Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012117\
Data File : BG025569.D
Acq On : 21 Jan 2017 12:03
Operator : UM/SJ
Sample : I1267-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** MW-21

Quant Time: Jan 23 00:55:39 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.18 | 152 | 68905 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 11.01 | 136 | 283131 | 20.00 | ng | -0.02 |
| 38) Acenaphthene-d10 | 14.81 | 164 | 227098 | 20.00 | ng | -0.02 |
| 63) Phenanthrene-d10 | 17.56 | 188 | 508025 | 20.00 | ng | -0.02 |
| 75) Chrysene-d12 | 21.84 | 240 | 733681 | 20.00 | ng | -0.02 |
| 86) Perylene-d12 | 25.23 | 264 | 776908 | 20.00 | ng | -0.04 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.72 | 112 | 335547 | 88.52 | ng | -0.02 |
| 7) Phenol-d6 | 7.34 | 99 | 299724 | 56.14 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 9.36 | 82 | 749736 | 116.98 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 16.30 | 330 | 594515 | 162.61 | ng | -0.02 |
| 44) 2-Fluorobiphenyl | 13.43 | 172 | 1523652 | 108.62 | ng | -0.02 |
| 78) Terphenyl-d14 | 20.13 | 244 | 2605034 | 94.14 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 15) Benzyl Alcohol | 8.50 | 79 | 13677 | 2.68 | ng | # 45 |
| 40) Hexachlorocyclopentadiene | 12.98 | 237 | 93 | 8.54 | ng | # 29 |
| 53) 2,4-Dinitrophenol | 15.21 | 184 | 138 | 5.13 | ng | 97 |

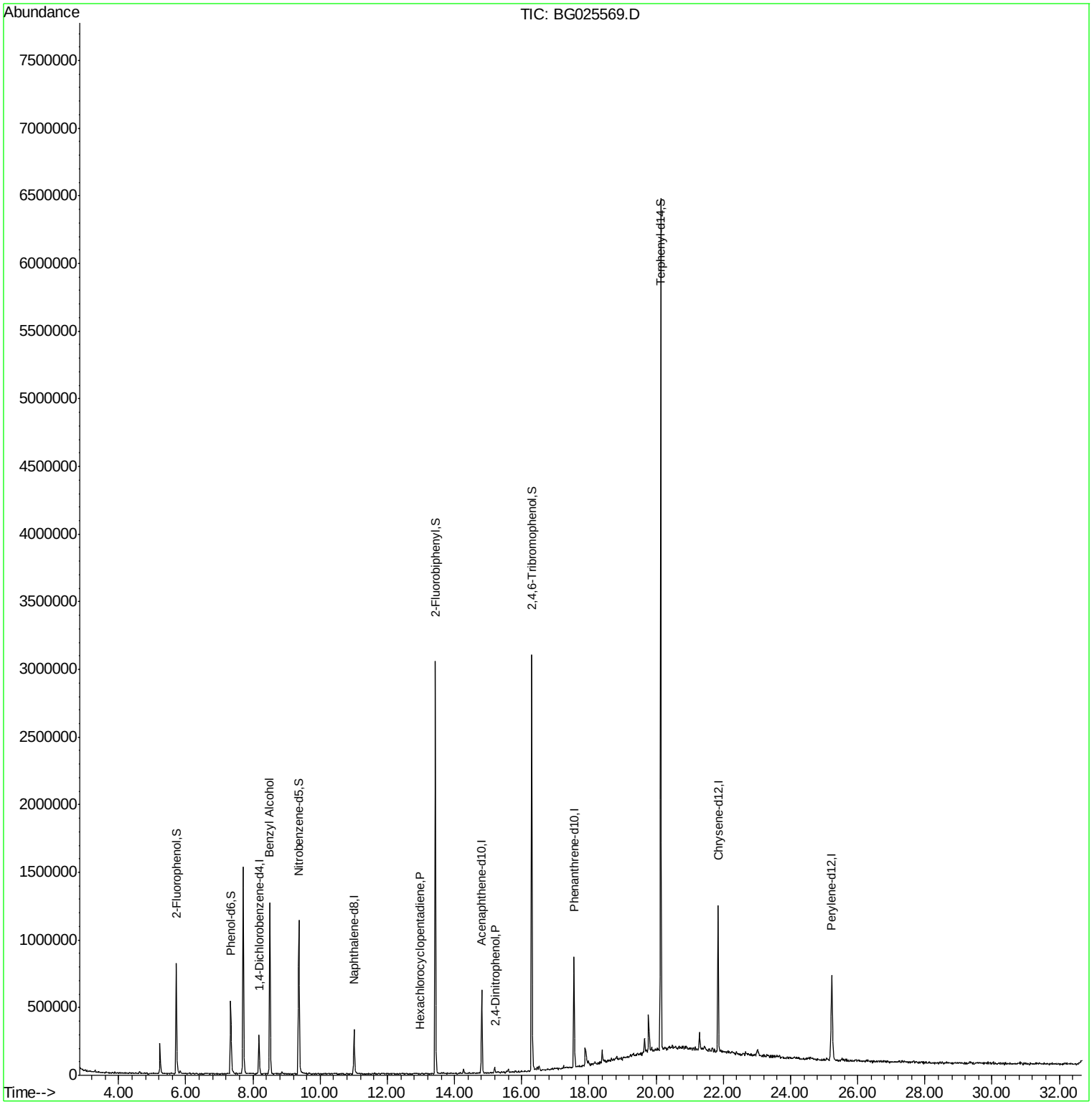
(#) = qualifier out of range (m) = manual integration (+) = signals summed

