Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\
Data File : BM016791.D
Acq On : 19 Sep 2018 11:40
Operator : SJ/JU
Sample : J4914-02
Misc : PT
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Sep 20 01:55:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 20 01:54:47 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.73 | 152 | 264097 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.51 | 136 | 1081784 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.36 | 164 | 551454 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.11 | 188 | 1194252 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.30 | 240 | 1342507 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.54 | 264 | 1434808 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.27 | 96 | 26706 | 4.32 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.90 | 99 | 595044 | 26.71 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.07 | 67 | 362150 | 26.25 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.26 | 132 | 493697 | 27.16 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.43 | 113 | 460763 | 26.73 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.88 | 128 | 223225 | 31.40 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.59 | 143 | 212774 | 32.93 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.13 | 165 | 501654 | 30.55 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.65 | 131 | 622438 | 31.40 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.78 | 166 | 1347468 | 30.43 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.06 | 160 | 1675499 | 29.30 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.56 | 143 | 188084 | 25.88 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.36 | 176 | 1203841 | 31.15 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.47 | 200 | 118723 | 24.22 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.21 | 188 | 1857803 | 32.24 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.50 | 212 | 2091198 | 32.10 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.40 | 264 | 2451698 | 32.76 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.92 | 94 | 956247 | 43.006 | ng/ul | 98 |
| 20) Nitrobenzene | 8.92 | 77 | 676226 | 37.610 | ng/ul | 92 |
| 21) Isophorone | 9.45 | 82 | 1699056 | 47.549 | ng/ul | 96 |
| 27) 2,4-Dichlorophenol | 10.16 | 162 | 1141772 | 72.366 | ng/ul | 98 |
| 28) Naphthalene | 10.56 | 128 | 3053386 | 54.893 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.56 | 127 | 399692 | 20.150 | ng/ul# | 4 |
| 32) Caprolactam | 11.42 | 113 | 64873 | 13.001 | ng/ul | 89 |
| 39) 2,4,6-Trichlorophenol | 12.79 | 196 | 716960 | 66.480 | ng/ul | 99 |
| 40) 2,4,5-Trichlorophenol | 12.79 | 196 | 698970 | 59.388 | ng/ul | 98 |
| 42) 2-Chloronaphthalene | 13.23 | 162 | 2192704 | 61.074 | ng/ul | 98 |
| 45) Dimethylphthalate | 13.83 | 163 | 245610 | 5.676 | ng/ul | 98 |
| 57) Diethylphthalate | 15.20 | 149 | 2457229 | 57.316 | ng/ul | 97 |
| 65) N-Nitrosodiphenylamine | 15.63 | 169 | 1309343 | 35.444 | ng/ul | 99 |
| 67) Hexachlorobenzene | 16.42 | 284 | 556330 | 38.258 | ng/ul | 95 |
| 68) Atrazine | 16.59 | 200 | 614972 | 47.102 | ng/ul | 99 |
| 70) Phenanthrene | 17.16 | 178 | 2794794 | 42.130 | ng/ul | 99 |
| 72) Anthracene | 17.16 | 178 | 2794794 | 41.036 | ng/ul | 97 |
| 75) Carbazole | 17.52 | 167 | 3959816 | 66.142 | ng/ul | 98 |
| 81) Butylbenzylphthalate | 20.45 | 149 | 1211754 | 39.748 | ng/ul | 97 |
| 83) Benzo(a)anthracene | 21.34 | 228 | 3581379 | 43.092 | ng/ul | 97 |
| 85) Chrysene | 21.34 | 228 | 3581379 | 46.207 | ng/ul | 99 |
| 87) Di-n-octyl phthalate | 22.12 | 149 | 4678711 | 54.274 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.87 | 252 | 4803898 | 55.937 | ng/ul# | 96 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\
Data File : BM016791.D
Acq On : 19 Sep 2018 11:40
Operator : SJ/JU
Sample : J4914-02
Misc : PT
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Sep 20 01:55:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 20 01:54:47 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 89) Benzo(k)fluoranthene | 22.92 | 252 | 3632685 | 44.051 ng/ul# | 97 |
| 94) Benzo(g,h,i)perylene | 26.48 | 276 | 4593833 | 56.732 ng/ul# | 92 |

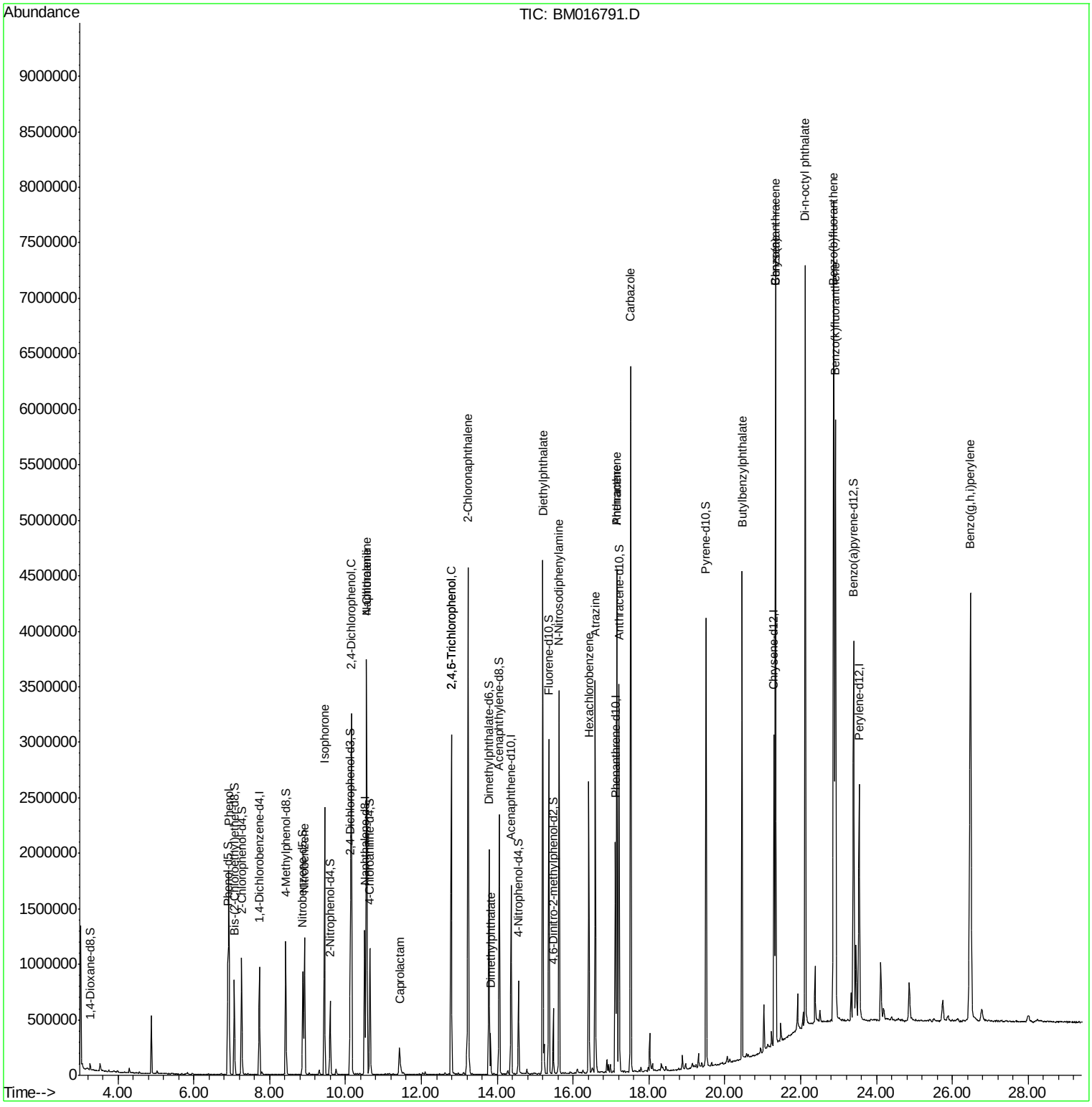
(#) = qualifier out of range (m) = manual integration (+) = signals summed

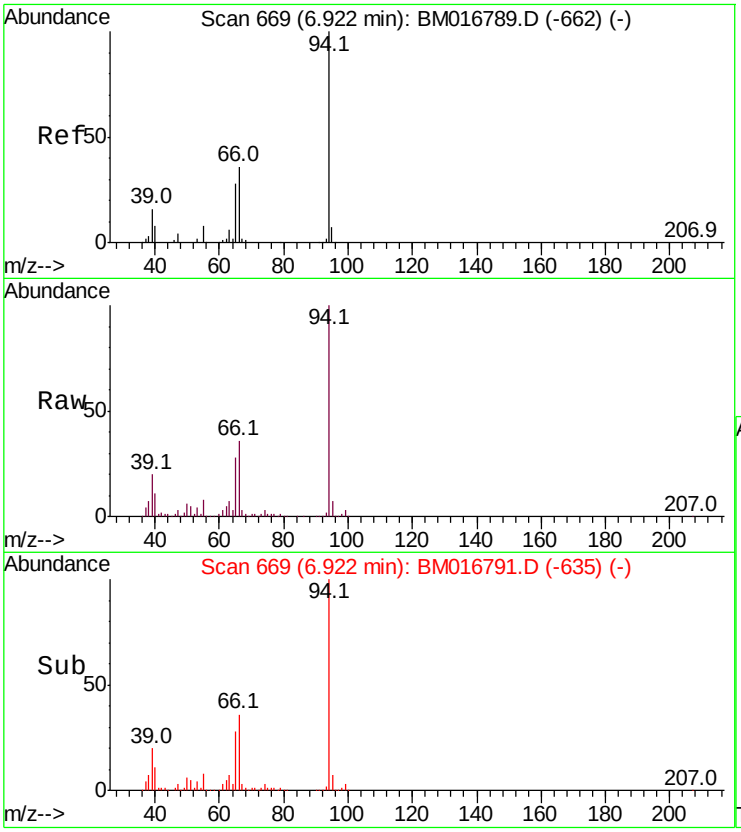
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\
Data File : BM016791.D
Acq On : 19 Sep 2018 11:40
Operator : SJ/JU
Sample : J4914-02
Misc : PT
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Sep 20 01:55:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 20 01:54:47 2018
Response via : Initial Calibration



