Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020617\
Data File : BG025809.D
Acq On : 6 Feb 2017 19:26
Operator : SJ/MA
Sample : PB96733TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB96733TB

Quant Time: Feb 07 01:20:51 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 18:29:38 2017
Response via : Initial Calibration

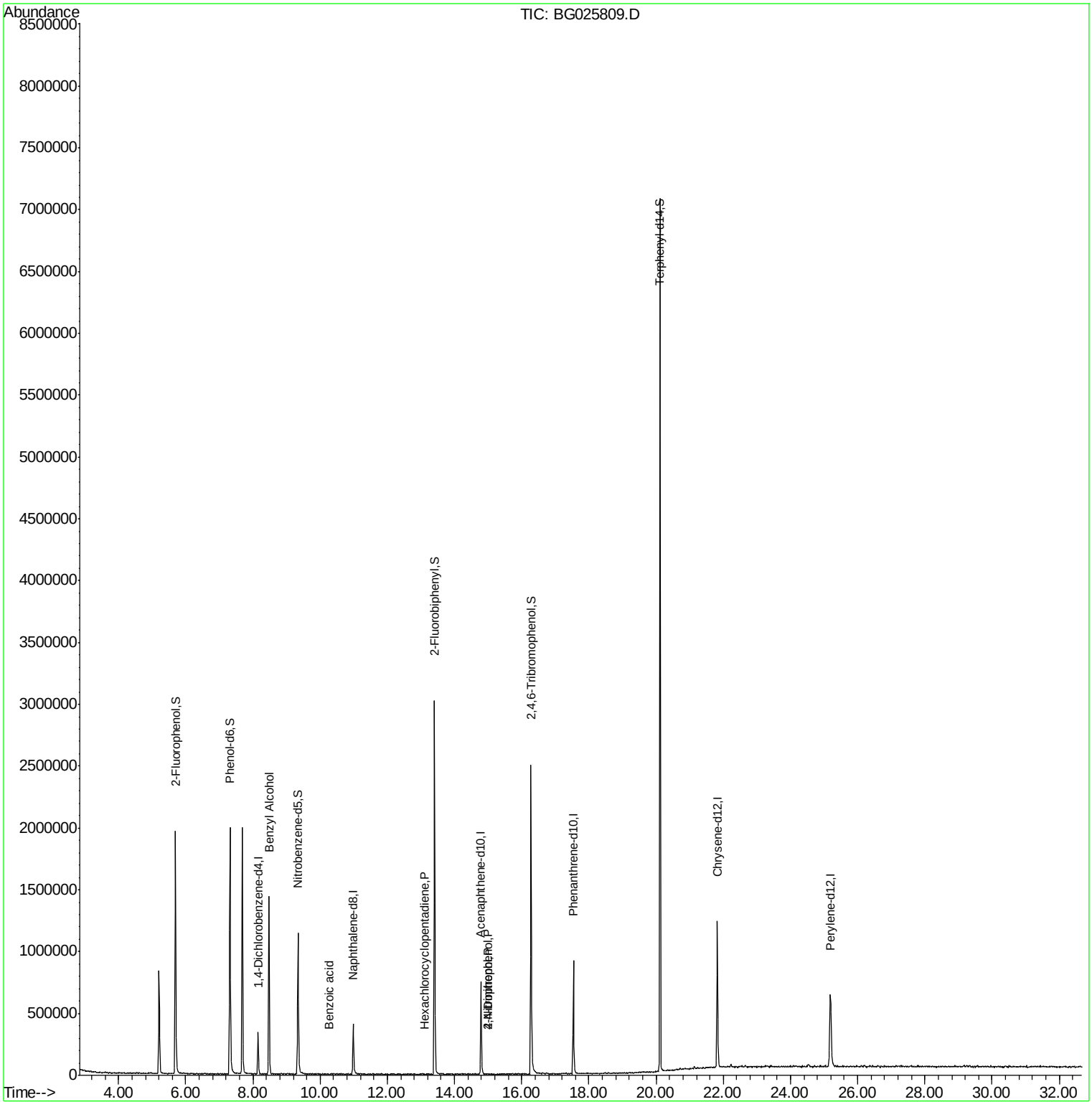
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.15 | 152 | 90090 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.98 | 136 | 372690 | 20.00 | ng | -0.01 |
| 38) Acenaphthene-d10 | 14.79 | 164 | 281381 | 20.00 | ng | -0.01 |
| 63) Phenanthrene-d10 | 17.54 | 188 | 619710 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.82 | 240 | 803296 | 20.00 | ng | -0.02 |
| 86) Perylene-d12 | 25.19 | 264 | 754478 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.69 | 112 | 808842 | 160.91 | ng | -0.01 |
| 7) Phenol-d6 | 7.32 | 99 | 1114302 | 151.78 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 9.34 | 82 | 781389 | 88.59 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 16.28 | 330 | 504959 | 125.84 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 13.40 | 172 | 1585785 | 91.53 | ng | -0.02 |
| 78) Terphenyl-d14 | 20.12 | 244 | 2666576 | 80.12 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 15) Benzyl Alcohol | 8.48 | 79 | 14951 | 2.36 | ng | # 45 |
| 32) Benzoic acid | 10.28 | 122 | 69 | 7.90 | ng | # 1 |
| 40) Hexachlorocyclopentadiene | 13.10 | 237 | 54 | 10.70 | ng | # 29 |
| 53) 2,4-Dinitrophenol | 14.98 | 184 | 79 | 9.47 | ng | # 70 |
| 55) 4-Nitrophenol | 15.01 | 139 | 69 | 5.60 | ng | # 1 |

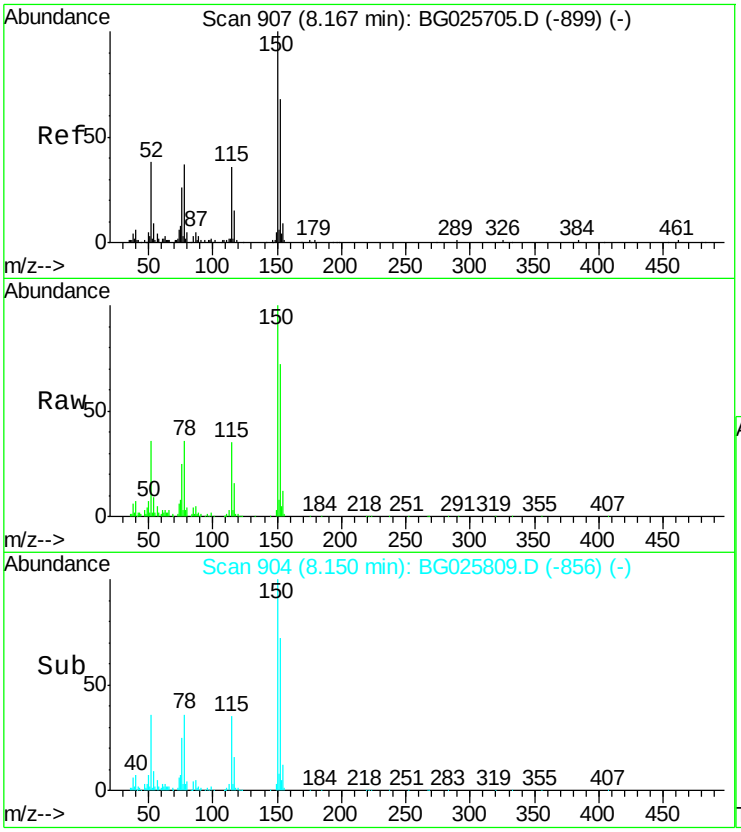
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020617\
Data File : BG025809.D
Acq On : 6 Feb 2017 19:26
Operator : SJ/MA
Sample : PB96733TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PB96733TB

