Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F6A81

Quant Time: Jan 25 10:15:03 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.59 | 152 | 160513 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.37 | 136 | 624435 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.25 | 164 | 543280 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.02 | 188 | 739874 | 20.00 | ng/ul | 0.02 |
| 75) Chrysene-d12 | 21.20 | 240 | 766832 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.40 | 264 | 768960 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.15 | 96 | 12081 | 2.97 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.78 | 99 | 276194 | 22.41 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.94 | 67 | 179452 | 24.04 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.13 | 132 | 245298 | 24.43 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.31 | 113 | 188396 | 19.89 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.75 | 128 | 118182 | 24.39 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.46 | 143 | 138386 | 27.03 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.00 | 165 | 244639 | 24.73 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.52 | 131 | 97173 | 11.32 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.67 | 166 | 741359 | 16.56 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.94 | 160 | 908586 | 15.91 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.48 | 143 | 120196 | 16.52 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.25 | 176 | 633582 | 16.09 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 77296 | 17.36 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.11 | 188 | 968482 | 26.87 | ng/ul | 0.01 |
| 76) Pyrene-d10 | 19.40 | 212 | 1049740 | 29.40 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.26 | 264 | 976416 | 27.63 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 4) Benzaldehyde | 6.75 | 77 | 8970 | 1.052 | ng/ul# | 1 |
| 6) Phenol | 6.81 | 94 | 75362 | 6.098 | ng/ul# | 86 |
| 14) Acetophenone | 8.39 | 105 | 59275 | 3.781 | ng/ul# | 39 |
| 16) 4-Methylphenol | 8.38 | 108 | 25429 | 2.610 | ng/ul | 86 |
| 21) Isophorone | 9.31 | 82 | 82422 | 4.076 | ng/ul# | 80 |
| 24) 2,4-Dimethylphenol | 9.57 | 107 | 30896 | 2.746 | ng/ul# | 48 |
| 27) 2,4-Dichlorophenol | 10.03 | 162 | 9664 | 1.014 | ng/ul# | 92 |
| 28) Naphthalene | 10.42 | 128 | 4343042 | 139.803 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.49 | 127 | 29571 | 3.475 | ng/ul | 91 |
| 32) Caprolactam | 11.40 | 113 | 132897 | 50.118 | ng/ul | 79 |
| 34) 2-Methylnaphthalene | 12.05 | 142 | 3365163 | 145.292 | ng/ul | 97 |
| 40) 1,1'-Biphenyl | 13.07 | 154 | 886603 | 19.605 | ng/ul | 99 |
| 44) Dimethylphthalate | 13.72 | 163 | 140189 | 3.184 | ng/ul# | 92 |
| 47) Acenaphthylene | 13.97 | 152 | 97002 | 1.857 | ng/ul# | 30 |
| 49) Acenaphthene | 14.32 | 153 | 2417403 | 66.812 | ng/ul | 98 |
| 50) 2,4-Dinitrophenol | 14.40 | 184 | 7212 | 1.475 | ng/ul# | 1 |
| 52) 4-Nitrophenol | 14.49 | 109 | 7770 | 1.051 | ng/ul# | 42 |
| 53) Dibenzofuran | 14.66 | 168 | 2465246 | 45.291 | ng/ul | 98 |
| 54) 2,4-Dinitrotoluene | 14.62 | 165 | 18841 | 1.515 | ng/ul# | 69 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.89 | 232 | 842866 | 73.907 | ng/ul# | 92 |
| 58) Fluorene | 15.31 | 166 | 2235806 | 50.144 | ng/ul | 99 |
| 64) N-Nitrosodiphenylamine | 15.52 | 169 | 274937 | 12.635 | ng/ul# | 56 |
| 68) Pentachlorophenol | 16.70 | 266 | 13607536 | 2722.331 | ng/ul | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F6A81

Quant Time: Jan 25 10:15:03 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 69) Phenanthrene | 17.06 | 178 | 10334597 | 251.288 | ng/ul | 99 |
| 71) Anthracene | 17.15 | 178 | 1548017 | 36.493 | ng/ul | 97 |
| 72) Carbazole | 17.42 | 167 | 355847 | 10.162 | ng/ul# | 91 |
| 74) Fluoranthene | 19.07 | 202 | 4559699 | 92.881 | ng/ul# | 95 |
| 77) Pyrene | 19.44 | 202 | 3284246 | 70.450 | ng/ul# | 94 |
| 80) Benzo(a)anthracene | 21.19 | 228 | 525628 | 11.344 | ng/ul | 97 |
| 82) Chrysene | 21.24 | 228 | 467476 | 10.997 | ng/ul | 97 |
| 85) Benzo(b)fluoranthene | 22.74 | 252 | 179662 | 3.804 | ng/ul# | 77 |
| 86) Benzo(k)fluoranthene | 22.74 | 252 | 179662 | 3.936 | ng/ul# | 74 |
| 88) Benzo(a)pyrene | 23.30 | 252 | 95274 | 2.136 | ng/ul# | 69 |

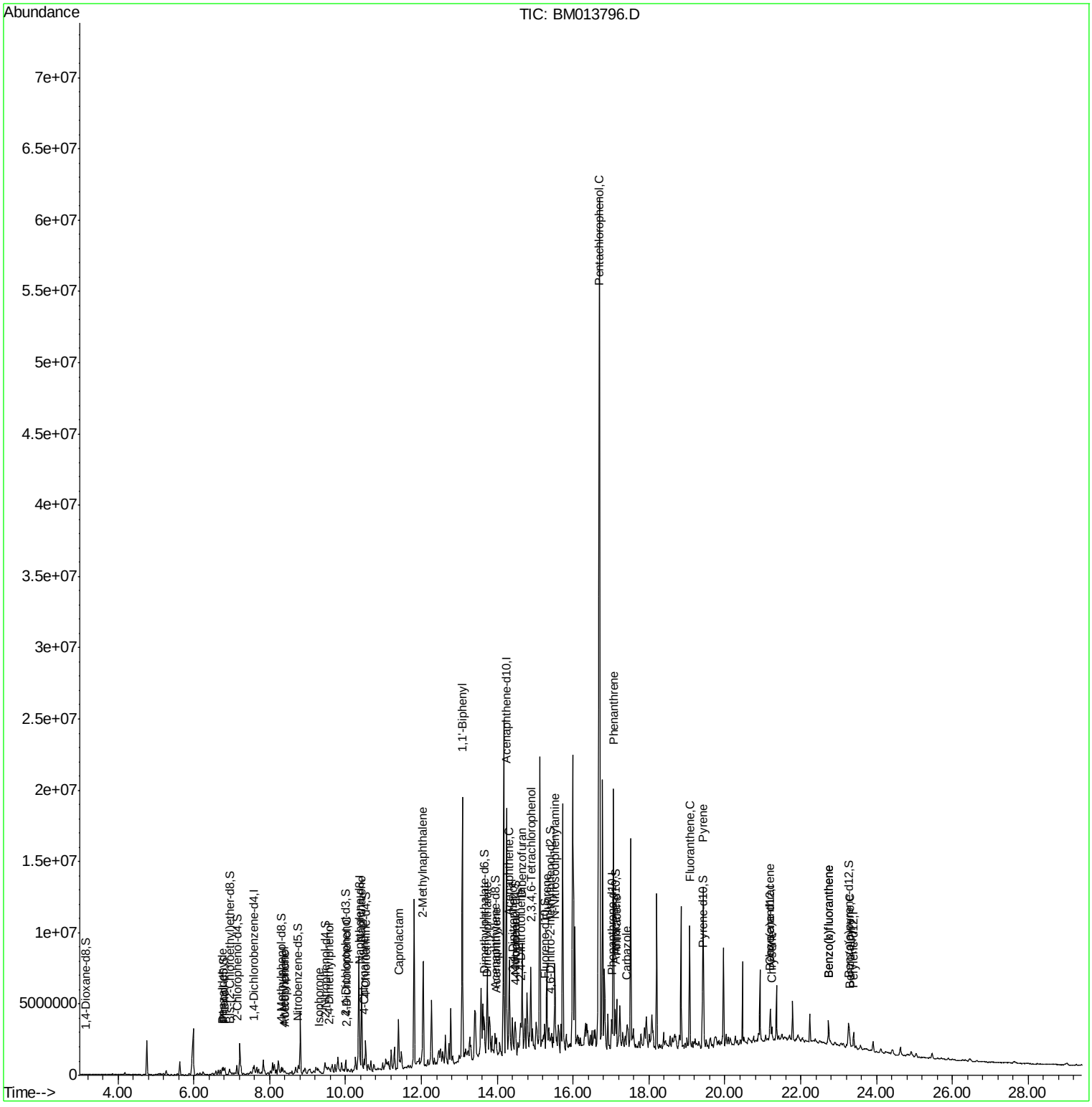
(#) = qualifier out of range (m) = manual integration (+) = signals summed

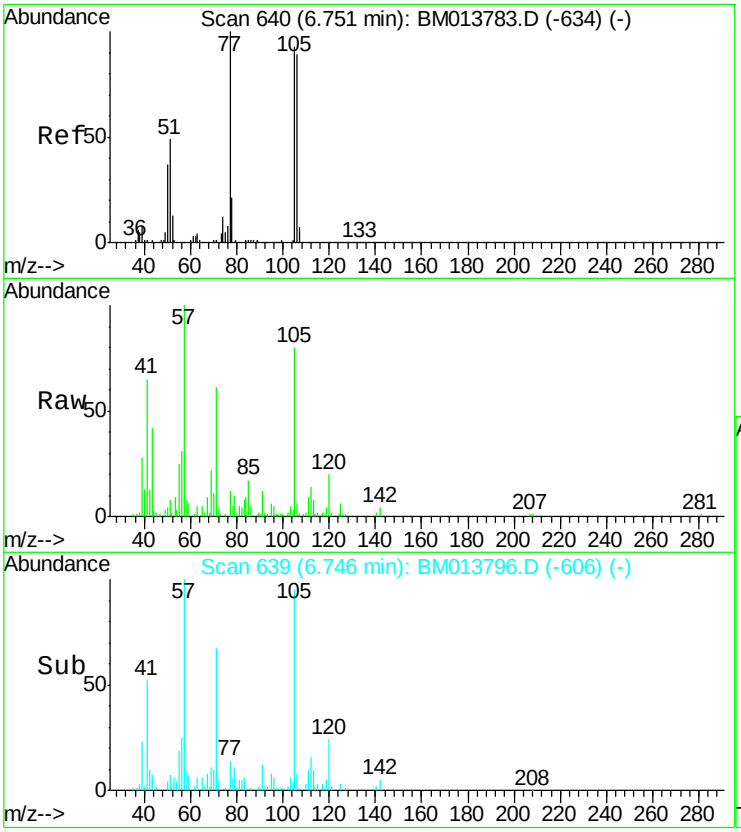
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
F6A81

Quant Time: Jan 25 10:15:03 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration



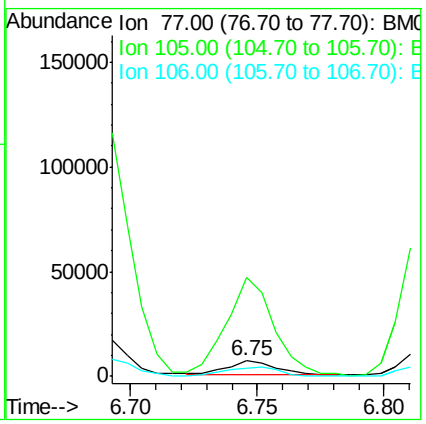


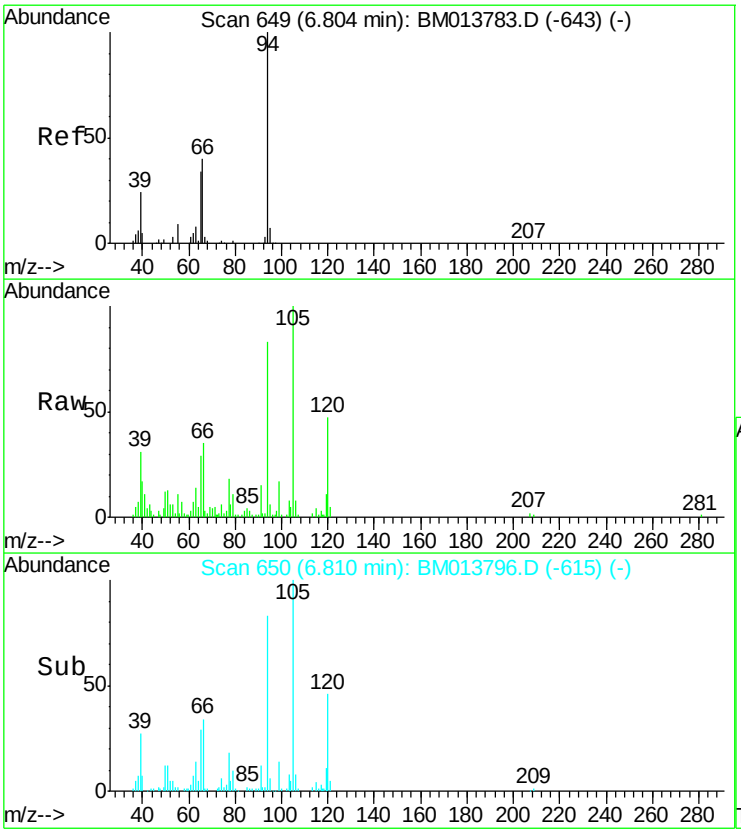

#4
Benzaldehyde
Concen: 1.052 ng/ul
RT: 6.75 min Scan# 639
Delta R.T. -0.01 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

