Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044186.D
Acq On : 24 Jan 2020 17:46
Operator : CG/JU
Sample : PB126325BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB126325BL

Quant Time: Jan 27 04:40:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.93 | 152 | 70722 | 20.00 | ng | -0.04 |
| 21) Naphthalene-d8 | 10.73 | 136 | 313252 | 20.00 | ng | -0.04 |
| 39) Acenaphthene-d10 | 14.57 | 164 | 214675 | 20.00 | ng | -0.03 |
| 64) Phenanthrene-d10 | 17.31 | 188 | 475442 | 20.00 | ng | -0.02 |
| 76) Chrysene-d12 | 21.55 | 240 | 417960 | 20.00 | ng | -0.04 |
| 87) Perylene-d12 | 24.66 | 264 | 457275 | 20.00 | ng | -0.06 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.51 | 112 | 546916 | 141.99 | ng | -0.03 |
| 7) Phenol-d6 | 7.10 | 99 | 717847 | 133.33 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 9.08 | 82 | 428297 | 73.14 | ng | -0.04 |
| 42) 2,4,6-Tribromophenol | 16.05 | 330 | 275126 | 122.47 | ng | -0.03 |
| 45) 2-Fluorobiphenyl | 13.19 | 172 | 1036997 | 87.52 | ng | -0.04 |
| 79) Terphenyl-d14 | 19.92 | 244 | 1617351 | 96.64 | ng | -0.04 |
| **Target Compounds** | | | | | | Qvalue |

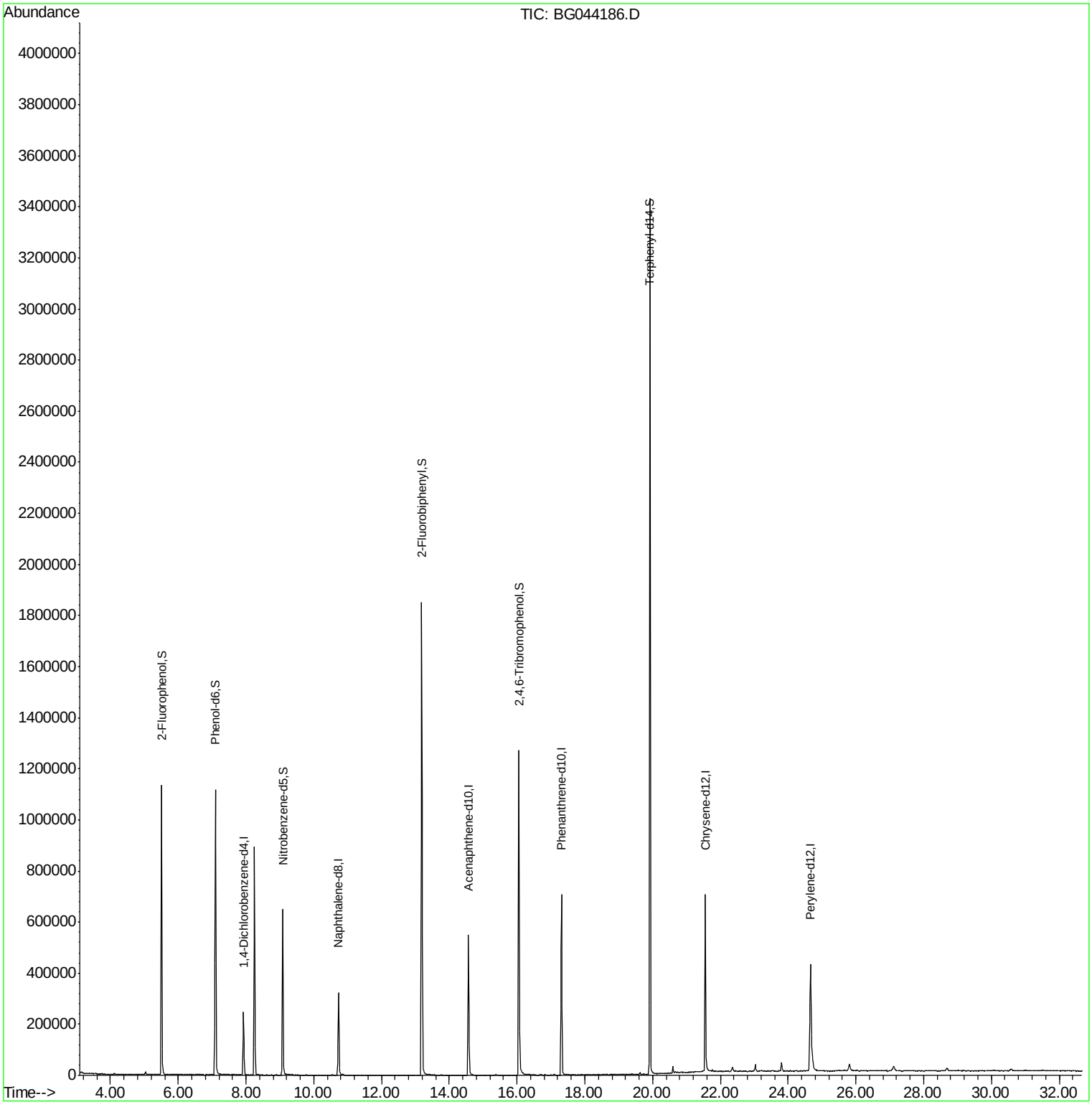
(#) = qualifier out of range (m) = manual integration (+) = signals summed

