Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023941.D
Acq On : 28 Nov 2019 08:19
Operator : JU
Sample : K5915-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLNT7MS

Quant Time: Nov 28 22:02:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 17:16:22 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.49 | 152 | 407675 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.26 | 136 | 1645661 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.15 | 164 | 978810 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.90 | 188 | 1990564 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.11 | 240 | 1869048 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.25 | 264 | 2317744 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.03 | 96 | 42336 | 4.62 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.68 | 99 | 797134 | 22.31 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.83 | 67 | 495584 | 23.85 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.02 | 132 | 645769 | 23.38 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.20 | 113 | 627773 | 22.27 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.64 | 128 | 304851 | 23.87 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.36 | 143 | 334756 | 23.06 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.89 | 165 | 613242 | 22.31 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.40 | 131 | 766546 | 25.41 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.57 | 166 | 1952490 | 25.67 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.83 | 160 | 2291627 | 25.71 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.37 | 143 | 247486 | 19.36 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.15 | 176 | 1657313 | 25.89 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.29 | 200 | 232478 | 18.60 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.00 | 188 | 2537436 | 26.69 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.30 | 212 | 2785267 | 28.84 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.12 | 264 | 3402079 | 27.77 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.70 | 94 | 767771 | 20.889 | ng/ul | 99 |
| 10) 2-Chlorophenol | 7.06 | 128 | 586320 | 20.749 | ng/ul | 99 |
| 15) N-Nitroso-di-n-propylamine | 8.30 | 70 | 474913 | 20.609 | ng/ul | 99 |
| 33) 4-Chloro-3-methylphenol | 11.57 | 107 | 582961 | 20.850 | ng/ul | 98 |
| 45) Dimethylphthalate | 13.62 | 163 | 816109 | 10.962 | ng/ul | 99 |
| 50) Acenaphthene | 14.21 | 153 | 1396816 | 21.813 | ng/ul | 98 |
| 53) 4-Nitrophenol | 14.39 | 109 | 206484 | 21.916 | ng/ul | 98 |
| 55) 2,4-Dinitrotoluene | 14.53 | 165 | 479241 | 22.620 | ng/ul | 96 |
| 69) Pentachlorophenol | 16.56 | 266 | 296309 | 18.590 | ng/ul | 97 |
| 80) Pyrene | 19.33 | 202 | 3145484 | 24.978 | ng/ul | 99 |

