Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
Data File : BG031195.D
Acq On : 22 Nov 2017 18:41
Operator : SJ/JU
Sample : I6525-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** MW-20

Quant Time: Nov 22 23:53:35 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.13 | 152 | 51573 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.95 | 136 | 234408 | 20.00 | ng | -0.01 |
| 38) Acenaphthene-d10 | 14.76 | 164 | 160021 | 20.00 | ng | -0.02 |
| 63) Phenanthrene-d10 | 17.49 | 188 | 413408 | 20.00 | ng | -0.02 |
| 75) Chrysene-d12 | 21.77 | 240 | 501259 | 20.00 | ng | -0.02 |
| 86) Perylene-d12 | 25.06 | 264 | 485128 | 20.00 | ng | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.70 | 112 | 188349 | 62.62 | ng | -0.01 |
| 7) Phenol-d6 | 7.30 | 99 | 151046 | 37.28 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.30 | 82 | 350330 | 88.56 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 16.24 | 330 | 291975 | 112.79 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 13.38 | 172 | 1070795 | 96.15 | ng | -0.02 |
| 78) Terphenyl-d14 | 20.09 | 244 | 1908834 | 84.09 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |

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

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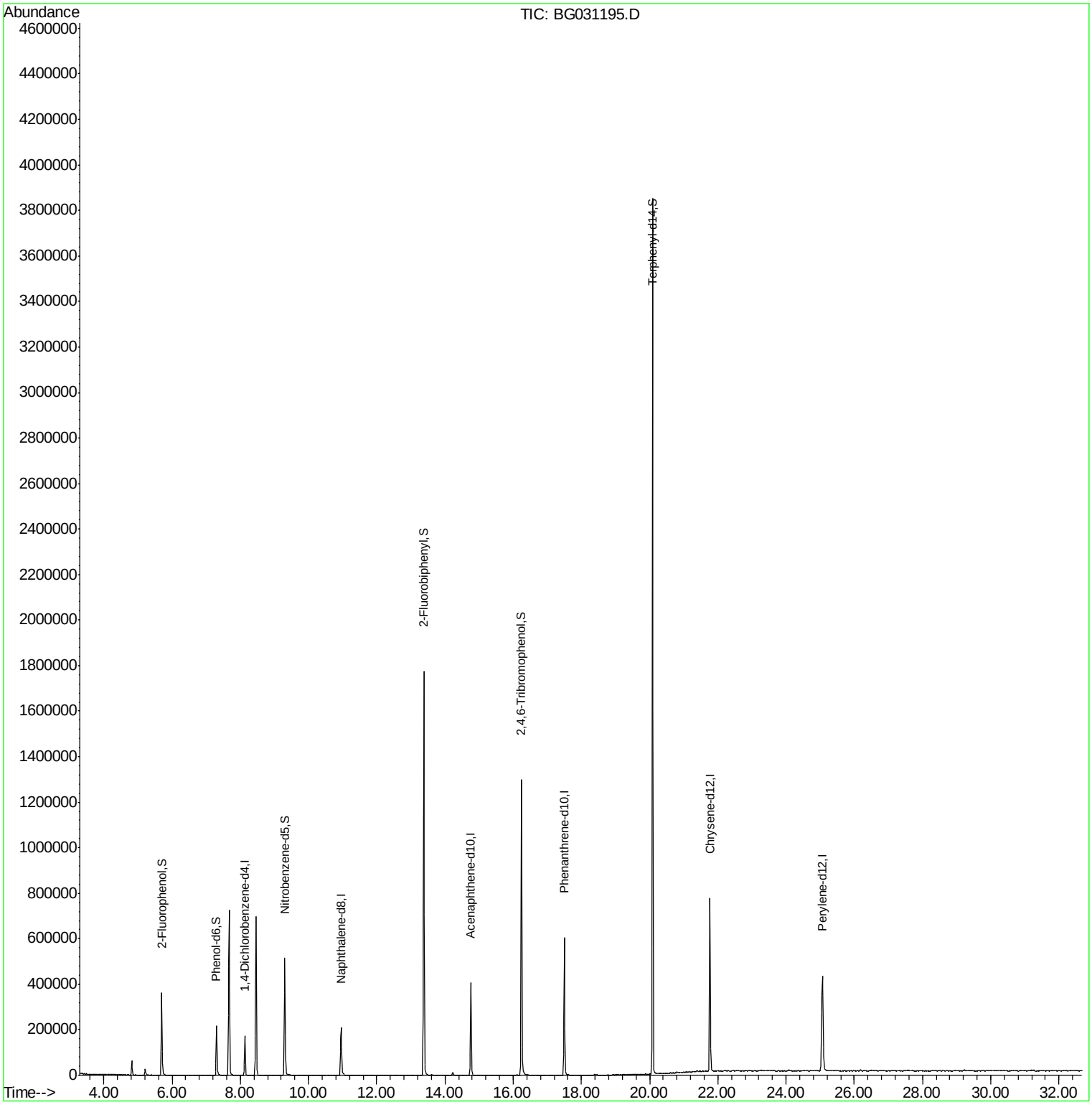
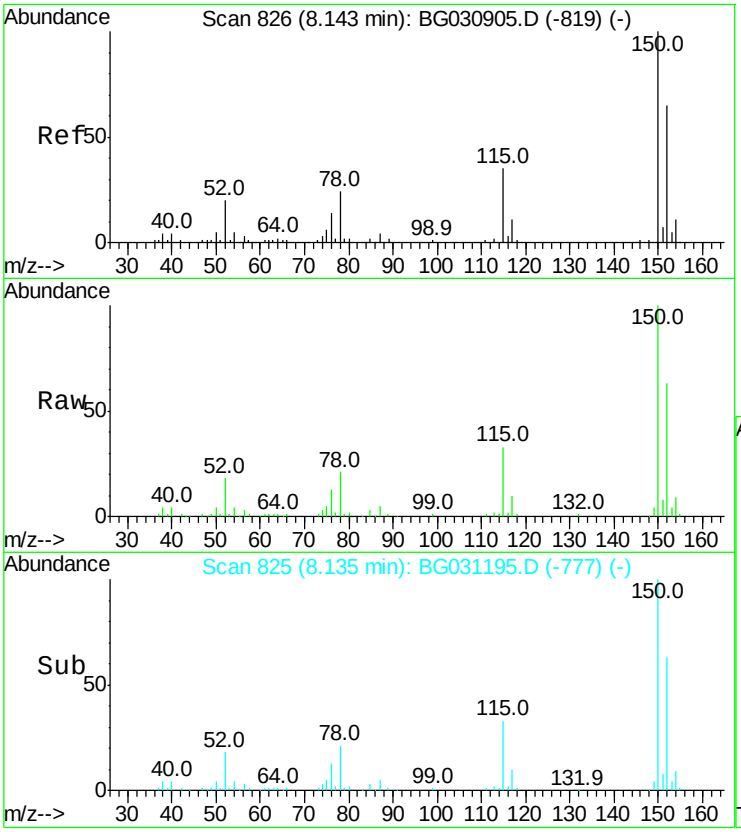


