50
Acenaphthene
Concen: 24.364 ng/ul
RT: 14.90 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BM028166.D
Acq: 18 Dec 2020 19:52

Tgt Ion:153 Resp: 411734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 46.9 | 36.7 | 55.1 |
| 154 | 89.7 | 70.6 | 106.0 |



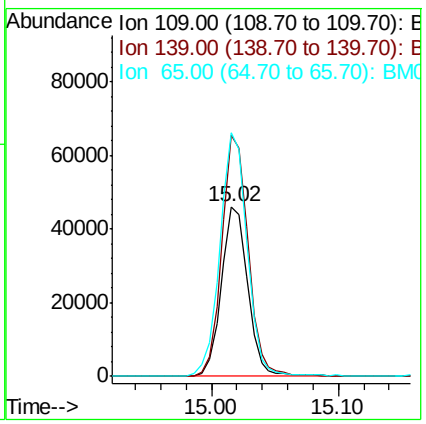


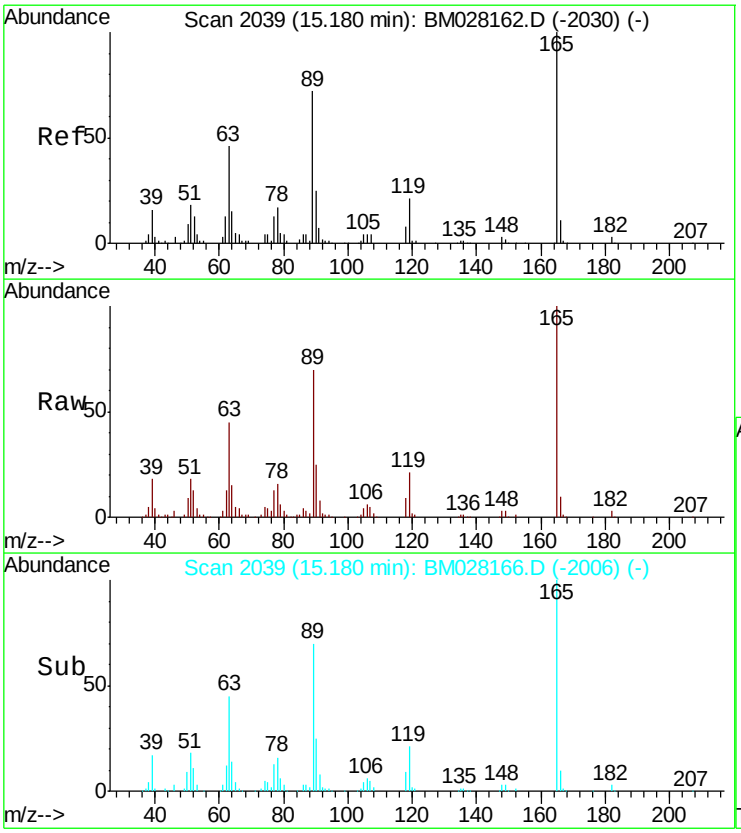

#53
4-Nitrophenol
Concen: 25.429 ng/ul
RT: 15.02 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BM028166.D
Acq: 18 Dec 2020 19:52

**Instrument :**
BNA_M
**ClientSampleId :**
A54G5MS

Tgt Ion:109 Resp: 66618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 109 | 100 | | |
| 139 | 141.9 | 108.6 | 162.8 |
| 65 | 143.5 | 111.9 | 167.9 |