Quant Time: Feb 07 01:20:51 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 18:29:38 2017
Response via : Initial Calibration



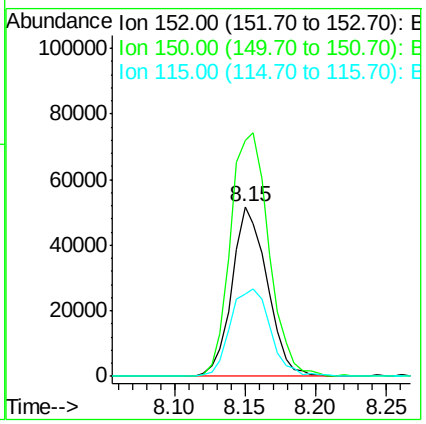


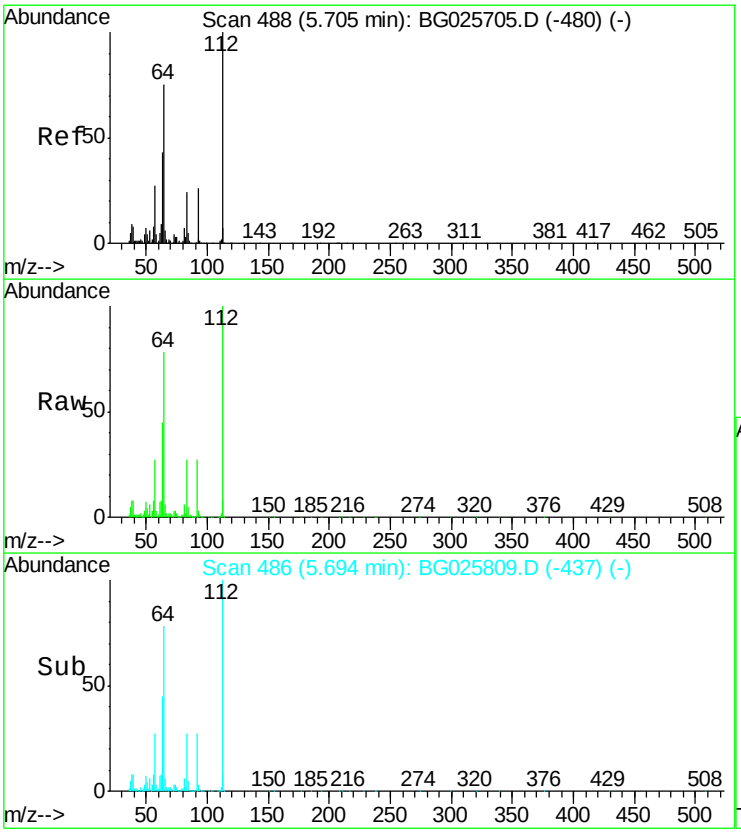

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.02 min
Lab File: BG025809.D
Acq: 6 Feb 2017 19:26

**Instrument :**
BNA_G
**ClientSampleId :**
PB96733TB

Tgt Ion:152 Resp: 90090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 138.8 | 114.0 | 171.0 |
| 115 | 48.5 | 48.1 | 72.1 |

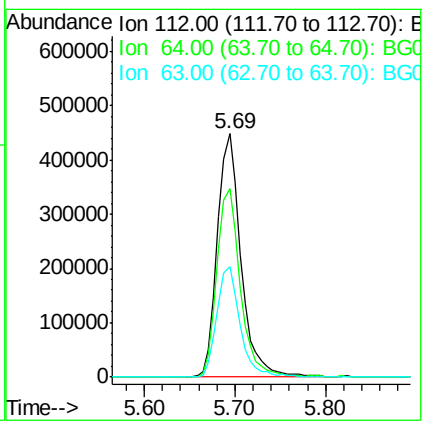


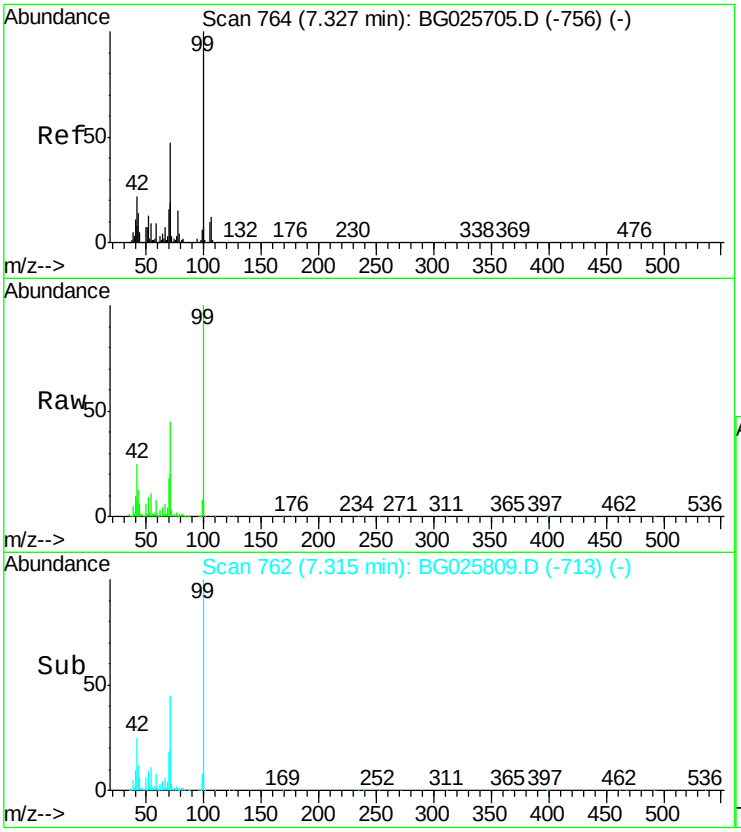




#5
2-Fluorophenol
Concen: 160.91 ng
RT: 5.69 min Scan# 486
Delta R.T. -0.01 min
Lab File: BG025809.D
Acq: 6 Feb 2017 19:26