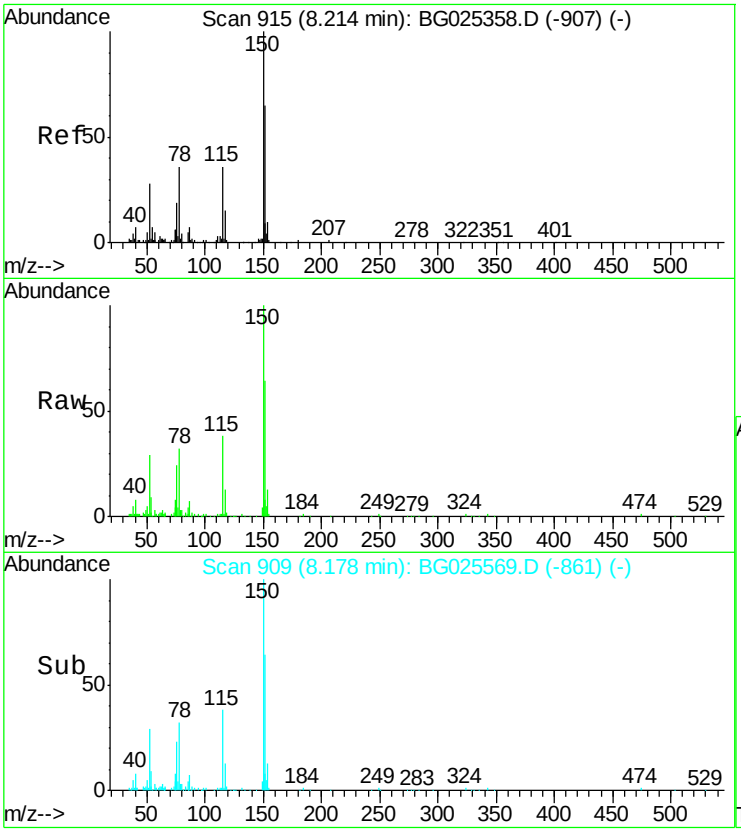
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012117\
Data File : BG025569.D
Acq On : 21 Jan 2017 12:03
Operator : UM/SJ
Sample : I1267-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-21

Quant Time: Jan 23 00:55:39 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration



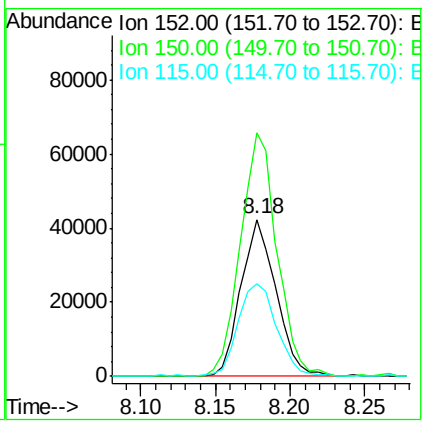


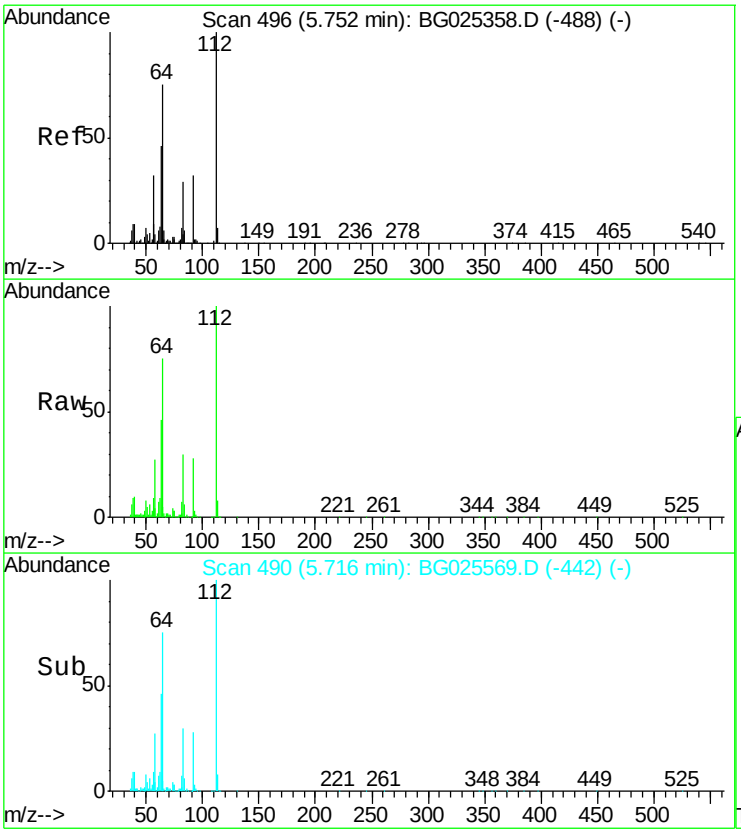

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 909
Delta R.T. -0.02 min
Lab File: BG025569.D
Acq: 21 Jan 2017 12:03

**Instrument :**
BNA_G
**ClientSampleId :**
MW-21

Tgt Ion:152 Resp: 68905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.4 | 114.0 | 171.0 |
| 115 | 59.4 | 48.1 | 72.1 |