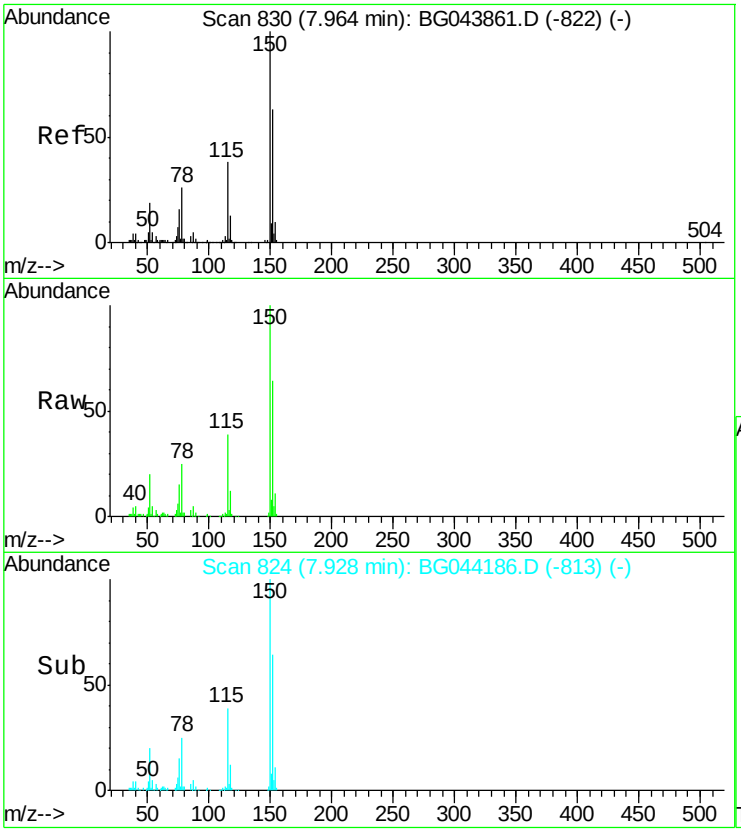
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044186.D
Acq On : 24 Jan 2020 17:46
Operator : CG/JU
Sample : PB126325BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PB126325BL

Quant Time: Jan 27 04:40:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration



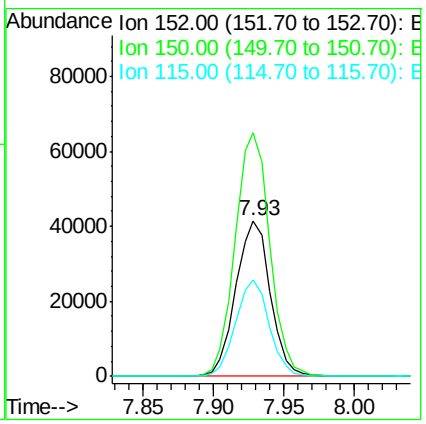


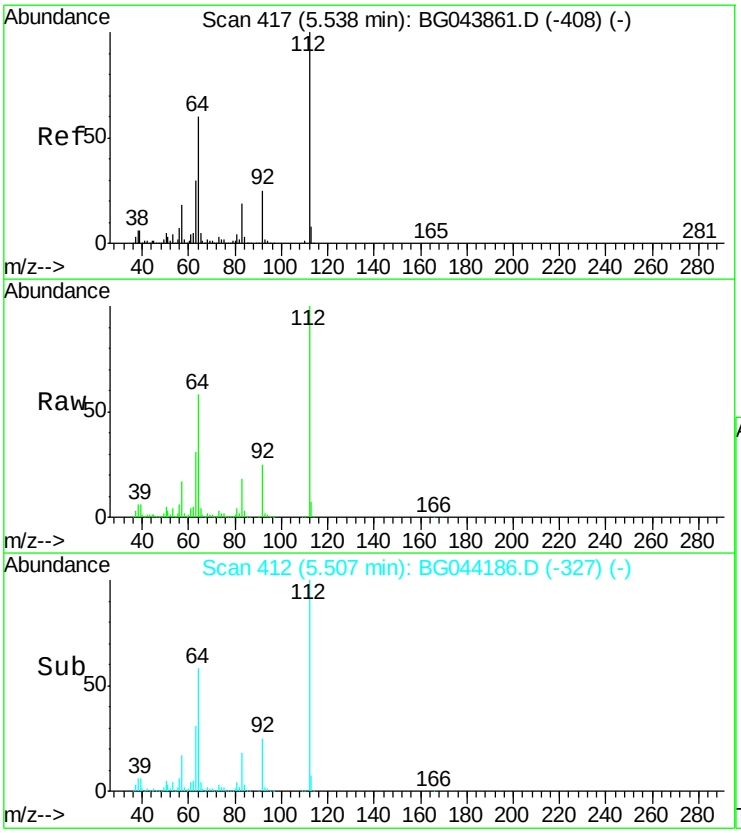

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044186.D
Acq: 24 Jan 2020 17:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB126325BL