**Instrument :**
BNA_M
**ClientSampleId :**
F6A81

Tgt Ion: 77 Resp: 8970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 639.6 | 66.1 | 99.1# |
| 106 | 50.8 | 67.8 | 101.6# |

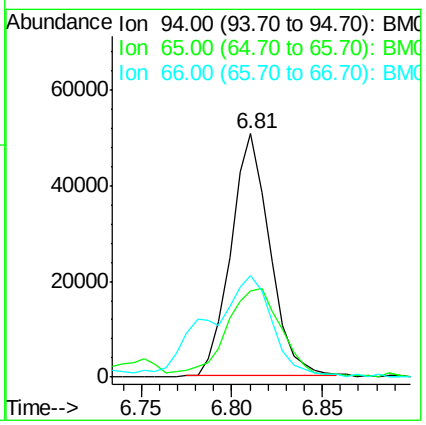


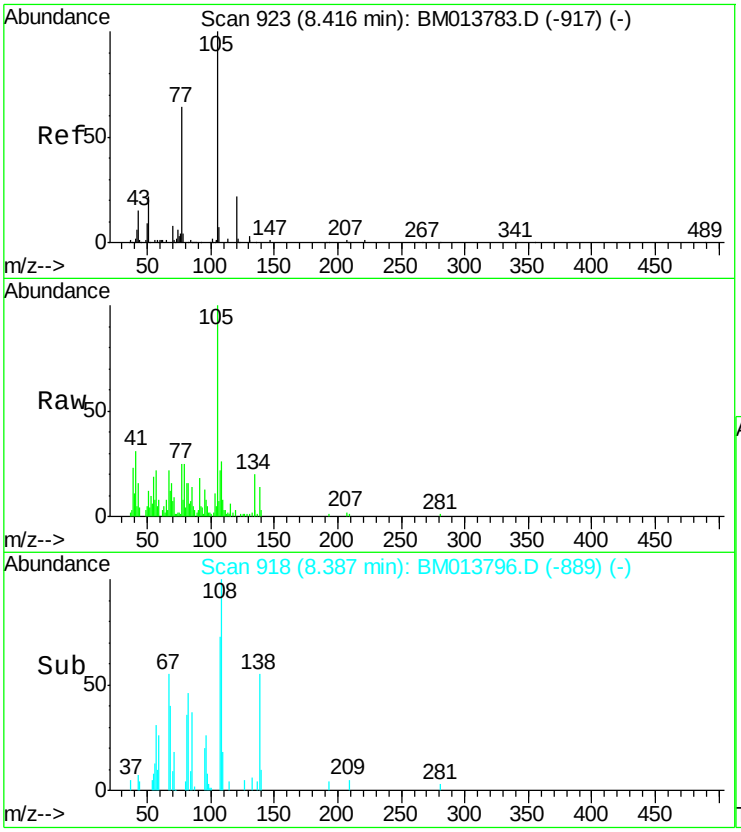




#6
Phenol
Concen: 6.098 ng/ul
RT: 6.81 min Scan# 650
Delta R.T. 0.01 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

Tgt Ion: 94 Resp: 75362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 35.5 | 28.2 | 42.4 |
| 66 | 41.8 | 47.2 | 70.8# |



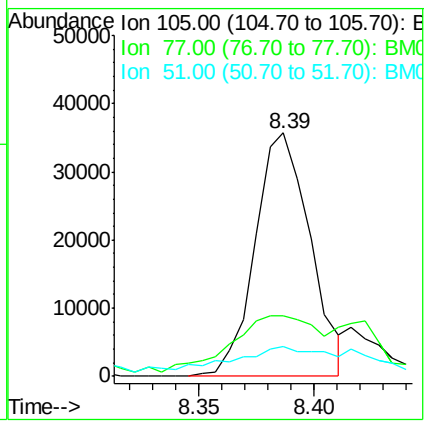


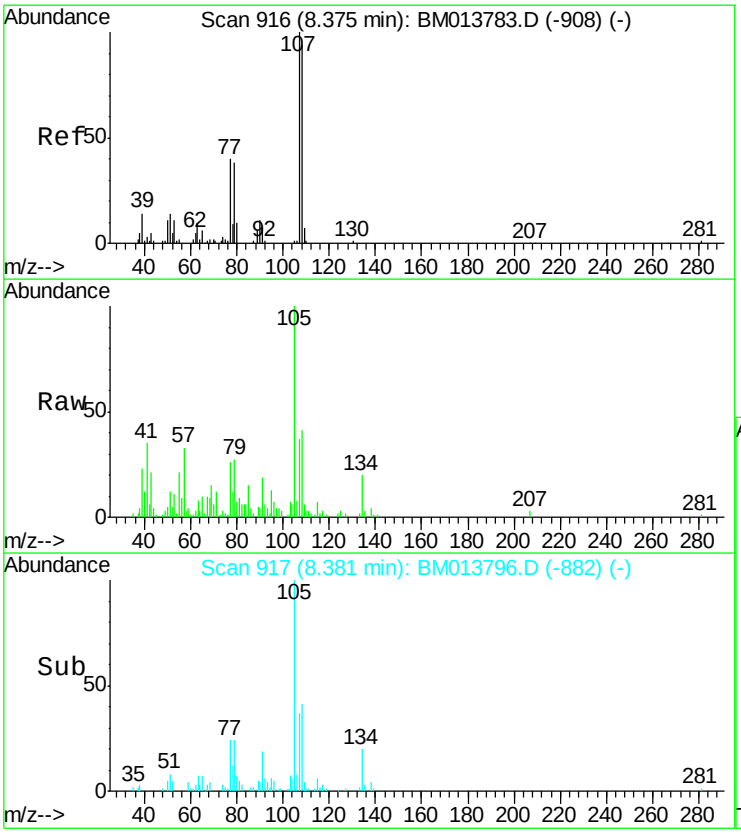

#14
Acetophenone
Concen: 3.781 ng/ul
RT: 8.39 min Scan# 918
Delta R.T. -0.03 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

**Instrument :**
BNA_M
**ClientSampleId :**
F6A81

Tgt Ion:105 Resp: 59275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 77 | 25.0 | 74.2 | 111.4# |
| 51 | 12.4 | 23.4 | 35.2# |

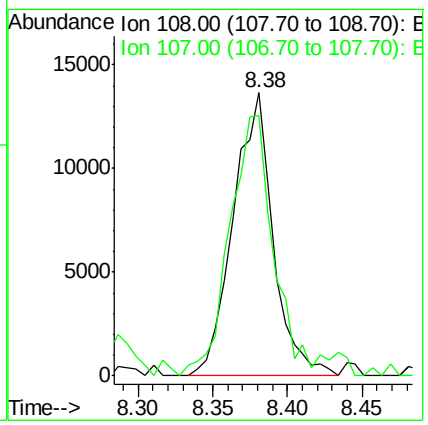


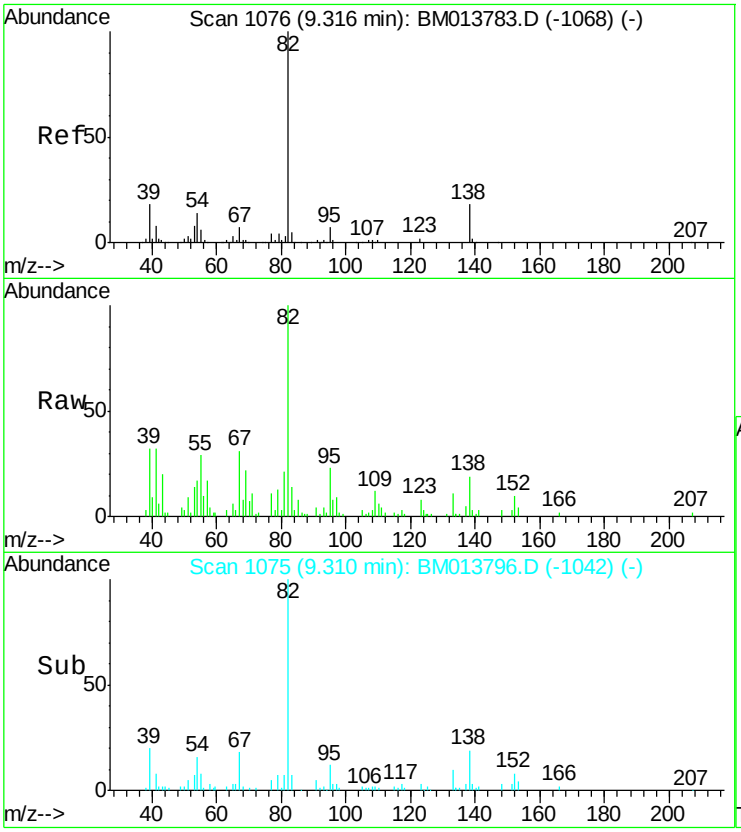




#16
4-Methylphenol
Concen: 2.610 ng/ul
RT: 8.38 min Scan# 917
Delta R.T. 0.01 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

Tgt Ion:108 Resp: 25429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 107 | 91.8 | 84.9 | 127.3 |



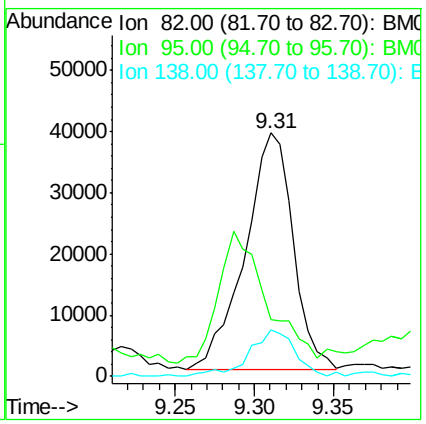


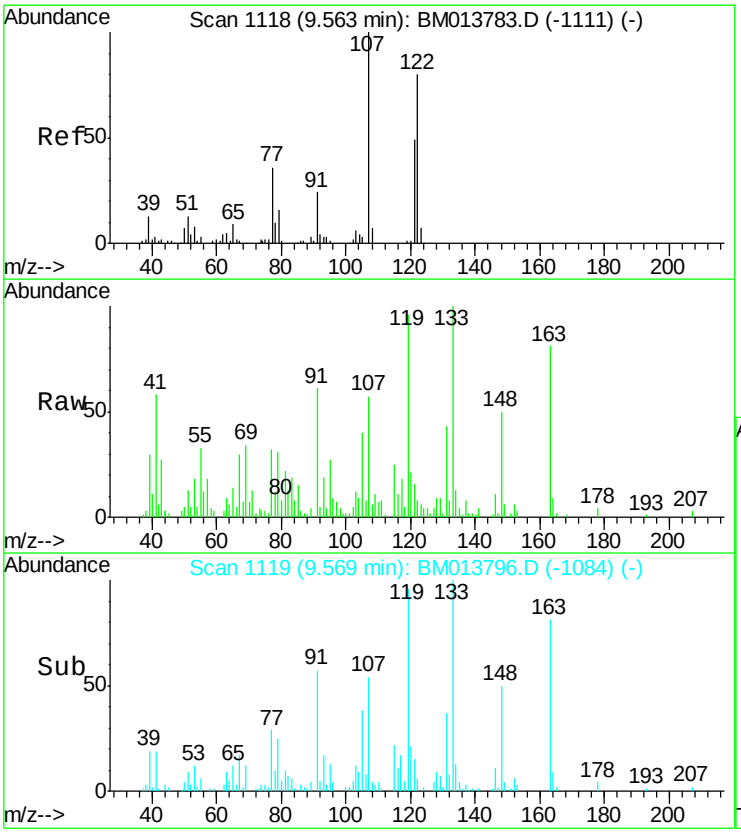

#21
Isophorone
Concen: 4.076 ng/ul
RT: 9.31 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

**Instrument :**
BNA_M
**ClientSampleId :**
F6A81

Tgt Ion: 82 Resp: 82422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 23.4 | 7.8 | 11.8# |
| 138 | 18.9 | 11.9 | 17.9# |