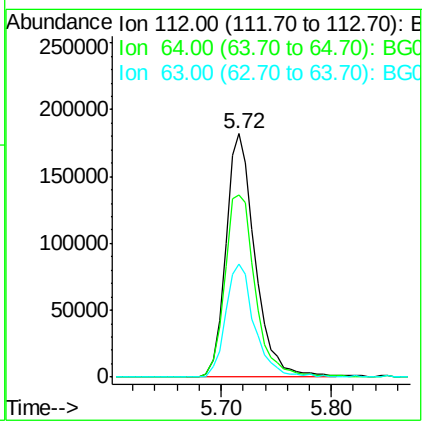


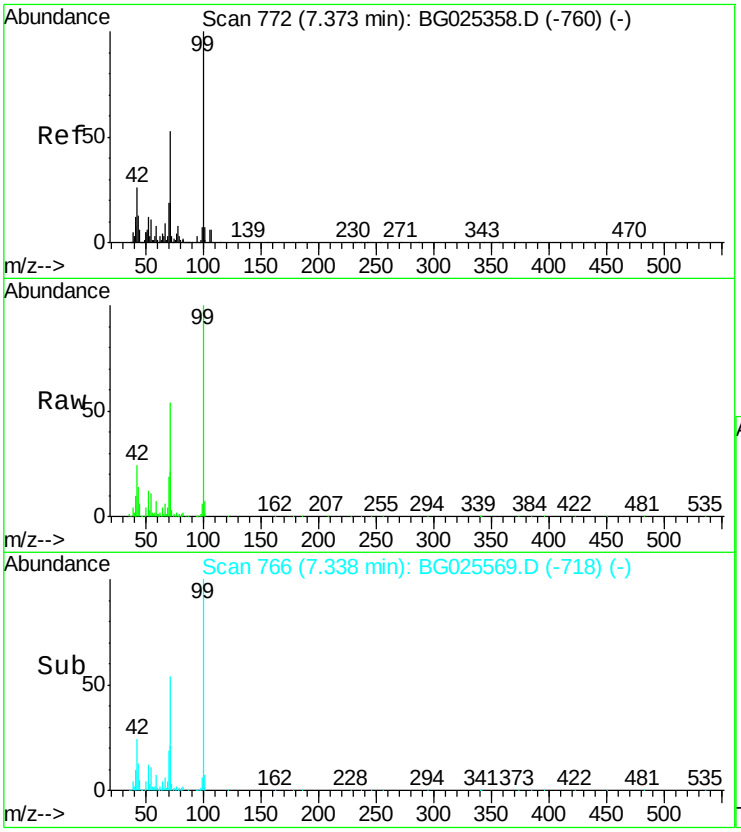




#5
2-Fluorophenol
Concen: 88.52 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.02 min
Lab File: BG025569.D
Acq: 21 Jan 2017 12:03

Tgt Ion:112 Resp: 335547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 75.1 | 61.8 | 92.6 |
| 63 | 46.5 | 37.2 | 55.8 |



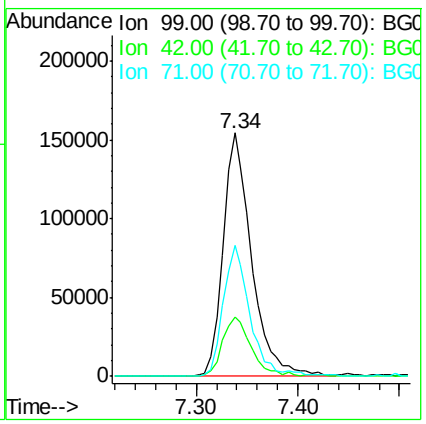


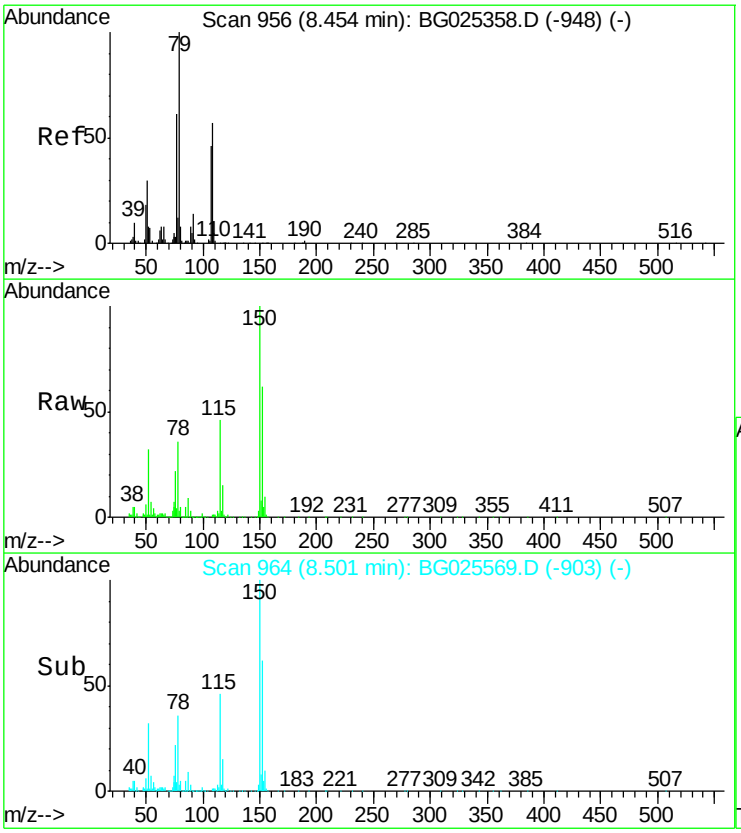

#7
Phenol-d6
Concen: 56.14 ng
RT: 7.34 min Scan# 766
Delta R.T. -0.02 min
Lab File: BG025569.D
Acq: 21 Jan 2017 12:03

**Instrument :**
BNA_G
**ClientSampleId :**
MW-21

Tgt Ion: 99 Resp: 299724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 24.5 | 20.5 | 30.7 |
| 71 | 53.8 | 37.6 | 56.4 |

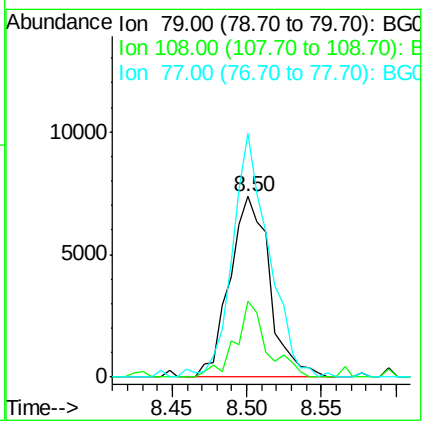


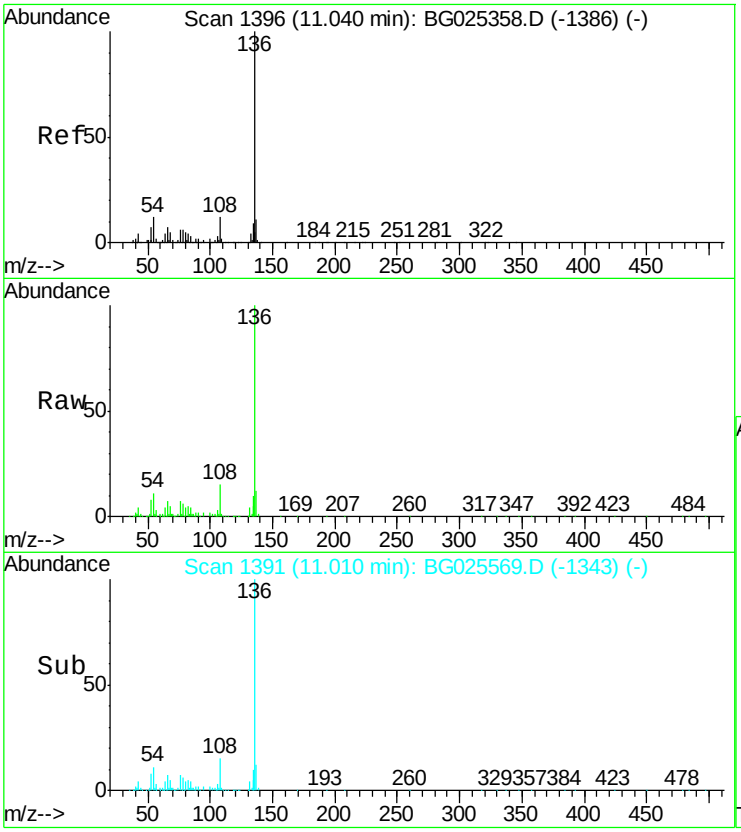




#15
Benzyl Alcohol
Concen: 2.68 ng
RT: 8.50 min Scan# 964
Delta R.T. 0.06 min
Lab File: BG025569.D
Acq: 21 Jan 2017 12:03