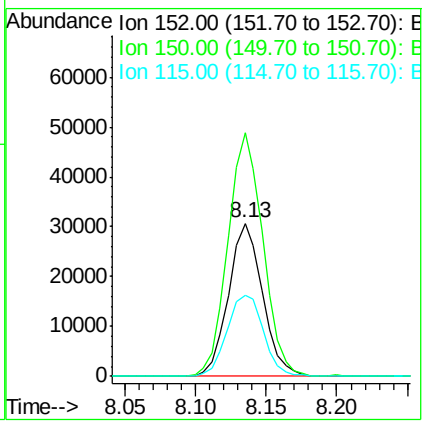


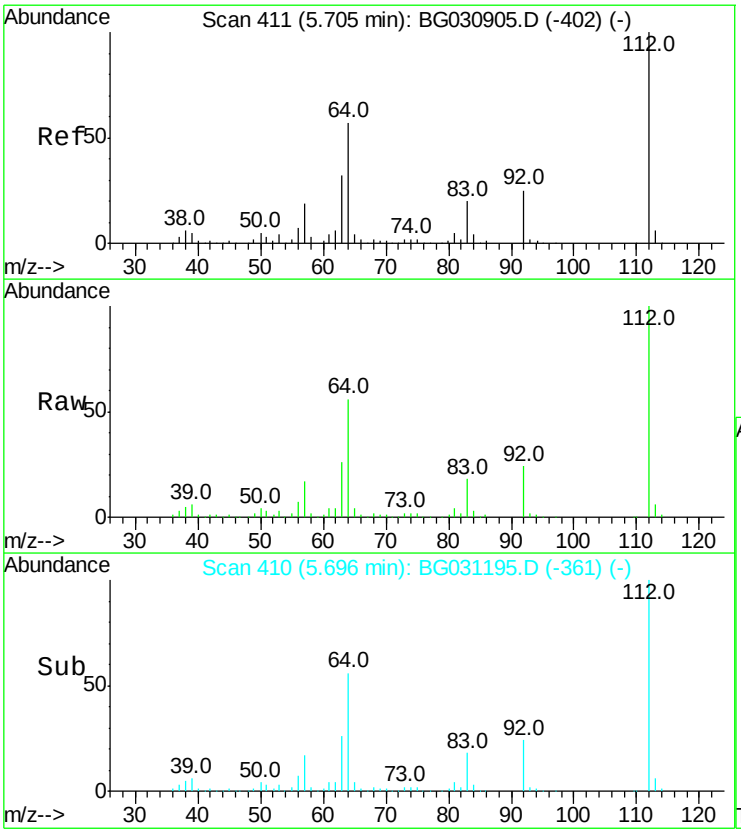

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031195.D
Acq: 22 Nov 2017 18:41

**Instrument :**
BNA_G
**ClientSampleId :**
MW-20

Tgt Ion:152 Resp: 51573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.1 | 126.6 | 189.8 |
| 115 | 53.2 | 53.0 | 79.4 |