Tgt Ion:152 Resp: 70722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.8 | 127.0 | 190.4 |
| 115 | 61.9 | 47.8 | 71.8 |

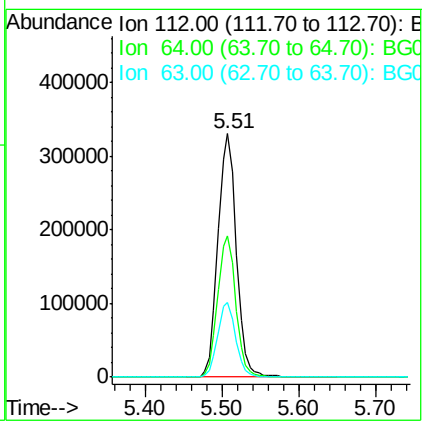


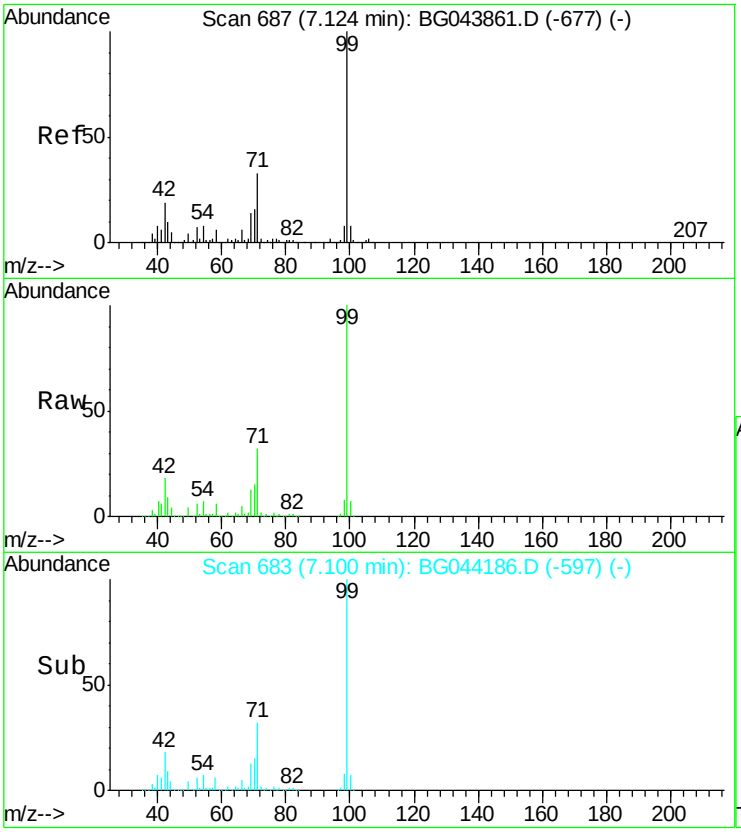




#5
2-Fluorophenol
Concen: 141.993 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044186.D
Acq: 24 Jan 2020 17:46

Tgt Ion:112 Resp: 546916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.1 | 47.8 | 71.6 |
| 63 | 30.7 | 24.3 | 36.5 |