Tgt Ion: 79 Resp: 13677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 41.8 | 45.5 | 68.3# |
| 77 | 134.9 | 54.3 | 81.5# |



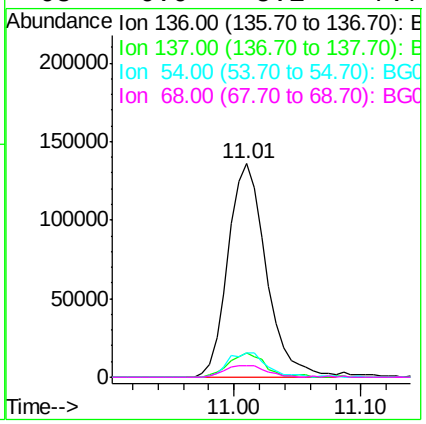


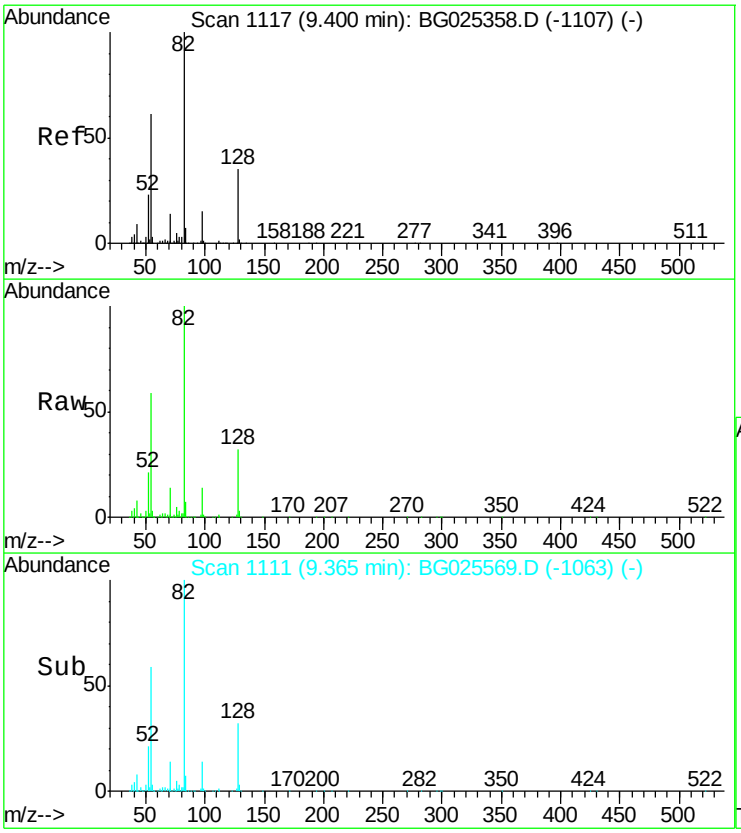

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BG025569.D
Acq: 21 Jan 2017 12:03

**Instrument :**
BNA_G
**ClientSampleId :**
MW-21

Tgt Ion:136 Resp: 283131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.7 | 8.9 | 13.3 |
| 54 | 11.3 | 9.3 | 13.9 |
| 68 | 6.0 | 5.1 | 7.7 |

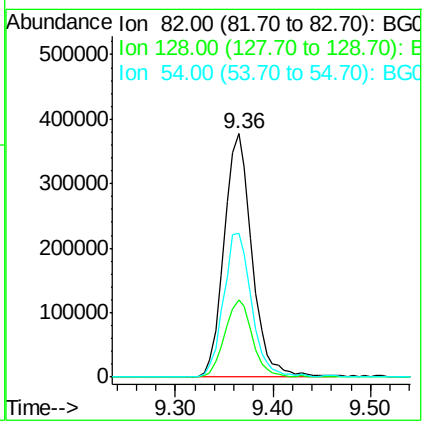


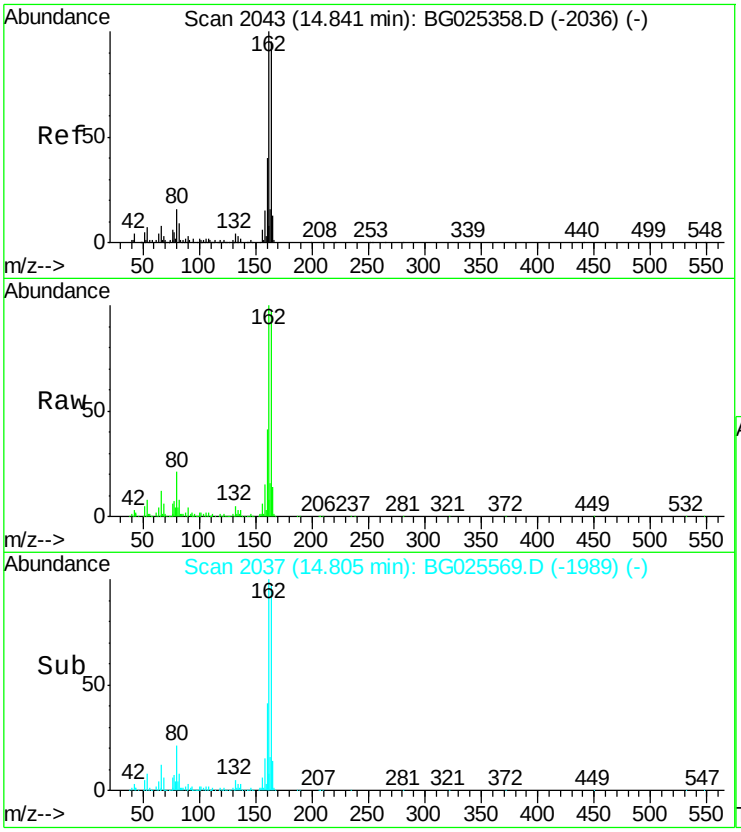




#23
Nitrobenzene-d5
Concen: 116.98 ng
RT: 9.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BG025569.D
Acq: 21 Jan 2017 12:03

