Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM023020.D
Acq On : 06 Oct 2019 10:40
Operator : JU
Sample : K5057-14
Misc :
ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Oct 06 23:37:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 16:45:59 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.79 | 152 | 247590 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.57 | 136 | 1043822 | 20.00 | ng/ul | -0.01 |
| 36) Acenaphthene-d10 | 14.42 | 164 | 591551 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.16 | 188 | 1011409 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.34 | 240 | 877275 | 20.00 | ng/ul | -0.01 |
| 86) Perylene-d12 | 23.60 | 264 | 1045382 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.26 | 96 | 20068 | 3.51 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.95 | 99 | 376340 | 17.20 | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.12 | 67 | 236926 | 19.79 | ng/ul | -0.01 |
| 9) 2-Chlorophenol-d4 | 7.32 | 132 | 335840 | 19.06 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8 | 8.49 | 113 | 319492 | 17.84 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5 | 8.94 | 128 | 162274 | 20.14 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.66 | 143 | 170775 | 19.41 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3 | 10.19 | 165 | 326218 | 18.63 | ng/ul | -0.02 |
| 29) 4-Chloroaniline-d4 | 10.70 | 131 | 442891 | 20.81 | ng/ul | -0.01 |
| 44) Dimethylphthalate-d6 | 13.83 | 166 | 932632 | 20.31 | ng/ul | -0.01 |
| 47) Acenaphthylene-d8 | 14.11 | 160 | 1074280 | 20.27 | ng/ul | -0.01 |
| 52) 4-Nitrophenol-d4 | 14.62 | 143 | 35049 | 3.86 | ng/ul | -0.01 |
| 58) Fluorene-d10 | 15.41 | 176 | 741741 | 18.96 | ng/ul | -0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 31504 | 4.79 | ng/ul | -0.01 |
| 71) Anthracene-d10 | 17.26 | 188 | 1031347 | 20.88 | ng/ul | -0.01 |
| 79) Pyrene-d10 | 19.55 | 212 | 1056499 | 22.38 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.45 | 264 | 1173125 | 21.69 | ng/ul | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.98 | 94 | 537320 | 23.430 | ng/ul | 100 |
| 10) 2-Chlorophenol | 7.35 | 128 | 403069 | 21.330 | ng/ul | 99 |
| 15) N-Nitroso-di-n-propylamine | 8.59 | 70 | 309533 | 22.011 | ng/ul | 99 |
| 33) 4-Chloro-3-methylphenol | 11.86 | 107 | 372999 | 20.437 | ng/ul | 99 |
| 45) Dimethylphthalate | 13.87 | 163 | 321462 | 6.816 | ng/ul | 100 |
| 50) Acenaphthene | 14.49 | 153 | 900395 | 22.587 | ng/ul | 98 |
| 53) 4-Nitrophenol | 14.63 | 109 | 100268 | 15.124 | ng/ul | 99 |
| 55) 2,4-Dinitrotoluene | 14.78 | 165 | 270229 | 19.477 | ng/ul | 100 |
| 69) Pentachlorophenol | 16.81 | 266 | 173322 | 19.639 | ng/ul | 99 |
| 80) Pyrene | 19.58 | 202 | 1579157 | 25.393 | ng/ul | 99 |