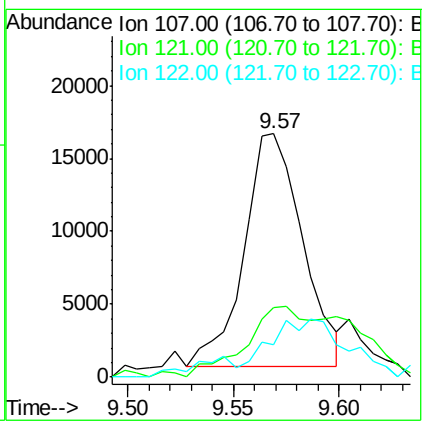


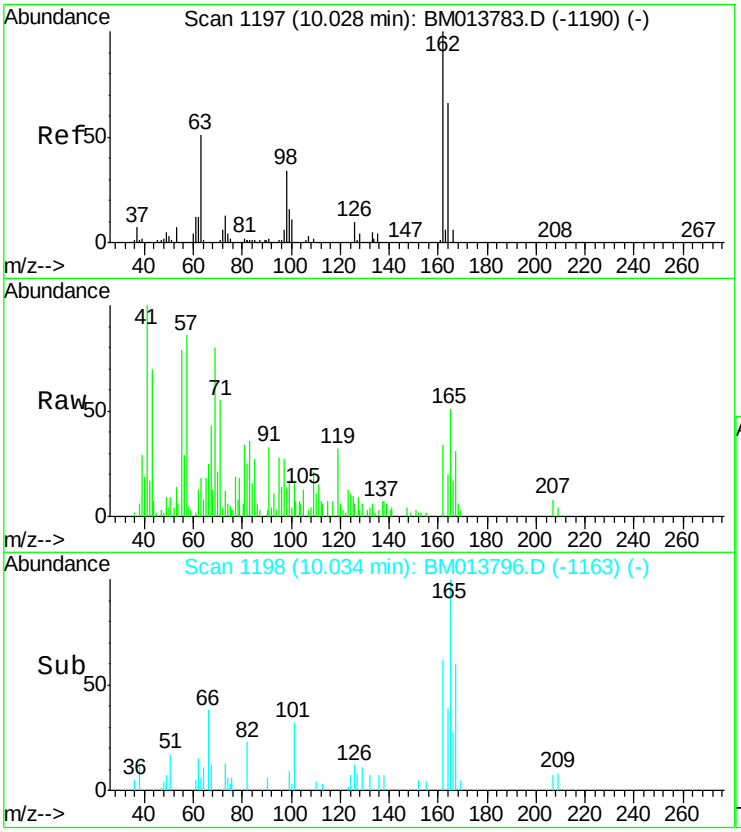




#24
2,4-Dimethylphenol
Concen: 2.746 ng/ul
RT: 9.57 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

Tgt Ion:107 Resp: 30896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 121 | 28.4 | 31.9 | 47.9# |
| 122 | 13.2 | 57.8 | 86.6# |



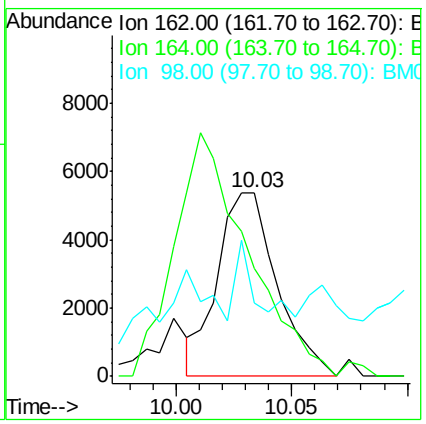


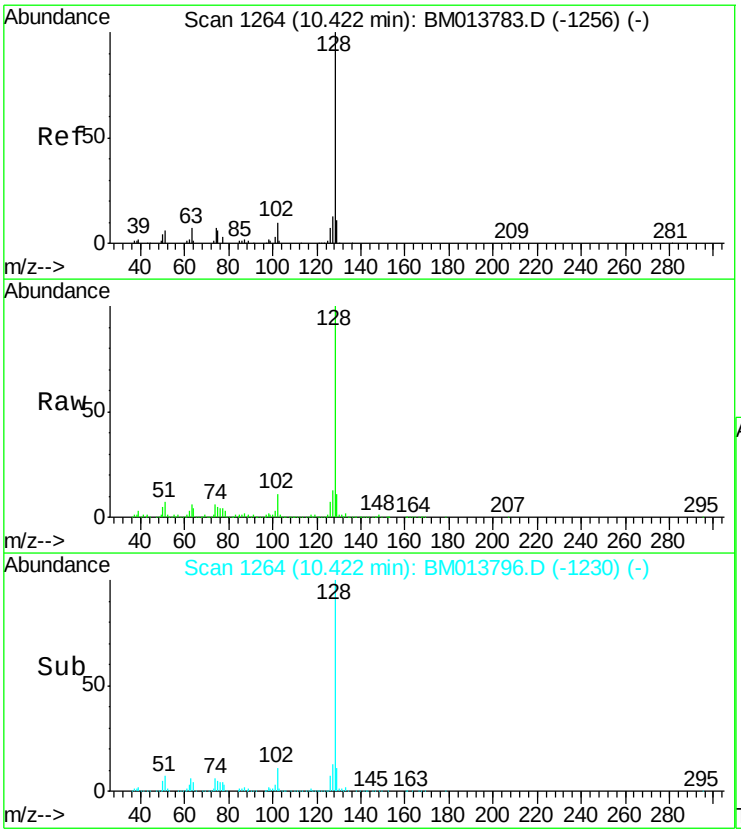

#27
2,4-Dichlorophenol
Concen: 1.014 ng/ul
RT: 10.03 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

**Instrument :**
BNA_M
**ClientSampleId :**
F6A81

Tgt Ion:162 Resp: 9664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 58.9 | 47.8 | 71.6 |
| 98 | 40.0 | 23.0 | 34.4# |

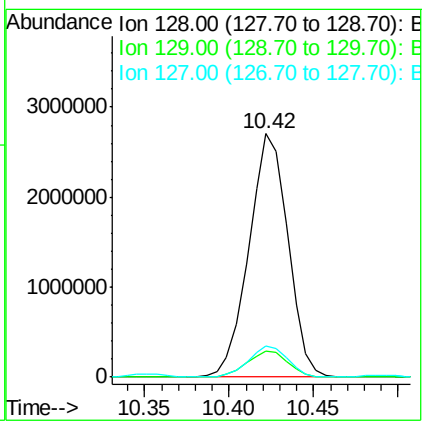


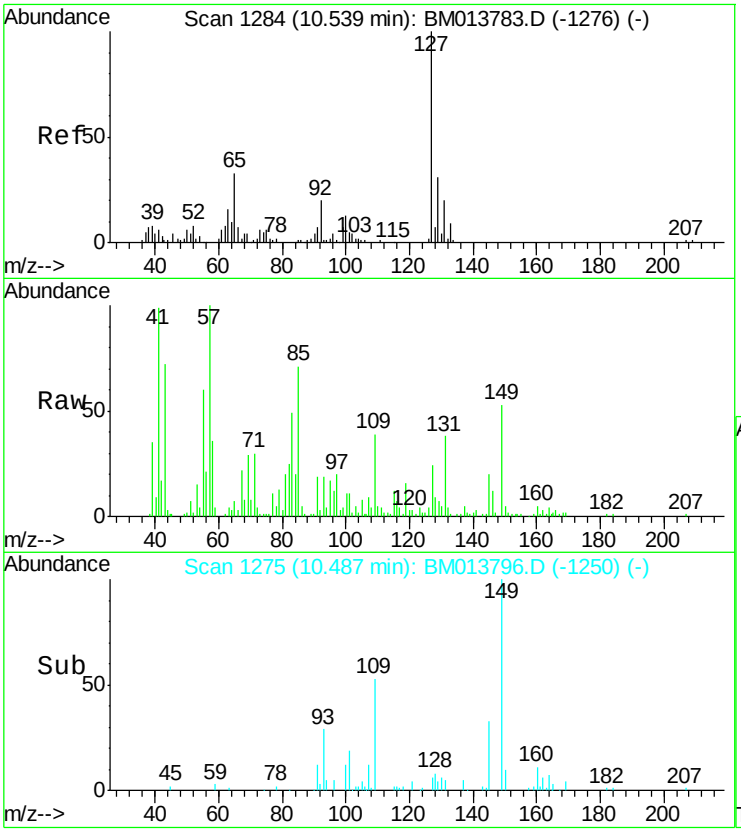




#28
Naphthalene
Concen: 139.803 ng/ul
RT: 10.42 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

Tgt Ion:128 Resp: 4343042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.7 | 8.8 | 13.2 |
| 127 | 12.9 | 10.6 | 16.0 |



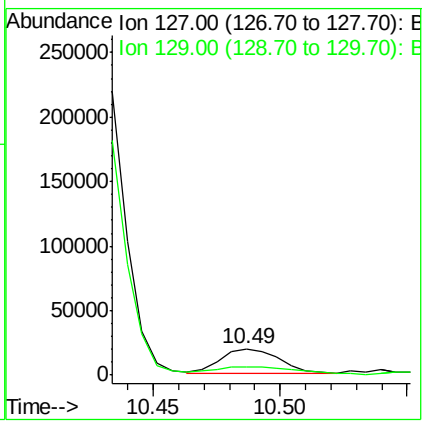


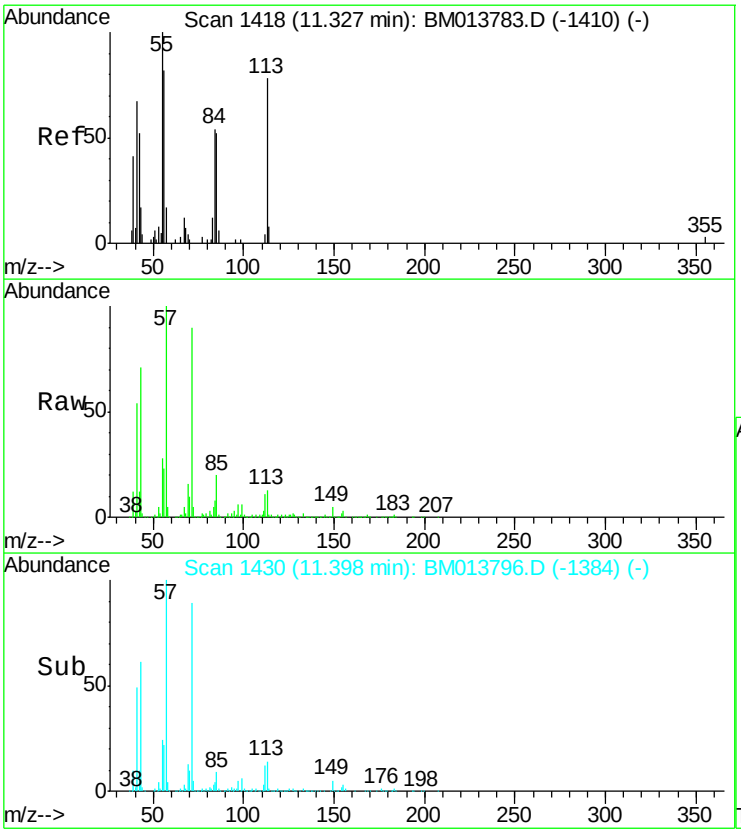

#30
4-Chloroaniline
Concen: 3.475 ng/ul
RT: 10.49 min Scan# 1275
Delta R.T. -0.05 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

**Instrument :**
BNA_M
**ClientSampleId :**
F6A81

Tgt Ion:127 Resp: 29571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 30.4 | 28.4 | 42.6 |

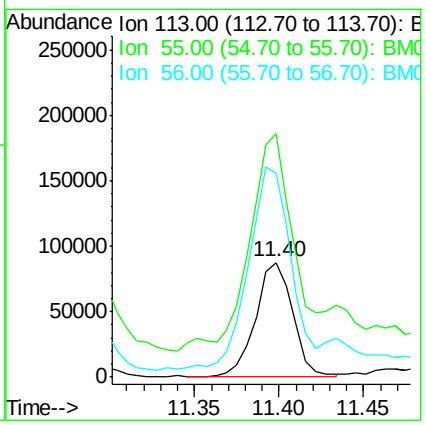


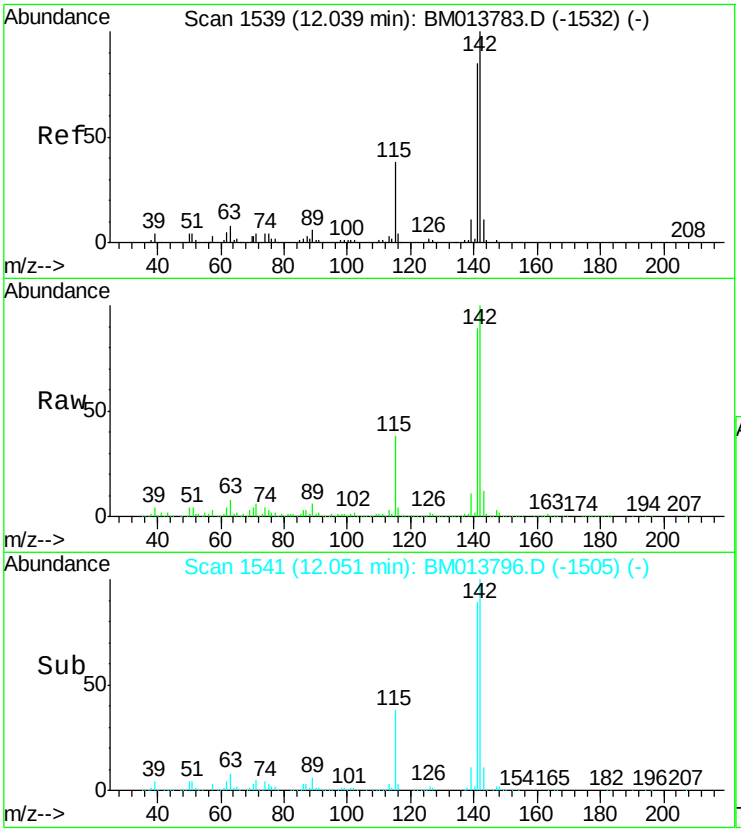




#32
Caprolactam
Concen: 50.118 ng/ul
RT: 11.40 min Scan# 1430
Delta R.T. 0.07 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