Tgt Ion: 82 Resp: 749736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 31.9 | 26.4 | 39.6 |
| 54 | 59.1 | 49.4 | 74.2 |



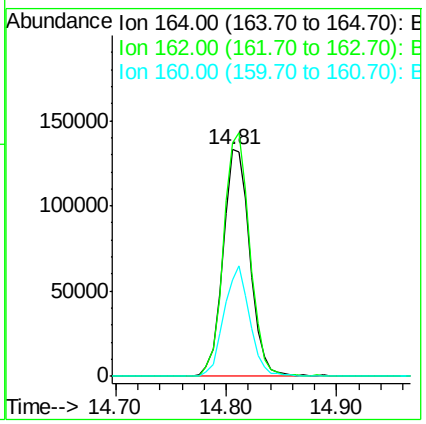


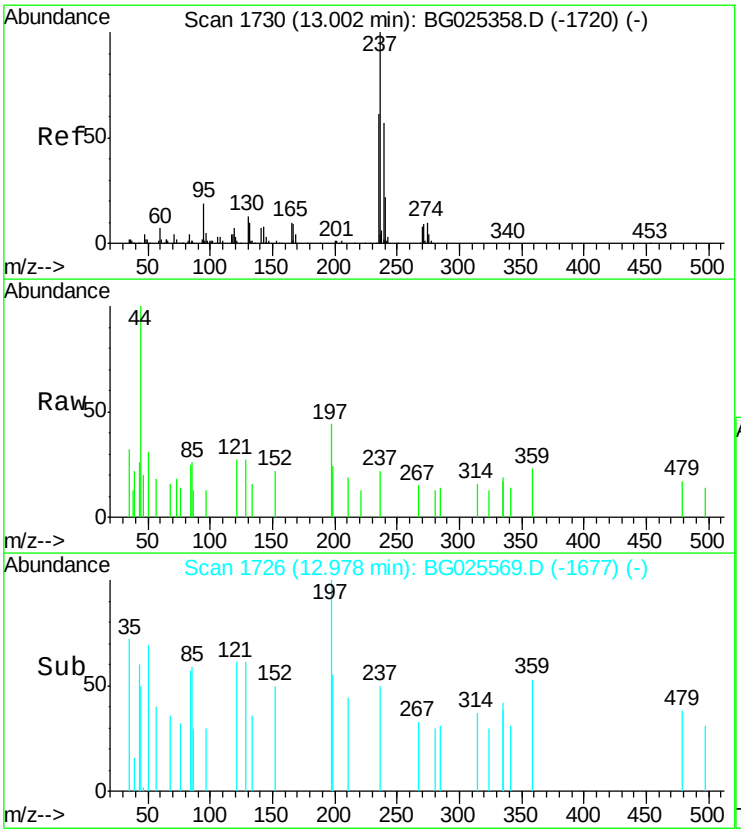

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BG025569.D
Acq: 21 Jan 2017 12:03

**Instrument :**
BNA_G
**ClientSampleId :**
MW-21

Tgt Ion:164 Resp: 227098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.1 | 85.1 | 127.7 |
| 160 | 42.7 | 34.7 | 52.1 |

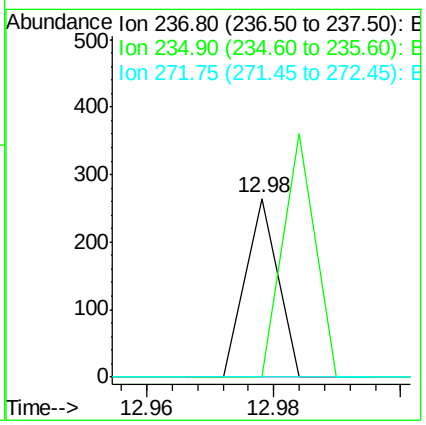


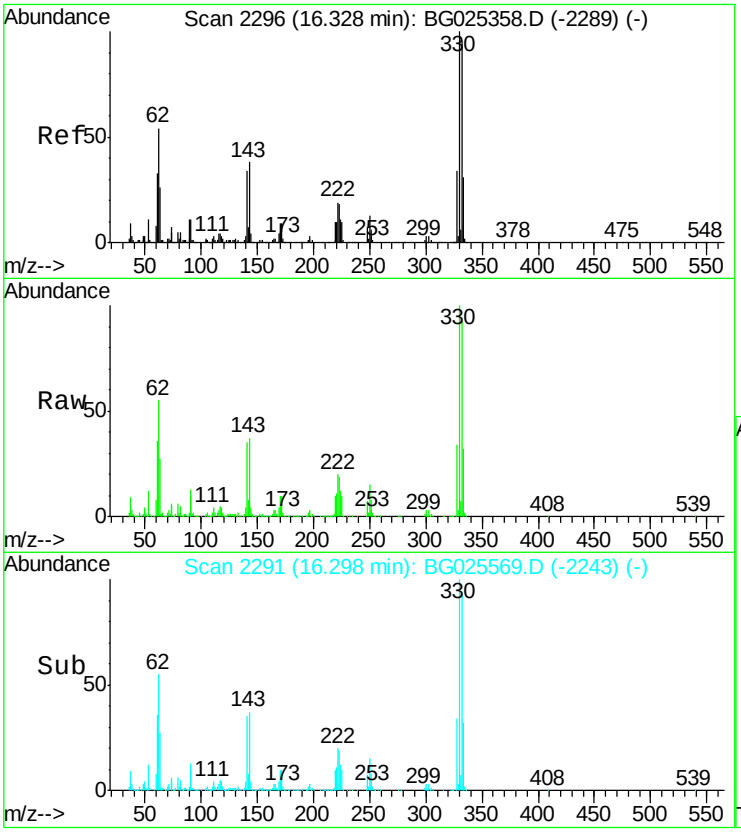




#40
Hexachlorocyclopentadiene
Concen: 8.54 ng
RT: 12.98 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BG025569.D
Acq: 21 Jan 2017 12:03