Tgt Ion:112 Resp: 808842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 77.7 | 61.8 | 92.6 |
| 63 | 45.2 | 37.2 | 55.8 |



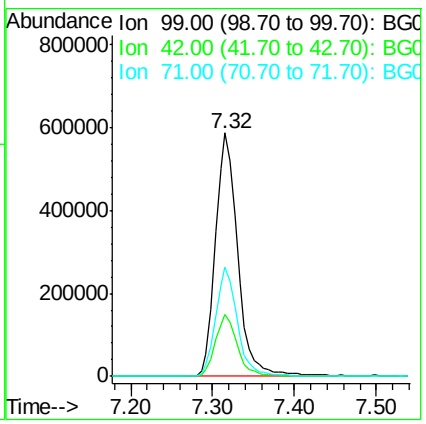


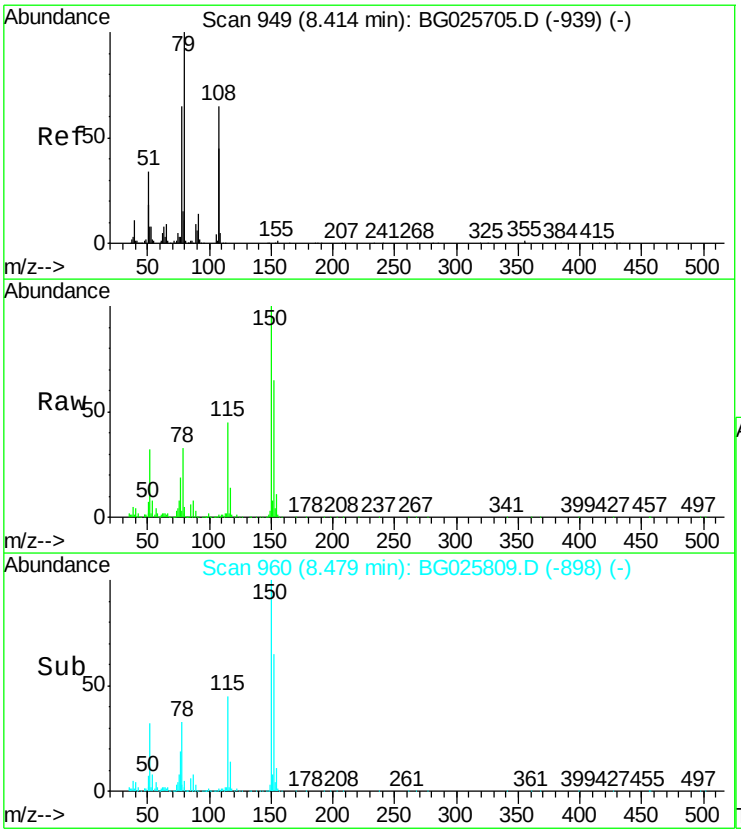

#7
Phenol-d6
Concen: 151.78 ng
RT: 7.32 min Scan# 762
Delta R.T. -0.01 min
Lab File: BG025809.D
Acq: 6 Feb 2017 19:26

**Instrument :**
BNA_G
**ClientSampleId :**
PB96733TB

Tgt Ion: 99 Resp: 1114302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 25.2 | 20.5 | 30.7 |
| 71 | 44.8 | 37.6 | 56.4 |

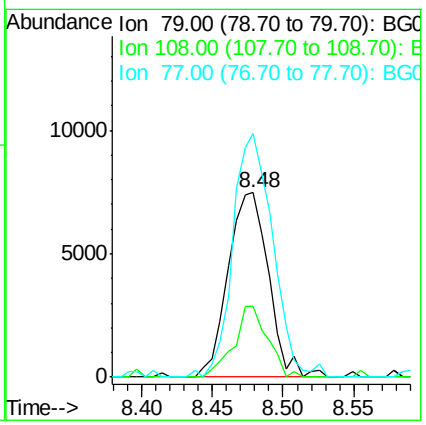


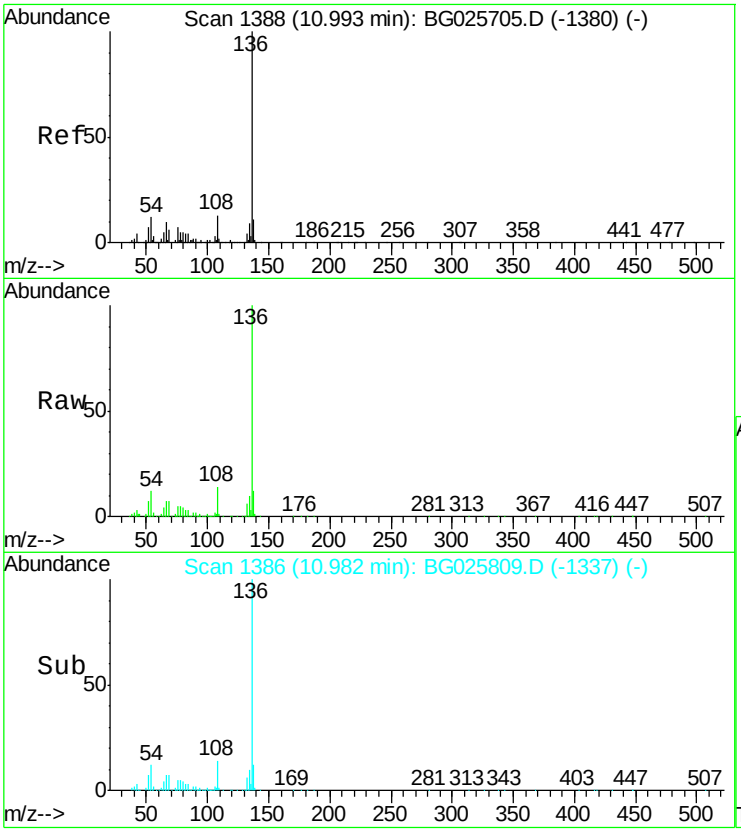




#15
Benzyl Alcohol
Concen: 2.36 ng
RT: 8.48 min Scan# 960
Delta R.T. 0.06 min
Lab File: BG025809.D
Acq: 6 Feb 2017 19:26

Tgt Ion: 79 Resp: 14951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 38.4 | 45.5 | 68.3# |
| 77 | 132.0 | 54.3 | 81.5# |