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

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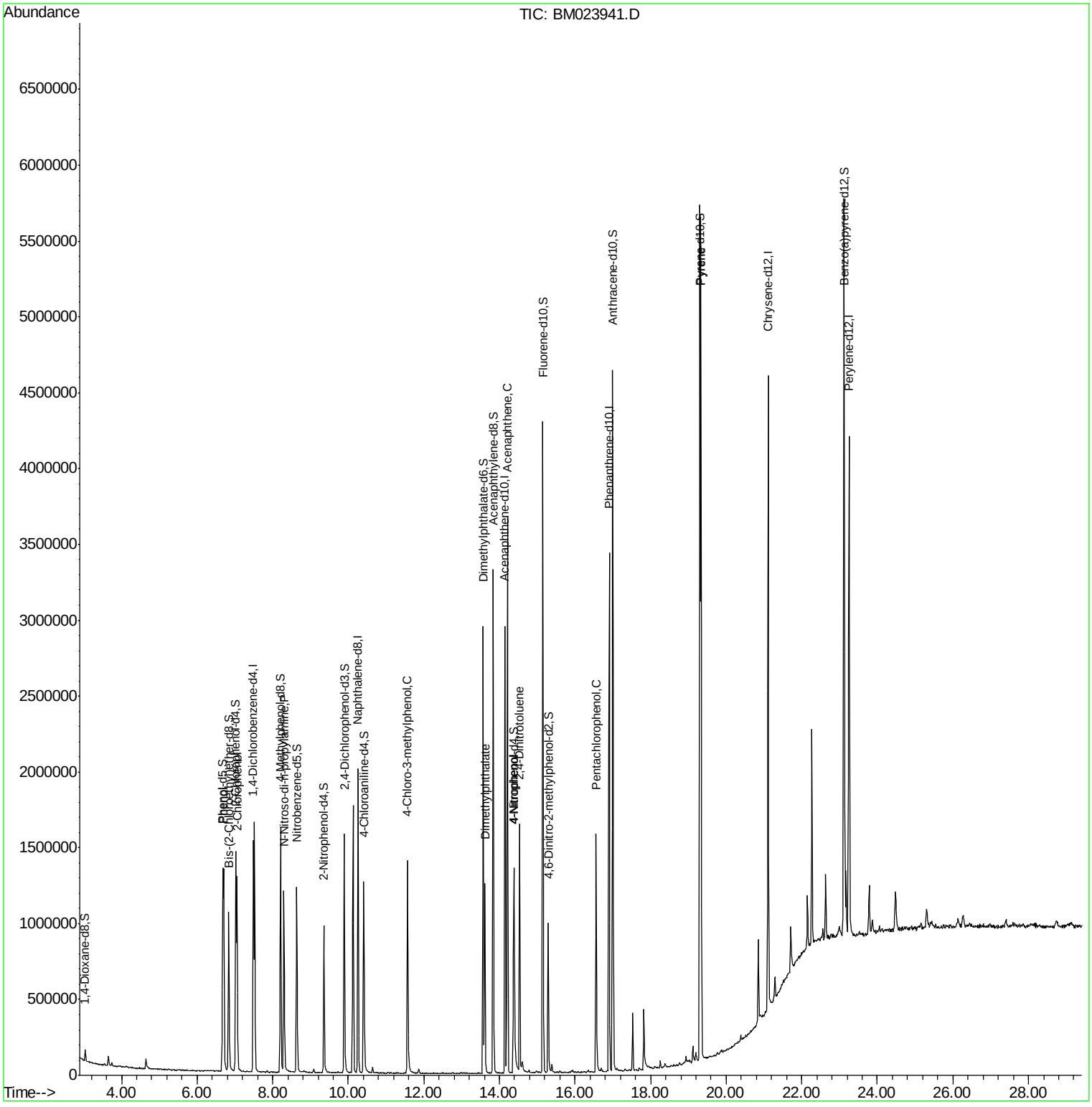
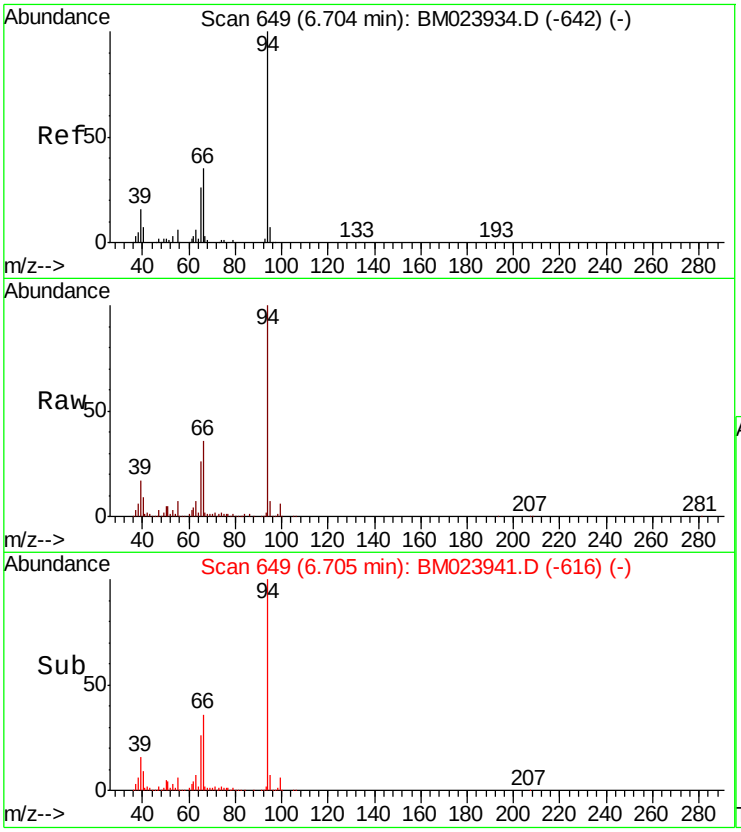
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
JLNT7MS

Quant Time: Nov 28 22:02:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 17:16:22 2019
Response via : Initial Calibration