Tgt Ion:113 Resp: 132897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 212.5 | 208.0 | 312.0 |
| 56 | 178.5 | 160.0 | 240.0 |



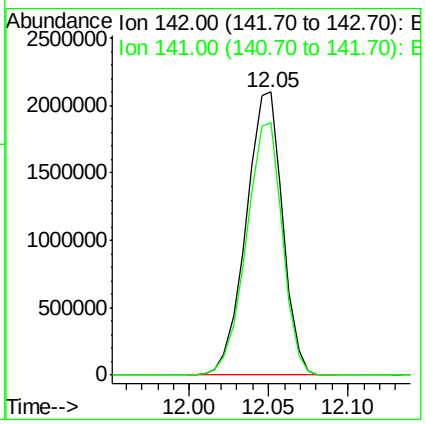


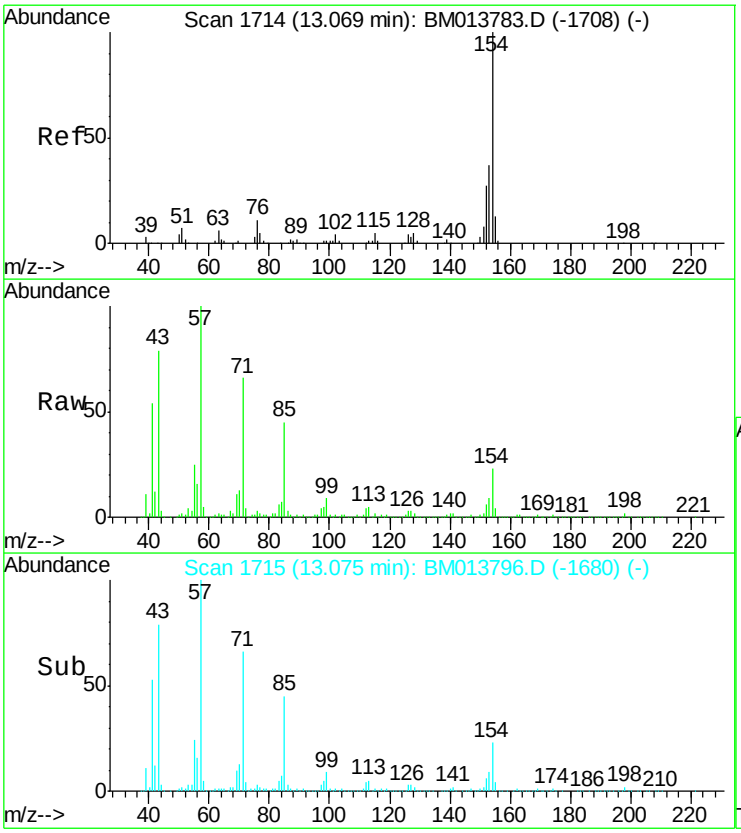

#34
2-Methylnaphthalene
Concen: 145.292 ng/ul
RT: 12.05 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

**Instrument :**
BNA_M
**ClientSampleId :**
F6A81

Tgt Ion:142 Resp: 3365163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.3 | 74.1 | 111.1 |

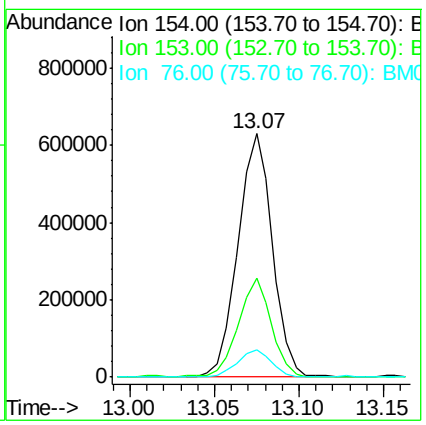


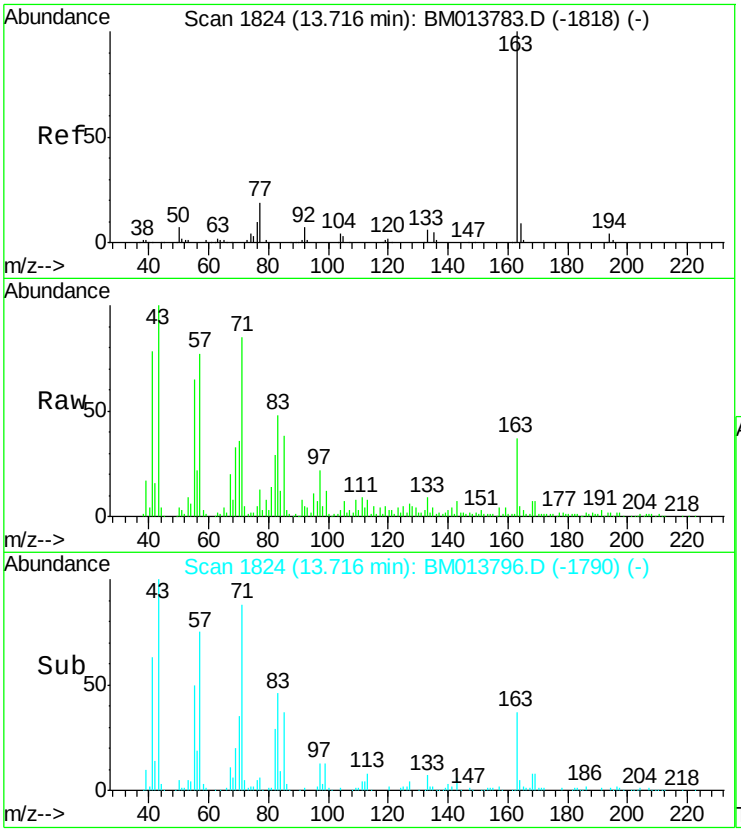




#40
1,1'-Biphenyl
Concen: 19.605 ng/ul
RT: 13.07 min Scan# 1715
Delta R.T. 0.01 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

Tgt Ion:154 Resp: 886603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.8 | 32.6 | 48.8 |
| 76 | 11.3 | 8.5 | 12.7 |



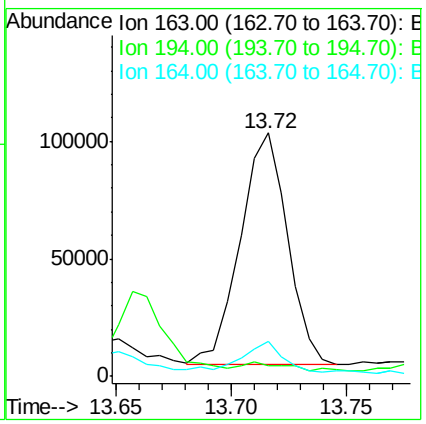


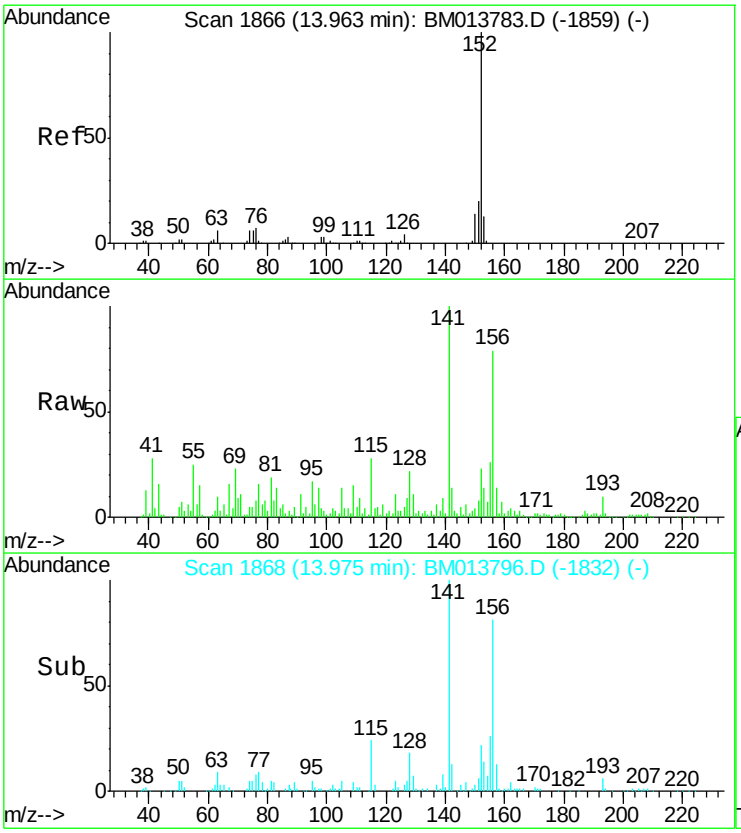

#44
Dimethylphthalate
Concen: 3.184 ng/ul
RT: 13.72 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

**Instrument :**
BNA_M
**ClientSampleId :**
F6A81

Tgt Ion:163 Resp: 140189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.6 | 3.5 | 5.3 |
| 164 | 14.2 | 8.2 | 12.4# |

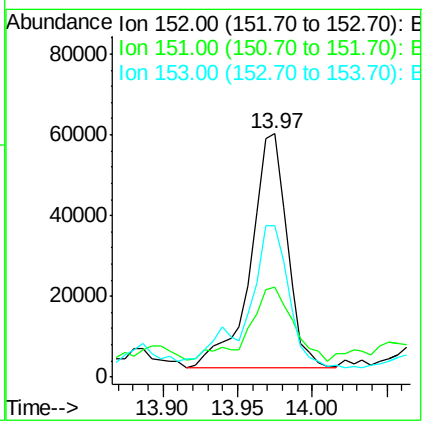


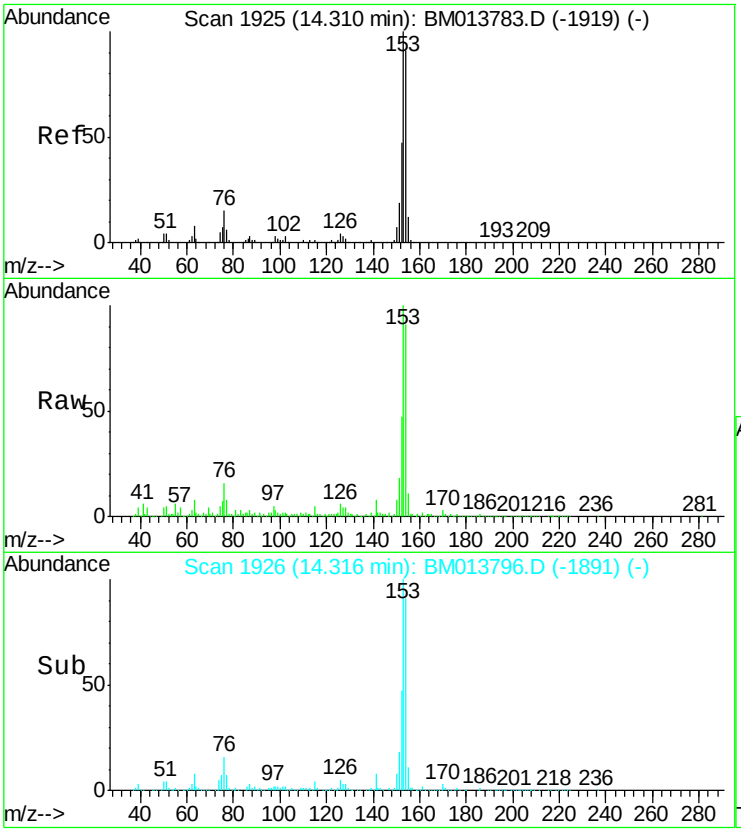




#47
Acenaphthylene
Concen: 1.857 ng/ul
RT: 13.97 min Scan# 1868
Delta R.T. 0.01 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

Tgt Ion:152 Resp: 97002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 36.8 | 16.3 | 24.5# |
| 153 | 62.1 | 10.2 | 15.4# |