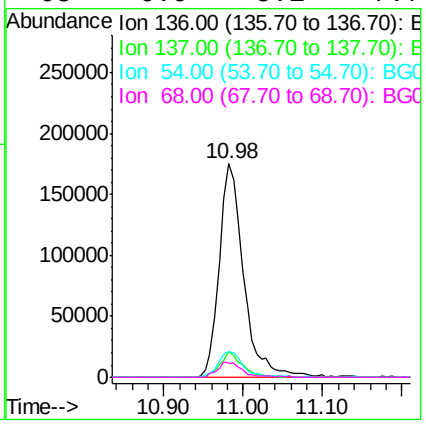


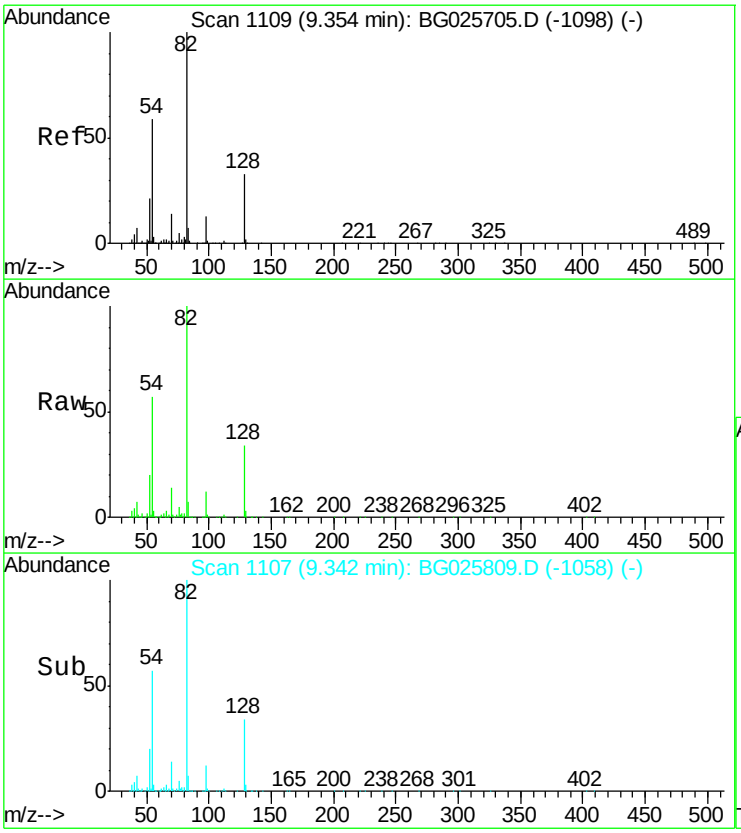

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG025809.D
Acq: 6 Feb 2017 19:26

**Instrument :**
BNA_G
**ClientSampleId :**
PB96733TB

Tgt Ion:136 Resp: 372690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.8 | 8.9 | 13.3 |
| 54 | 11.7 | 9.3 | 13.9 |
| 68 | 6.9 | 5.1 | 7.7 |

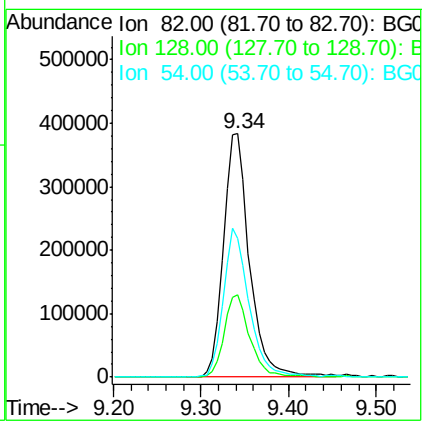


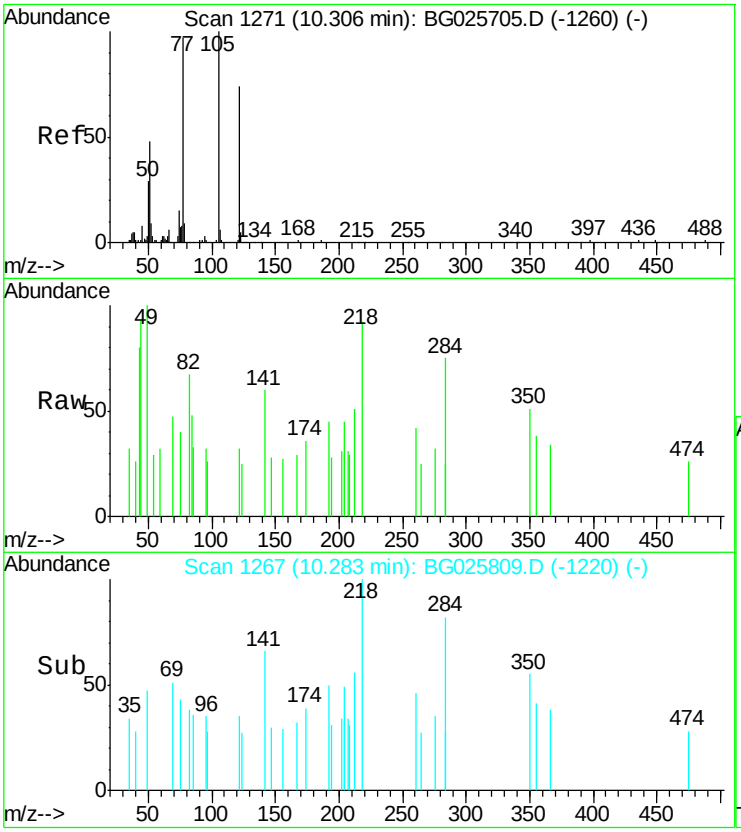




#23
Nitrobenzene-d5
Concen: 88.59 ng
RT: 9.34 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BG025809.D
Acq: 6 Feb 2017 19:26

Tgt Ion: 82 Resp: 781389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 33.7 | 26.4 | 39.6 |
| 54 | 57.0 | 49.4 | 74.2 |