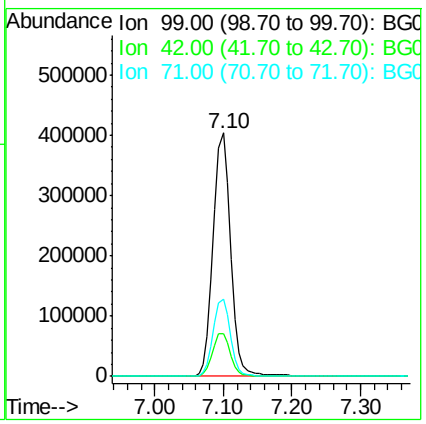


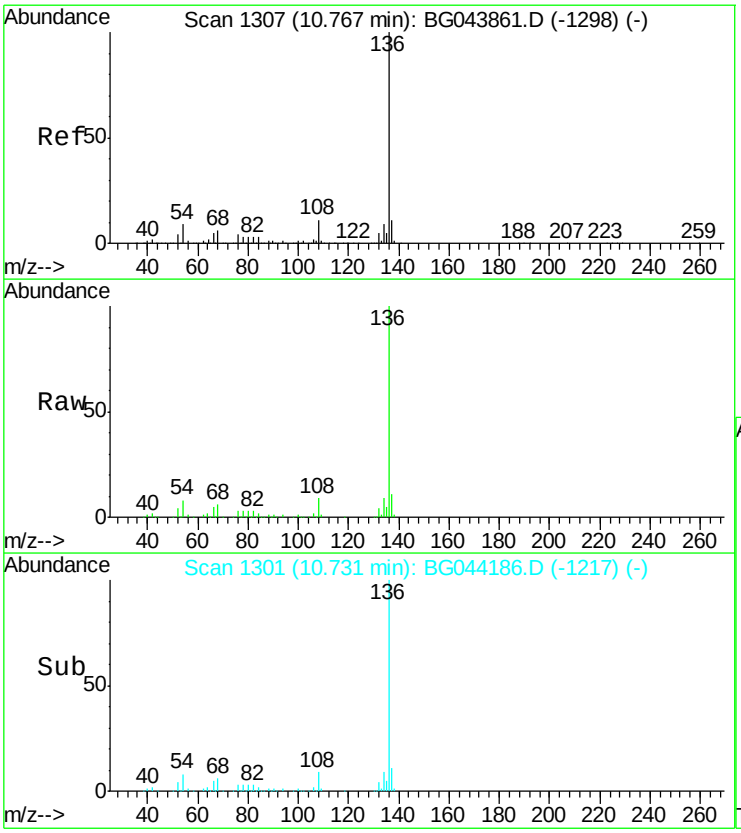

#7
Phenol-d6
Concen: 133.330 ng
RT: 7.10 min Scan# 683
Delta R.T. -0.02 min
Lab File: BG044186.D
Acq: 24 Jan 2020 17:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB126325BL

Tgt Ion: 99 Resp: 717847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.7 | 14.9 | 22.3 |
| 71 | 31.5 | 26.4 | 39.6 |

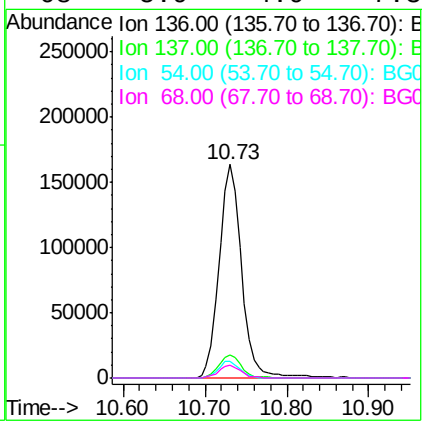


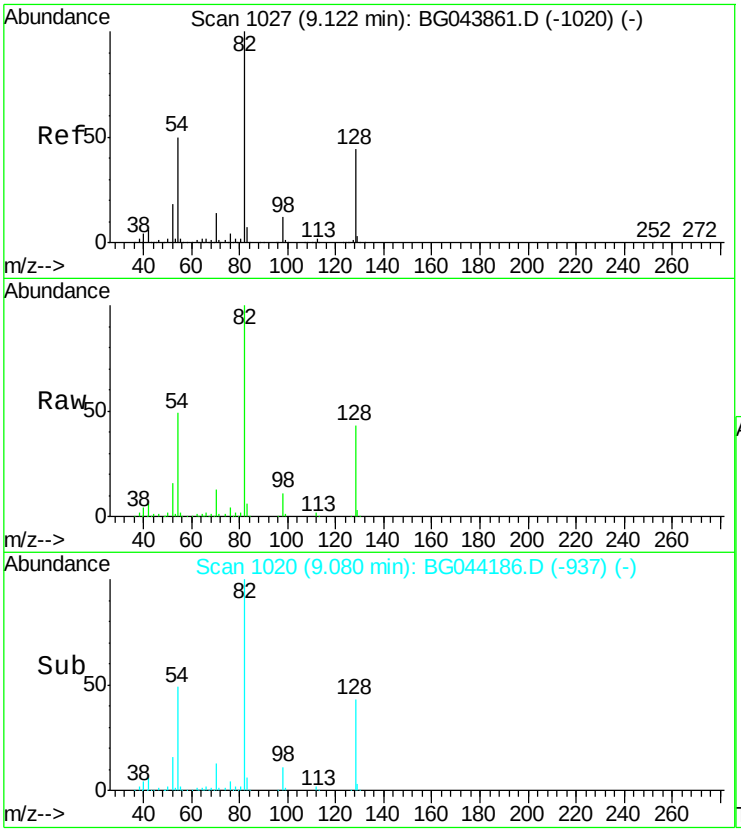




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044186.D
Acq: 24 Jan 2020 17:46

Tgt Ion:136 Resp: 313252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.8 | 13.2 |
| 54 | 7.9 | 7.0 | 10.4 |
| 68 | 5.9 | 4.9 | 7.3 |