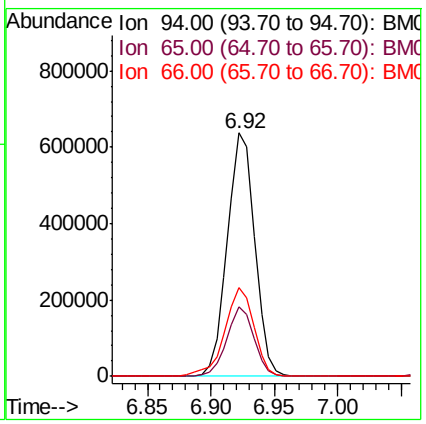


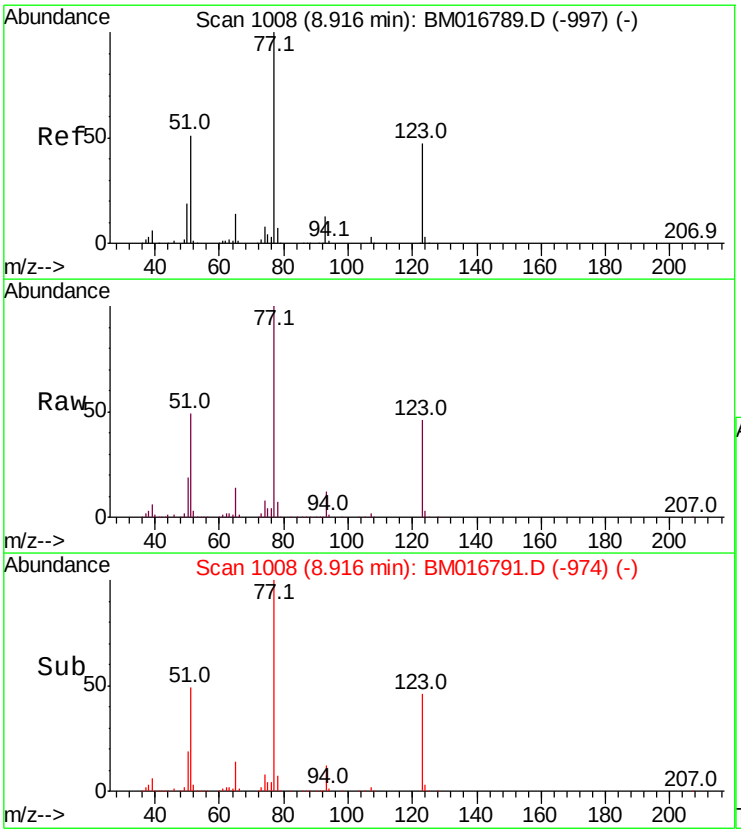

#6
Phenol
Concen: 43.006 ng/ul
RT: 6.92 min Scan# 669
Delta R.T. 0.00 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

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

Tgt Ion: 94 Resp: 956247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.4 | 23.0 | 34.6 |
| 66 | 36.4 | 30.4 | 45.6 |

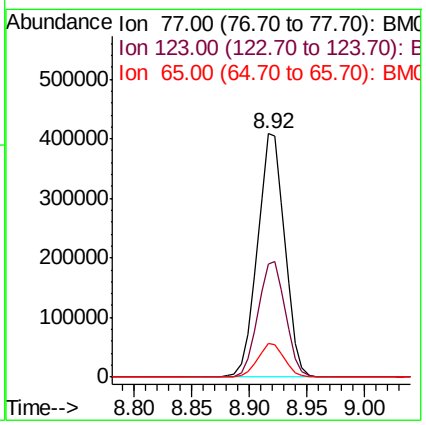


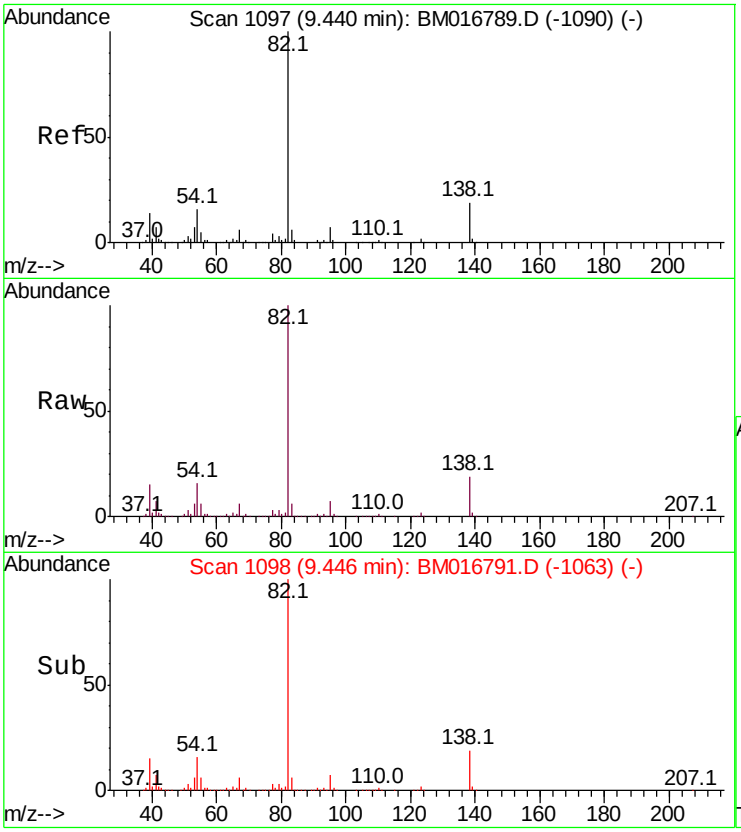




#20
Nitrobenzene
Concen: 37.610 ng/ul
RT: 8.92 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

Tgt Ion: 77 Resp: 676226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 46.3 | 31.8 | 47.8 |
| 65 | 13.9 | 10.6 | 16.0 |



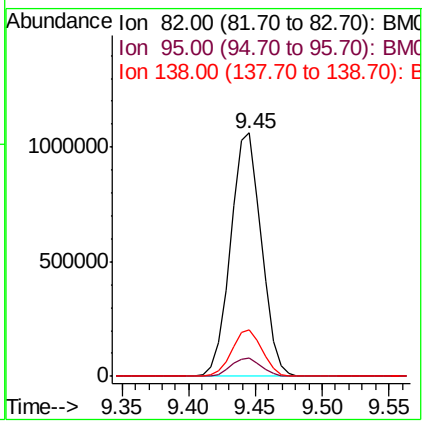


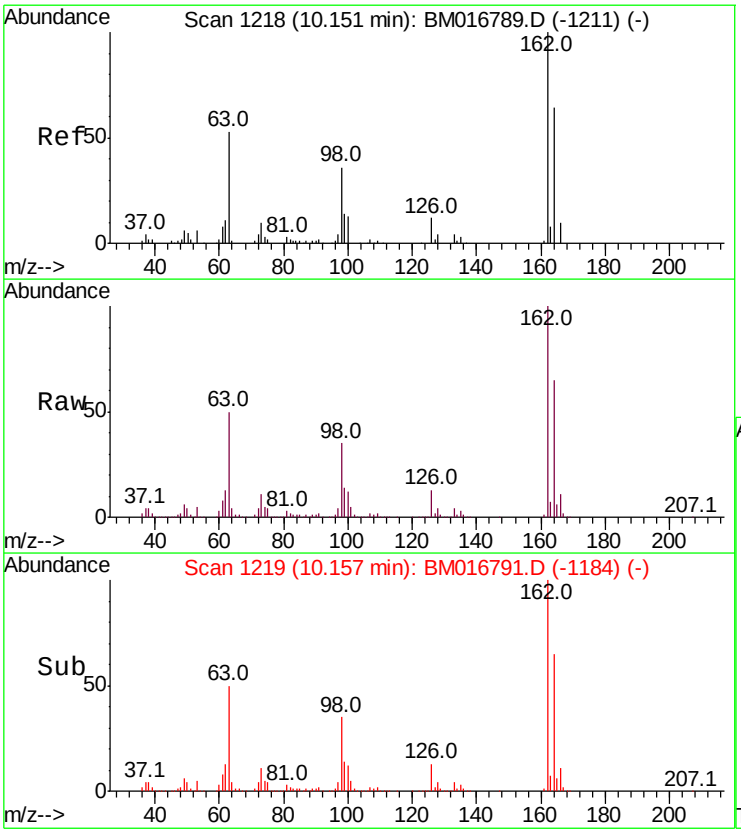

#21
Isophorone
Concen: 47.549 ng/ul
RT: 9.45 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

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

Tgt Ion: 82 Resp: 1699056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.4 | 6.1 | 9.1 |
| 138 | 19.2 | 13.5 | 20.3 |