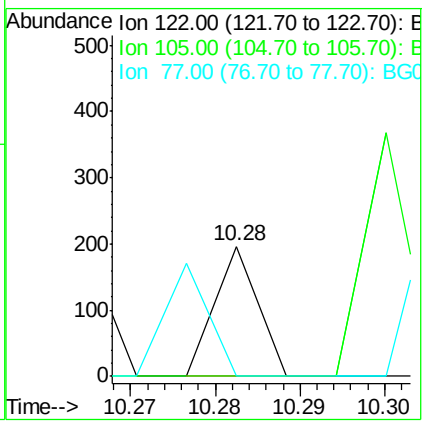


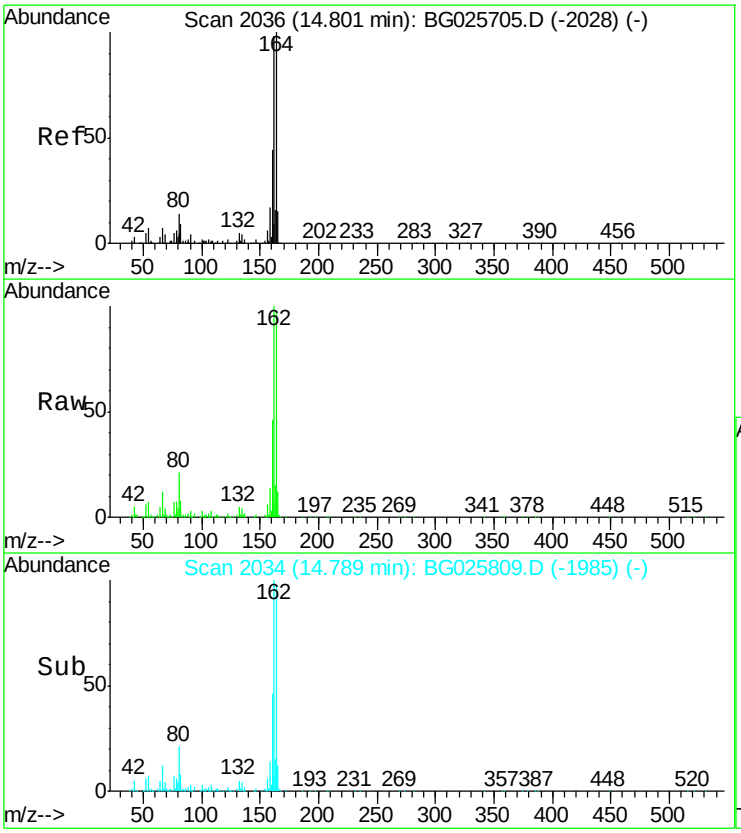

#32
Benzoic acid
Concen: 7.90 ng
RT: 10.28 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BG025809.D
Acq: 6 Feb 2017 19:26

**Instrument :**
BNA_G
**ClientSampleId :**
PB96733TB

Tgt Ion:122 Resp: 69

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 0.0 | 120.1 | 160.1# |
| 77 | 0.0 | 104.6 | 144.6# |

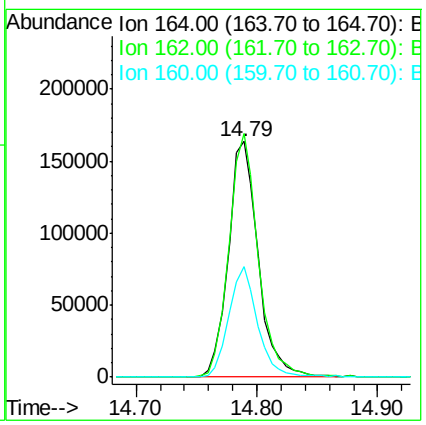


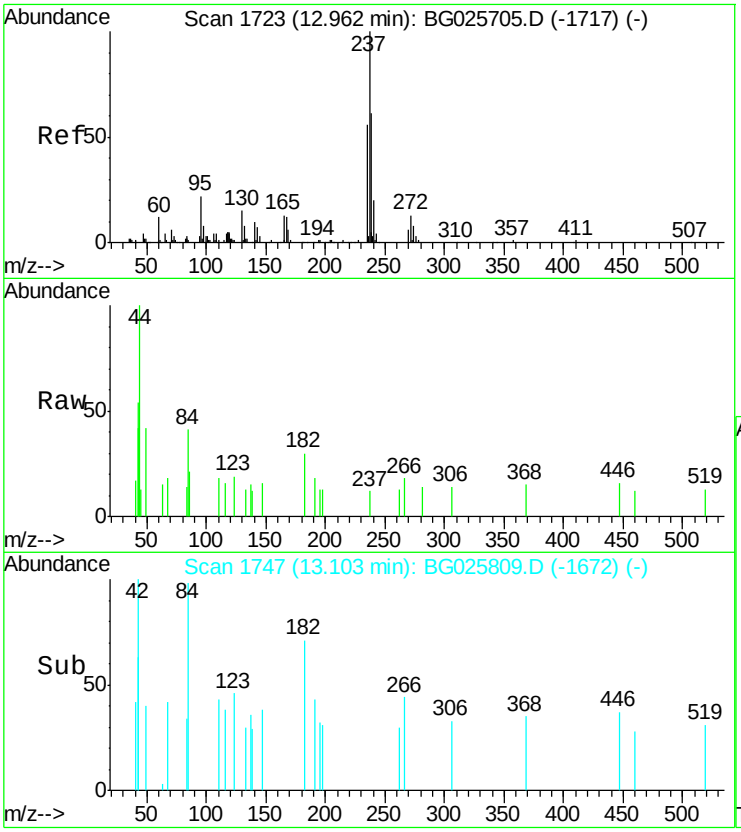




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG025809.D
Acq: 6 Feb 2017 19:26

Tgt Ion:164 Resp: 281381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.3 | 85.1 | 127.7 |
| 160 | 47.1 | 34.7 | 52.1 |