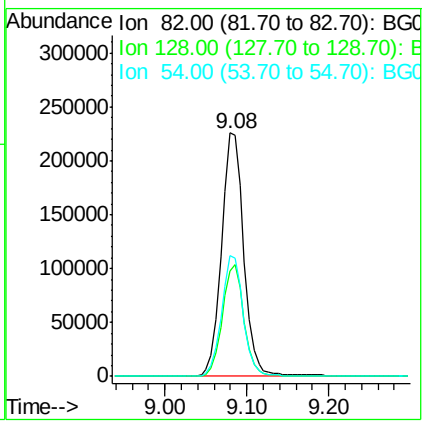


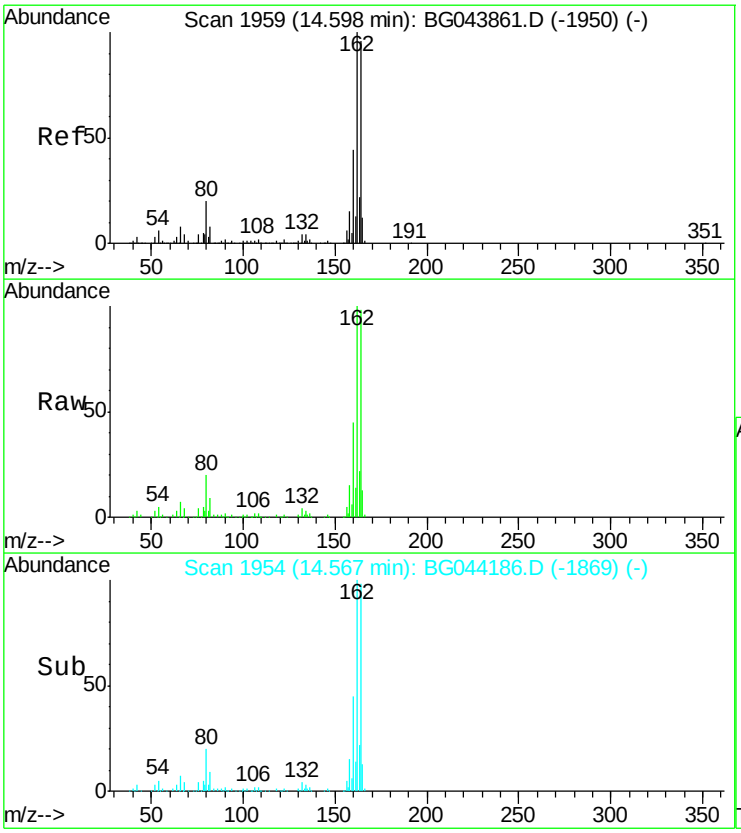

#23
Nitrobenzene-d5
Concen: 73.143 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044186.D
Acq: 24 Jan 2020 17:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB126325BL

Tgt Ion: 82 Resp: 428297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.1 | 35.1 | 52.7 |
| 54 | 49.5 | 40.1 | 60.1 |

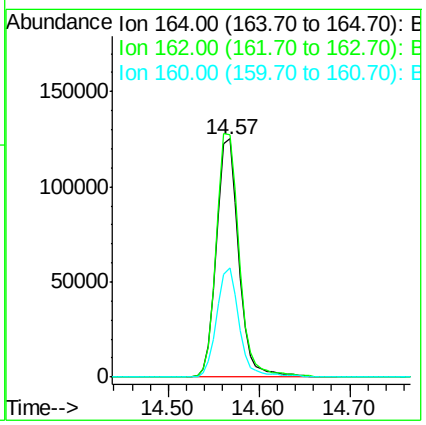


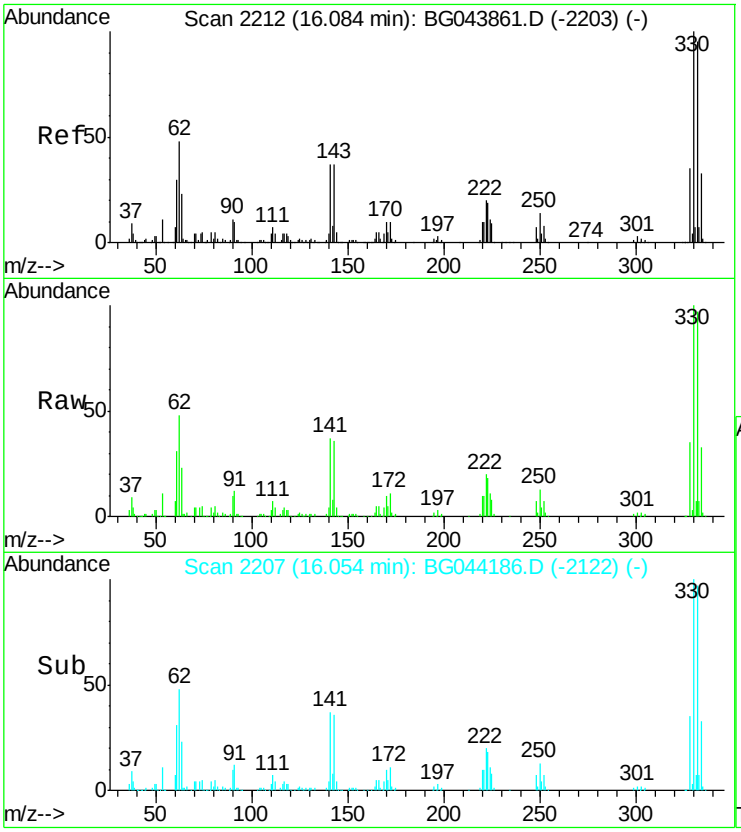




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044186.D
Acq: 24 Jan 2020 17:46

Tgt Ion:164 Resp: 214675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.5 | 83.0 | 124.4 |
| 160 | 45.7 | 36.1 | 54.1 |