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

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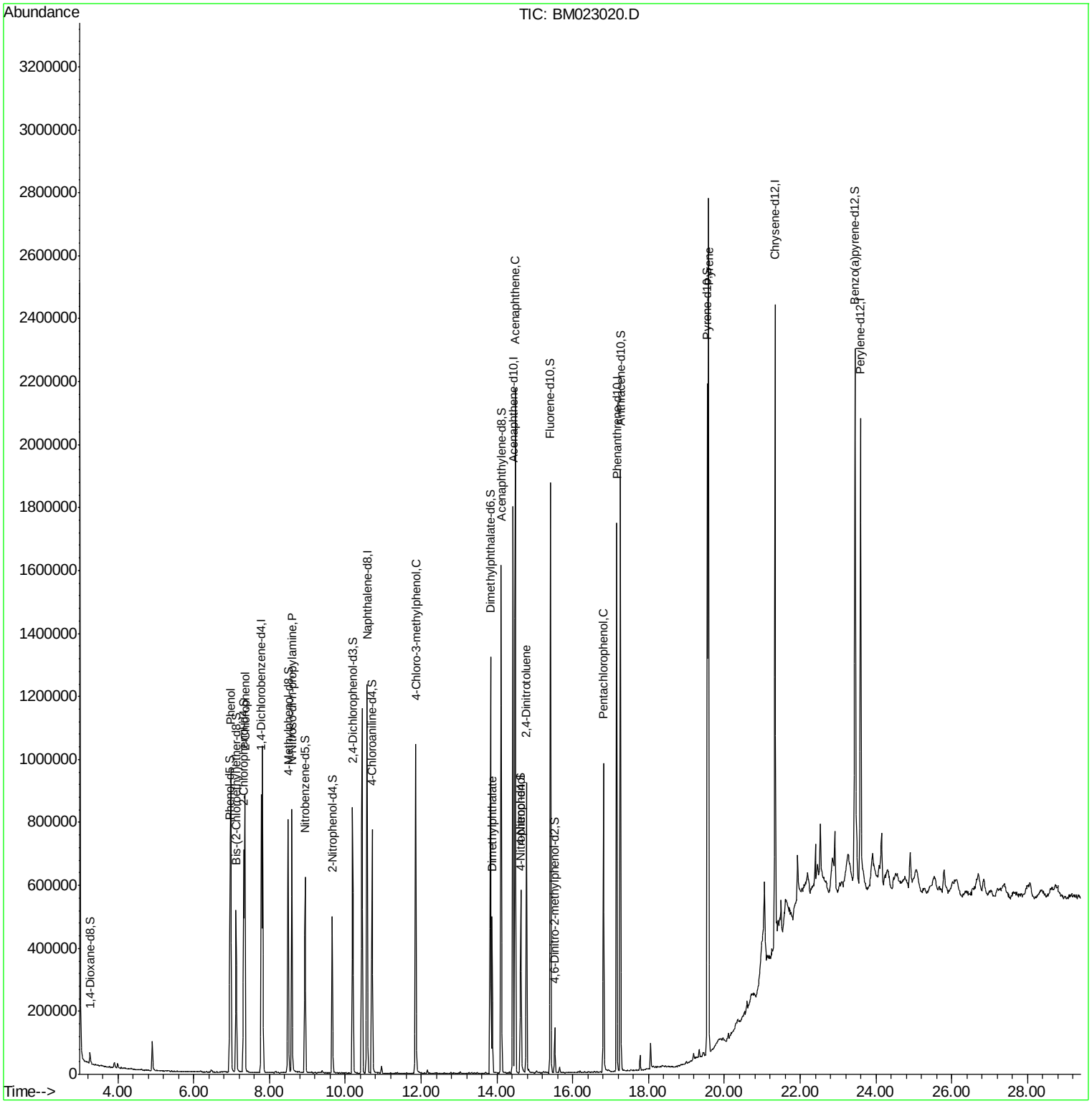
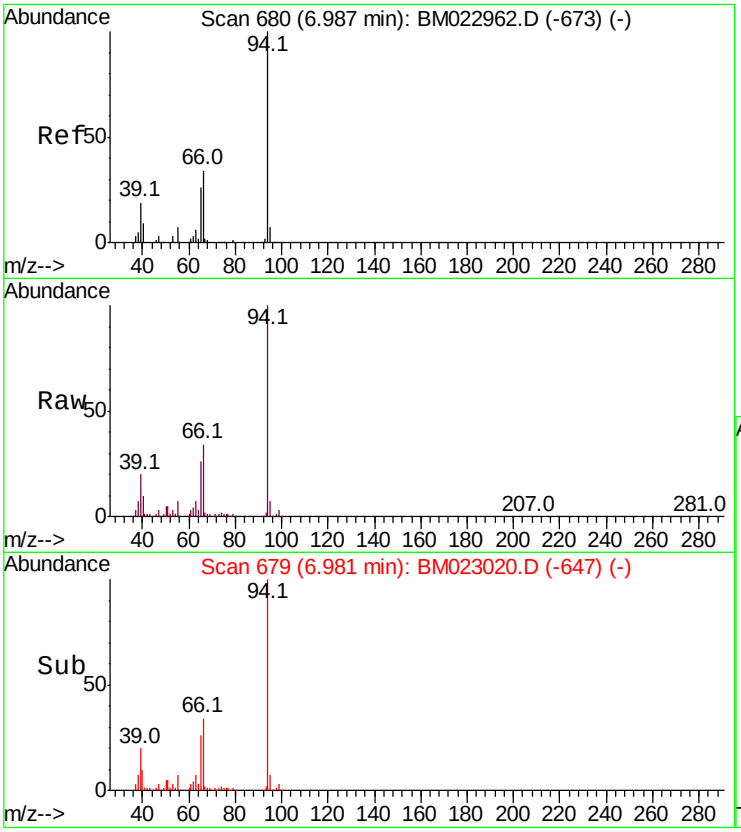
Acq On : 06 Oct 2019 10:40
Operator : JU
Sample : K5057-14
Misc :
ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Oct 06 23:37:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 16:45:59 2019
Response via : Initial Calibration