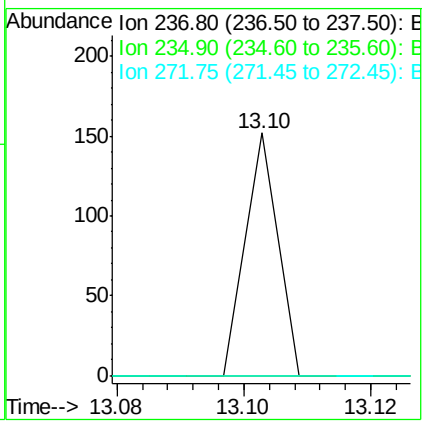


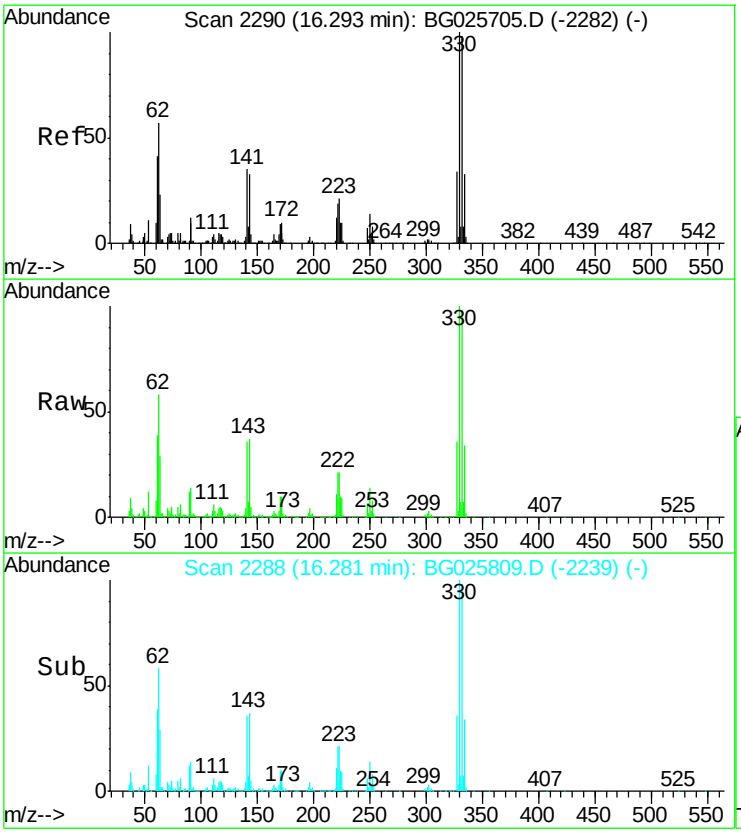

#40
Hexachlorocyclopentadiene
Concen: 10.70 ng
RT: 13.10 min Scan# 1747
Delta R.T. 0.14 min
Lab File: BG025809.D
Acq: 6 Feb 2017 19:26

**Instrument :**
BNA_G
**ClientSampleId :**
PB96733TB

Tgt Ion:237 Resp: 54

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

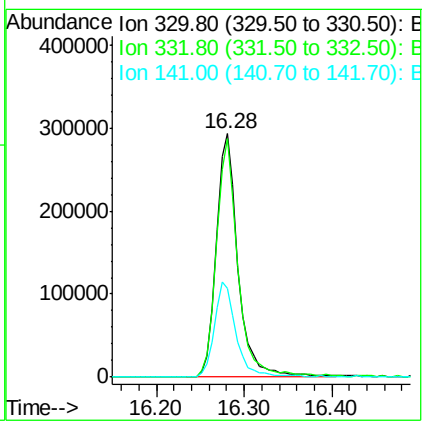


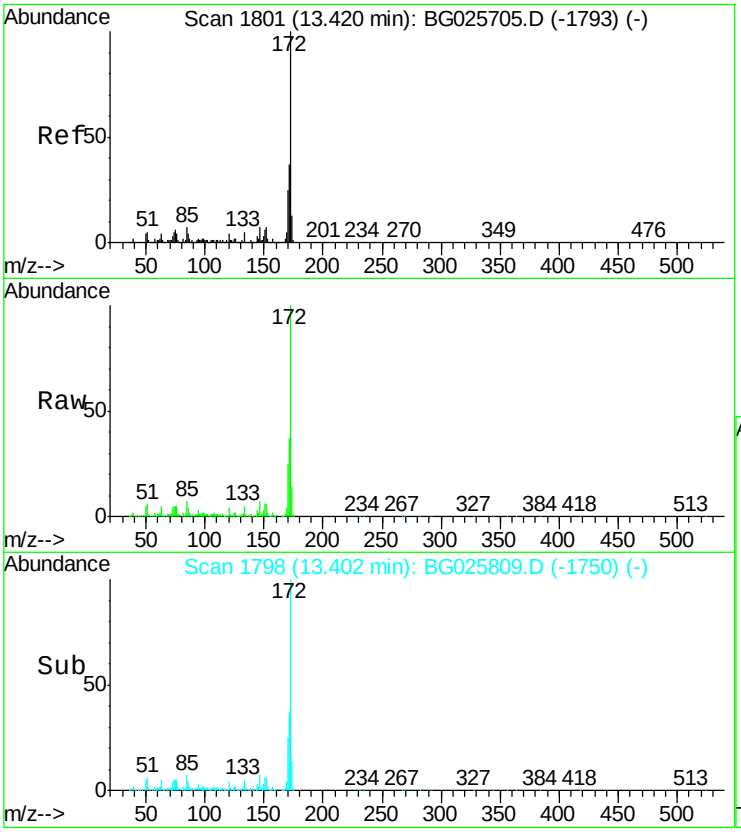




#41
2,4,6-Tribromophenol
Concen: 125.84 ng
RT: 16.28 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BG025809.D
Acq: 6 Feb 2017 19:26

Tgt Ion:330 Resp: 504959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 77.3 | 115.9 |
| 141 | 38.9 | 32.1 | 48.1 |



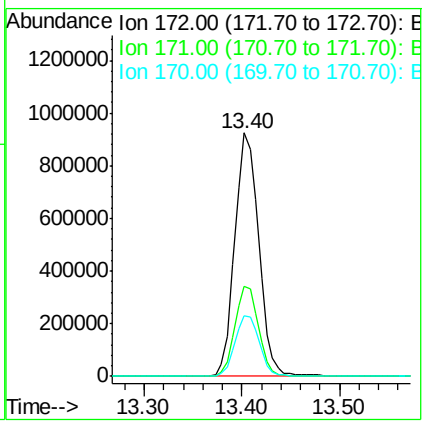


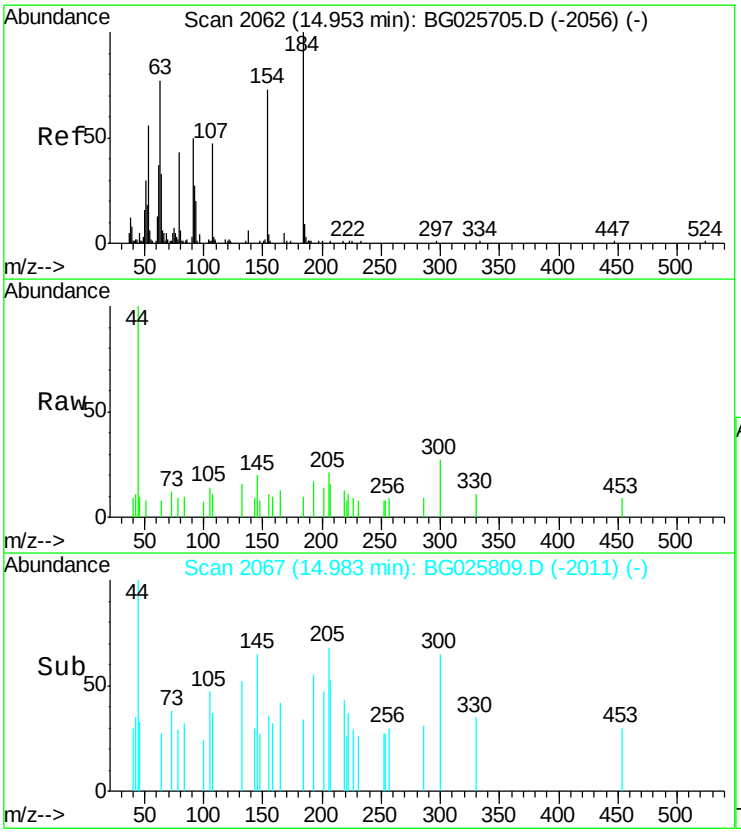

#44
2-Fluorobiphenyl
Concen: 91.53 ng
RT: 13.40 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BG025809.D
Acq: 6 Feb 2017 19:26