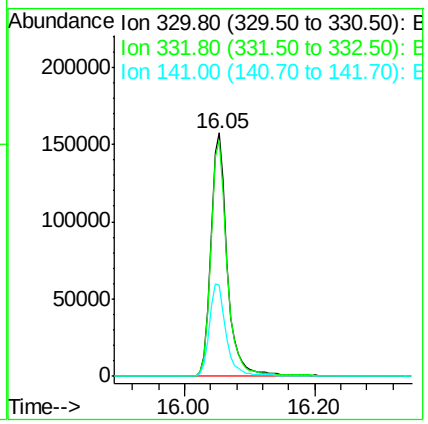


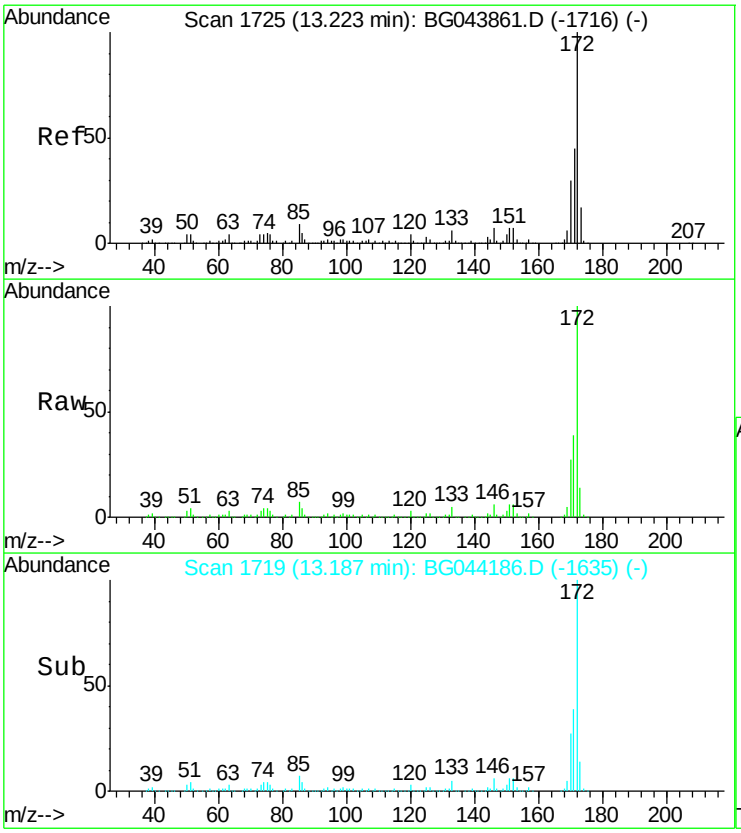

#42
2,4,6-Tribromophenol
Concen: 122.467 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BG044186.D
Acq: 24 Jan 2020 17:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB126325BL

Tgt Ion:330 Resp: 275126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.1 | 77.2 | 115.8 |
| 141 | 38.7 | 33.1 | 49.7 |

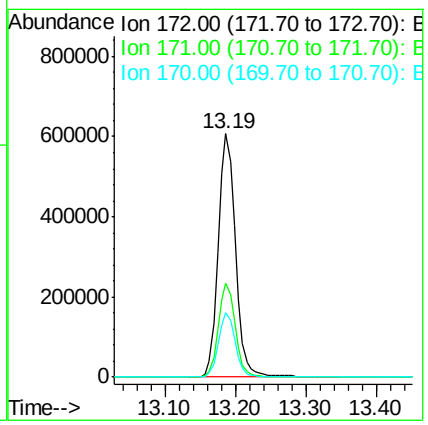


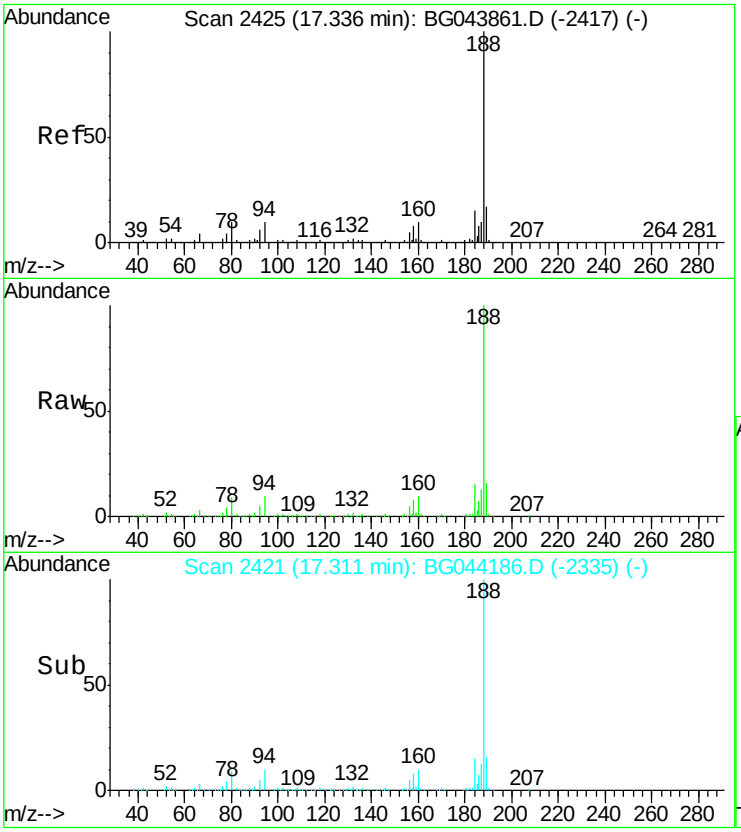




#45
2-Fluorobiphenyl
Concen: 87.518 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BG044186.D
Acq: 24 Jan 2020 17:46