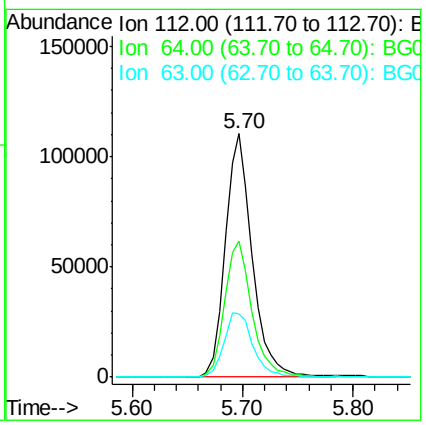


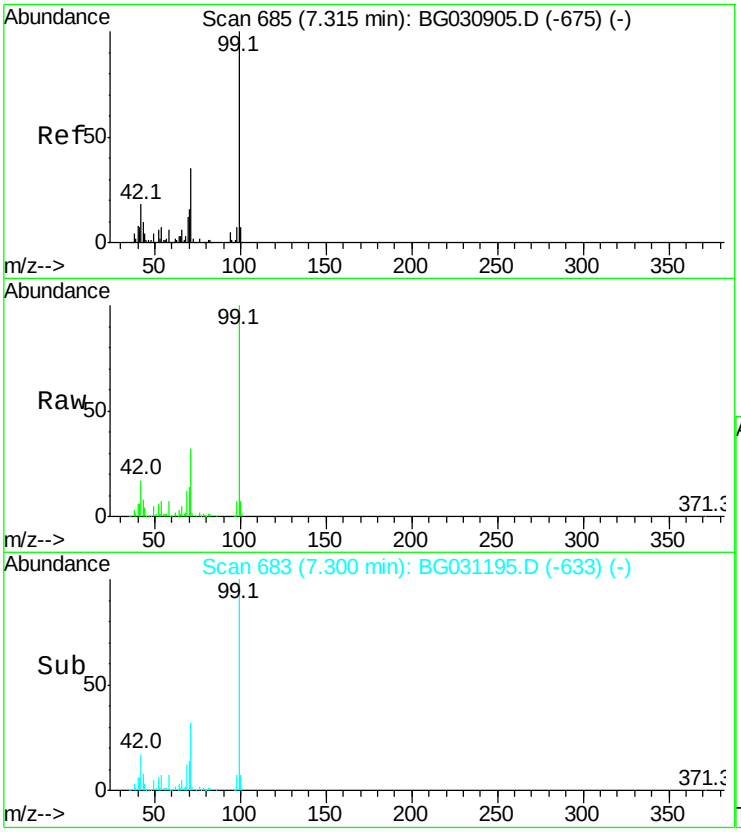




#5
2-Fluorophenol
Concen: 62.624 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031195.D
Acq: 22 Nov 2017 18:41

Tgt Ion:112 Resp: 188349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.7 | 56.3 | 84.5# |
| 63 | 26.2 | 30.1 | 45.1# |