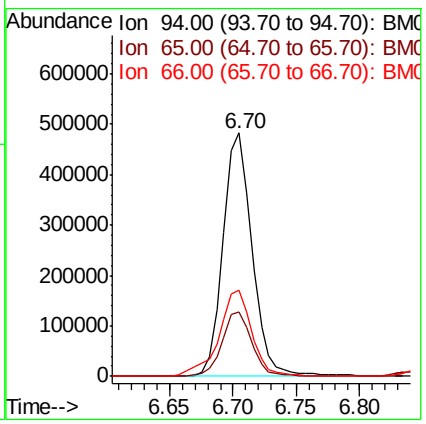


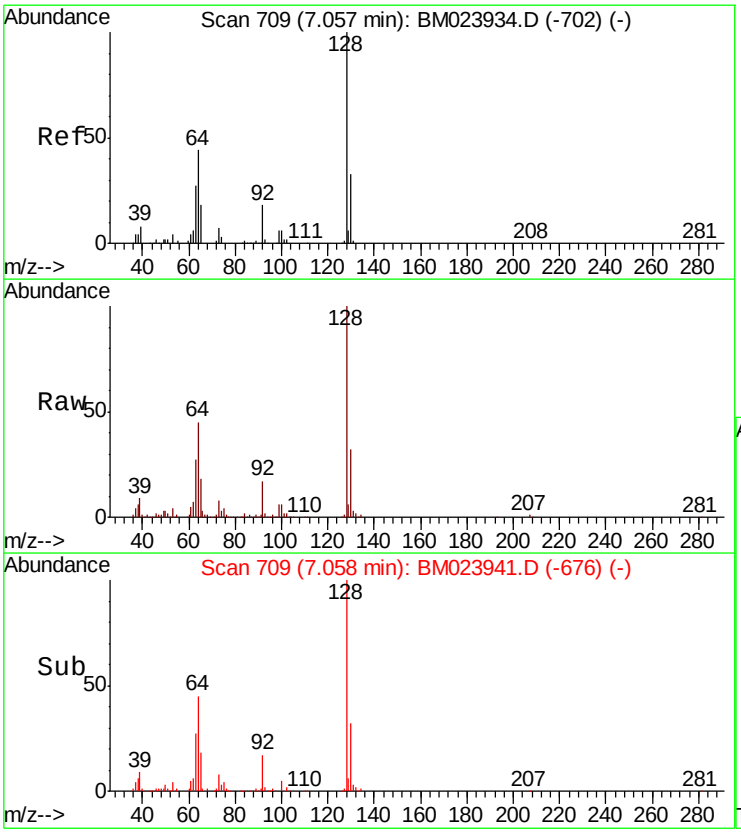

#6
Phenol
Concen: 20.889 ng/ul
RT: 6.70 min Scan# 649
Delta R.T. -0.01 min
Lab File: BM023941.D
Acq: 28 Nov 2019 08:19

**Instrument :**
BNA_M
**ClientSampleId :**
JLNT7MS

Tgt Ion: 94 Resp: 767771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 26.5 | 20.8 | 31.2 |
| 66 | 35.6 | 28.6 | 43.0 |