Tgt Ion:237 Resp: 93

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 0.0 | 39.4 | 79.4# |
| 272 | 0.0 | 0.0 | 32.0 |



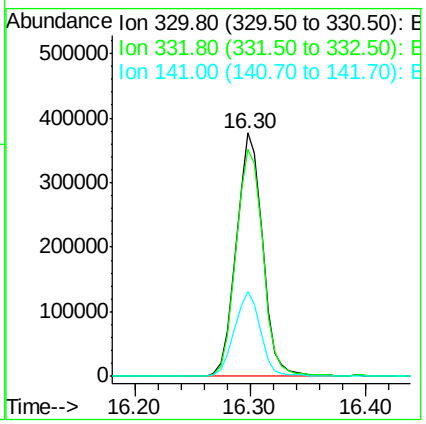


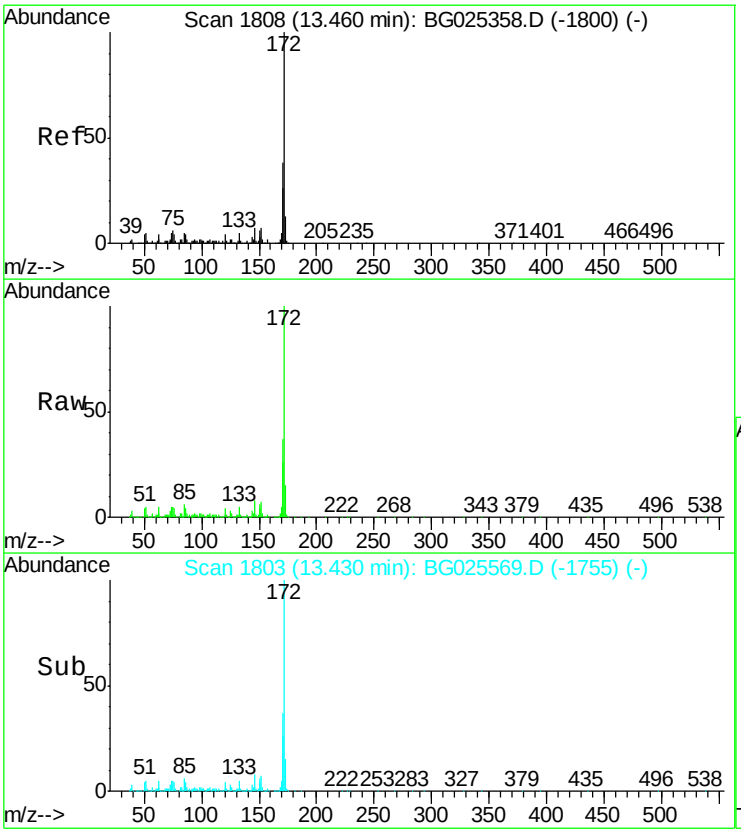

#41
2,4,6-Tribromophenol
Concen: 162.61 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.02 min
Lab File: BG025569.D
Acq: 21 Jan 2017 12:03

**Instrument :**
BNA_G
**ClientSampleId :**
MW-21

Tgt Ion:330 Resp: 594515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.5 | 77.3 | 115.9 |
| 141 | 34.6 | 32.1 | 48.1 |

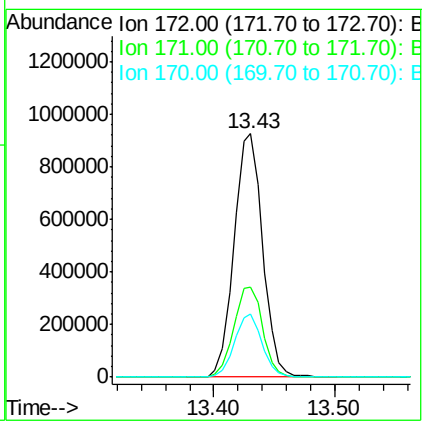


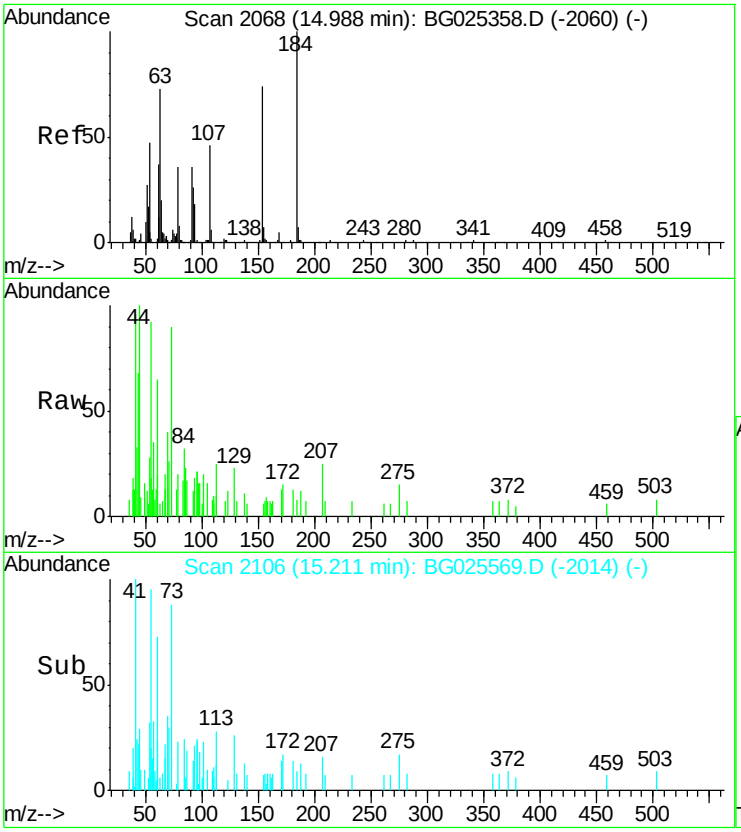




#44
2-Fluorobiphenyl
Concen: 108.62 ng
RT: 13.43 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BG025569.D
Acq: 21 Jan 2017 12:03