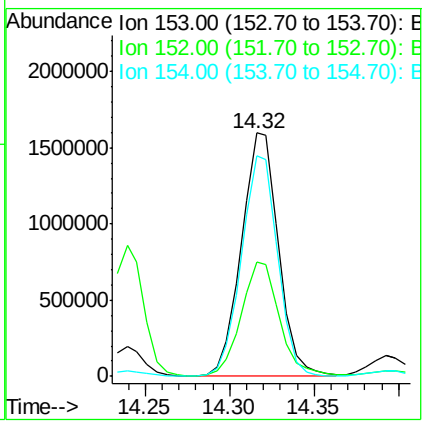


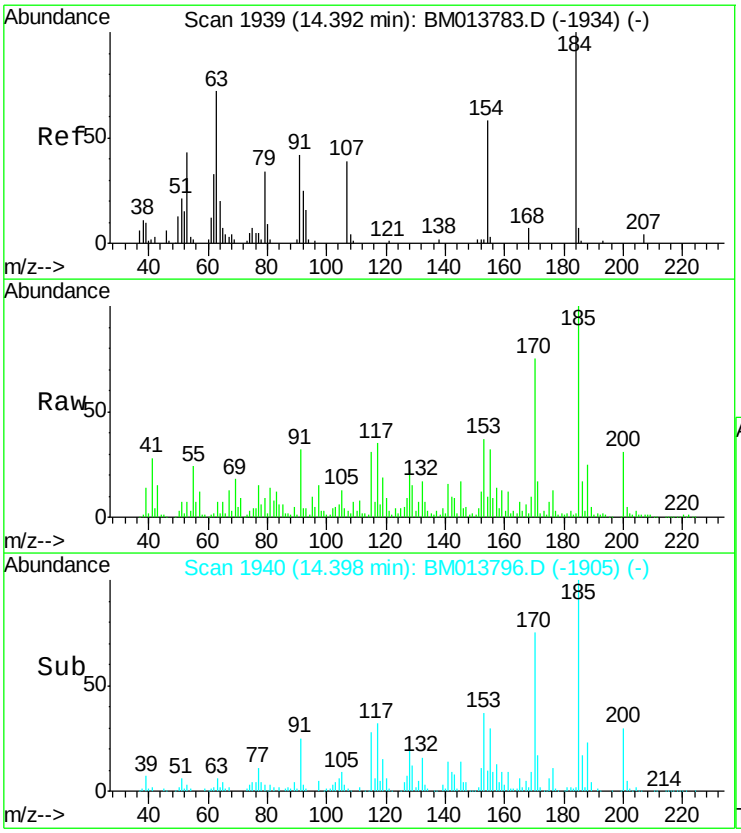

#49
Acenaphthene
Concen: 66.812 ng/ul
RT: 14.32 min Scan# 1926
Delta R.T. 0.01 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

**Instrument :**
BNA_M
**ClientSampleId :**
F6A81

Tgt Ion:153 Resp: 2417403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 46.9 | 37.6 | 56.4 |
| 154 | 90.6 | 70.4 | 105.6 |

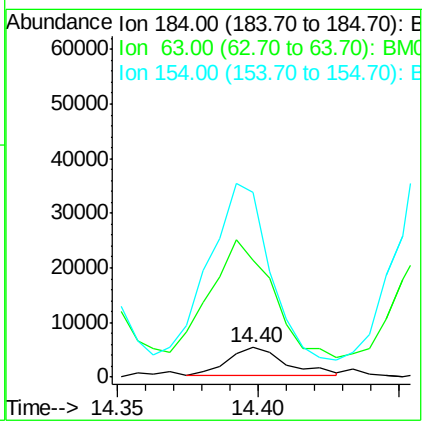


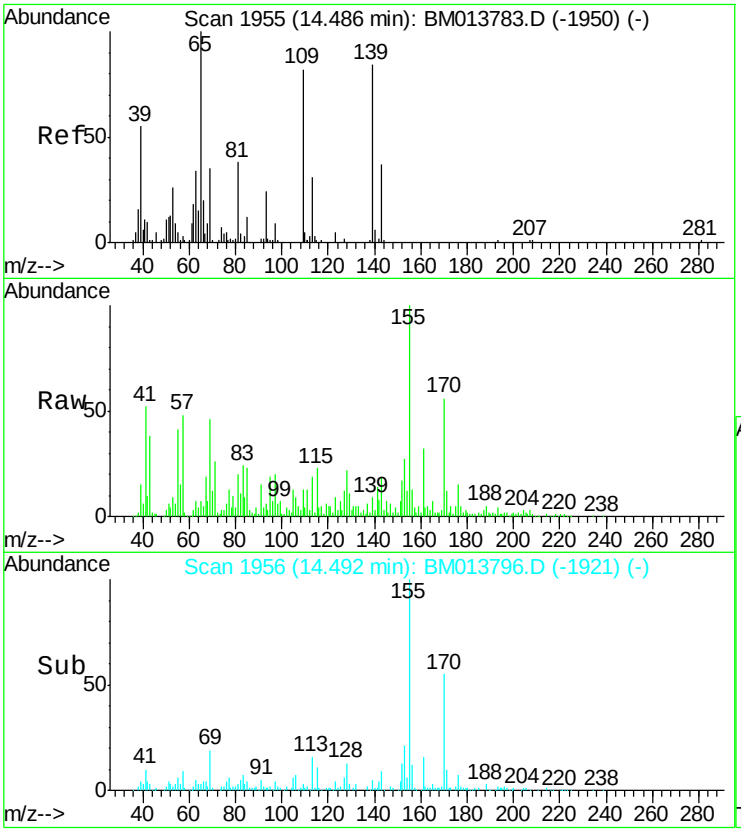




#50
2,4-Dinitrophenol
Concen: 1.475 ng/ul
RT: 14.40 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

Tgt Ion:184 Resp: 7212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 394.2 | 50.1 | 75.1# |
| 154 | 622.2 | 54.5 | 81.7# |



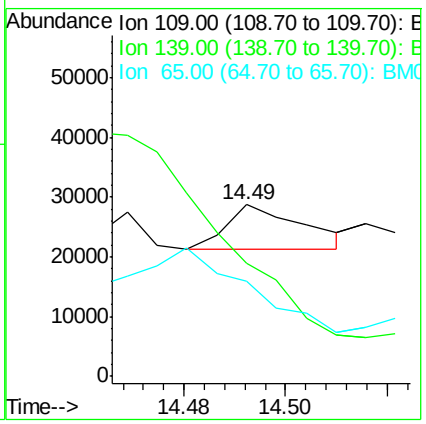


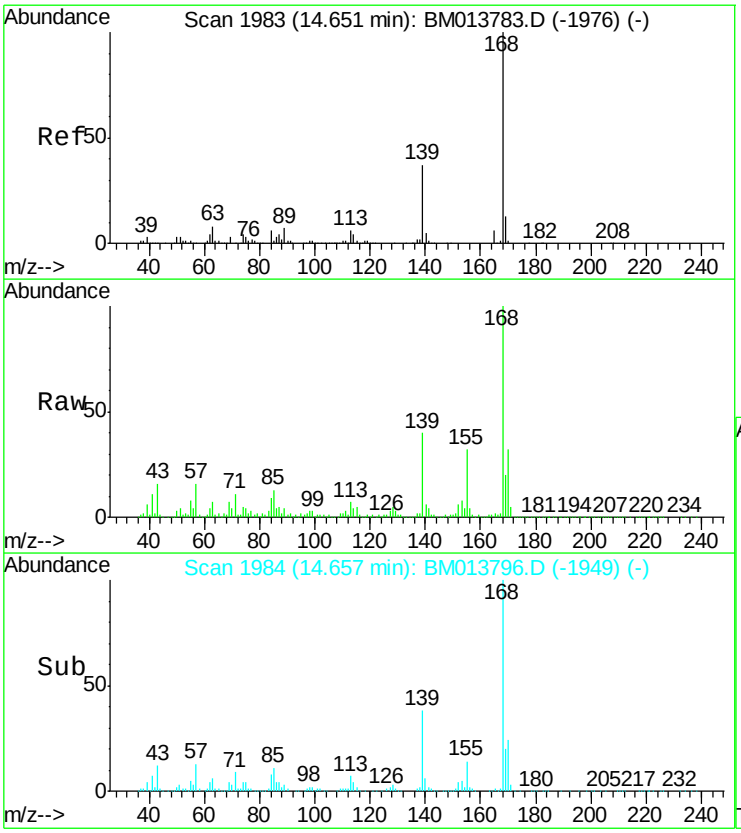

#52
4-Nitrophenol
Concen: 1.051 ng/ul
RT: 14.49 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

**Instrument :**
BNA_M
**ClientSampleId :**
F6A81

Tgt Ion:109 Resp: 7770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 109 | 100 | | |
| 139 | 65.9 | 80.0 | 120.0# |
| 65 | 55.4 | 120.0 | 180.0# |

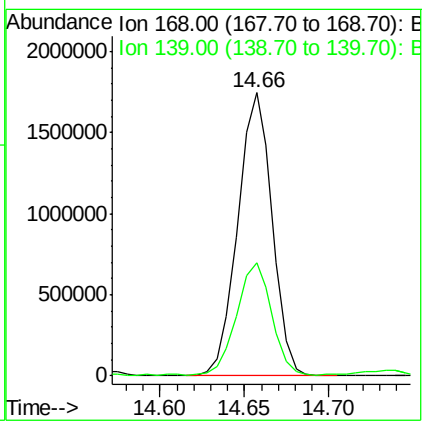


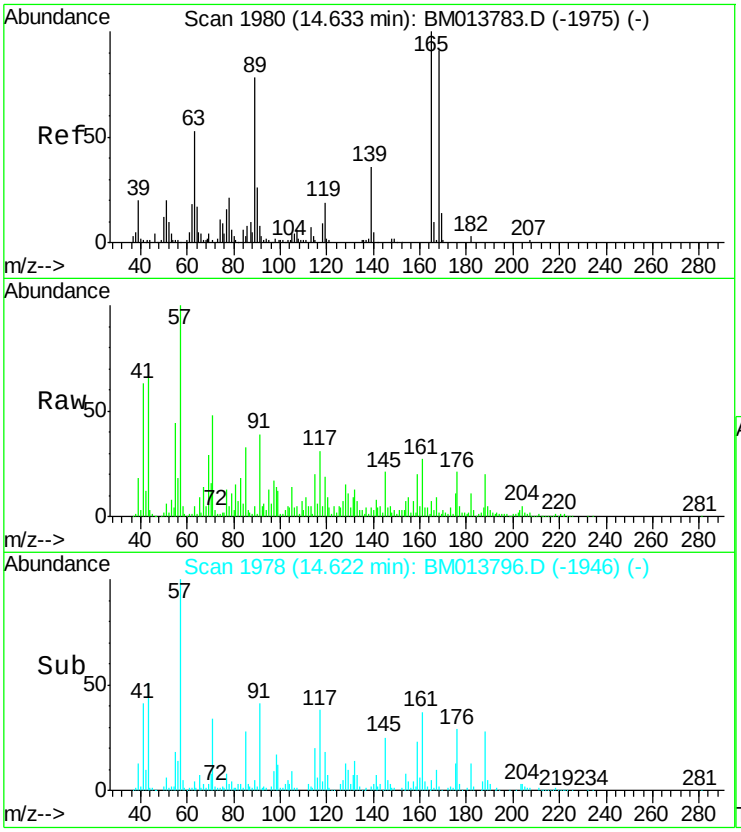




#53
Dibenzofuran
Concen: 45.291 ng/ul
RT: 14.66 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

Tgt Ion:168 Resp: 2465246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.8 | 30.8 | 46.2 |



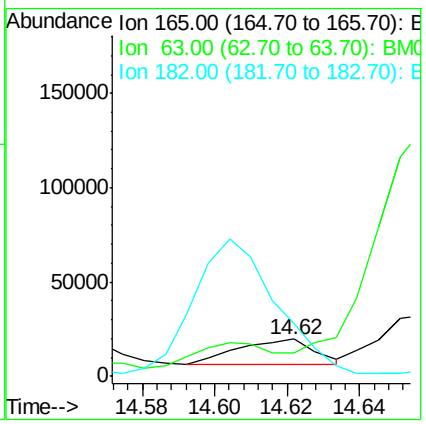


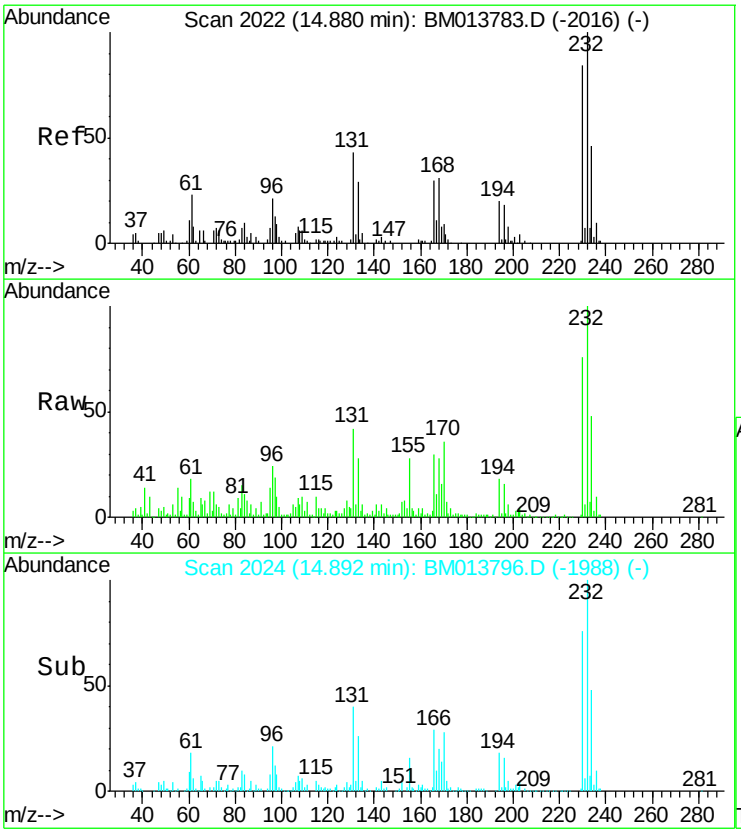

#54
2,4-Dinitrotoluene
Concen: 1.515 ng/ul
RT: 14.62 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