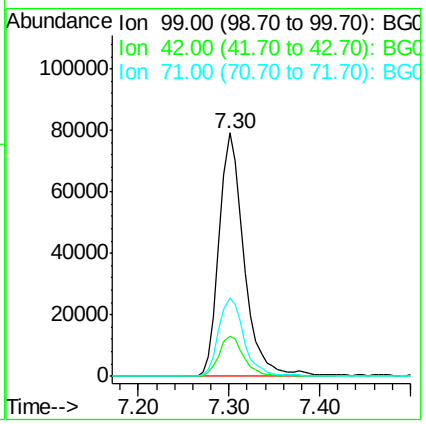


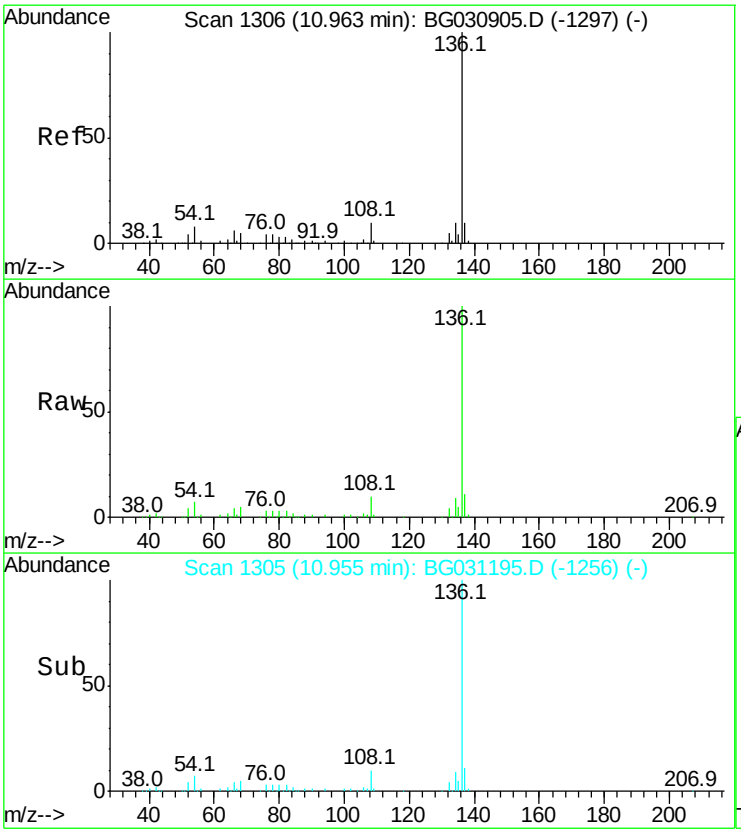

#7
Phenol-d6
Concen: 37.278 ng
RT: 7.30 min Scan# 683
Delta R.T. -0.01 min
Lab File: BG031195.D
Acq: 22 Nov 2017 18:41

**Instrument :**
BNA_G
**ClientSampleId :**
MW-20

Tgt Ion: 99 Resp: 151046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.7 | 14.1 | 21.1 |
| 71 | 32.3 | 26.1 | 39.1 |

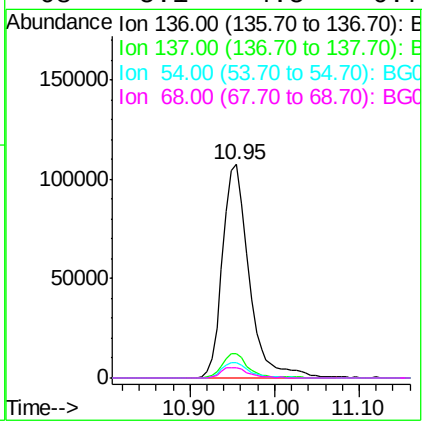


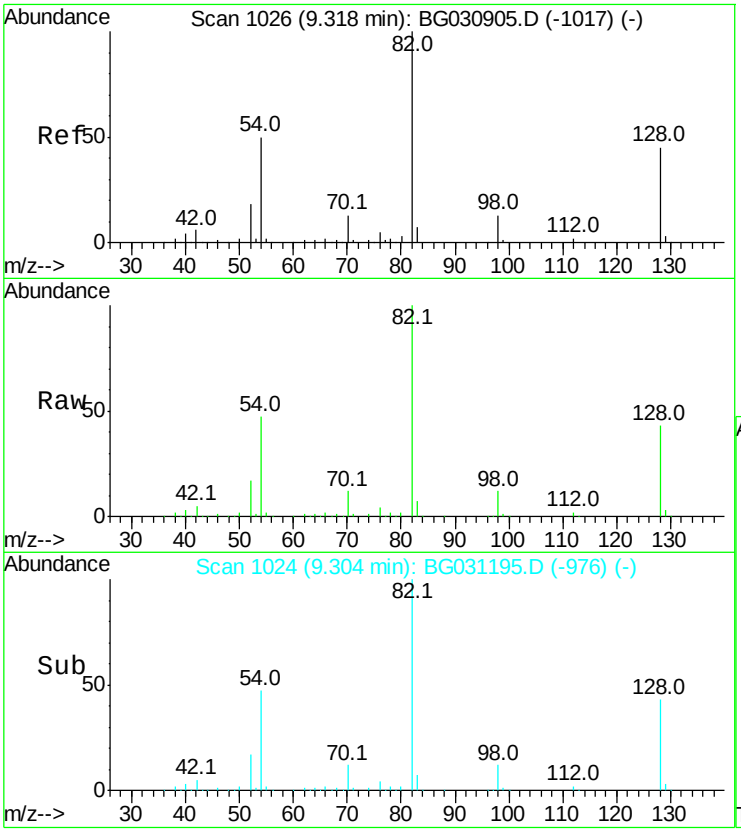




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG031195.D
Acq: 22 Nov 2017 18:41

Tgt Ion:136 Resp: 234408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 9.2 | 13.8 |
| 54 | 6.9 | 10.3 | 15.5# |
| 68 | 5.1 | 4.5 | 6.7 |