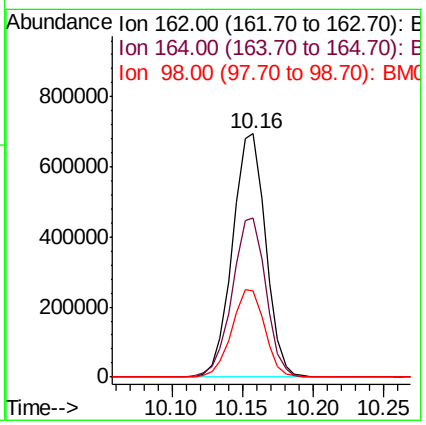


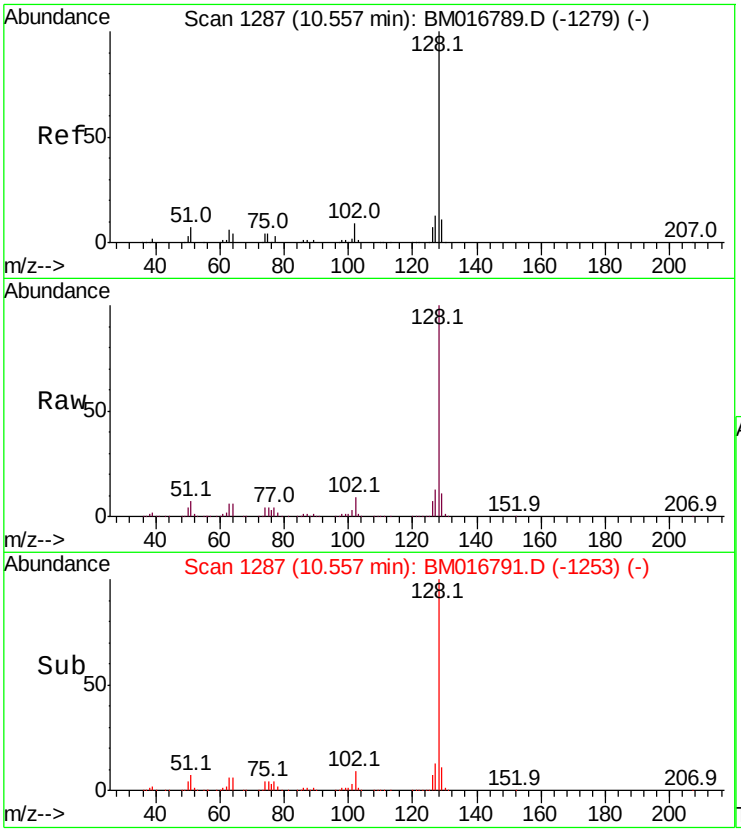




#27
2,4-Dichlorophenol
Concen: 72.366 ng/ul
RT: 10.16 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

Tgt Ion:162 Resp: 1141772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 65.3 | 52.0 | 78.0 |
| 98 | 35.4 | 26.6 | 39.8 |



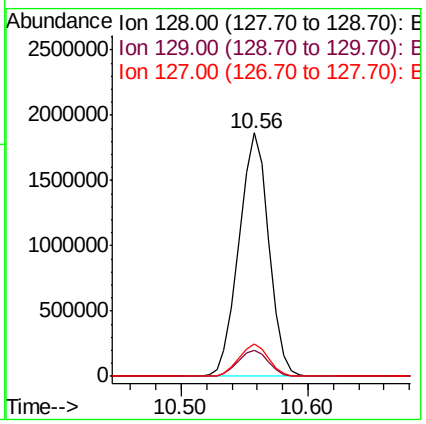


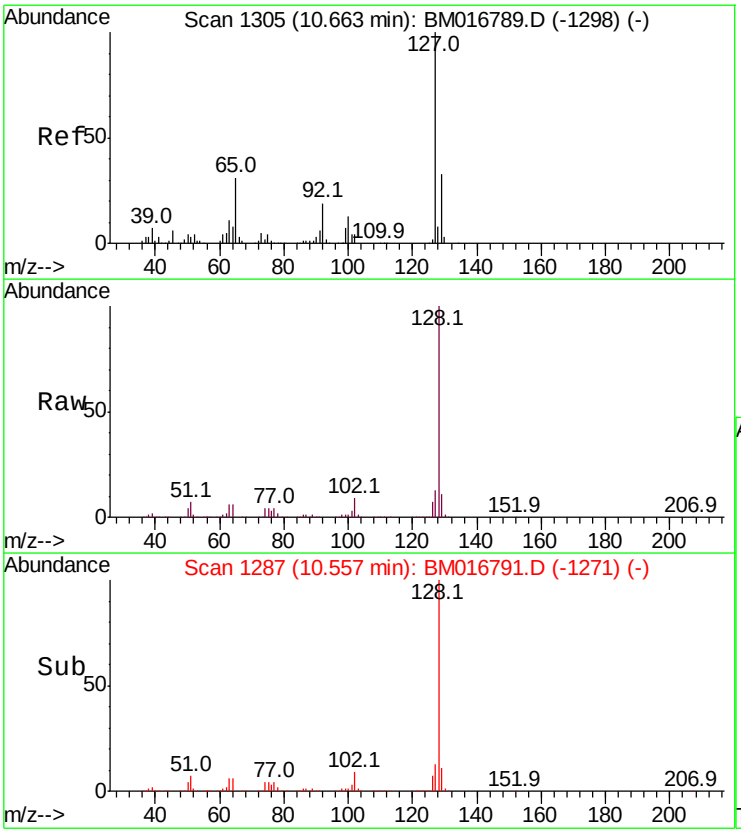

#28
Naphthalene
Concen: 54.893 ng/ul
RT: 10.56 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

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

Tgt Ion:128 Resp: 3053386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 8.3 | 12.5 |
| 127 | 13.1 | 10.8 | 16.2 |

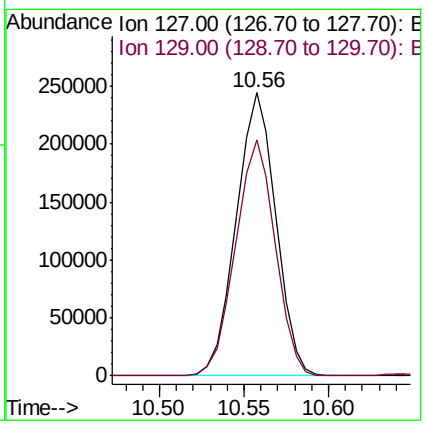


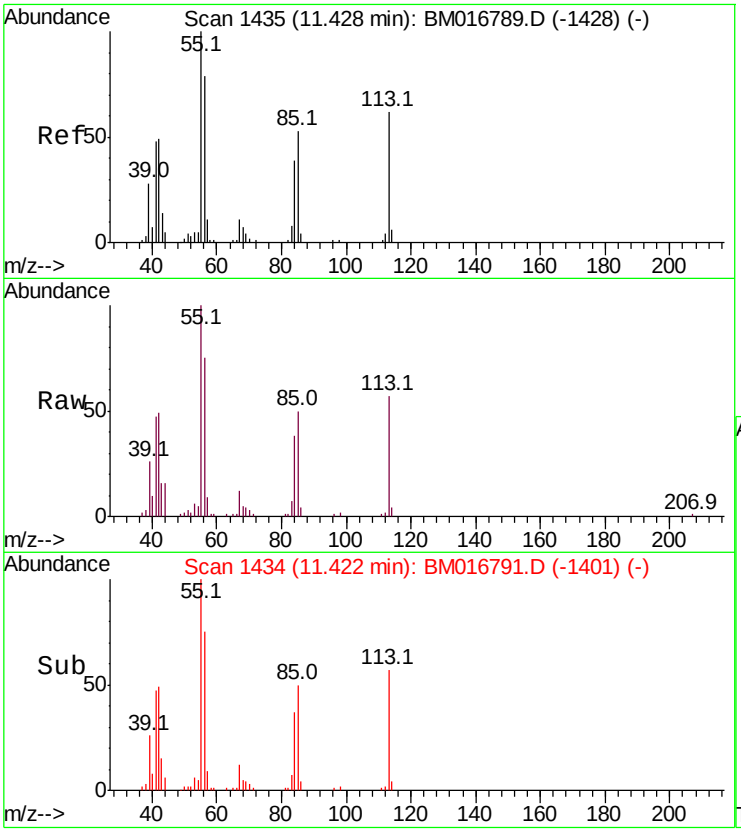




#30
4-Chloroaniline
Concen: 20.150 ng/ul
RT: 10.56 min Scan# 1287
Delta R.T. -0.11 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

Tgt Ion:127 Resp: 399692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 83.4 | 24.6 | 37.0# |



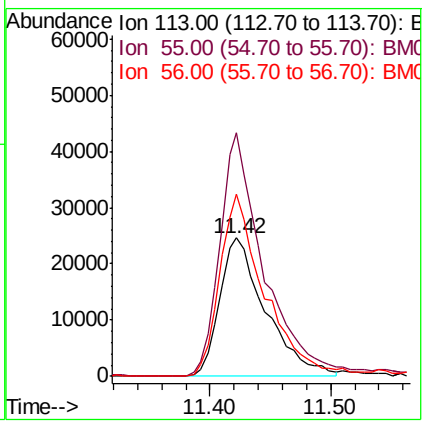


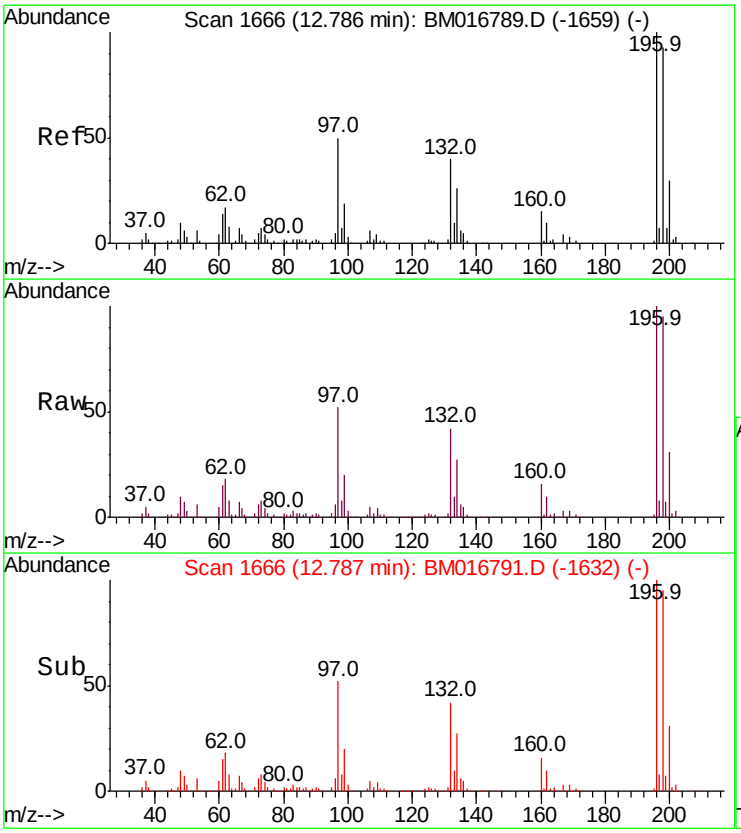

#32
Caprolactam
Concen: 13.001 ng/ul
RT: 11.42 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