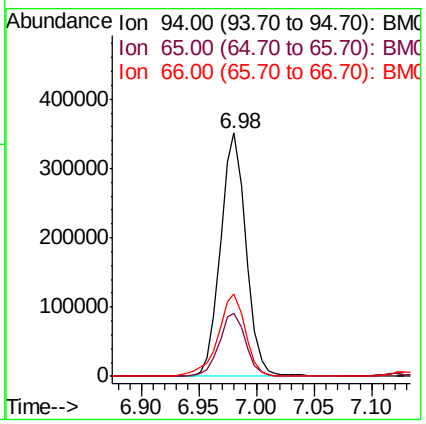


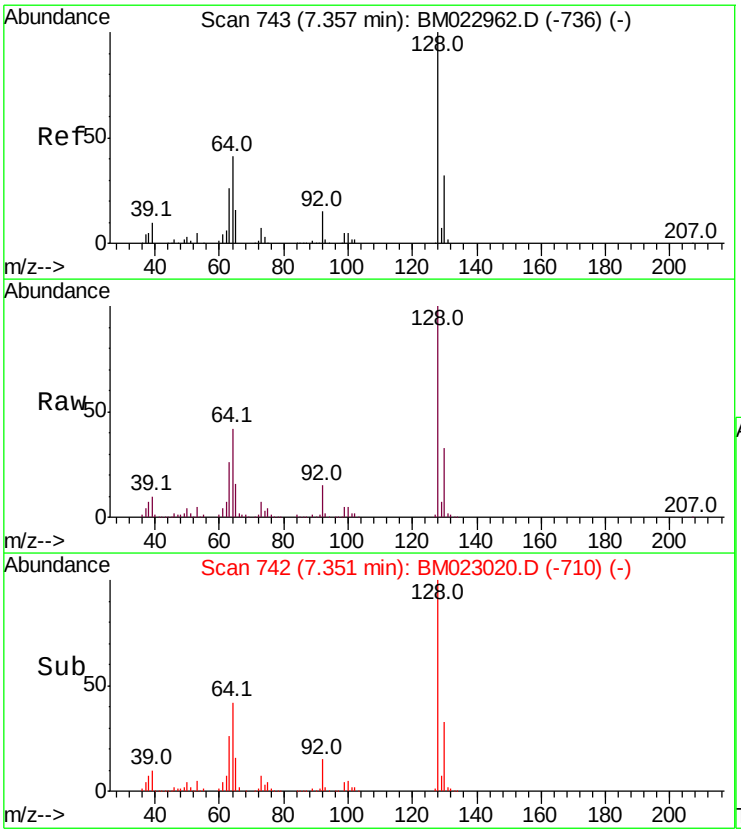

#6
Phenol
Concen: 23.430 ng/ul
RT: 6.98 min Scan# 679
Delta R.T. -0.01 min
Lab File: BM023020.D
Acq: 06 Oct 2019 10:40

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

Tgt Ion: 94 Resp: 537320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 26.1 | 20.9 | 31.3 |
| 66 | 33.9 | 27.2 | 40.8 |