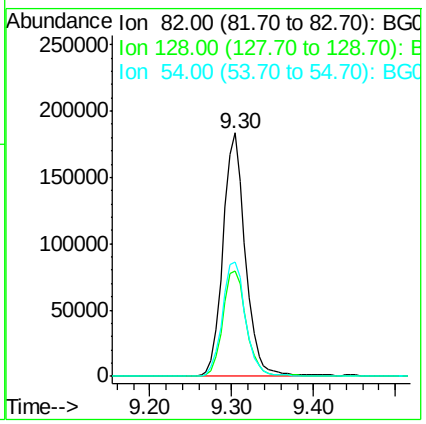


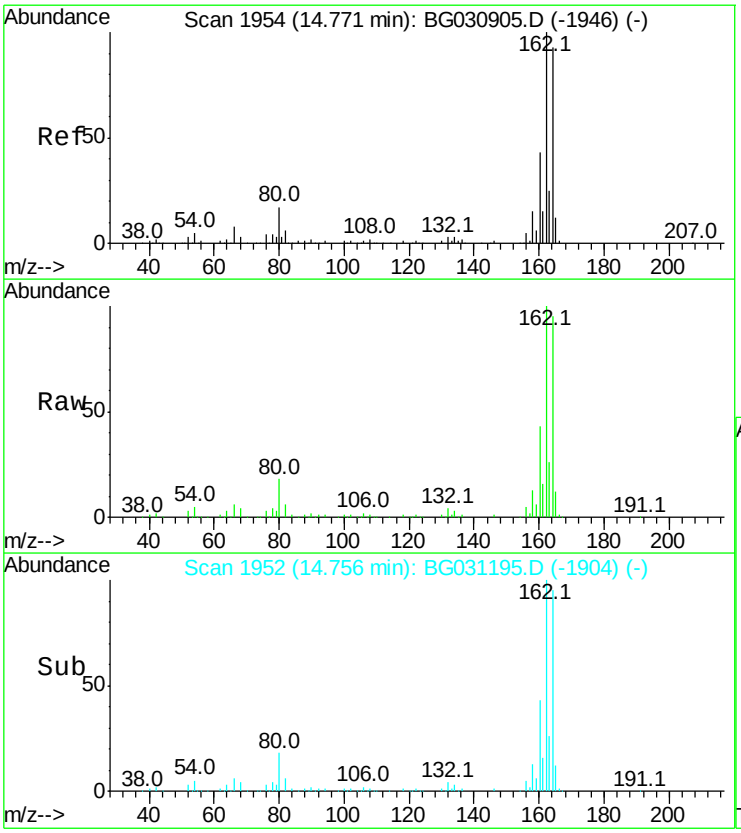

#23
Nitrobenzene-d5
Concen: 88.560 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031195.D
Acq: 22 Nov 2017 18:41

**Instrument :**
BNA_G
**ClientSampleId :**
MW-20

Tgt Ion: 82 Resp: 350330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.4 | 29.7 | 44.5 |
| 54 | 46.8 | 43.1 | 64.7 |

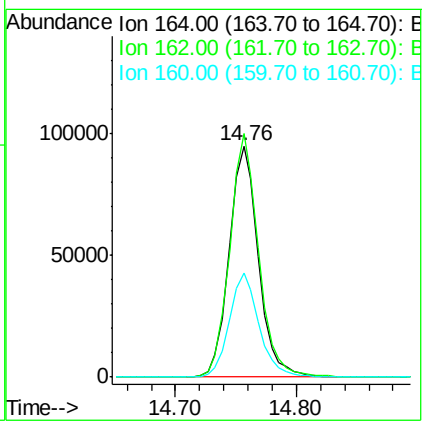


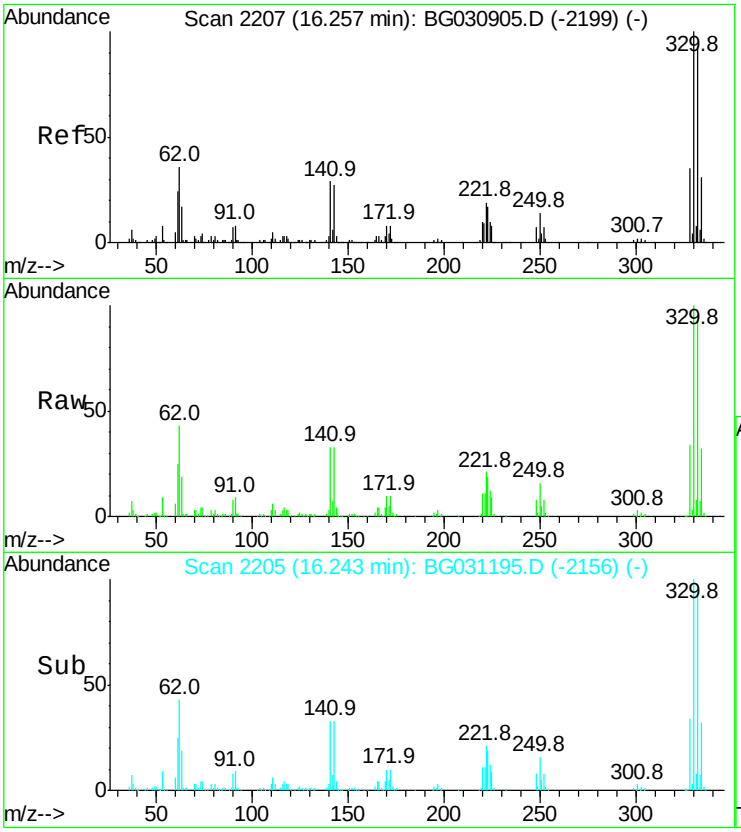




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031195.D
Acq: 22 Nov 2017 18:41

Tgt Ion:164 Resp: 160021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.2 | 78.8 | 118.2 |
| 160 | 44.8 | 35.4 | 53.0 |