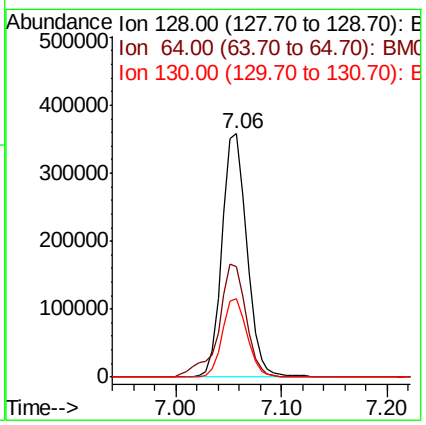


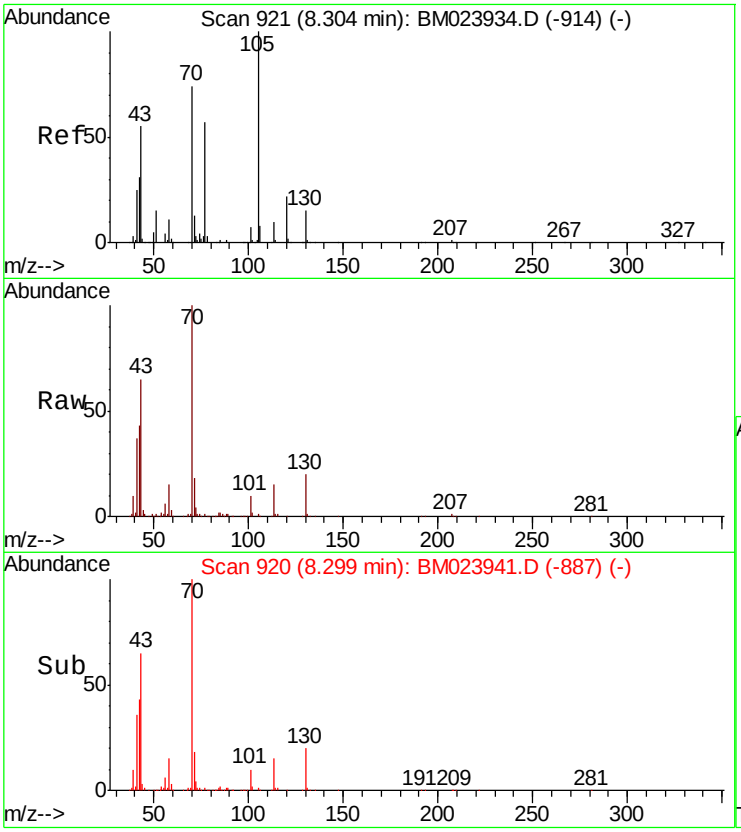




#10
2-Chlorophenol
Concen: 20.749 ng/ul
RT: 7.06 min Scan# 709
Delta R.T. -0.01 min
Lab File: BM023941.D
Acq: 28 Nov 2019 08:19

Tgt Ion:128 Resp: 586320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 64 | 45.2 | 37.0 | 55.4 |
| 130 | 32.0 | 25.3 | 37.9 |



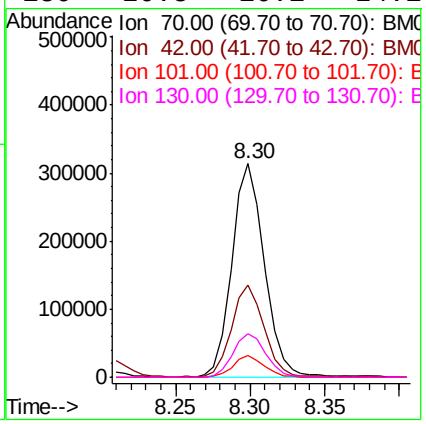


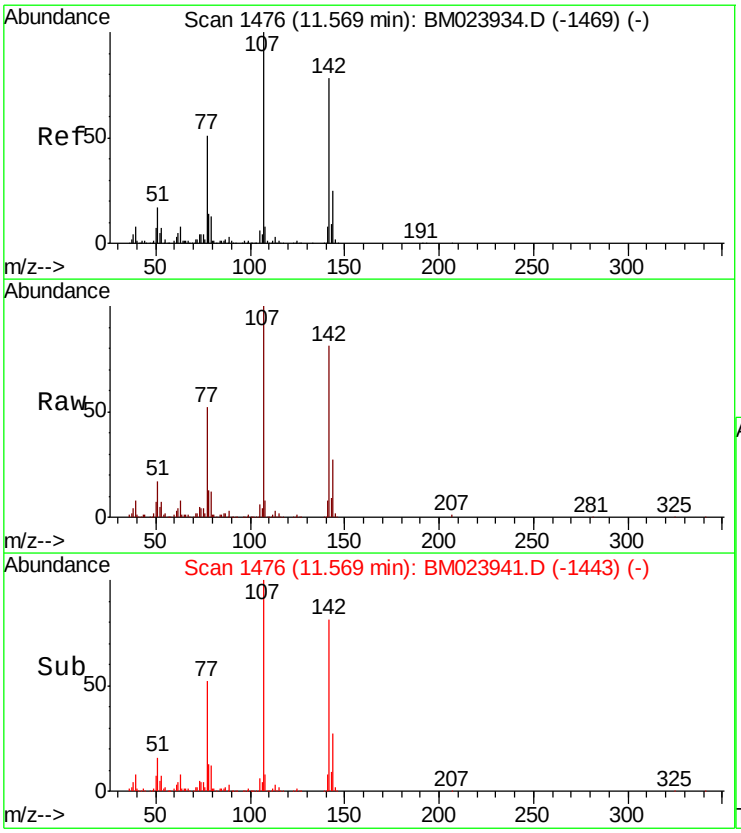

#15
N-Nitroso-di-n-propylamine
Concen: 20.609 ng/ul
RT: 8.30 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM023941.D
Acq: 28 Nov 2019 08:19

**Instrument :**
BNA_M
**ClientSampleId :**
JLNT7MS

Tgt Ion: 70 Resp: 474913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 43.1 | 34.4 | 51.6 |
| 101 | 10.1 | 7.3 | 10.9 |
| 130 | 20.3 | 16.1 | 24.1 |