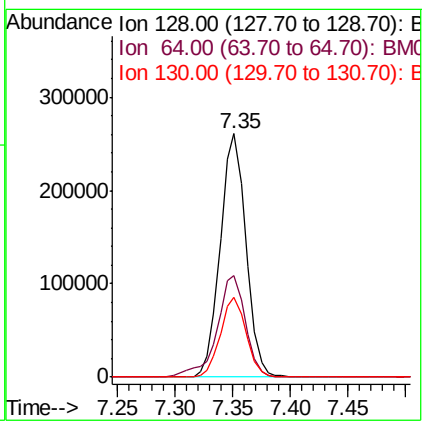


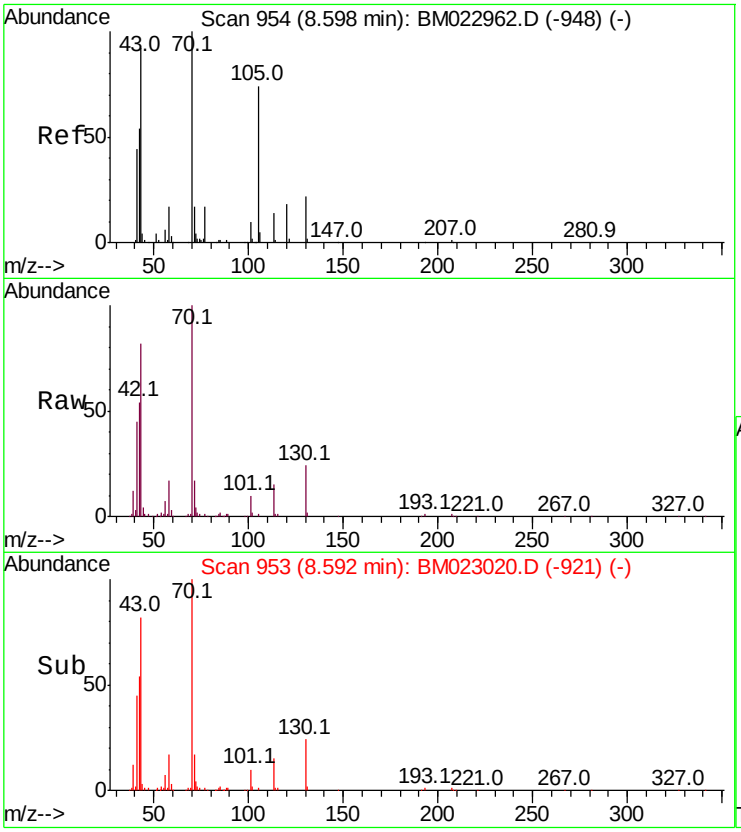




#10
2-Chlorophenol
Concen: 21.330 ng/ul
RT: 7.35 min Scan# 742
Delta R.T. -0.01 min
Lab File: BM023020.D
Acq: 06 Oct 2019 10:40

Tgt Ion:128 Resp: 403069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 64 | 41.6 | 34.1 | 51.1 |
| 130 | 32.8 | 26.0 | 39.0 |



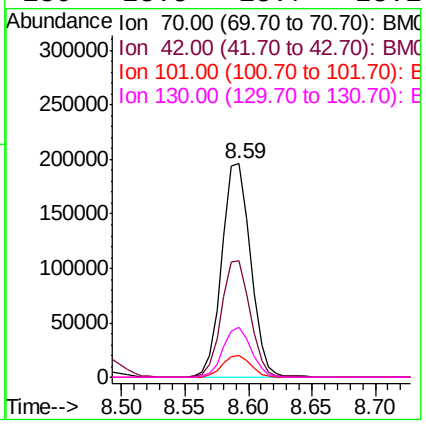


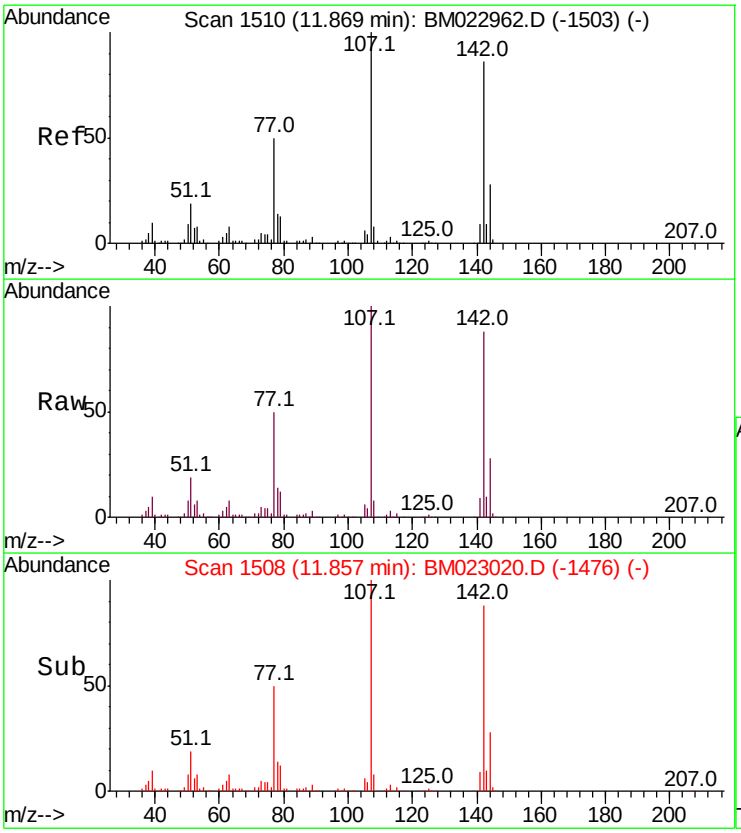

#15
N-Nitroso-di-n-propylamine
Concen: 22.011 ng/ul
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM023020.D
Acq: 06 Oct 2019 10:40

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

Tgt Ion: 70 Resp: 309533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 54.5 | 44.6 | 66.8 |
| 101 | 10.4 | 8.2 | 12.2 |
| 130 | 23.5 | 18.7 | 28.1 |