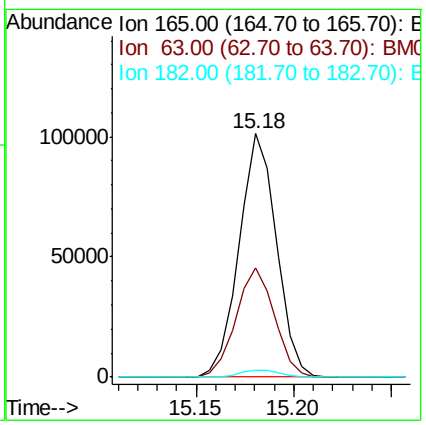


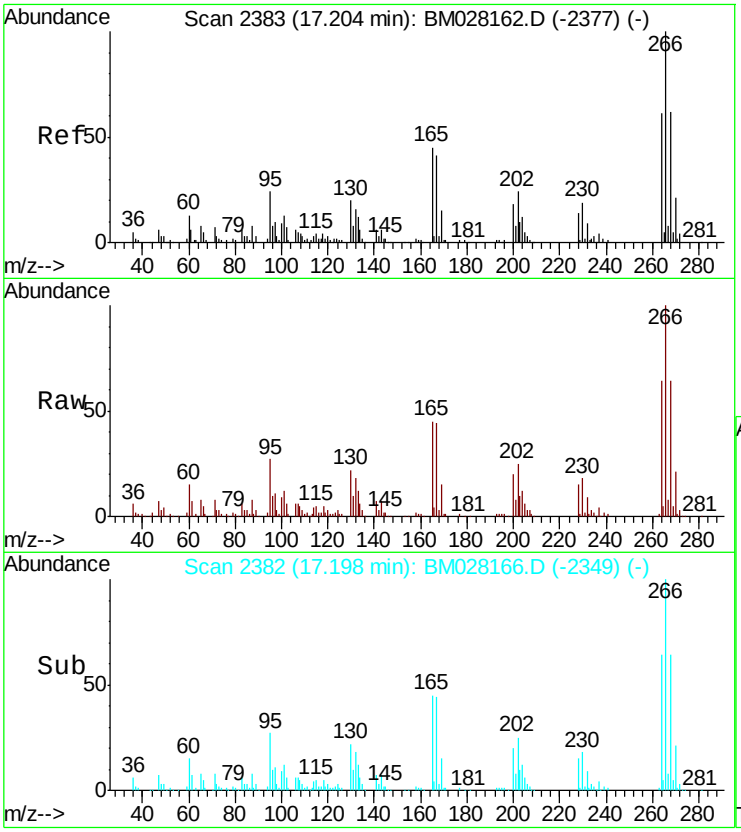




#55
2,4-Dinitrotoluene
Concen: 25.972 ng/ul
RT: 15.18 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BM028166.D
Acq: 18 Dec 2020 19:52

Tgt Ion:165 Resp: 134504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 45.0 | 39.5 | 59.3 |
| 182 | 3.0 | 2.3 | 3.5 |



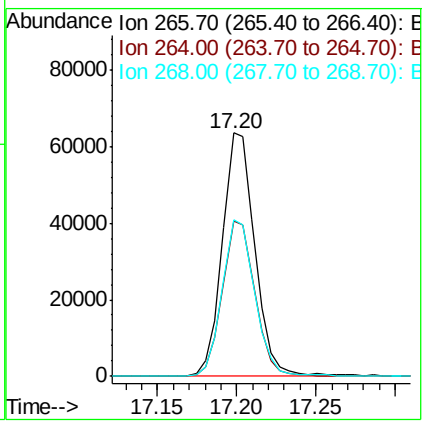


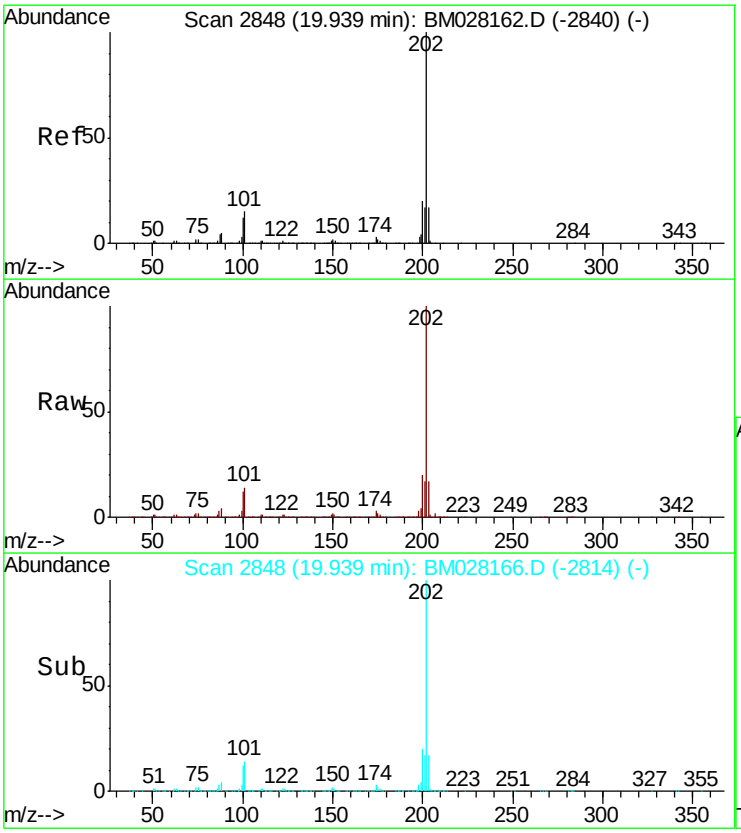

#69
Pentachlorophenol
Concen: 25.086 ng/ul
RT: 17.20 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM028166.D
Acq: 18 Dec 2020 19:52

**Instrument :**
BNA_M
**ClientSampleId :**
A54G5MS

Tgt Ion:266 Resp: 90255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 64.0 | 48.4 | 72.6 |
| 268 | 64.1 | 49.3 | 73.9 |




#80
Pyrene
Concen: 24.322 ng/ul
RT: 19.94 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BM028166.D
Acq: 18 Dec 2020 19:52

Tgt Ion:202 Resp: 878245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.8 | 11.5 | 17.3 |
| 100 | 11.5 | 9.9 | 14.9 |