**Instrument :**
BNA_M
**ClientSampleId :**
F6A81

Tgt Ion:165 Resp: 18841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 63.2 | 45.8 | 68.8 |
| 182 | 144.4 | 2.6 | 4.0# |

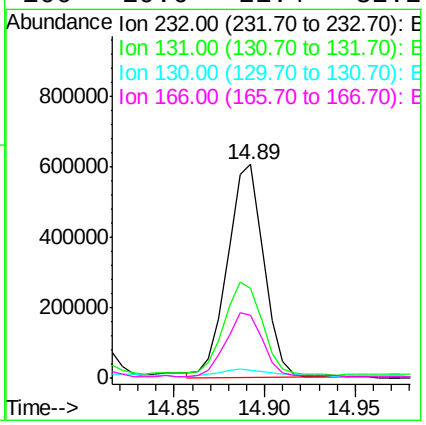


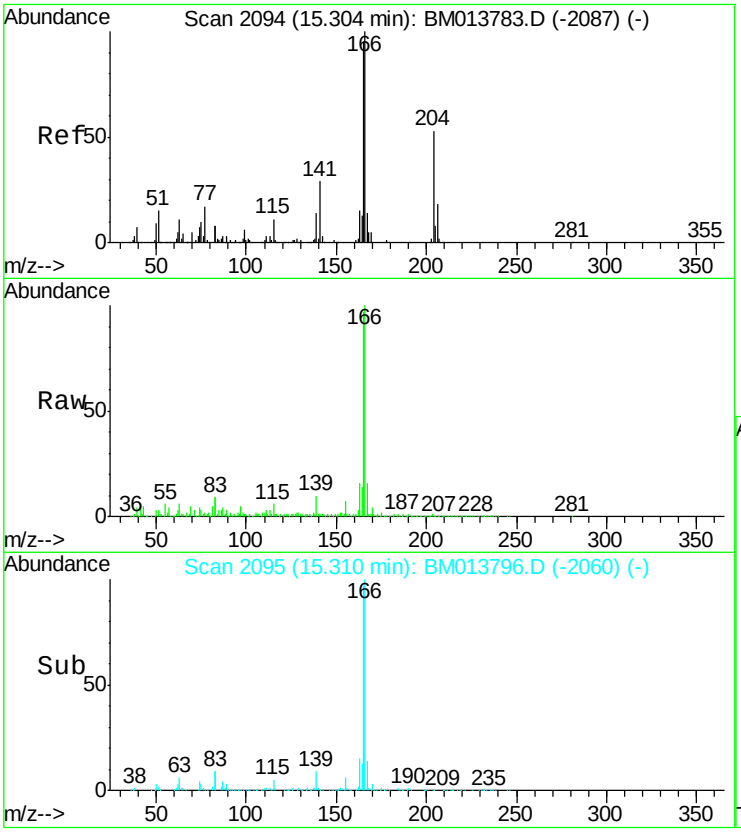




#55
2,3,4,6-Tetrachlorophenol
Concen: 73.907 ng/ul
RT: 14.89 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

Tgt Ion:232 Resp: 842866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 41.8 | 29.0 | 43.4 |
| 130 | 3.7 | 2.0 | 3.0# |
| 166 | 29.6 | 21.4 | 32.2 |



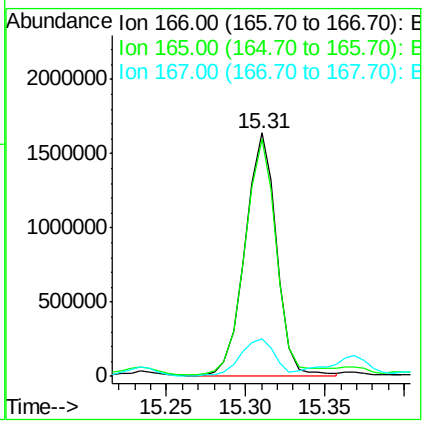


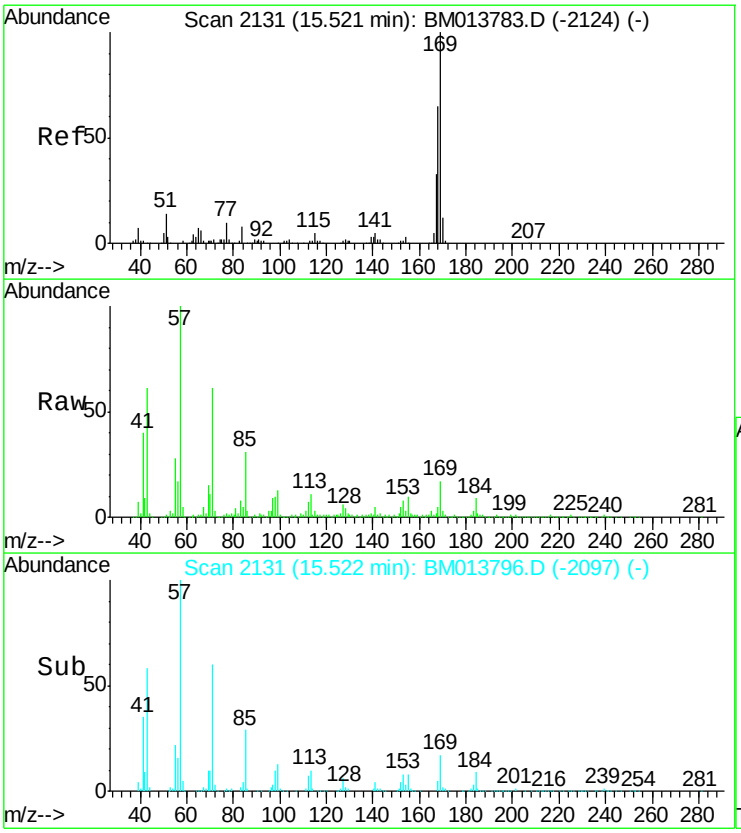

#58
Fluorene
Concen: 50.144 ng/ul
RT: 15.31 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

**Instrument :**
BNA_M
**ClientSampleId :**
F6A81

Tgt Ion:166 Resp: 2235806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.2 | 77.9 | 116.9 |
| 167 | 15.7 | 10.6 | 16.0 |

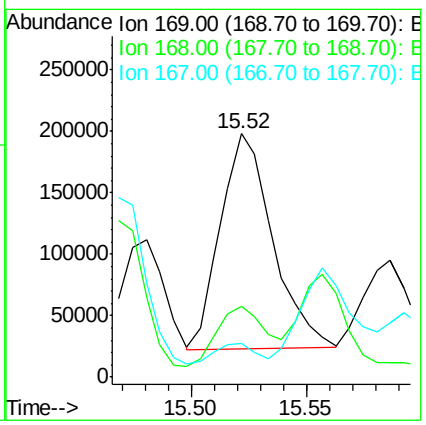


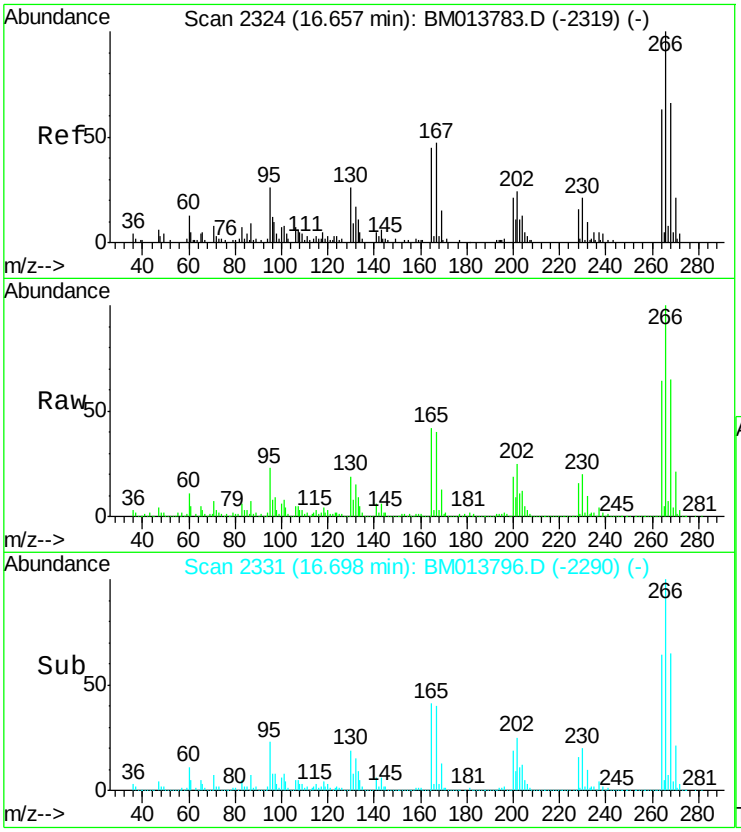




#64
N-Nitrosodiphenylamine
Concen: 12.635 ng/ul
RT: 15.52 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

Tgt Ion:169 Resp: 274937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 29.1 | 54.0 | 81.0# |
| 167 | 13.8 | 29.1 | 43.7# |



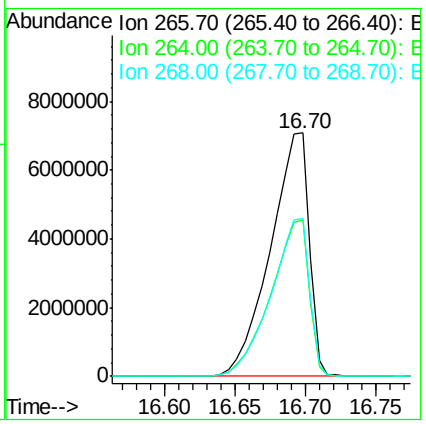


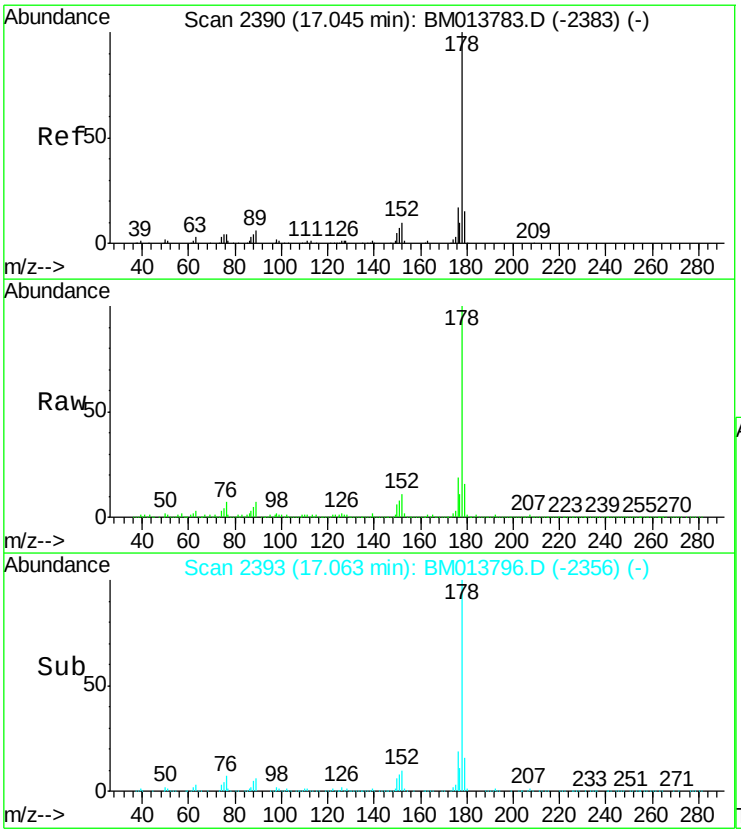

#68
Pentachlorophenol
Concen: 2722.331 ng/ul
RT: 16.70 min Scan# 2331
Delta R.T. 0.04 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

**Instrument :**
BNA_M
**ClientSampleId :**
F6A81

Tgt Ion:266 Resp:13607536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 64.1 | 49.3 | 73.9 |
| 268 | 64.9 | 52.6 | 78.8 |