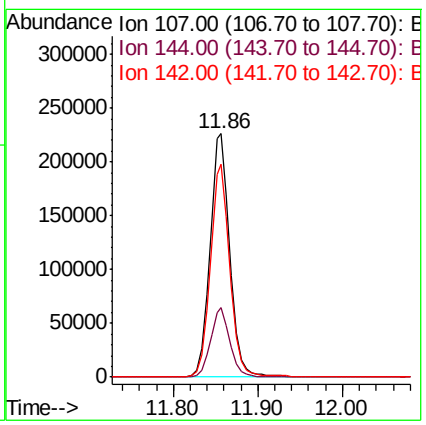


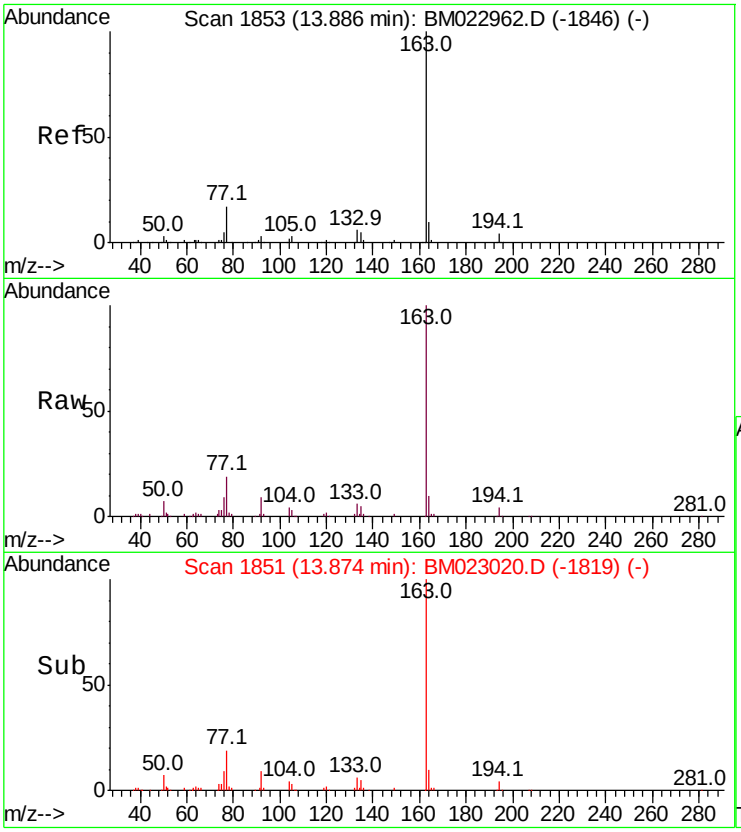




#33
4-Chloro-3-methylphenol
Concen: 20.437 ng/ul
RT: 11.86 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BM023020.D
Acq: 06 Oct 2019 10:40

Tgt Ion:107 Resp: 372999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.3 | 22.5 | 33.7 |
| 142 | 87.6 | 68.9 | 103.3 |