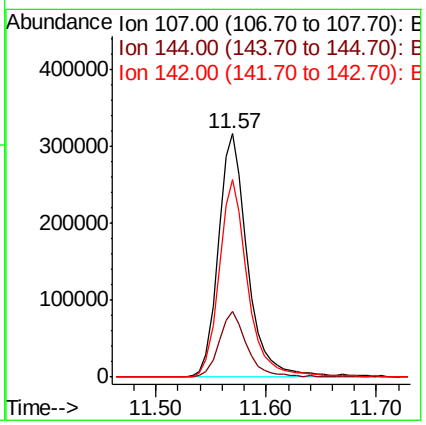


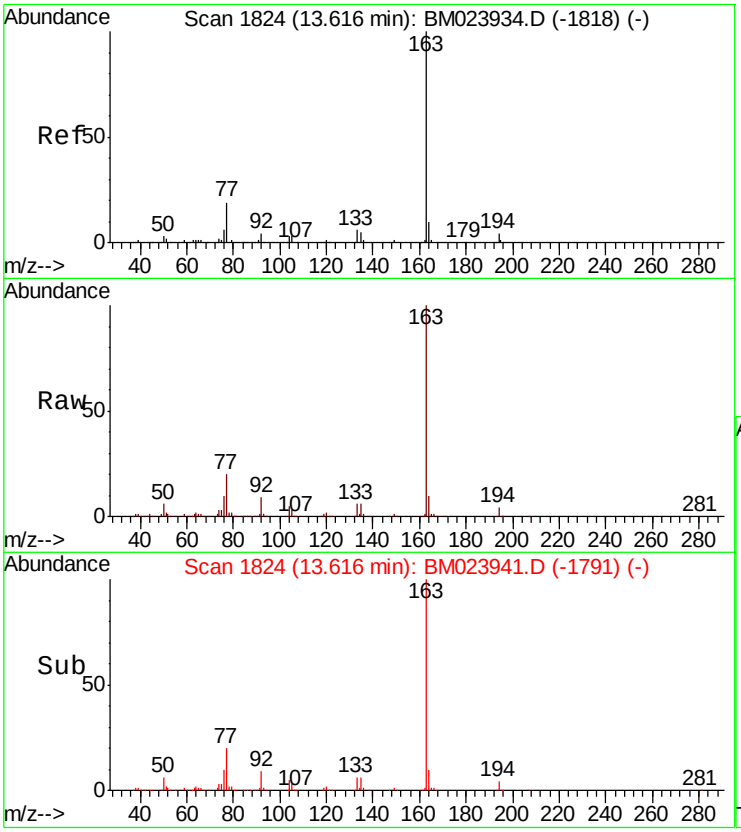




#33
4-Chloro-3-methylphenol
Concen: 20.850 ng/ul
RT: 11.57 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BM023941.D
Acq: 28 Nov 2019 08:19

Tgt Ion:107 Resp: 582961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 27.1 | 19.9 | 29.9 |
| 142 | 81.3 | 64.0 | 96.0 |