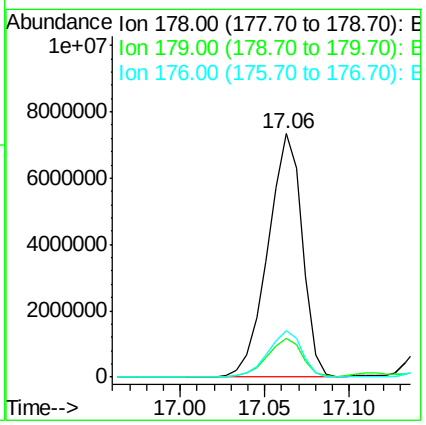


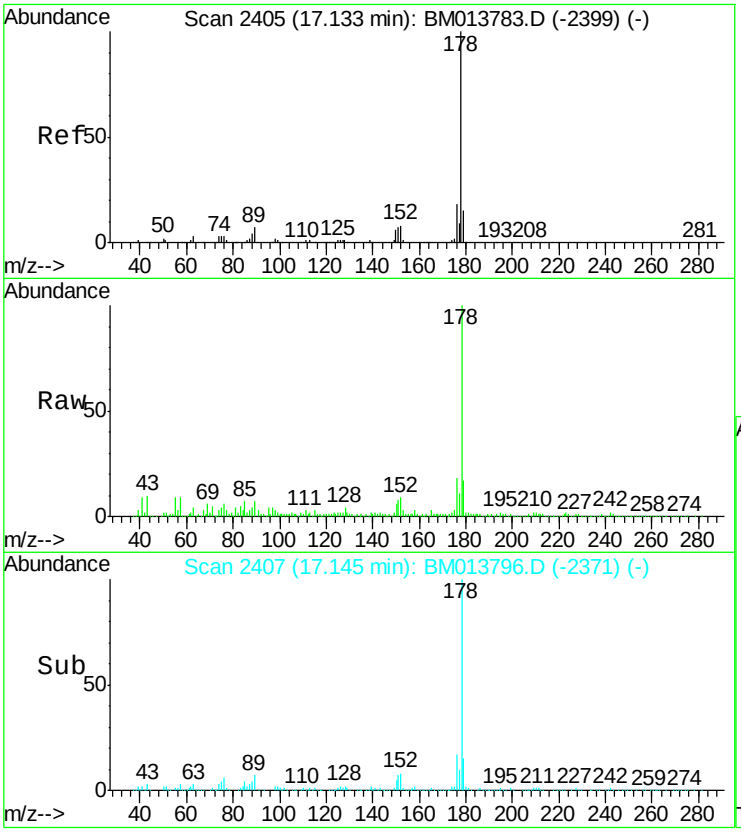




#69
Phenanthrene
Concen: 251.288 ng/ul
RT: 17.06 min Scan# 2393
Delta R.T. 0.02 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

Tgt Ion:178 Resp:10334597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.0 | 12.6 | 19.0 |
| 176 | 19.0 | 14.9 | 22.3 |



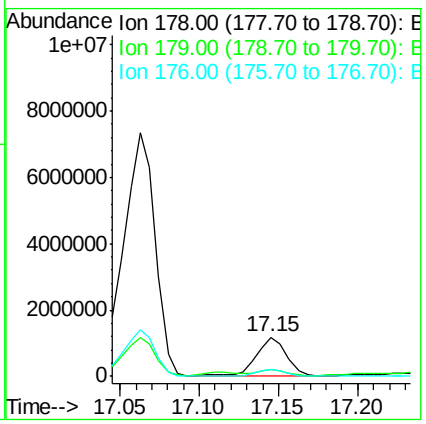


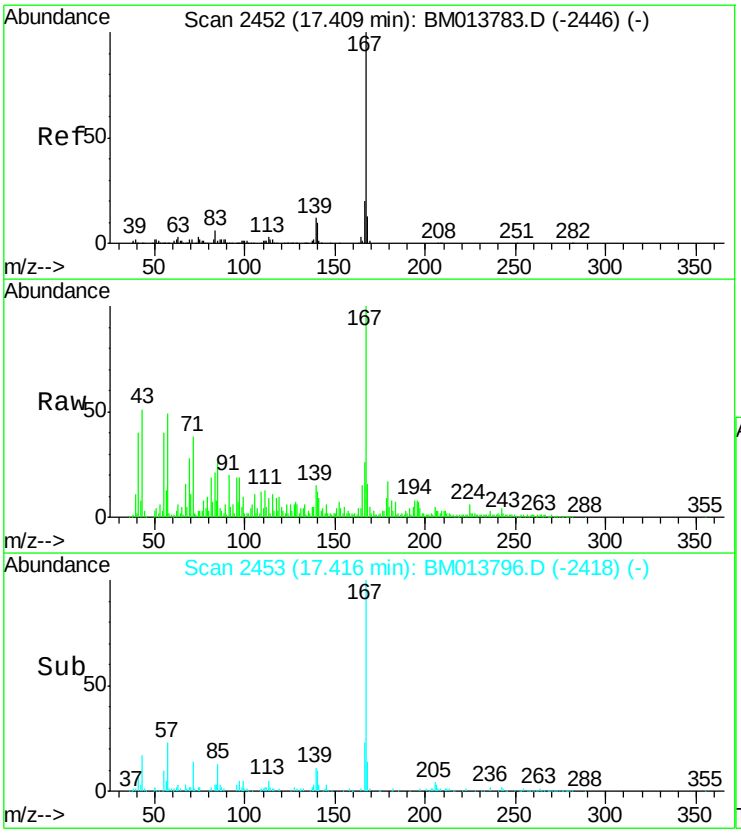

#71
Anthracene
Concen: 36.493 ng/ul
RT: 17.15 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

**Instrument :**
BNA_M
**ClientSampleId :**
F6A81

Tgt Ion:178 Resp: 1548017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.5 | 11.7 | 17.5 |
| 176 | 17.5 | 14.6 | 21.8 |

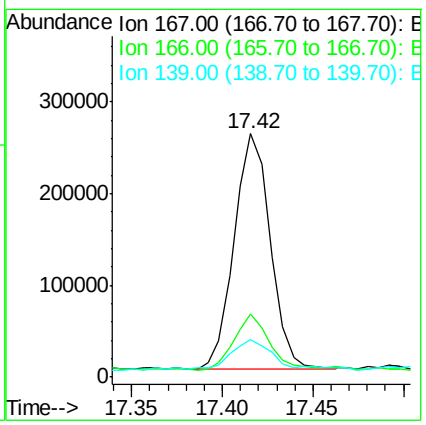


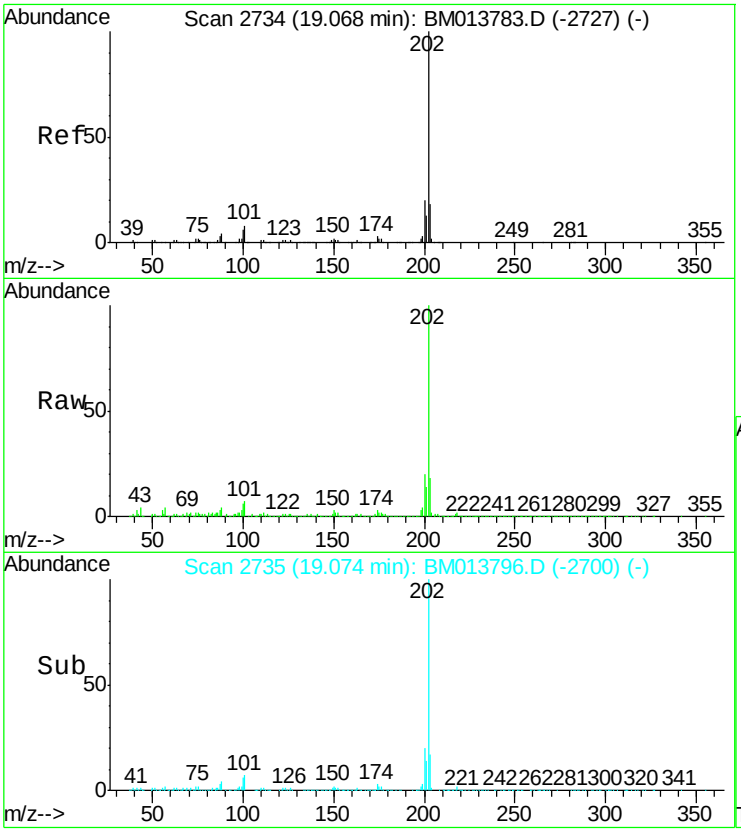




#72
Carbazole
Concen: 10.162 ng/ul
RT: 17.42 min Scan# 2453
Delta R.T. 0.01 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

Tgt Ion:167 Resp: 355847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 26.1 | 17.1 | 25.7# |
| 139 | 15.3 | 10.0 | 15.0# |



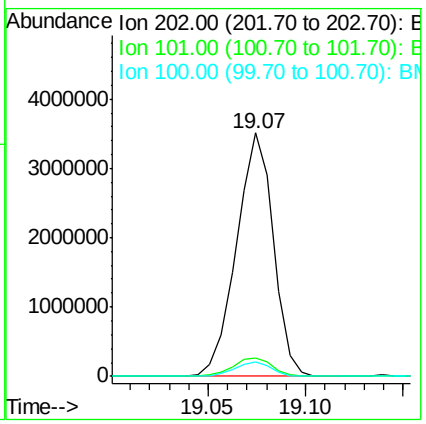


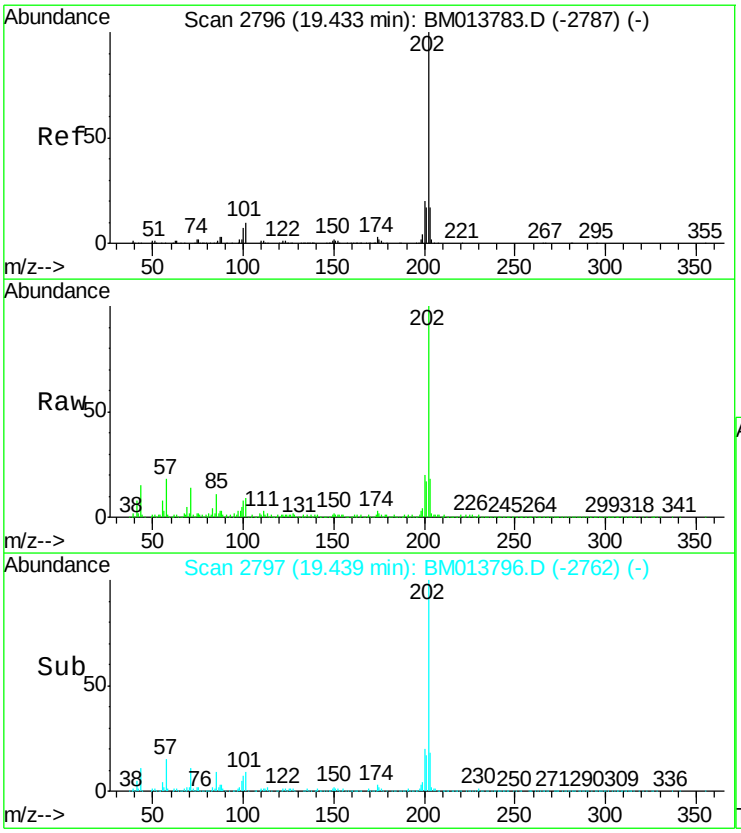

#74
Fluoranthene
Concen: 92.881 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. 0.01 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

**Instrument :**
BNA_M
**ClientSampleId :**
F6A81

Tgt Ion:202 Resp: 4559699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.4 | 4.6 | 7.0# |
| 100 | 6.2 | 3.4 | 5.2# |

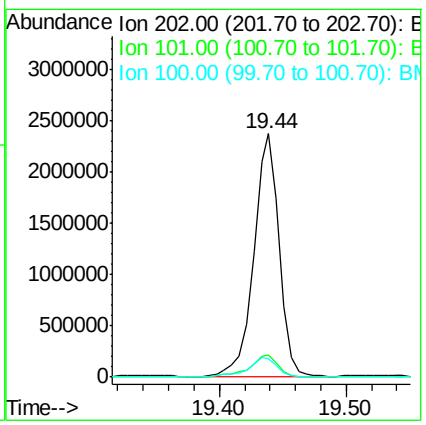


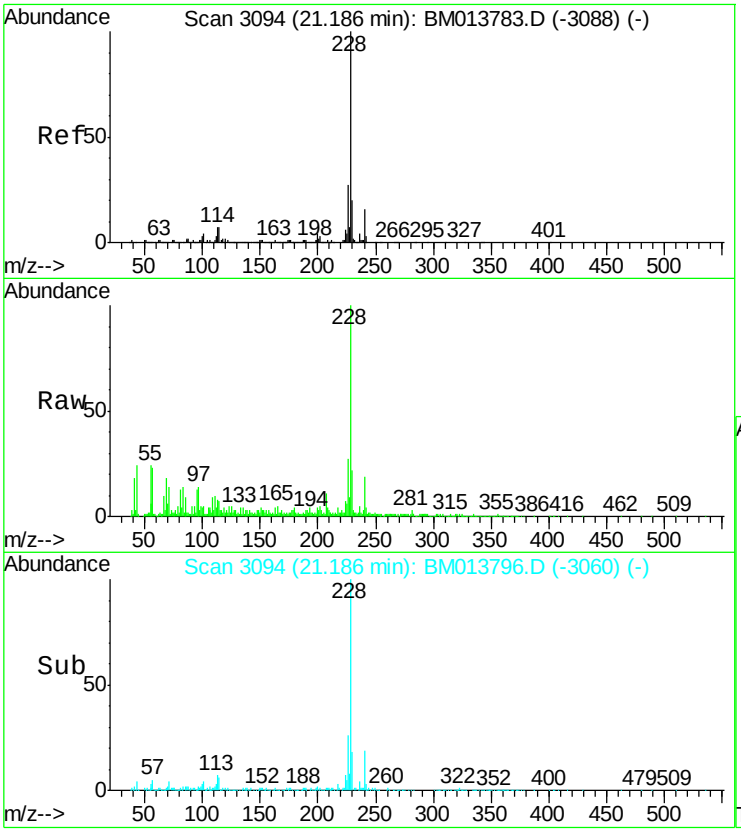




#77
Pyrene
Concen: 70.450 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. 0.01 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