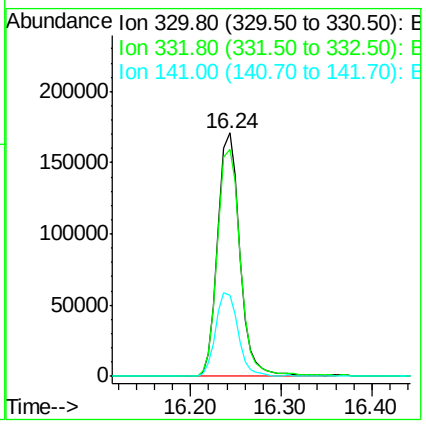


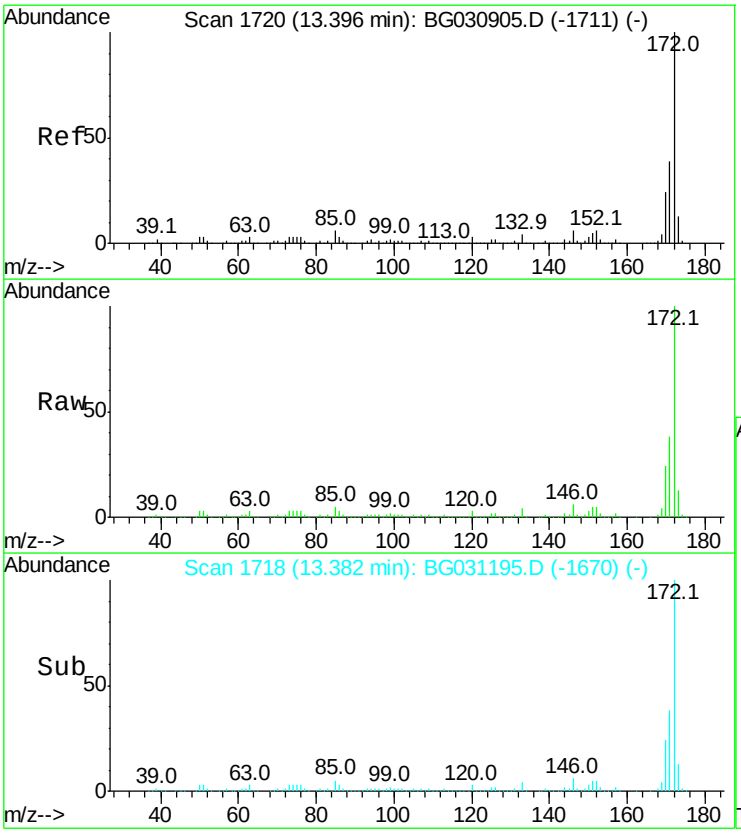

#41
2,4,6-Tribromophenol
Concen: 112.792 ng
RT: 16.24 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG031195.D
Acq: 22 Nov 2017 18:41

**Instrument :**
BNA_G
**ClientSampleId :**
MW-20

Tgt Ion:330 Resp: 291975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.8 | 77.0 | 115.6 |
| 141 | 34.8 | 25.2 | 37.8 |