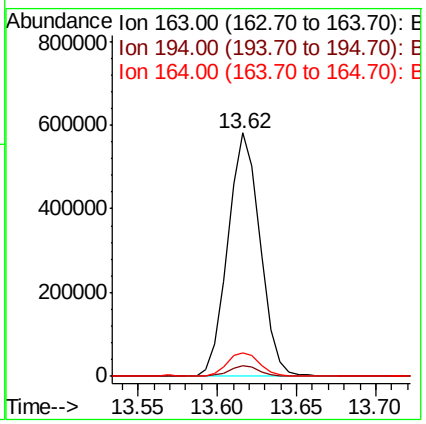


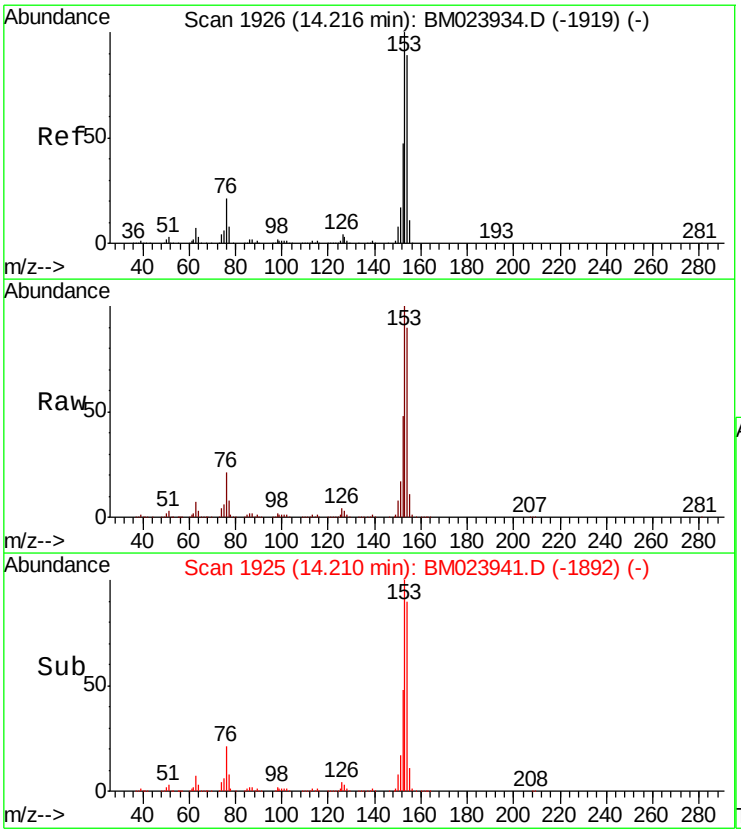

#45
Dimethylphthalate
Concen: 10.962 ng/ul
RT: 13.62 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BM023941.D
Acq: 28 Nov 2019 08:19

**Instrument :**
BNA_M
**ClientSampleId :**
JLNT7MS

Tgt Ion:163 Resp: 816109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.4 | 3.2 | 4.8 |
| 164 | 9.8 | 8.0 | 12.0 |

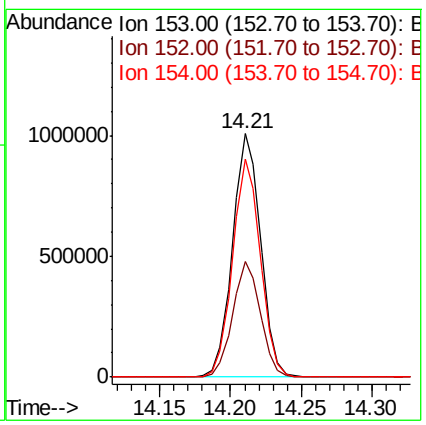


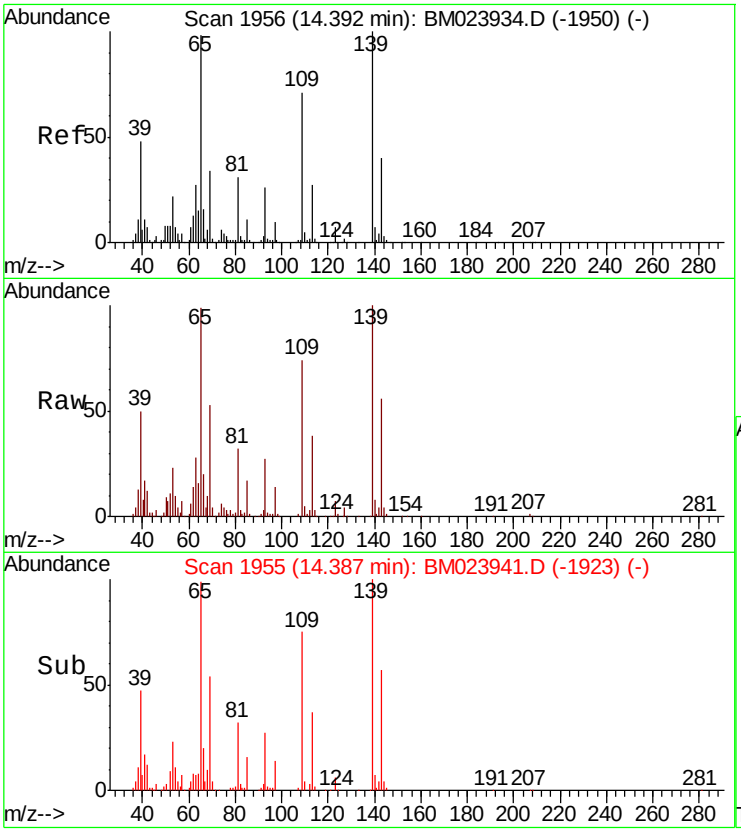




#50
Acenaphthene
Concen: 21.813 ng/ul
RT: 14.21 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM023941.D
Acq: 28 Nov 2019 08:19

Tgt Ion:153 Resp: 1396816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 47.6 | 36.8 | 55.2 |
| 154 | 89.7 | 70.8 | 106.2 |