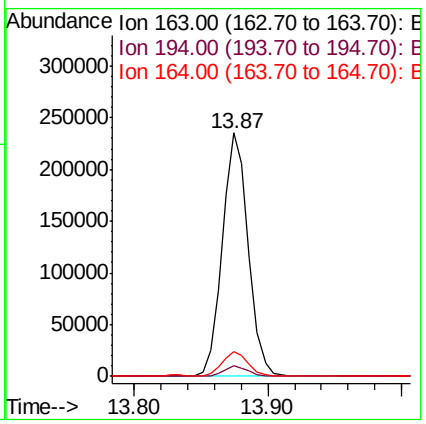


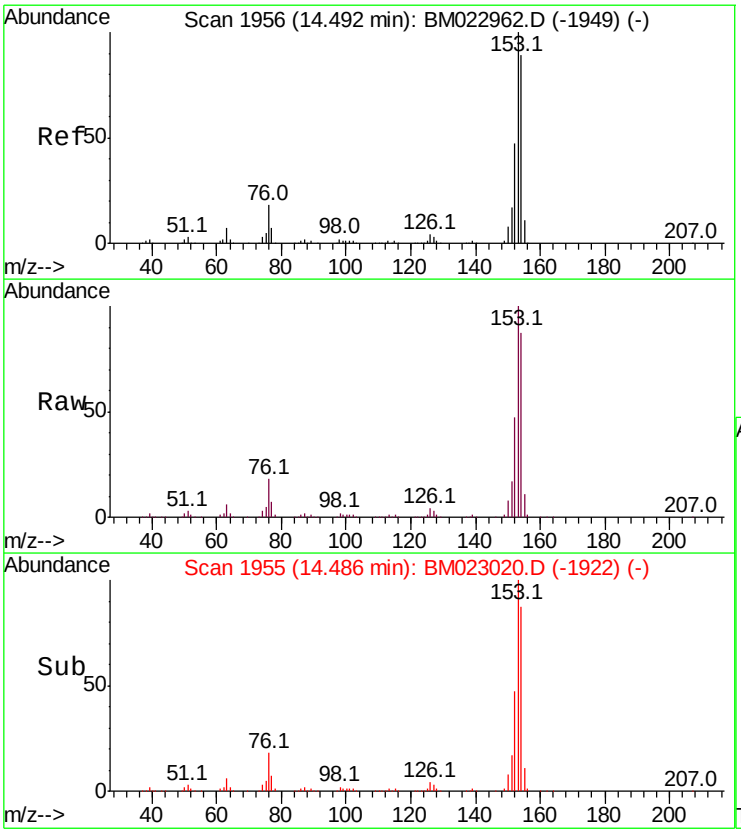

#45
Dimethylphthalate
Concen: 6.816 ng/ul
RT: 13.87 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BM023020.D
Acq: 06 Oct 2019 10:40

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

Tgt Ion:163 Resp: 321462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.4 | 5.0 |
| 164 | 10.1 | 8.1 | 12.1 |

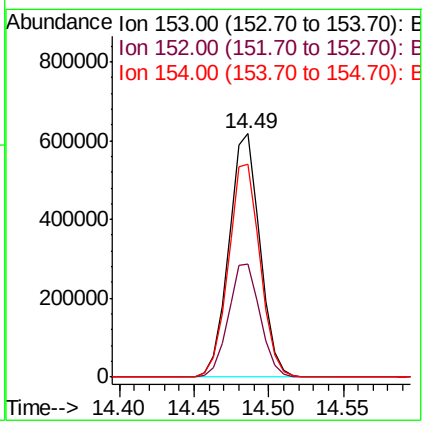


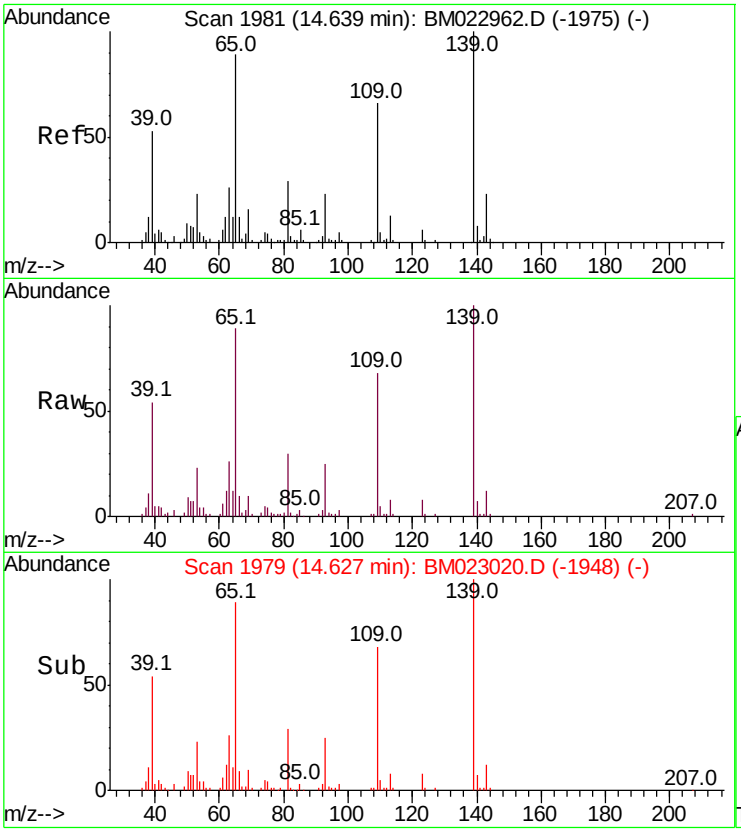




#50
Acenaphthene
Concen: 22.587 ng/ul
RT: 14.49 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BM023020.D
Acq: 06 Oct 2019 10:40

Tgt Ion:153 Resp: 900395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 46.5 | 38.1 | 57.1 |
| 154 | 87.4 | 71.1 | 106.7 |