**Instrument :**
BNA_G
**ClientSampleId :**
PB96733TB

Tgt Ion:172 Resp: 1585785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.9 | 32.2 | 48.2 |
| 170 | 24.8 | 21.8 | 32.6 |

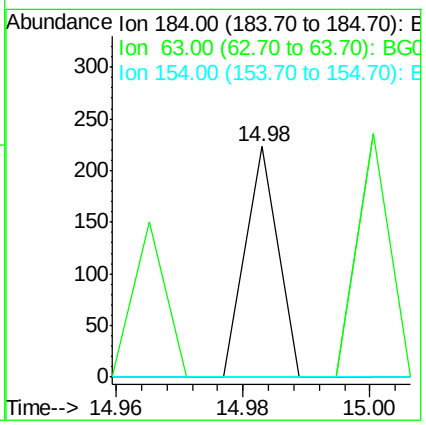


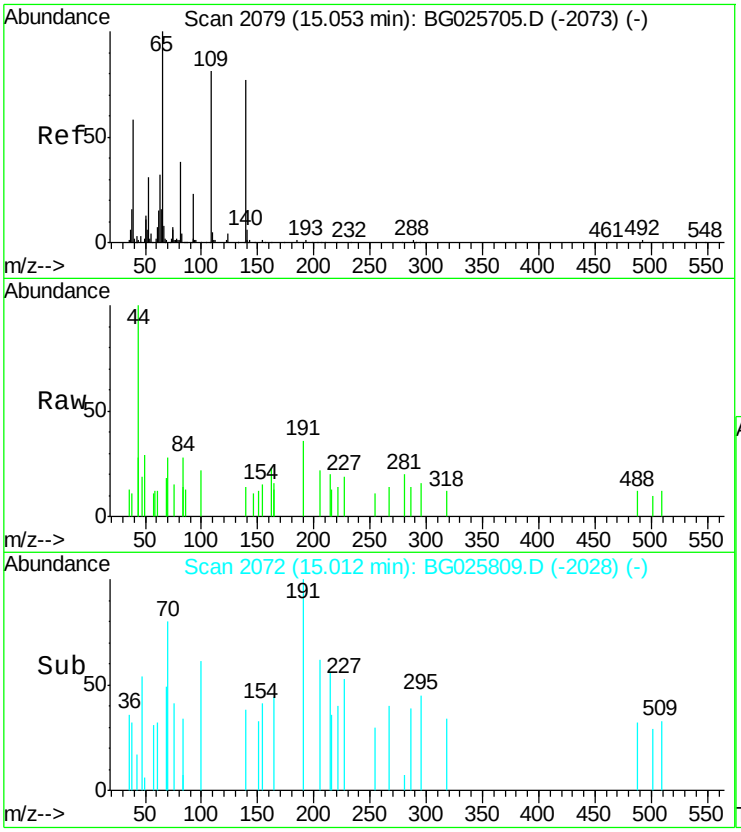




#53
2,4-Dinitrophenol
Concen: 9.47 ng
RT: 14.98 min Scan# 2067
Delta R.T. 0.03 min
Lab File: BG025809.D
Acq: 6 Feb 2017 19:26

Tgt Ion:184 Resp: 79

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 78.5 | 52.7 | 79.1 |
| 154 | 106.7 | 57.3 | 85.9# |



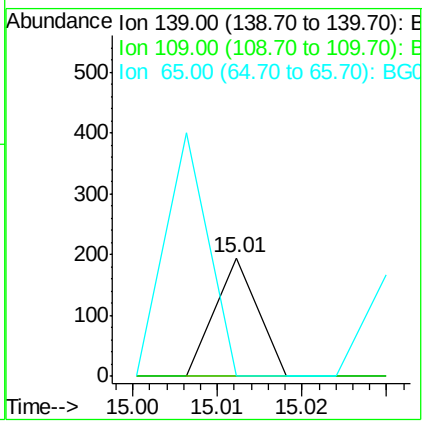


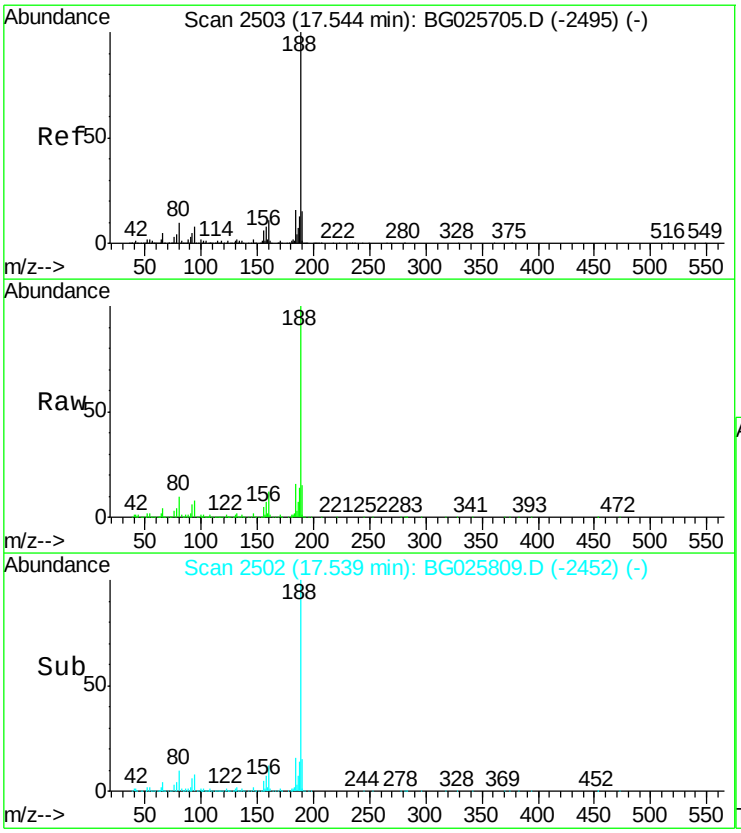

#55
4-Nitrophenol
Concen: 5.60 ng
RT: 15.01 min Scan# 2072
Delta R.T. -0.04 min
Lab File: BG025809.D
Acq: 6 Feb 2017 19:26