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

Tgt Ion:113 Resp: 64873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 176.0 | 131.7 | 197.5 |
| 56 | 131.8 | 92.7 | 139.1 |

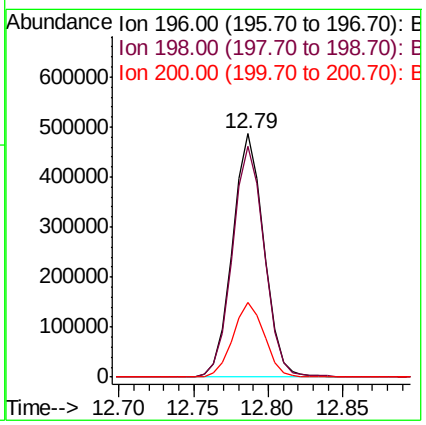


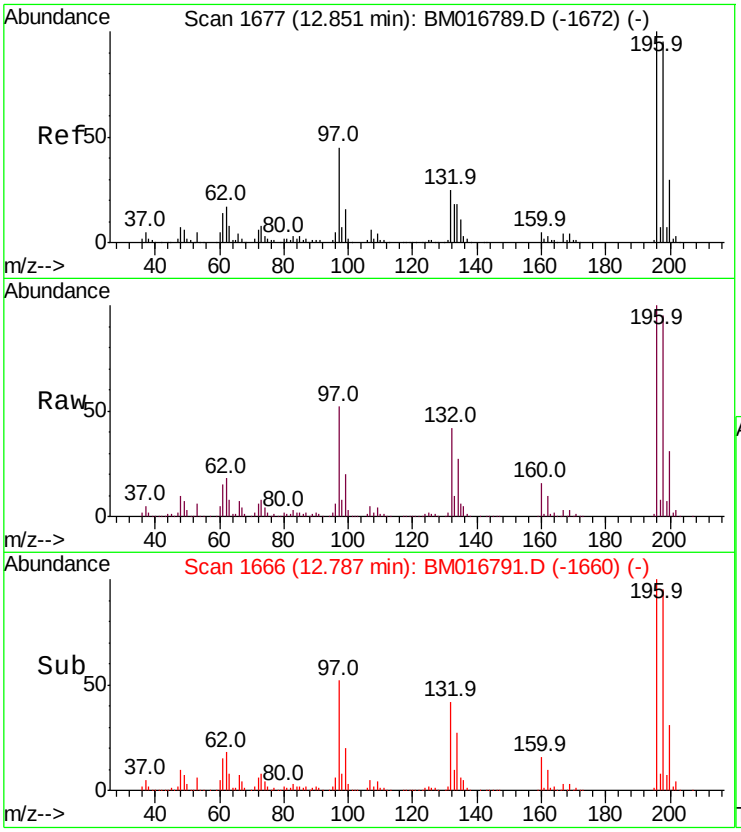




#39
2,4,6-Trichlorophenol
Concen: 66.480 ng/ul
RT: 12.79 min Scan# 1666
Delta R.T. 0.00 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

Tgt Ion:196 Resp: 716960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.1 | 75.9 | 113.9 |
| 200 | 30.8 | 25.8 | 38.6 |



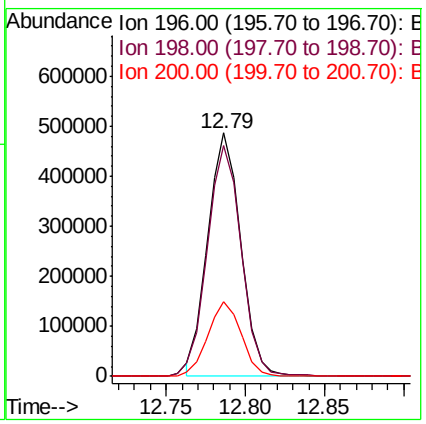


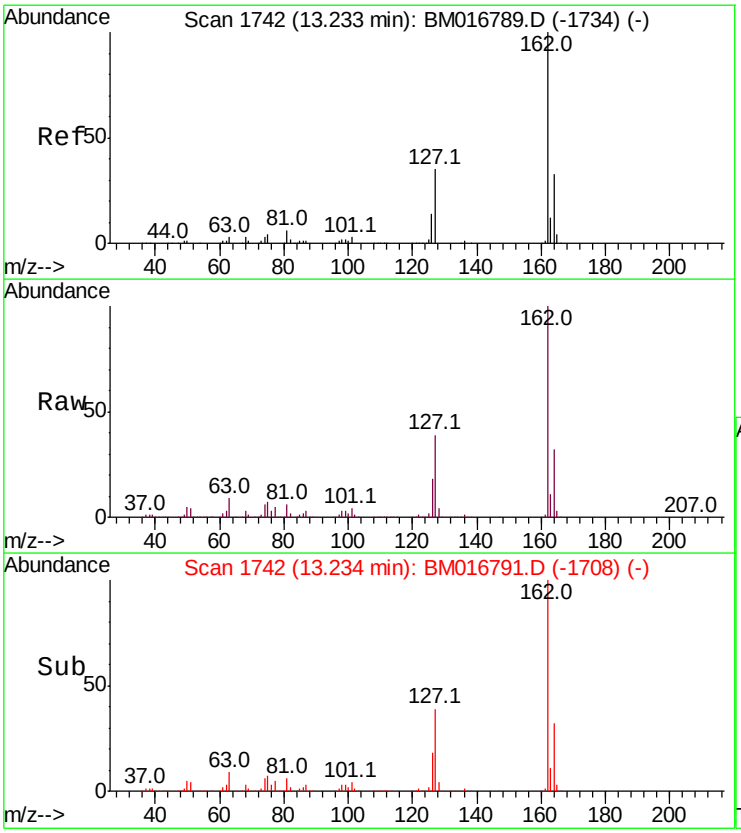

#40
2,4,5-Trichlorophenol
Concen: 59.388 ng/ul
RT: 12.79 min Scan# 1666
Delta R.T. -0.06 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

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

Tgt Ion:196 Resp: 698970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.1 | 74.7 | 112.1 |
| 200 | 30.8 | 25.4 | 38.0 |

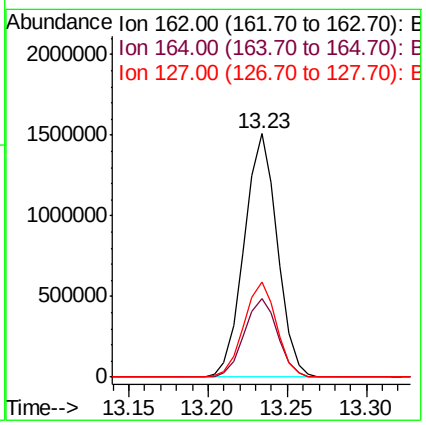


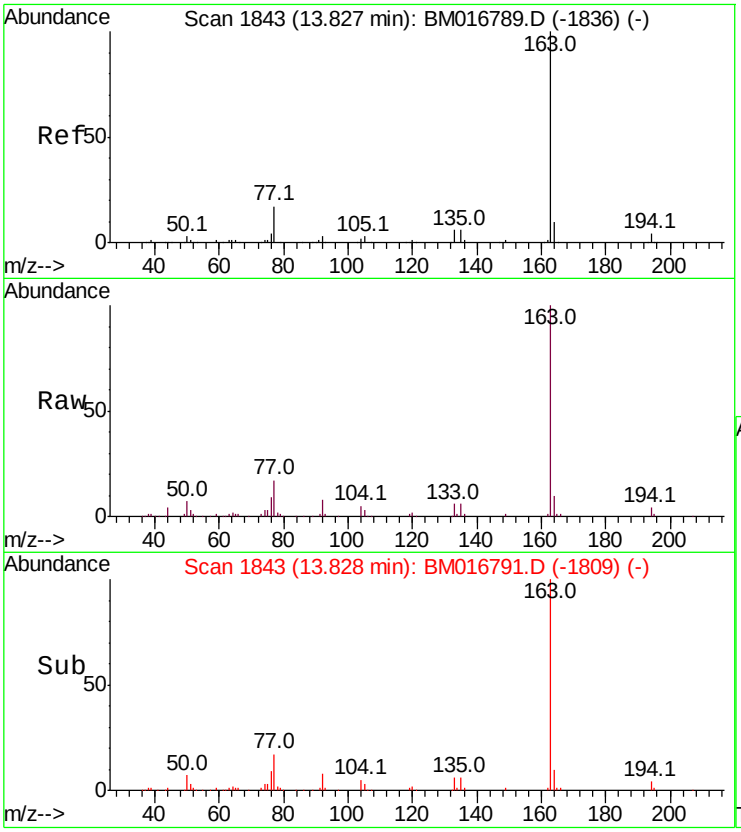




#42
2-Chloronaphthalene
Concen: 61.074 ng/ul
RT: 13.23 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

Tgt Ion:162 Resp: 2192704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 32.5 | 26.2 | 39.4 |
| 127 | 38.8 | 29.5 | 44.3 |