Tgt Ion:202 Resp: 3284246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.2 | 5.1 | 7.7# |
| 100 | 7.5 | 4.9 | 7.3# |



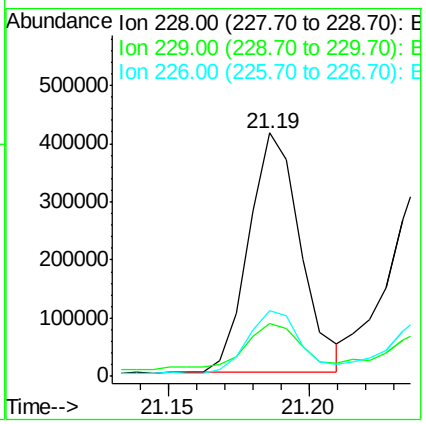


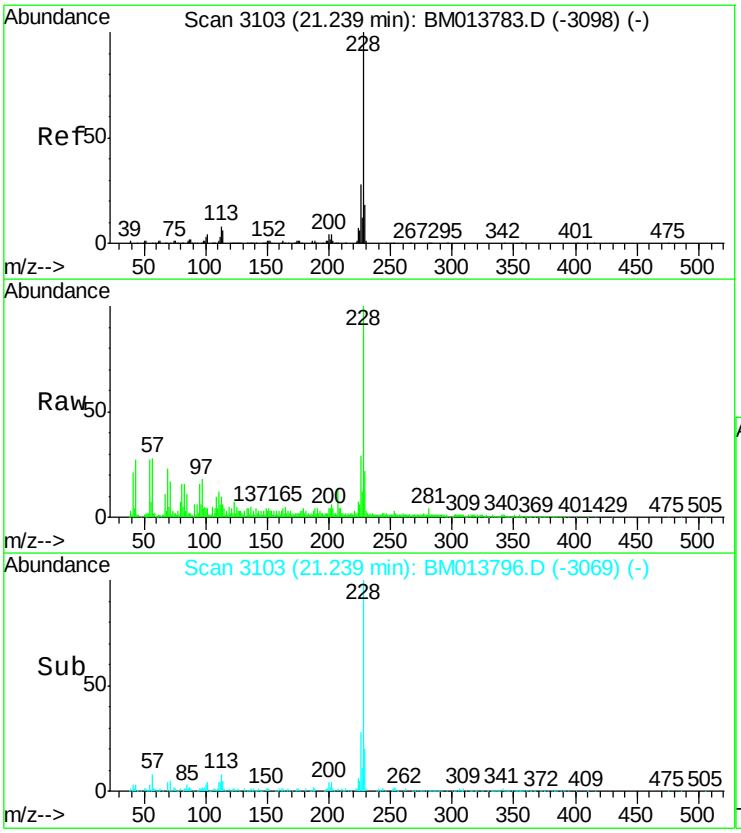

#80
Benzo(a)anthracene
Concen: 11.344 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

**Instrument :**
BNA_M
**ClientSampleId :**
F6A81

Tgt Ion:228 Resp: 525628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 21.8 | 15.4 | 23.0 |
| 226 | 26.8 | 21.4 | 32.0 |

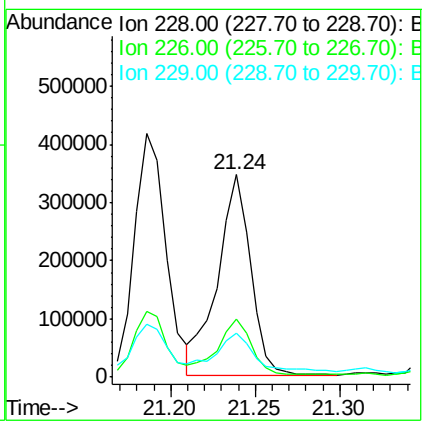


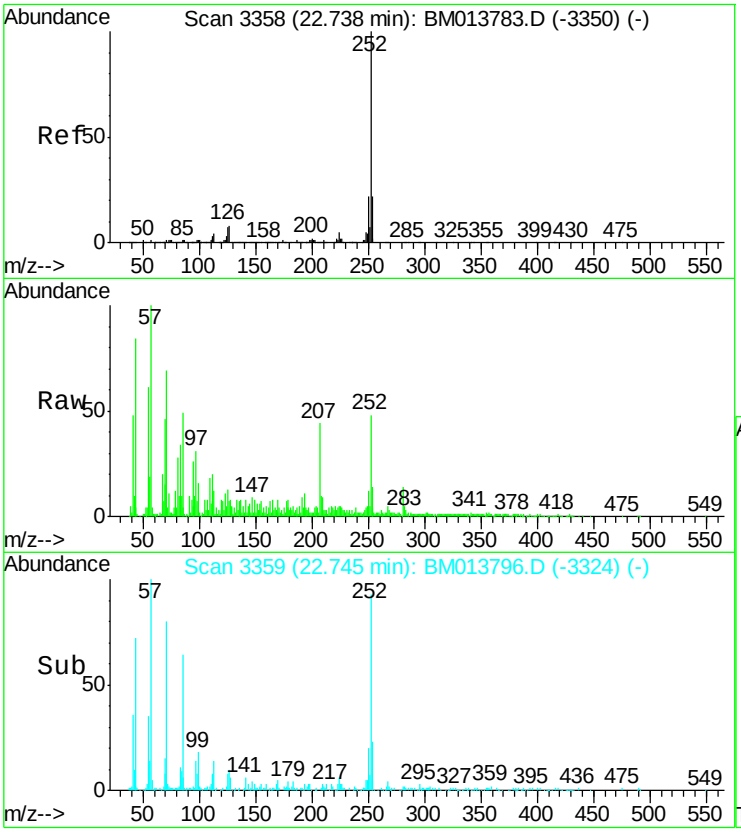




#82
Chrysene
Concen: 10.997 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

Tgt Ion:228 Resp: 467476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.9 | 23.4 | 35.2 |
| 229 | 22.0 | 15.5 | 23.3 |



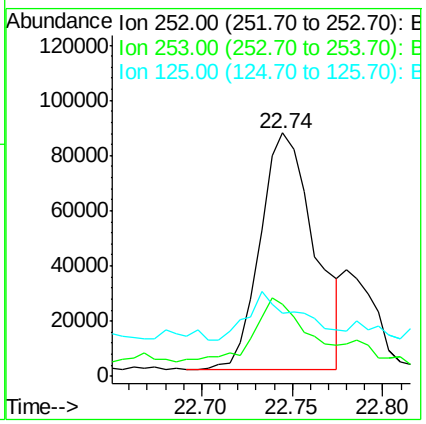


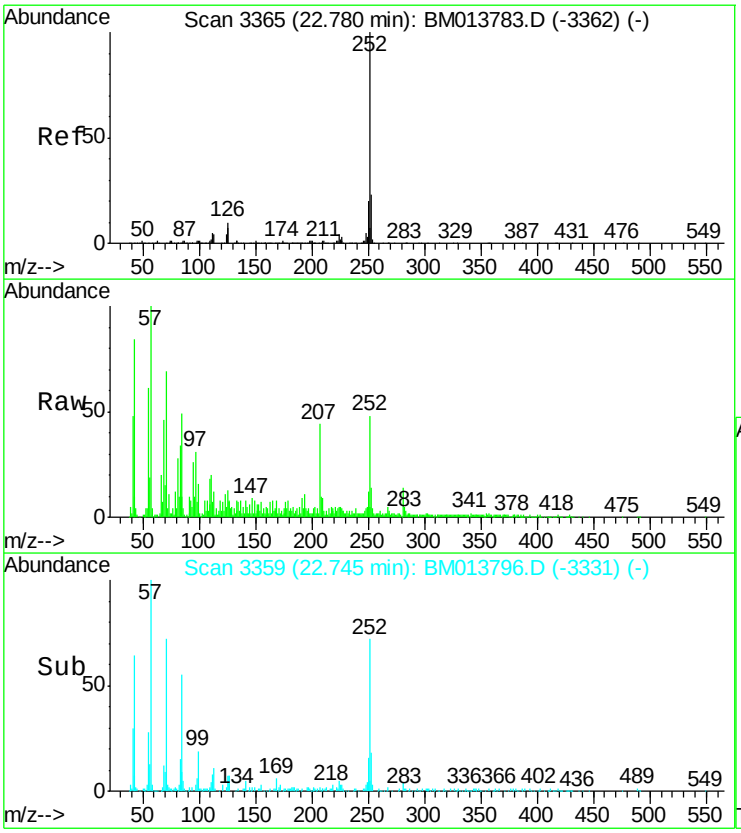

#85
Benzo(b)fluoranthene
Concen: 3.804 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

**Instrument :**
BNA_M
**ClientSampleId :**
F6A81

Tgt Ion:252 Resp: 179662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 29.6 | 17.9 | 26.9# |
| 125 | 26.2 | 3.6 | 5.4# |

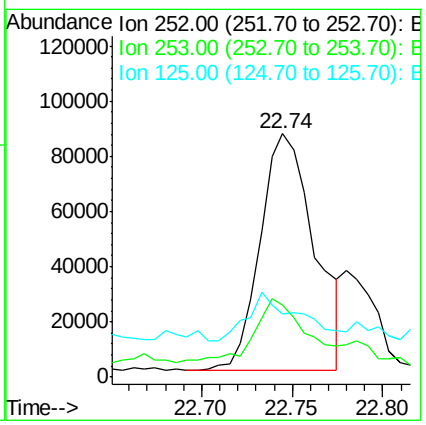


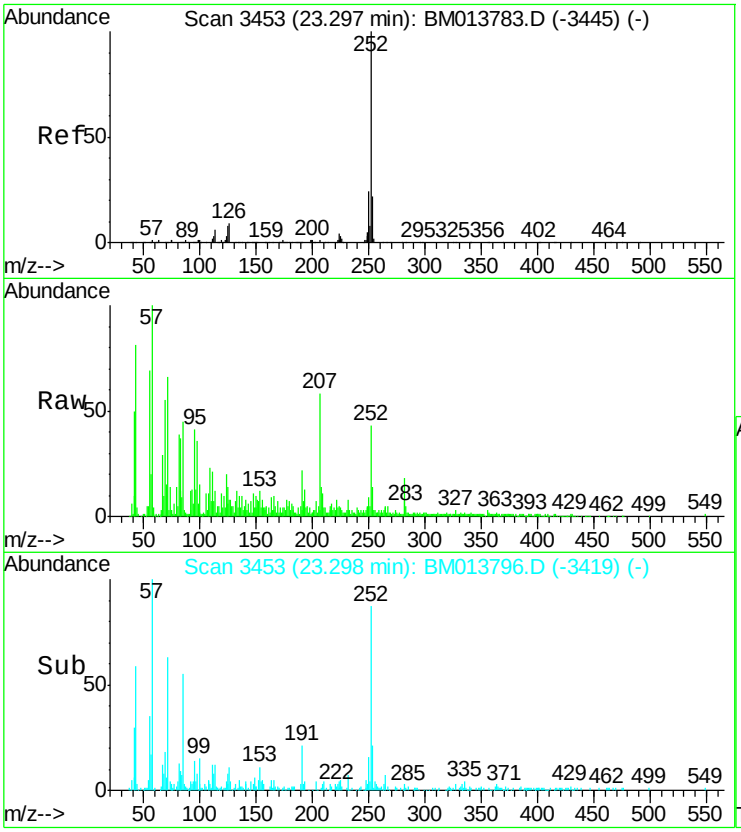




#86
Benzo(k)fluoranthene
Concen: 3.936 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. -0.03 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

Tgt Ion:252 Resp: 179662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 29.6 | 17.1 | 25.7# |
| 125 | 26.2 | 3.4 | 5.2# |






#88
Benzo(a)pyrene
Concen: 2.136 ng/ul
RT: 23.30 min Scan# 3453
Delta R.T. 0.00 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

**Instrument :**
BNA_M
**ClientSampleId :**
F6A81

Tgt Ion:252 Resp: 95274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 32.5 | 18.2 | 27.2# |
| 125 | 32.2 | 4.0 | 6.0# |