Tgt Ion:172 Resp: 1036997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.7 | 35.8 | 53.8 |
| 170 | 26.5 | 24.2 | 36.4 |



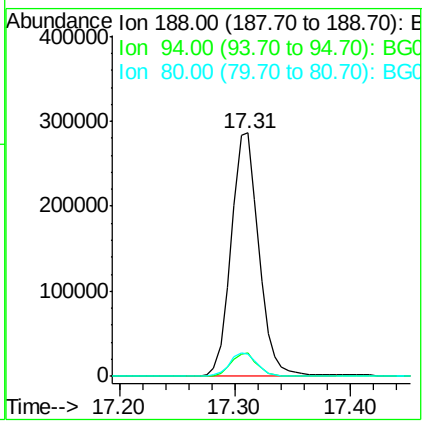


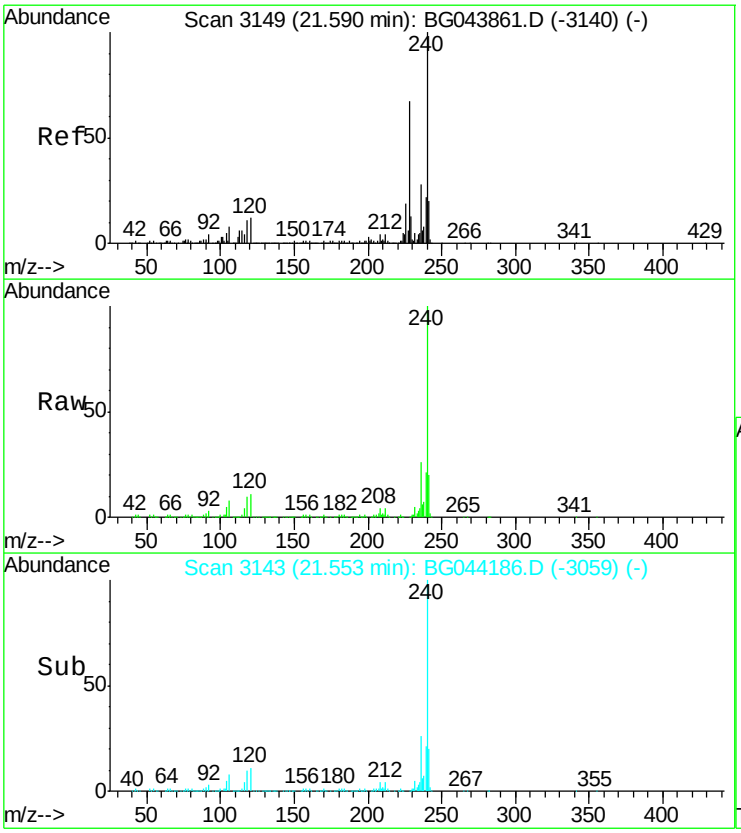

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044186.D
Acq: 24 Jan 2020 17:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB126325BL

Tgt Ion:188 Resp: 475442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.8 | 7.9 | 11.9 |
| 80 | 9.3 | 8.2 | 12.4 |