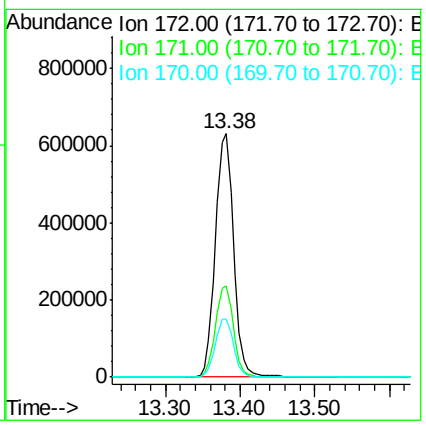


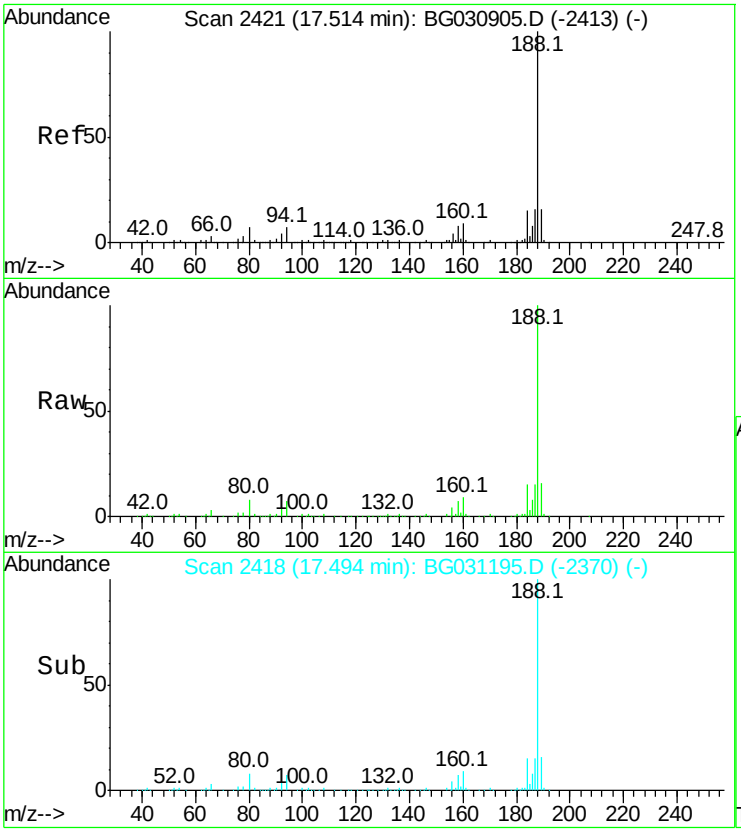




#44
2-Fluorobiphenyl
Concen: 96.151 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BG031195.D
Acq: 22 Nov 2017 18:41

Tgt Ion:172 Resp: 1070795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.6 | 30.0 | 45.0 |
| 170 | 23.9 | 19.5 | 29.3 |



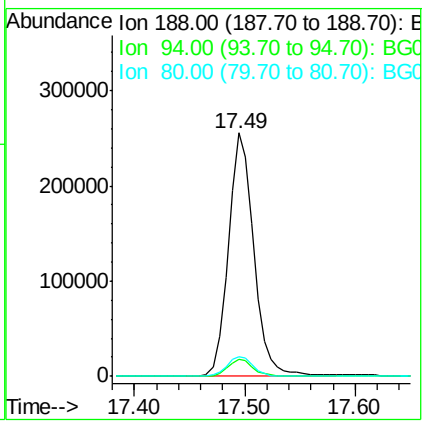


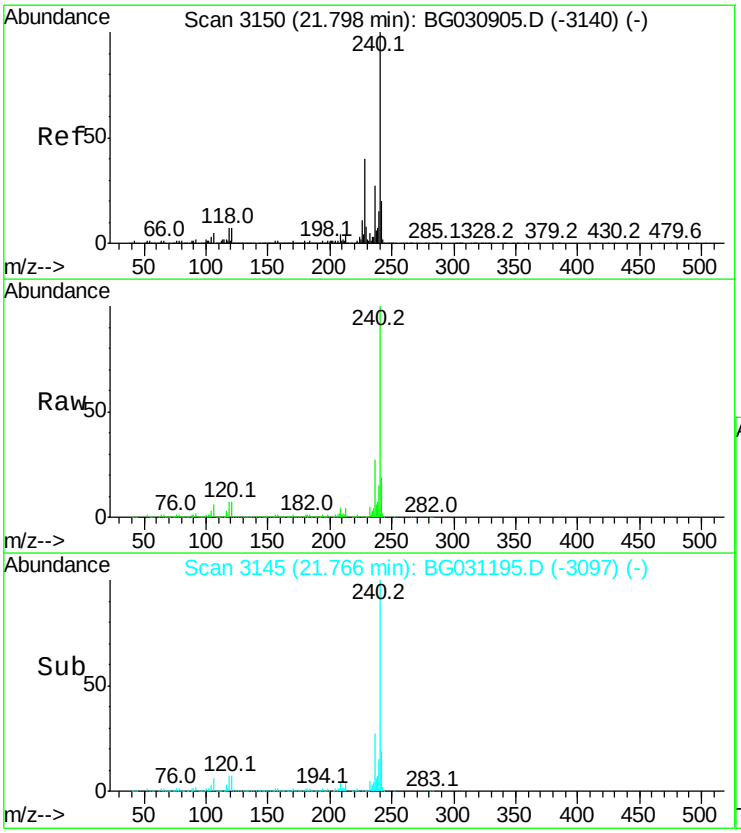

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031195.D
Acq: 22 Nov 2017 18:41

**Instrument :**
BNA_G
**ClientSampleId :**
MW-20

Tgt Ion:188 Resp: 413408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.1 | 6.9 | 10.3 |
| 80 | 8.2 | 7.7 | 11.5 |