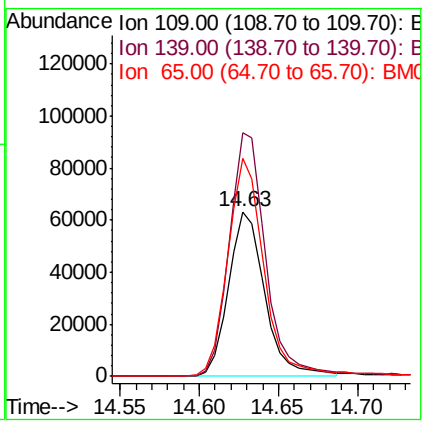


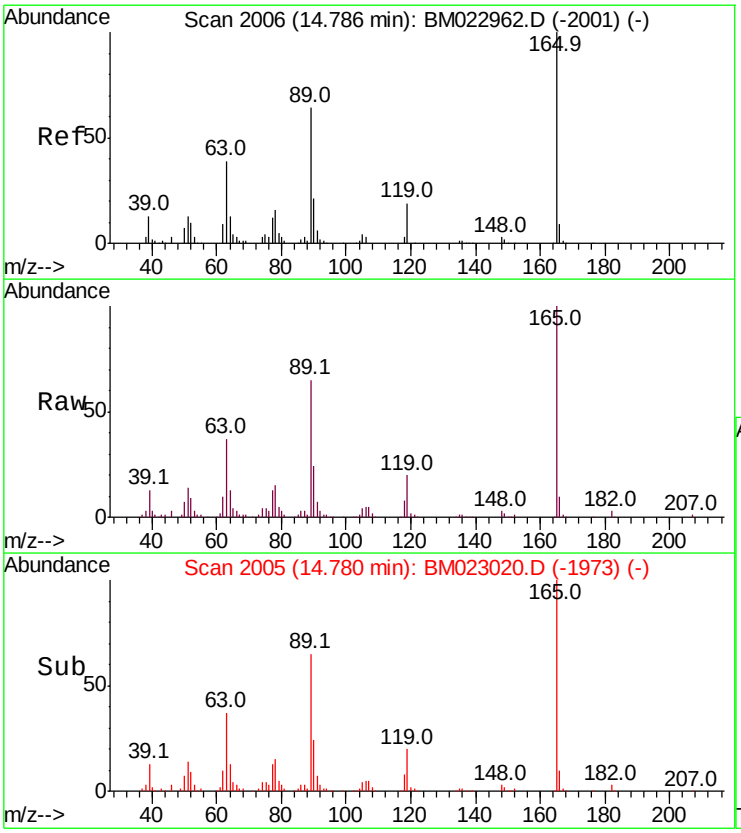

#53
4-Nitrophenol
Concen: 15.124 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BM023020.D
Acq: 06 Oct 2019 10:40

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

Tgt Ion:109 Resp: 100268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 109 | 100 | | |
| 139 | 147.7 | 119.5 | 179.3 |
| 65 | 131.9 | 105.0 | 157.4 |