Tgt Ion:172 Resp: 1523652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.2 | 32.2 | 48.2 |
| 170 | 26.1 | 21.8 | 32.6 |



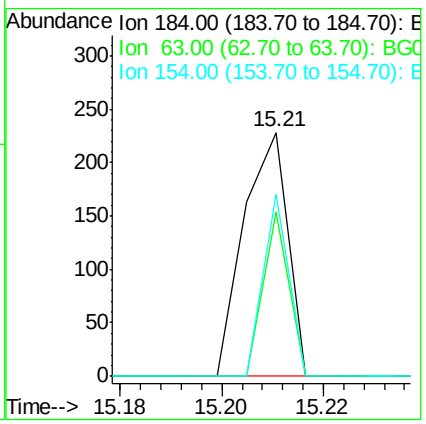


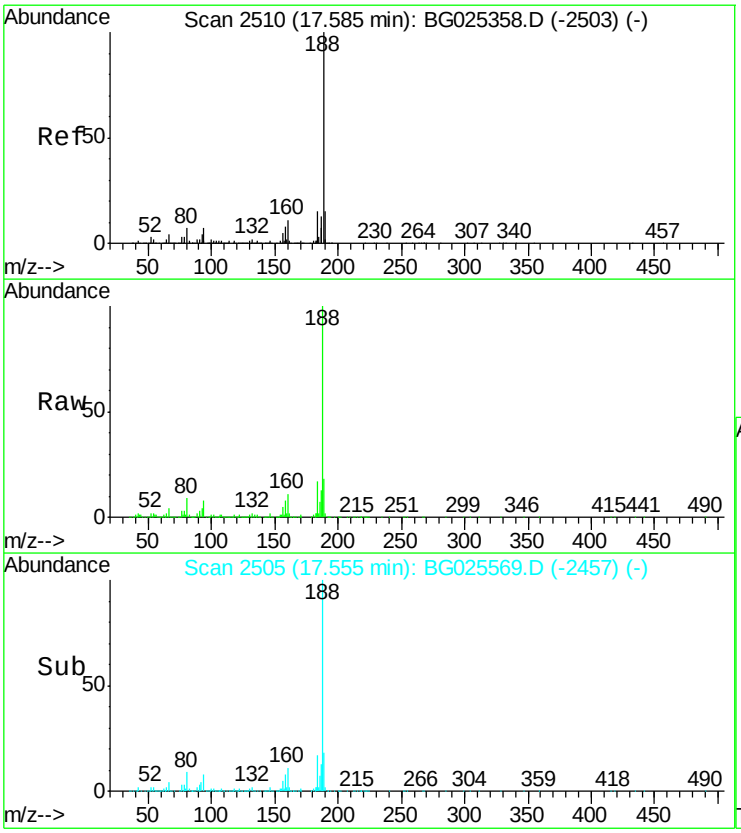

#53
2,4-Dinitrophenol
Concen: 5.13 ng
RT: 15.21 min Scan# 2106
Delta R.T. 0.24 min
Lab File: BG025569.D
Acq: 21 Jan 2017 12:03

**Instrument :**
BNA_G
**ClientSampleId :**
MW-21

Tgt Ion:184 Resp: 138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 67.5 | 52.7 | 79.1 |
| 154 | 75.0 | 57.3 | 85.9 |

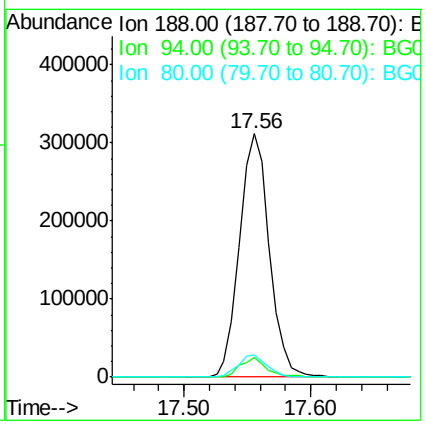


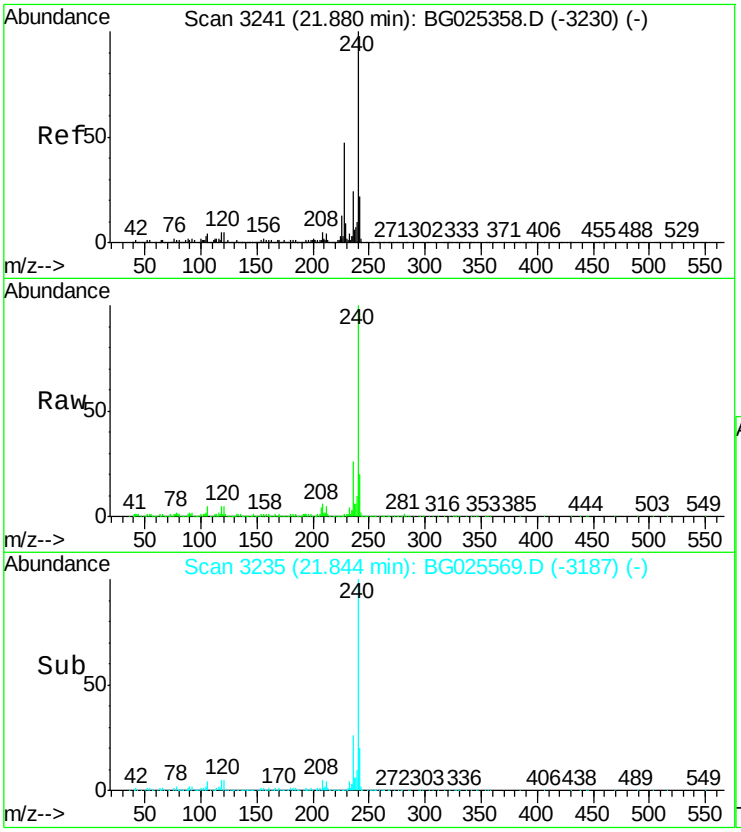




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.02 min
Lab File: BG025569.D
Acq: 21 Jan 2017 12:03

Tgt Ion:188 Resp: 508025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.2 | 5.8 | 8.8 |
| 80 | 9.0 | 7.5 | 11.3 |