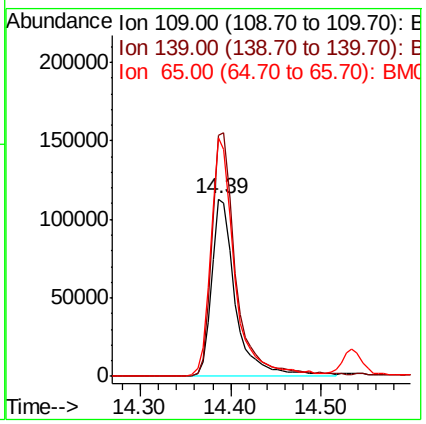


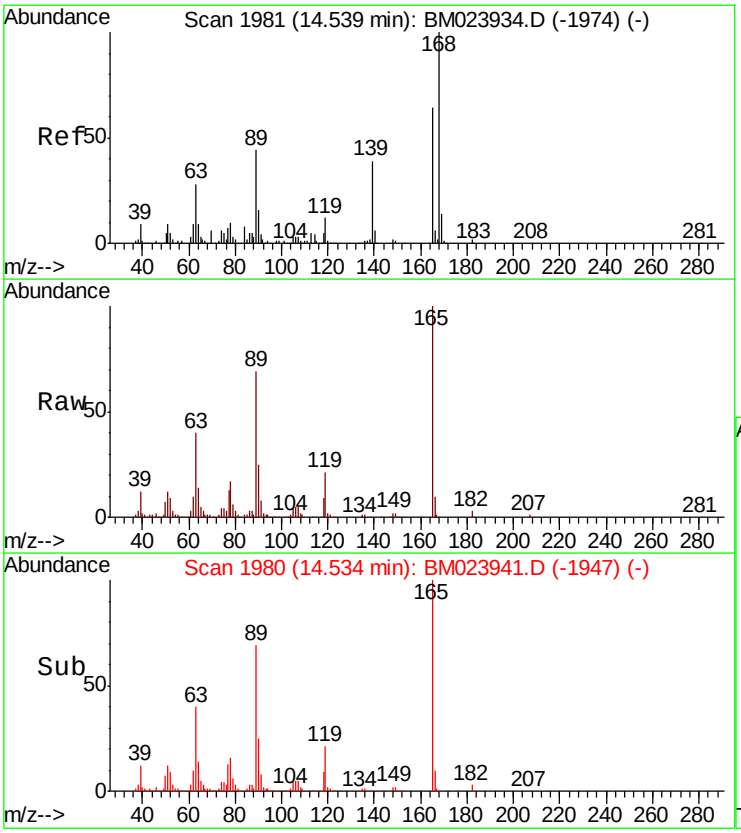

#53
4-Nitrophenol
Concen: 21.916 ng/ul
RT: 14.39 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BM023941.D
Acq: 28 Nov 2019 08:19

**Instrument :**
BNA_M
**ClientSampleId :**
JLNT7MS

Tgt Ion:109 Resp: 206484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 109 | 100 | | |
| 139 | 135.7 | 111.8 | 167.6 |
| 65 | 134.0 | 106.2 | 159.2 |