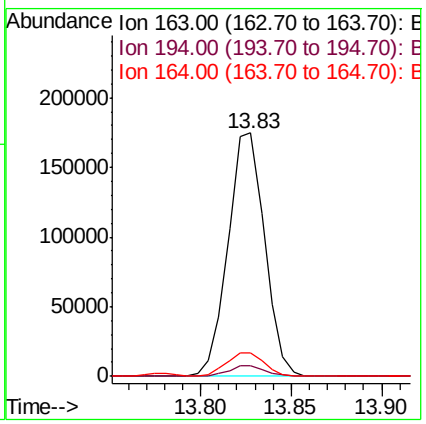


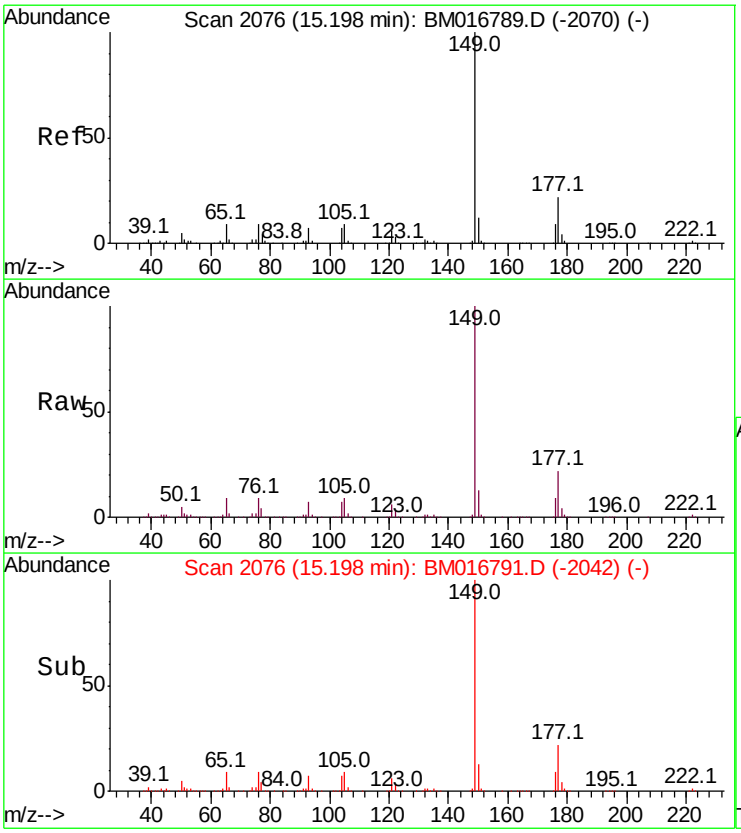

#45
Dimethylphthalate
Concen: 5.676 ng/ul
RT: 13.83 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

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

Tgt Ion:163 Resp: 245610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.4 | 4.0 | 6.0 |
| 164 | 9.6 | 8.4 | 12.6 |

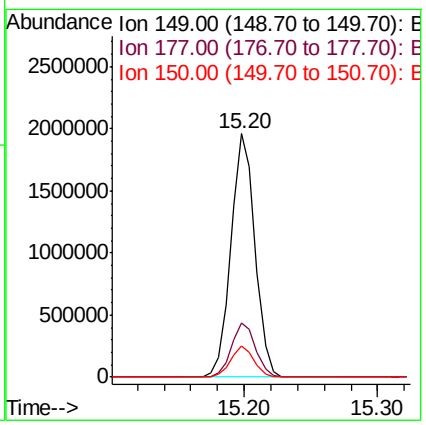


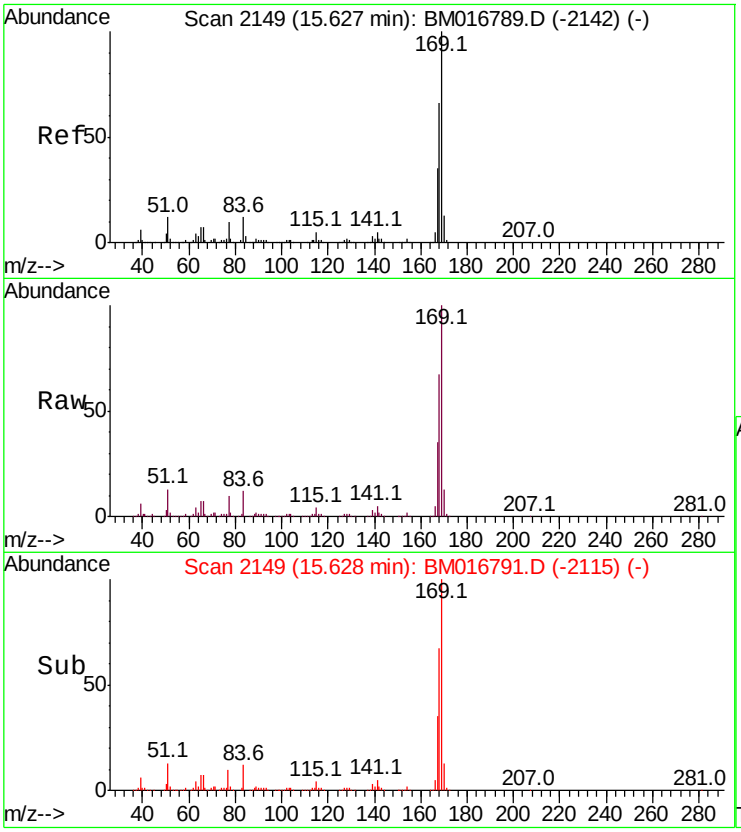




#57
Diethylphthalate
Concen: 57.316 ng/ul
RT: 15.20 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

Tgt Ion:149 Resp: 2457229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.2 | 19.3 | 28.9 |
| 150 | 12.5 | 10.6 | 15.8 |



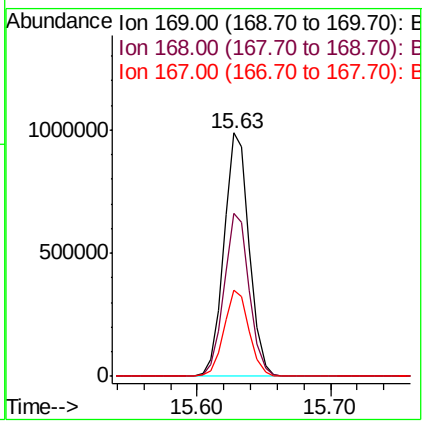


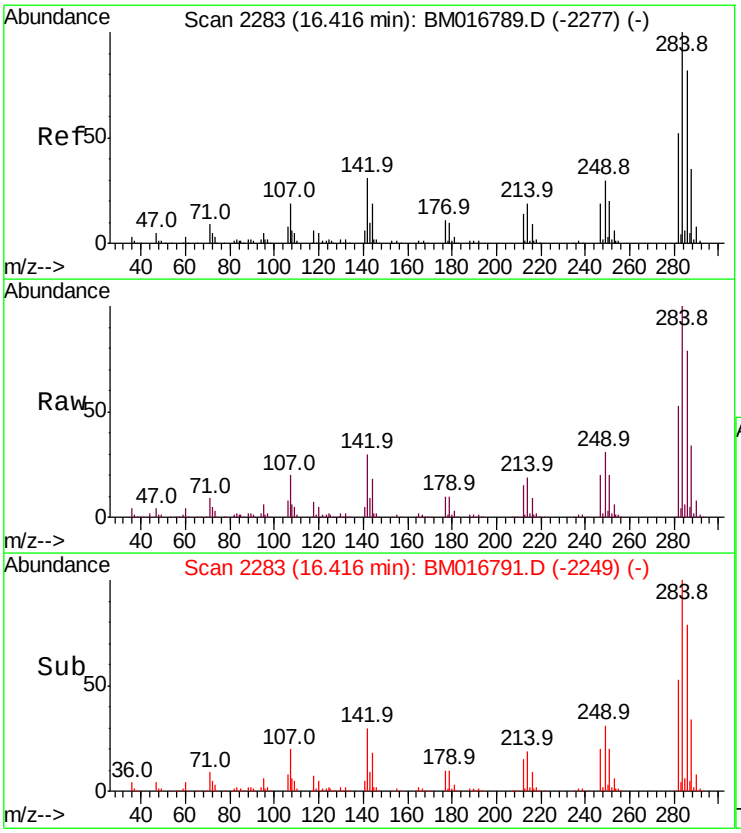

#65
N-Nitrosodiphenylamine
Concen: 35.444 ng/ul
RT: 15.63 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

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

Tgt Ion:169 Resp: 1309343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.8 | 53.8 | 80.8 |
| 167 | 35.3 | 29.5 | 44.3 |

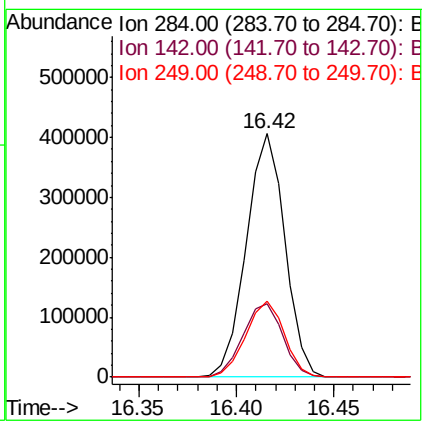


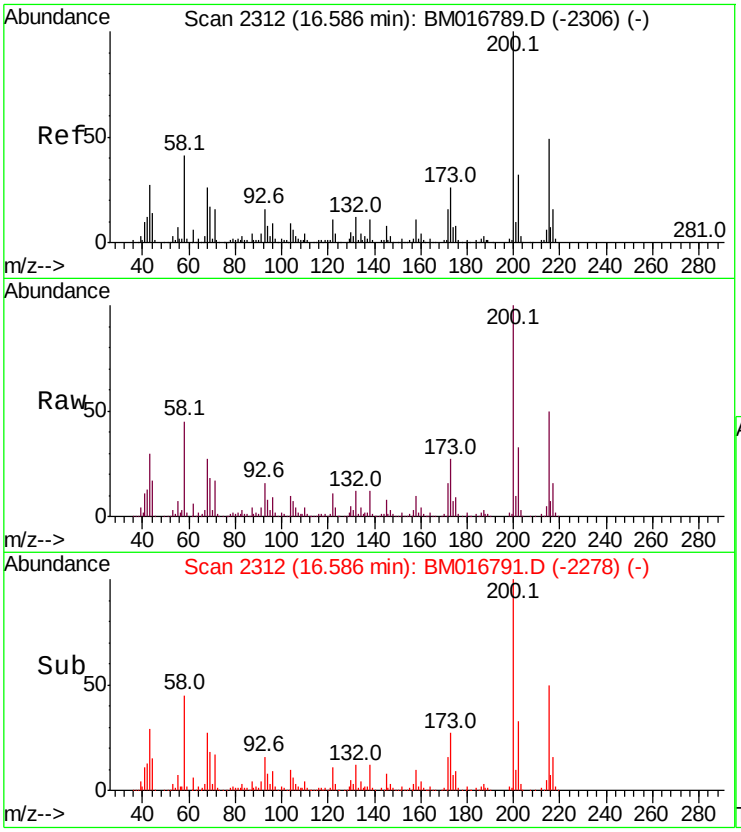




#67
Hexachlorobenzene
Concen: 38.258 ng/ul
RT: 16.42 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