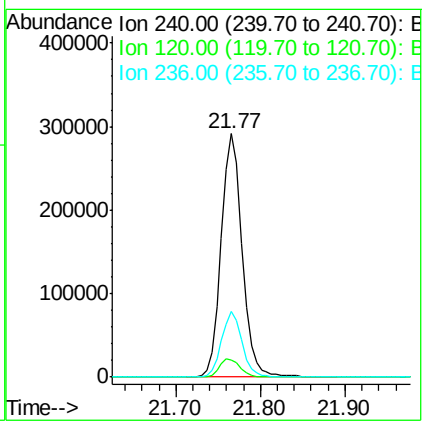


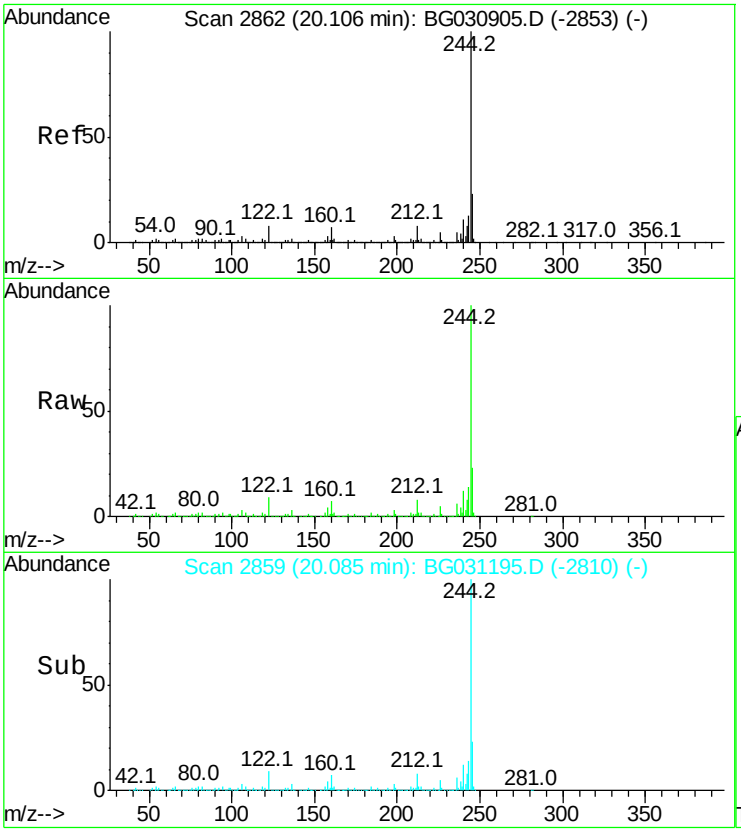




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031195.D
Acq: 22 Nov 2017 18:41

Tgt Ion:240 Resp: 501259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.2 | 6.8 | 10.2 |
| 236 | 27.0 | 20.9 | 31.3 |



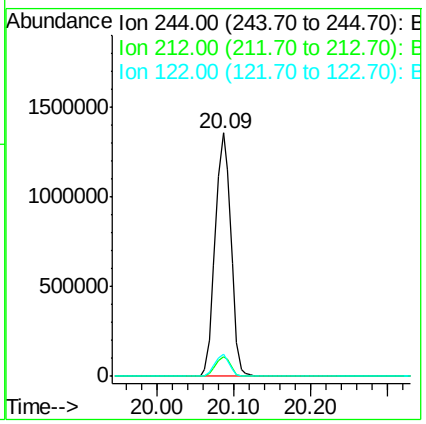


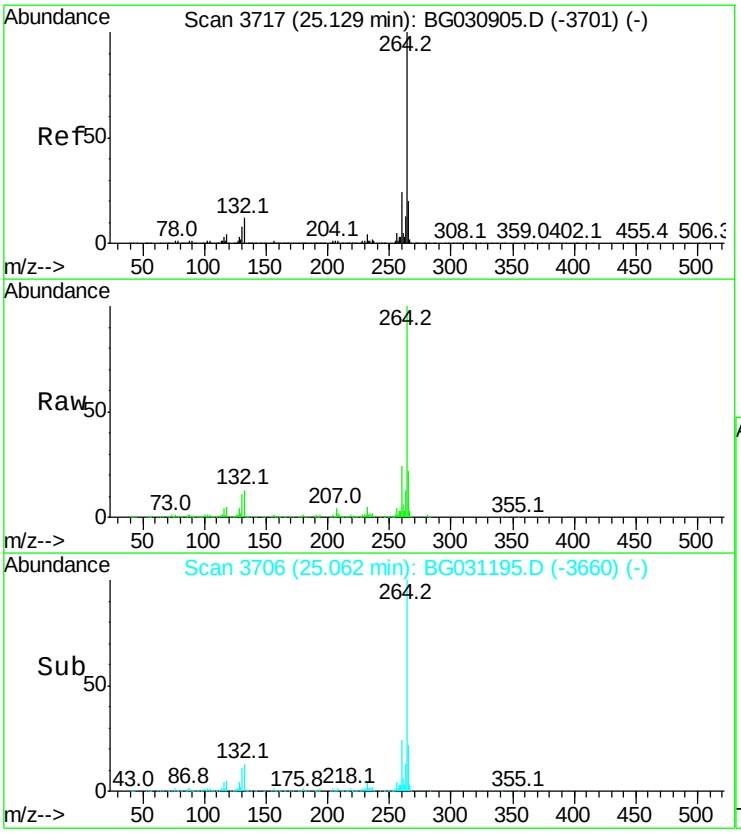

#78
Terphenyl-d14
Concen: 84.086 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG031195.D
Acq: 22 Nov 2017 18:41

**Instrument :**
BNA_G
**ClientSampleId :**
MW-20

Tgt Ion:244 Resp: 1908834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.2 | 5.8 | 8.8 |
| 122 | 8.9 | 7.0 | 10.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG031195.D
Acq: 22 Nov 2017 18:41

Tgt Ion:264 Resp: 485128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 17.4 | 26.0 |
| 265 | 22.5 | 17.7 | 26.5 |