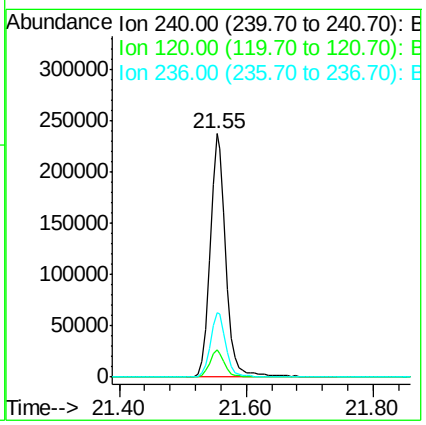


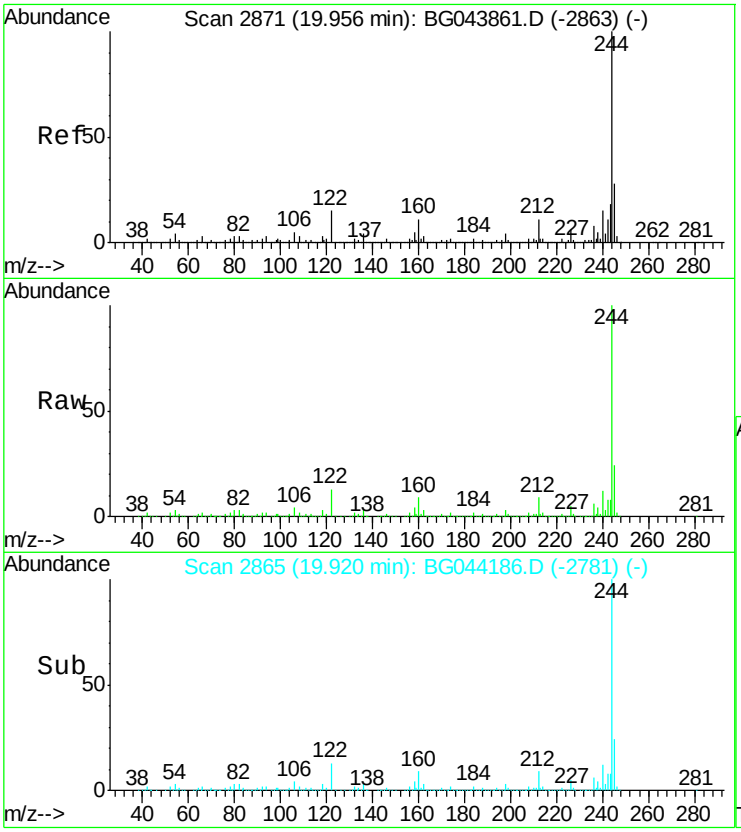




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.04 min
Lab File: BG044186.D
Acq: 24 Jan 2020 17:46

Tgt Ion:240 Resp: 417960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 9.6 | 14.4 |
| 236 | 26.5 | 22.2 | 33.2 |



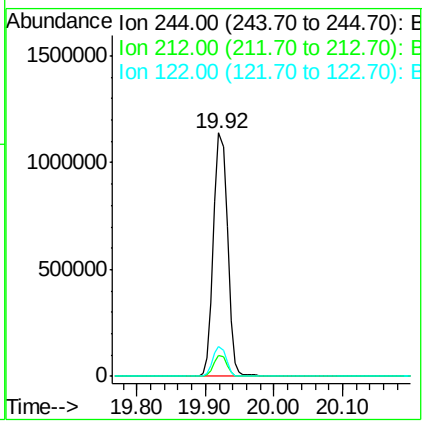


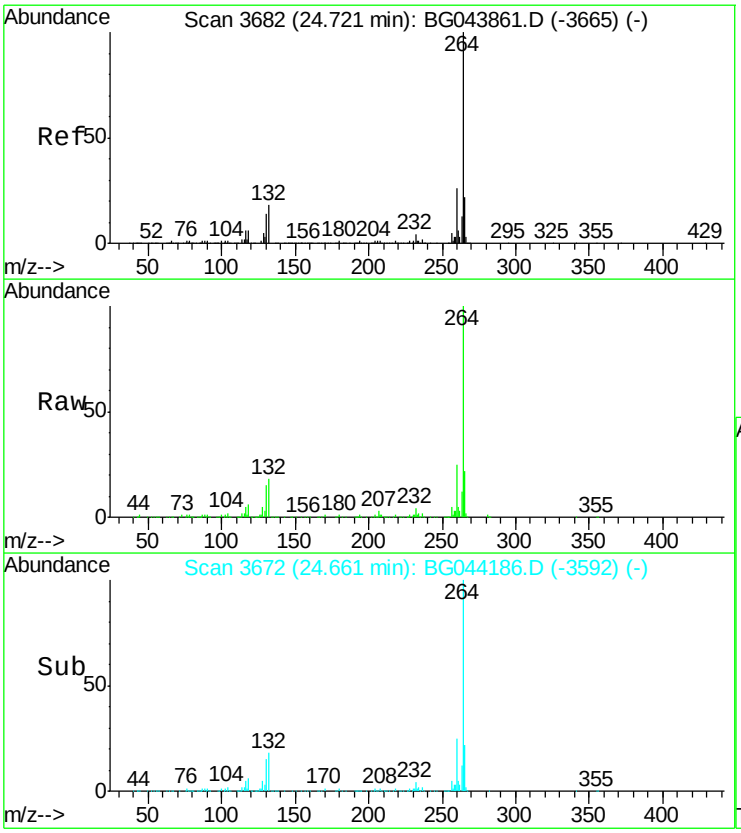

#79
Terphenyl-d14
Concen: 96.642 ng
RT: 19.92 min Scan# 2865
Delta R.T. -0.04 min
Lab File: BG044186.D
Acq: 24 Jan 2020 17:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB126325BL

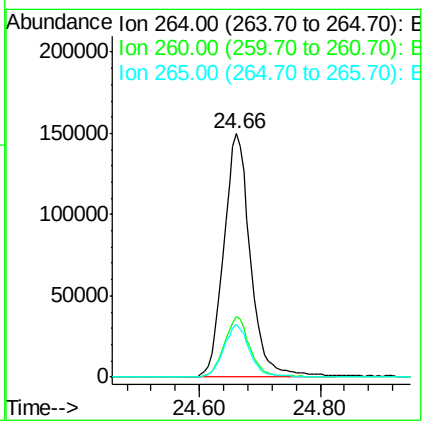
Tgt Ion:244 Resp: 1617351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.8 | 8.6 | 13.0 |
| 122 | 12.5 | 11.9 | 17.9 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044186.D
Acq: 24 Jan 2020 17:46

Tgt Ion:264 Resp: 457275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.9 | 20.4 | 30.6 |
| 265 | 21.8 | 17.4 | 26.2 |