Tgt Ion:284 Resp: 556330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 30.4 | 21.3 | 31.9 |
| 249 | 31.4 | 26.3 | 39.5 |



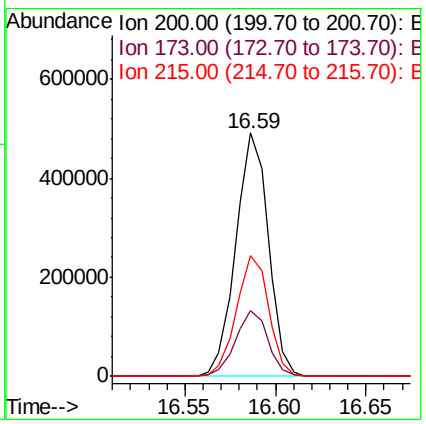


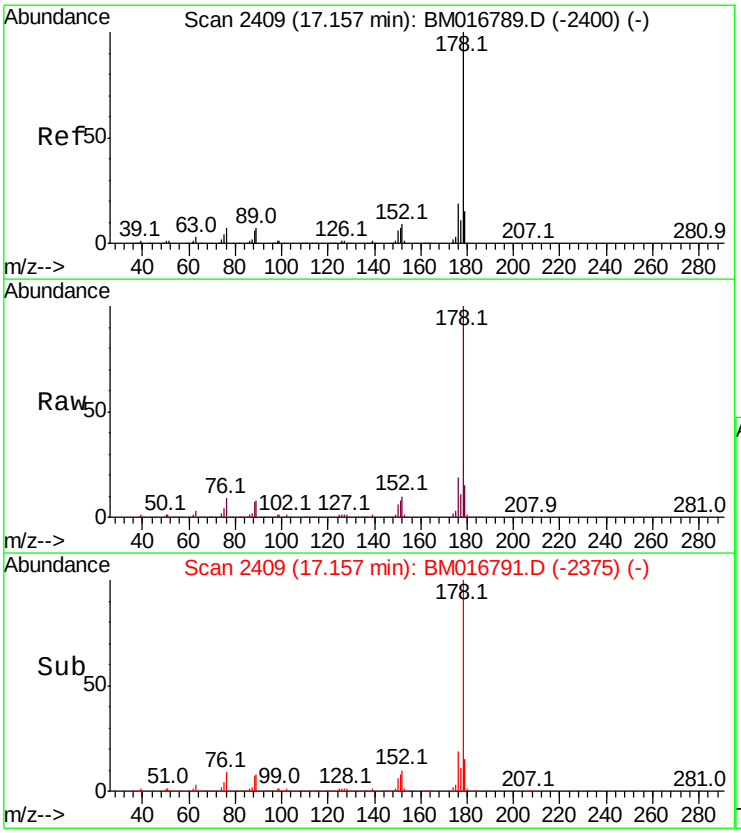

#68
Atrazine
Concen: 47.102 ng/ul
RT: 16.59 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

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

Tgt Ion:200 Resp: 614972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.1 | 20.6 | 31.0 |
| 215 | 49.8 | 39.8 | 59.6 |

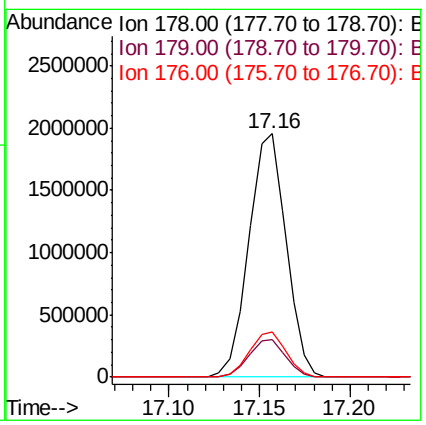


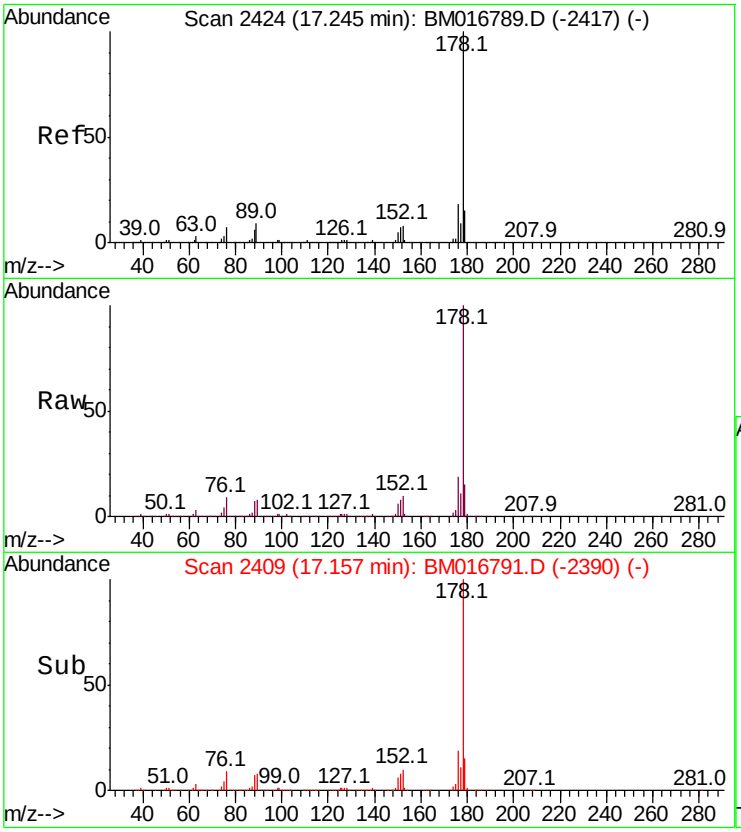




#70
Phenanthrene
Concen: 42.130 ng/ul
RT: 17.16 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

Tgt Ion:178 Resp: 2794794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.2 | 12.3 | 18.5 |
| 176 | 18.5 | 15.4 | 23.0 |



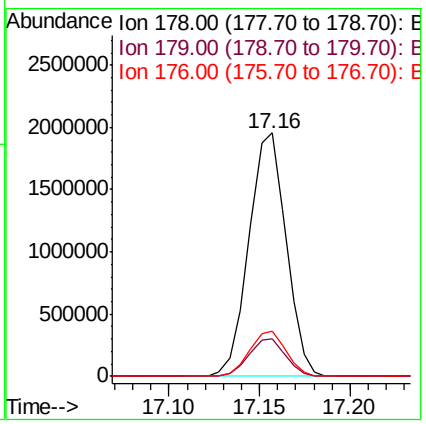


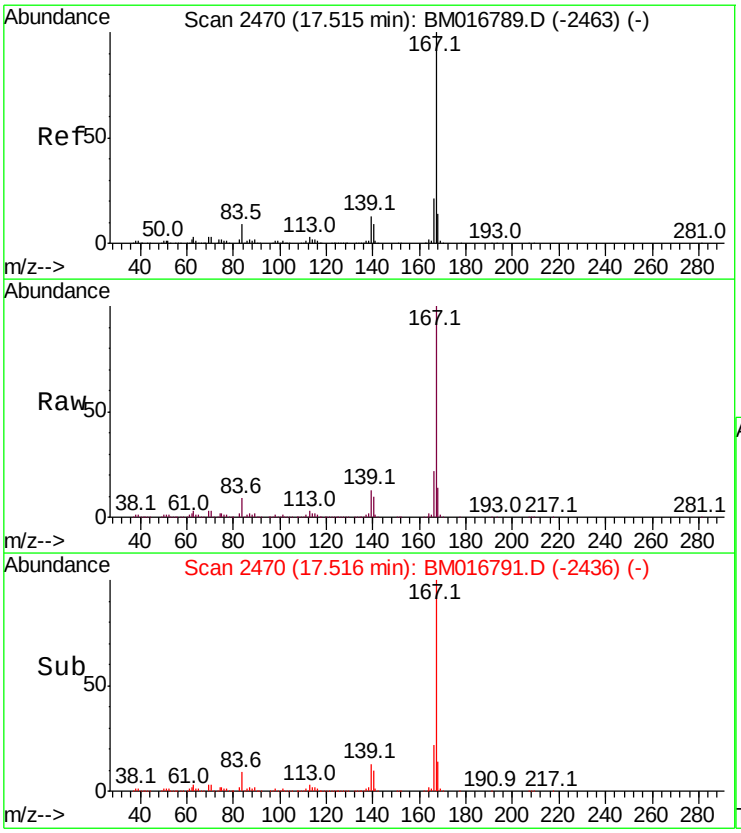

#72
Anthracene
Concen: 41.036 ng/ul
RT: 17.16 min Scan# 2409
Delta R.T. -0.09 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

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

Tgt Ion:178 Resp: 2794794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.2 | 13.4 | 20.2 |
| 176 | 18.5 | 15.4 | 23.0 |