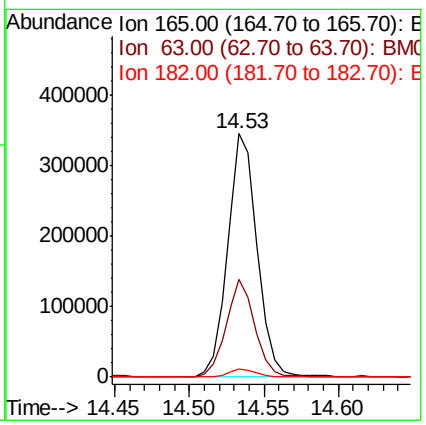


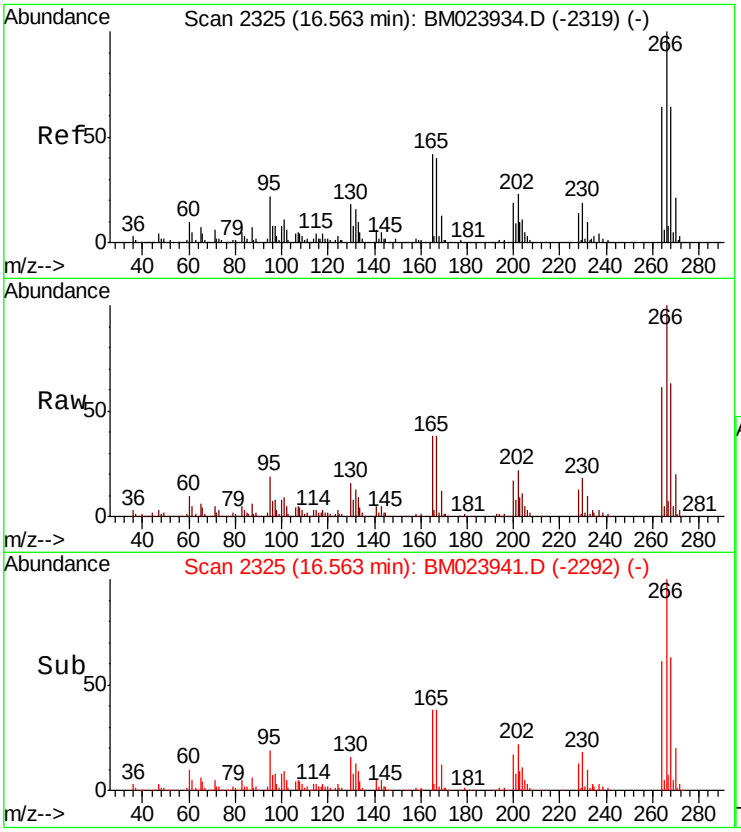




#55
2,4-Dinitrotoluene
Concen: 22.620 ng/ul
RT: 14.53 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM023941.D
Acq: 28 Nov 2019 08:19

Tgt Ion:165 Resp: 479241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 40.2 | 34.1 | 51.1 |
| 182 | 3.1 | 2.3 | 3.5 |



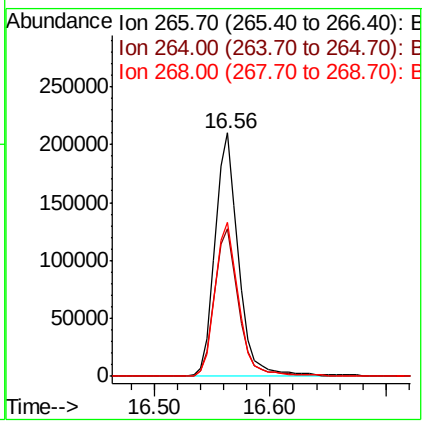


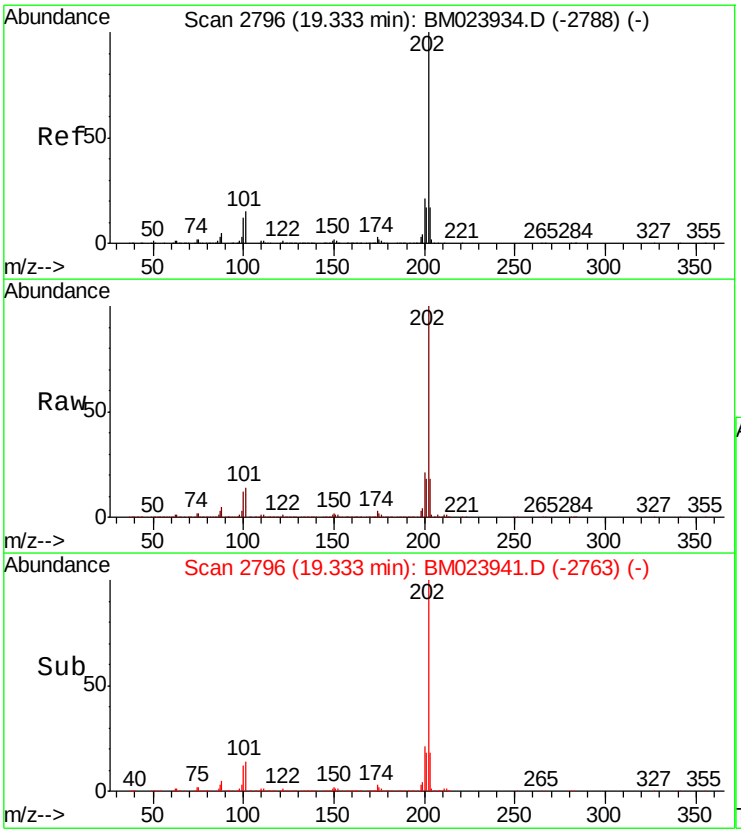

#69
Pentachlorophenol
Concen: 18.590 ng/ul
RT: 16.56 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BM023941.D
Acq: 28 Nov 2019 08:19

**Instrument :**
BNA_M
**ClientSampleId :**
JLNT7MS

Tgt Ion:266 Resp: 296309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 60.8 | 50.5 | 75.7 |
| 268 | 63.1 | 52.6 | 78.8 |




#80
Pyrene
Concen: 24.978 ng/ul
RT: 19.33 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BM023941.D
Acq: 28 Nov 2019 08:19

Tgt Ion:202 Resp: 3145484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.1 | 11.5 | 17.3 |
| 100 | 11.6 | 9.1 | 13.7 |