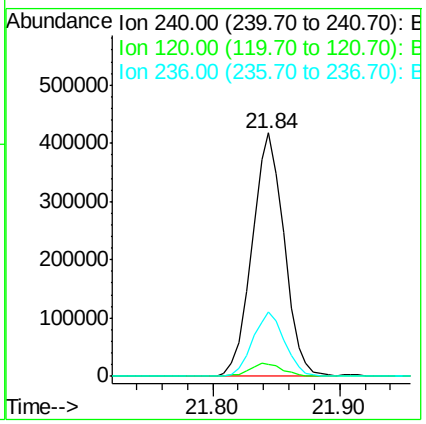


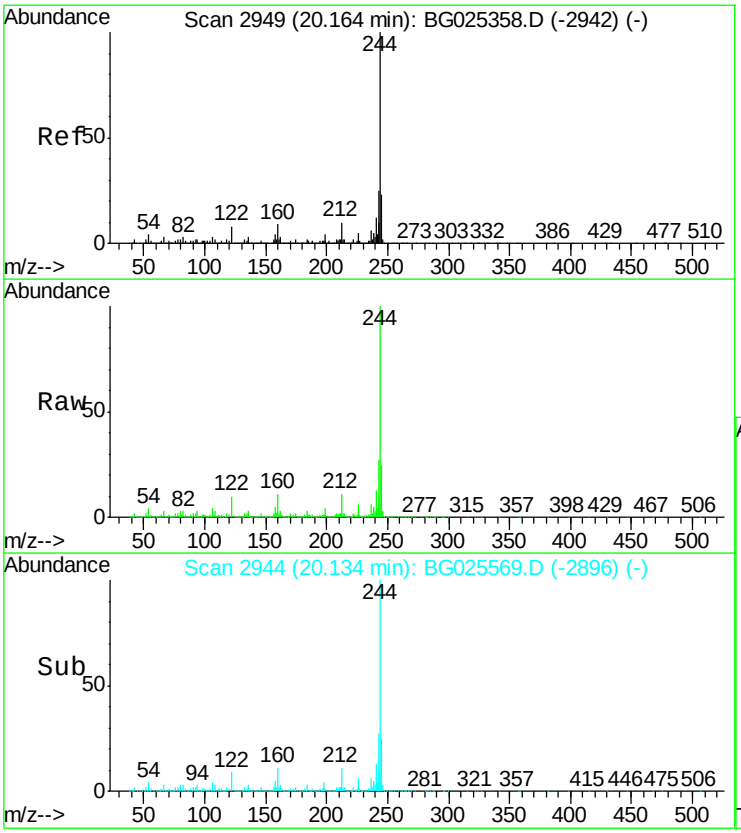

#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BG025569.D
Acq: 21 Jan 2017 12:03

**Instrument :**
BNA_G
**ClientSampleId :**
MW-21

Tgt Ion:240 Resp: 733681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 4.9 | 5.7 | 8.5# |
| 236 | 26.4 | 22.2 | 33.4 |

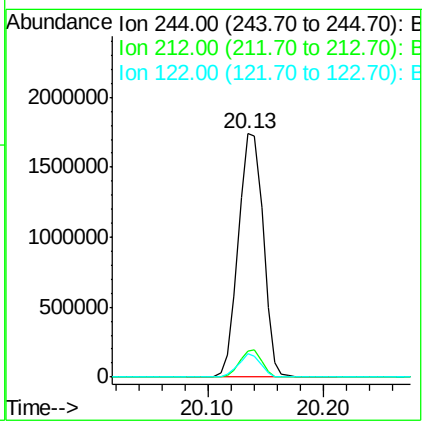


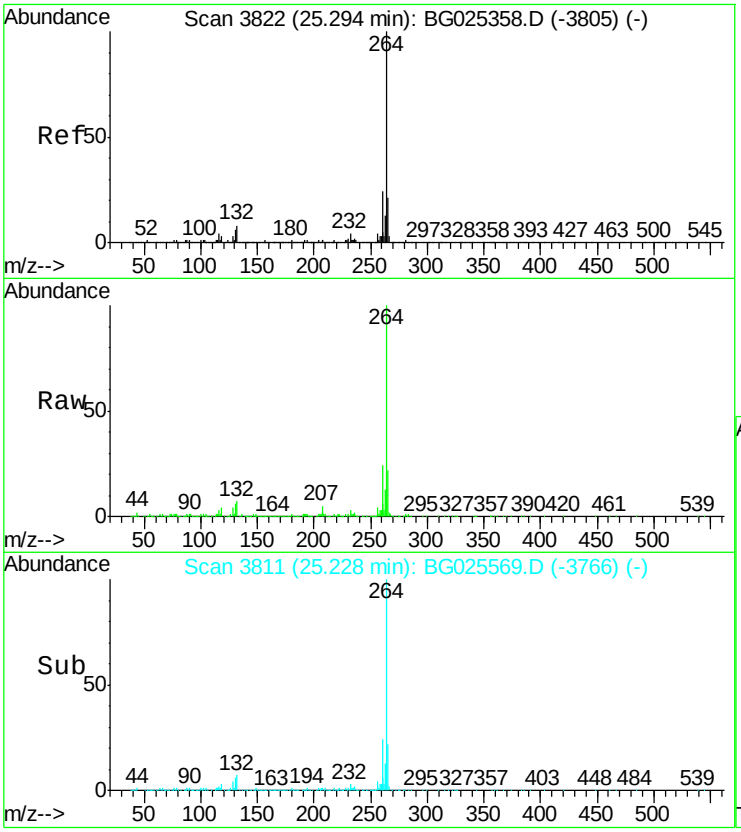




#78
Terphenyl-d14
Concen: 94.14 ng
RT: 20.13 min Scan# 2944
Delta R.T. -0.02 min
Lab File: BG025569.D
Acq: 21 Jan 2017 12:03

Tgt Ion:244 Resp: 2605034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 10.7 | 10.0 | 15.0 |
| 122 | 9.5 | 8.6 | 12.8 |






#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3811
Delta R.T. -0.04 min
Lab File: BG025569.D
Acq: 21 Jan 2017 12:03

**Instrument :**
BNA_G
**ClientSampleId :**
MW-21

Tgt Ion:264 Resp: 776908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 21.8 | 32.8 |
| 265 | 22.0 | 18.2 | 27.4 |