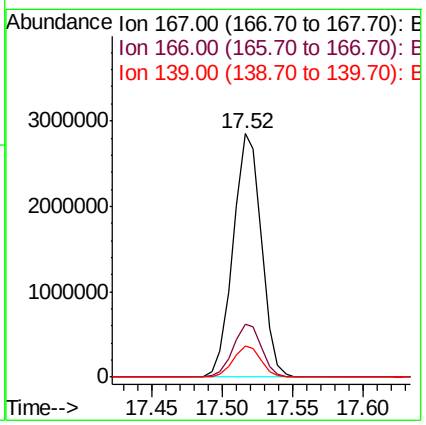


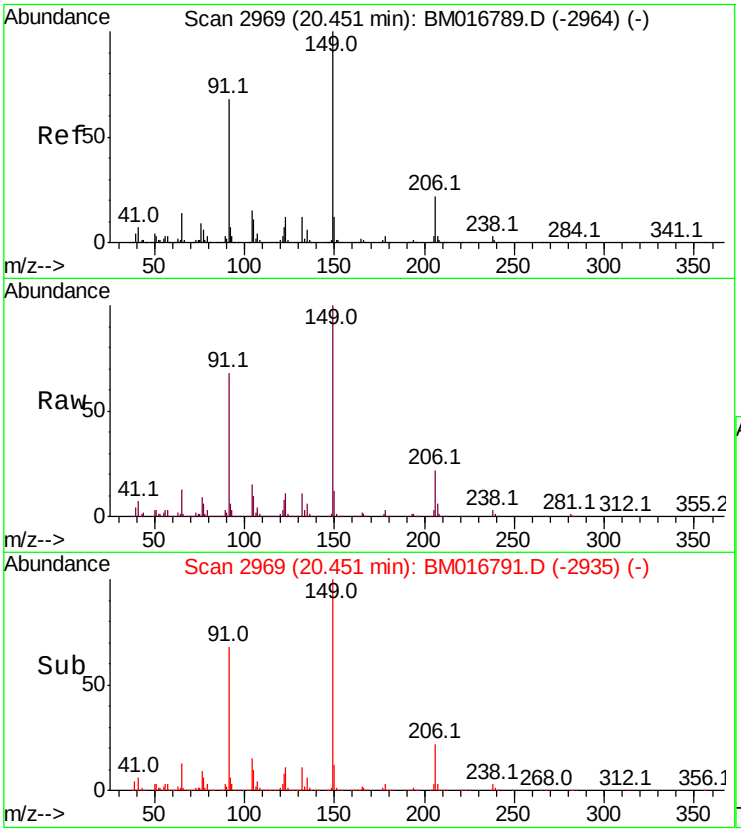




#75
Carbazole
Concen: 66.142 ng/ul
RT: 17.52 min Scan# 2470
Delta R.T. 0.00 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

Tgt Ion:167 Resp: 3959816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.8 | 17.0 | 25.4 |
| 139 | 12.7 | 9.1 | 13.7 |



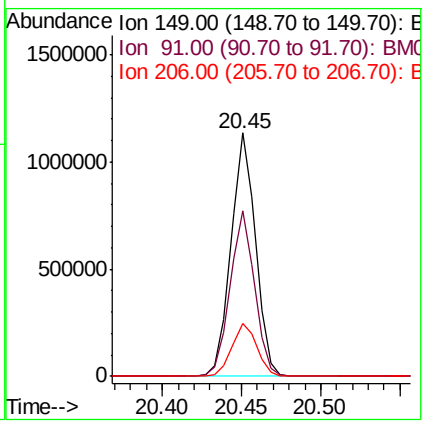


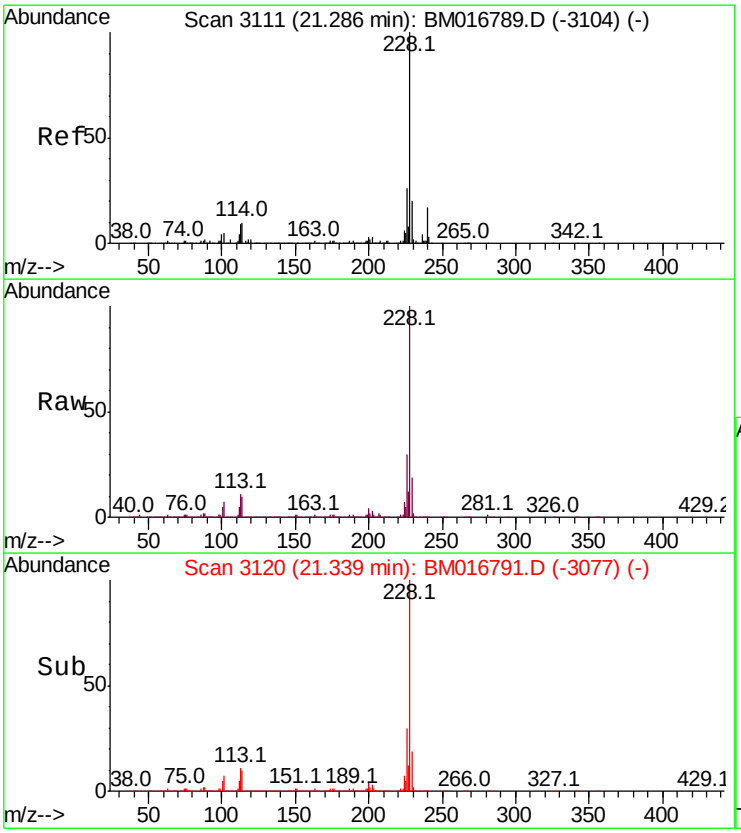

#81
Butylbenzylphthalate
Concen: 39.748 ng/ul
RT: 20.45 min Scan# 2969
Delta R.T. 0.00 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

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

Tgt Ion:149 Resp: 1211754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 68.0 | 53.4 | 80.0 |
| 206 | 21.6 | 19.3 | 28.9 |

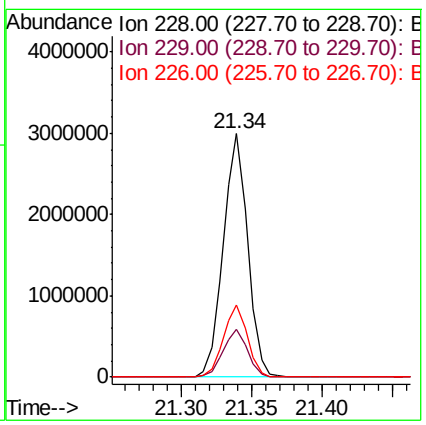


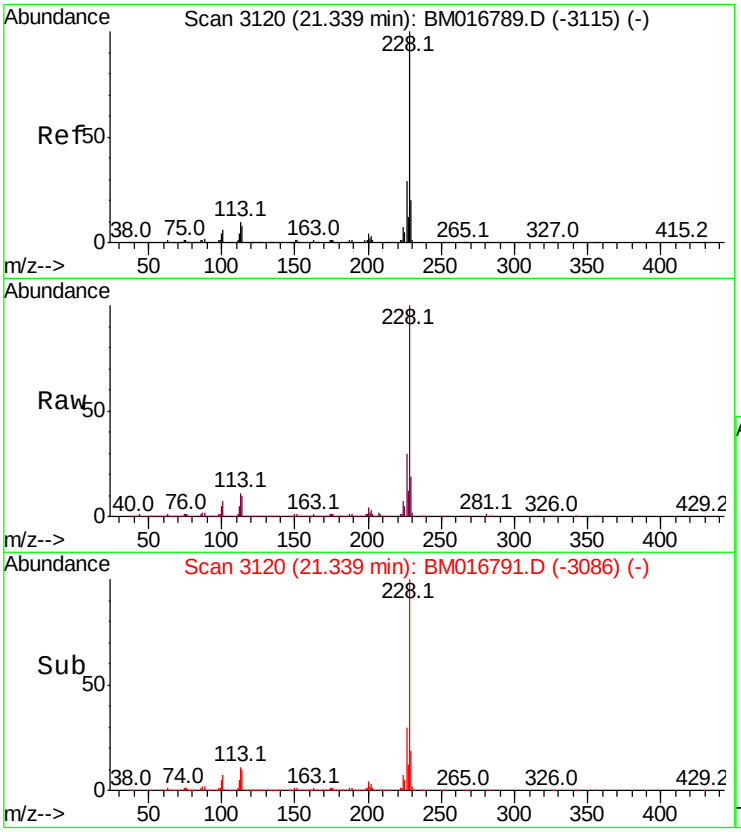




#83
Benzo(a)anthracene
Concen: 43.092 ng/ul
RT: 21.34 min Scan# 3120
Delta R.T. 0.05 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

Tgt Ion:228 Resp: 3581379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 19.4 | 16.0 | 24.0 |
| 226 | 29.7 | 21.8 | 32.8 |



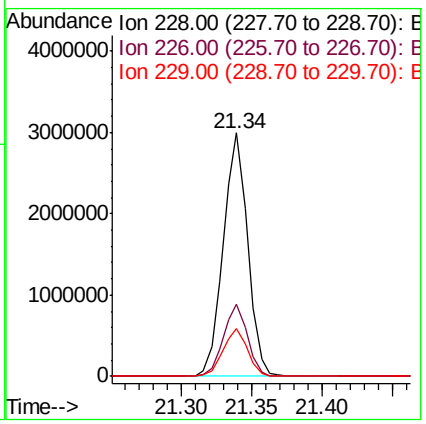


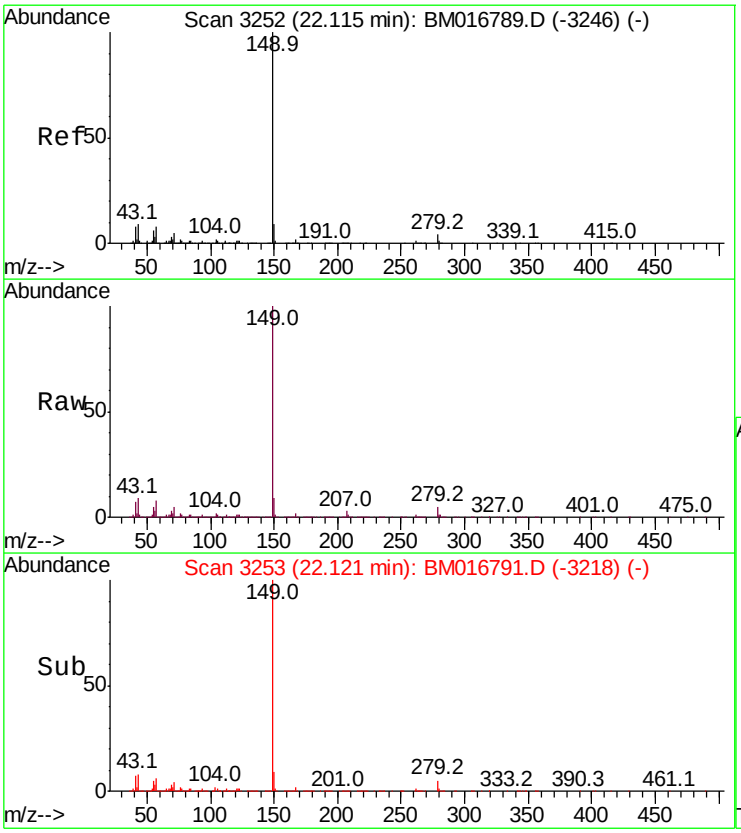

#85
Chrysene
Concen: 46.207 ng/ul
RT: 21.34 min Scan# 3120
Delta R.T. 0.00 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