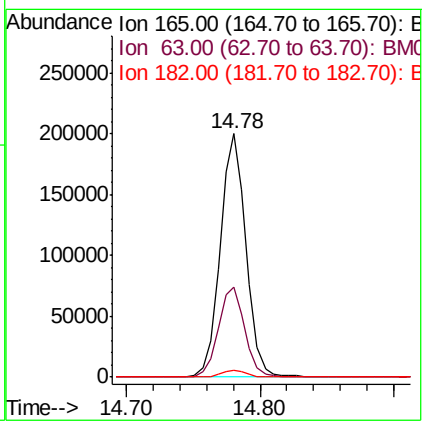


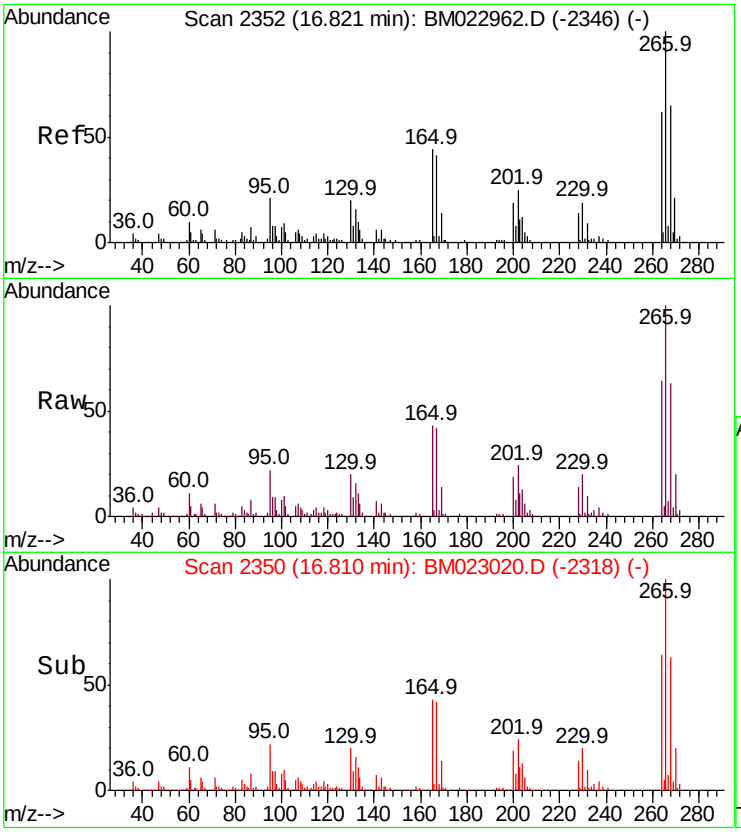




#55
2,4-Dinitrotoluene
Concen: 19.477 ng/ul
RT: 14.78 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BM023020.D
Acq: 06 Oct 2019 10:40

Tgt Ion:165 Resp: 270229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 37.1 | 29.8 | 44.6 |
| 182 | 2.7 | 2.2 | 3.4 |



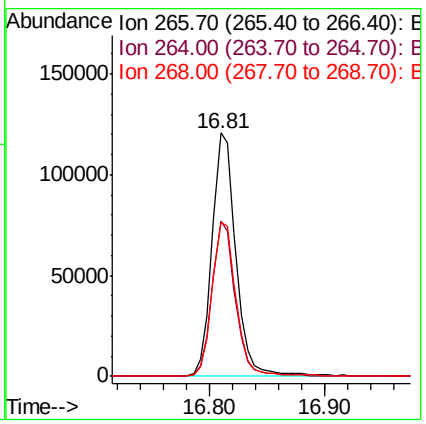


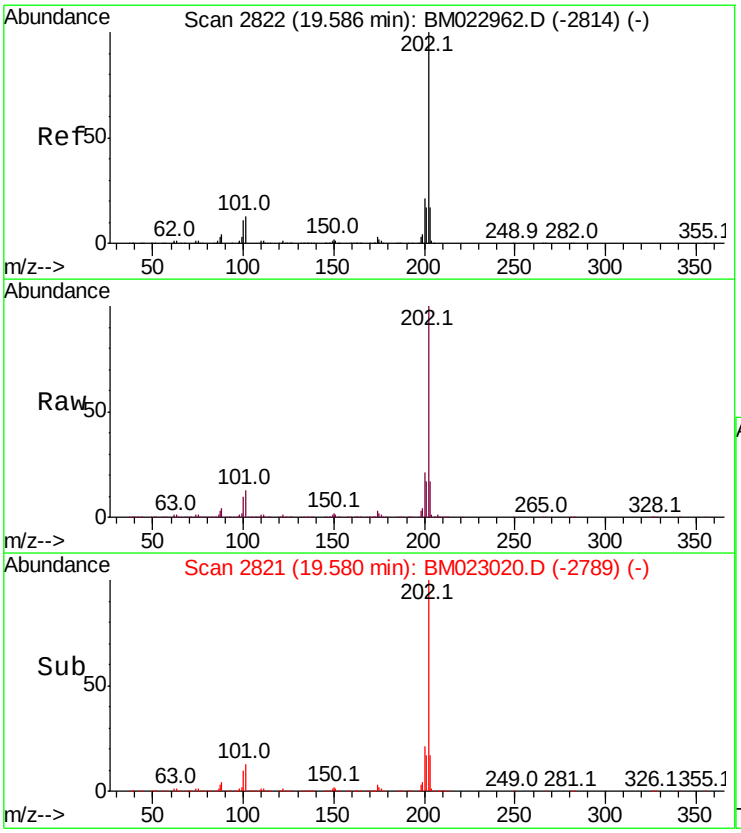

#69
Pentachlorophenol
Concen: 19.639 ng/ul
RT: 16.81 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BM023020.D
Acq: 06 Oct 2019 10:40

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

Tgt Ion:266 Resp: 173322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 63.9 | 50.8 | 76.2 |
| 268 | 63.2 | 51.4 | 77.0 |




#80
Pyrene
Concen: 25.393 ng/ul
RT: 19.58 min Scan# 2821
Delta R.T. -0.01 min
Lab File: BM023020.D
Acq: 06 Oct 2019 10:40

Tgt Ion:202 Resp: 1579157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.5 | 9.7 | 14.5 |
| 100 | 10.1 | 7.8 | 11.8 |