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

Tgt Ion:228 Resp: 3581379

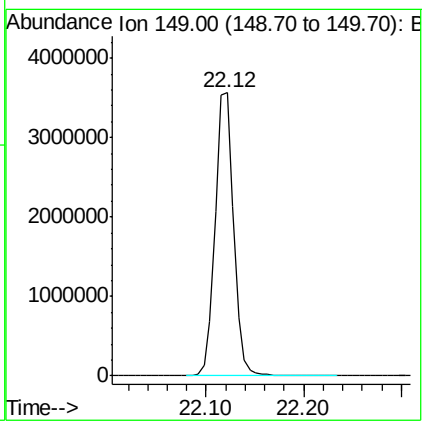
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.7 | 24.1 | 36.1 |
| 229 | 19.4 | 16.0 | 24.0 |

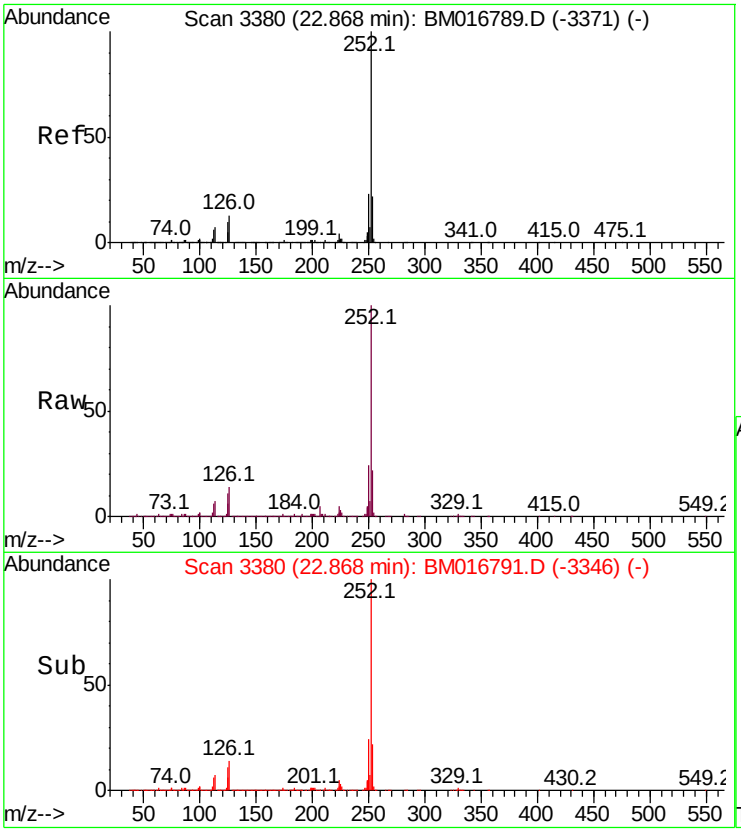



#87
Di-n-octyl phthalate
Concen: 54.274 ng/ul
RT: 22.12 min Scan# 3253
Delta R.T. 0.01 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

Tgt Ion:149 Resp: 4678711



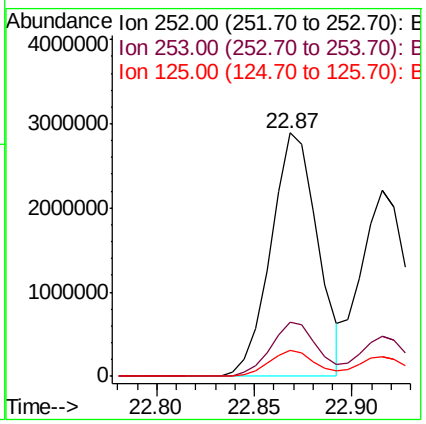


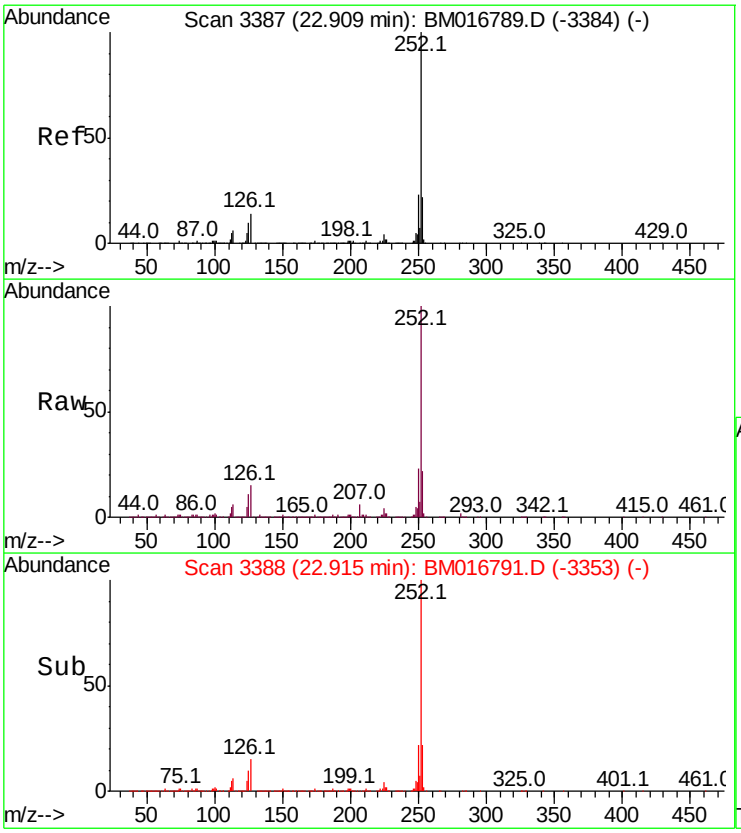

#88
Benzo(b)fluoranthene
Concen: 55.937 ng/ul
RT: 22.87 min Scan# 3380
Delta R.T. 0.00 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

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

Tgt Ion:252 Resp: 4803898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.4 | 26.0 |
| 125 | 10.8 | 4.9 | 7.3# |

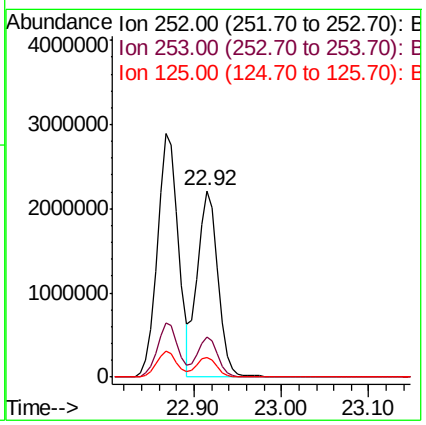


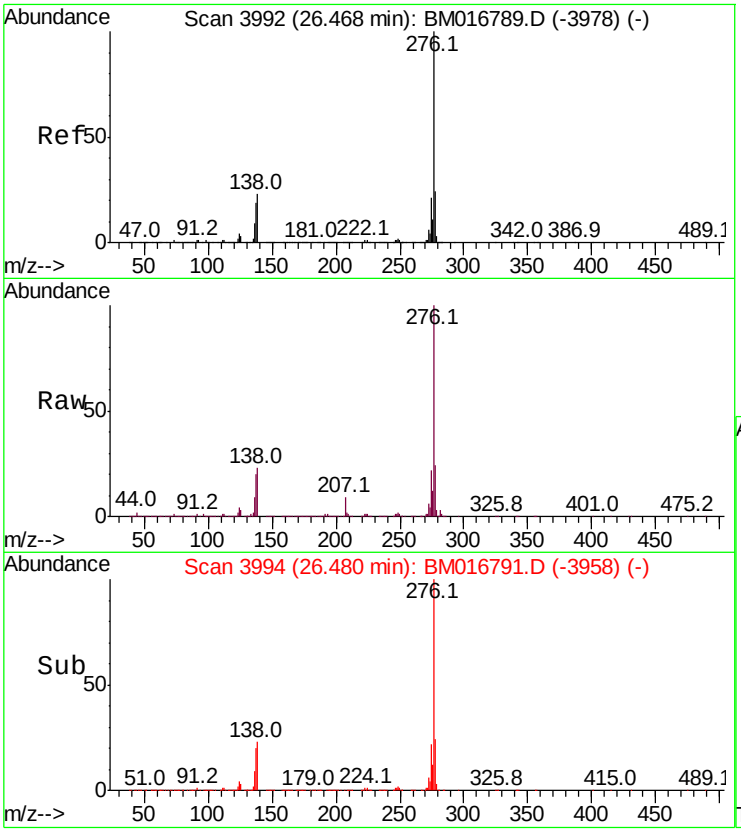




#89
Benzo(k)fluoranthene
Concen: 44.051 ng/ul
RT: 22.92 min Scan# 3388
Delta R.T. 0.01 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

Tgt Ion:252 Resp: 3632685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.1 | 25.7 |
| 125 | 10.5 | 5.4 | 8.0# |






#94
Benzo(g,h,i)perylene
Concen: 56.732 ng/ul
RT: 26.48 min Scan# 3994
Delta R.T. 0.01 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

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

Tgt Ion:276 Resp: 4593833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.6 | 11.2 | 16.8# |
| 277 | 23.8 | 19.0 | 28.6 |