**Instrument :**
BNA_G
**ClientSampleId :**
PB96733TB

Tgt Ion:139 Resp: 69

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 0.0 | 101.2 | 141.2# |
| 65 | 0.0 | 135.3 | 175.3# |

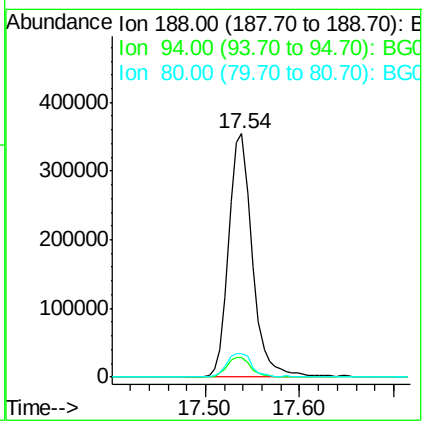


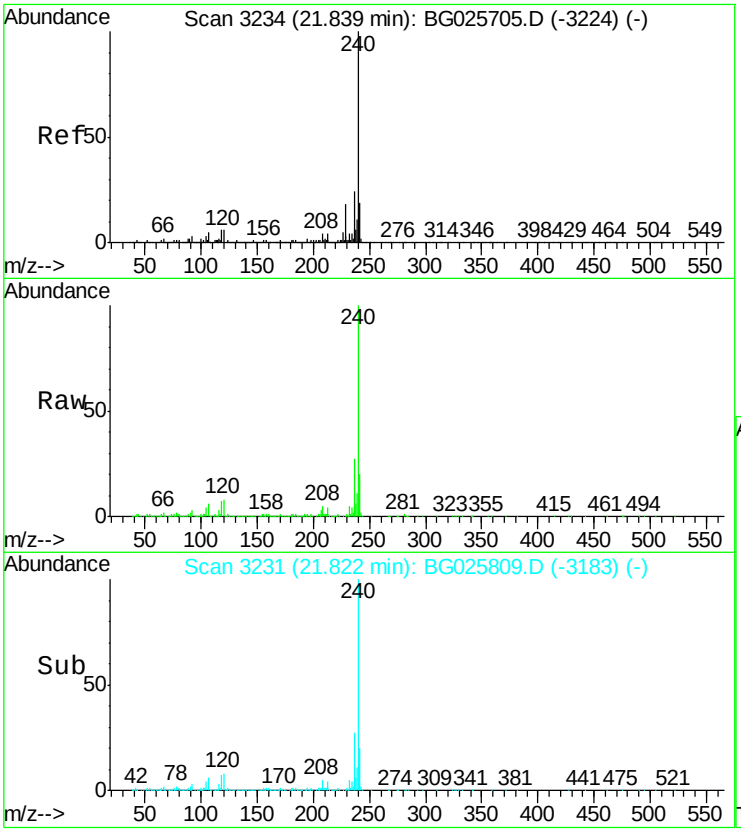




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BG025809.D
Acq: 6 Feb 2017 19:26

Tgt Ion:188 Resp: 619710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.1 | 5.8 | 8.8 |
| 80 | 9.8 | 7.5 | 11.3 |



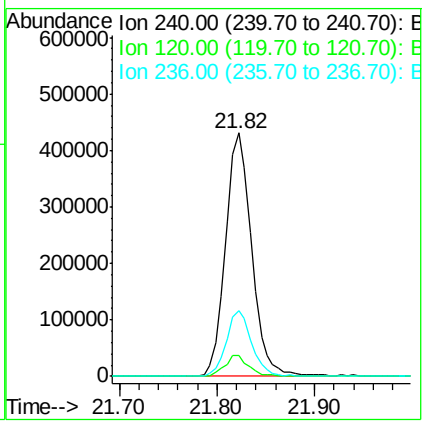


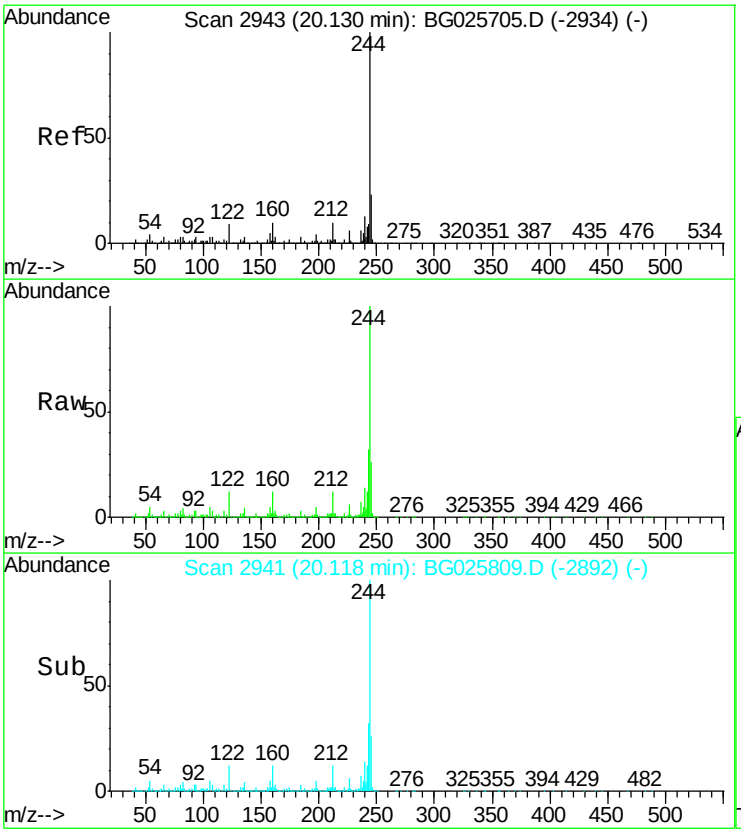

#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.02 min
Lab File: BG025809.D
Acq: 6 Feb 2017 19:26

**Instrument :**
BNA_G
**ClientSampleId :**
PB96733TB

Tgt Ion:240 Resp: 803296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.4 | 5.7 | 8.5 |
| 236 | 27.2 | 22.2 | 33.4 |

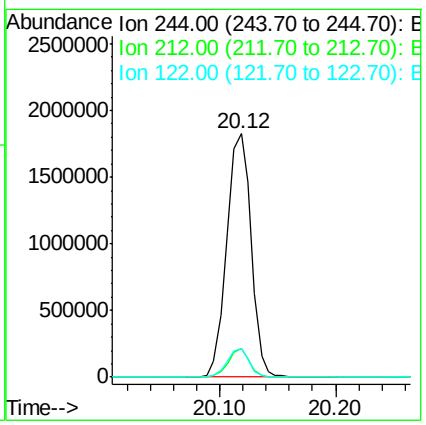


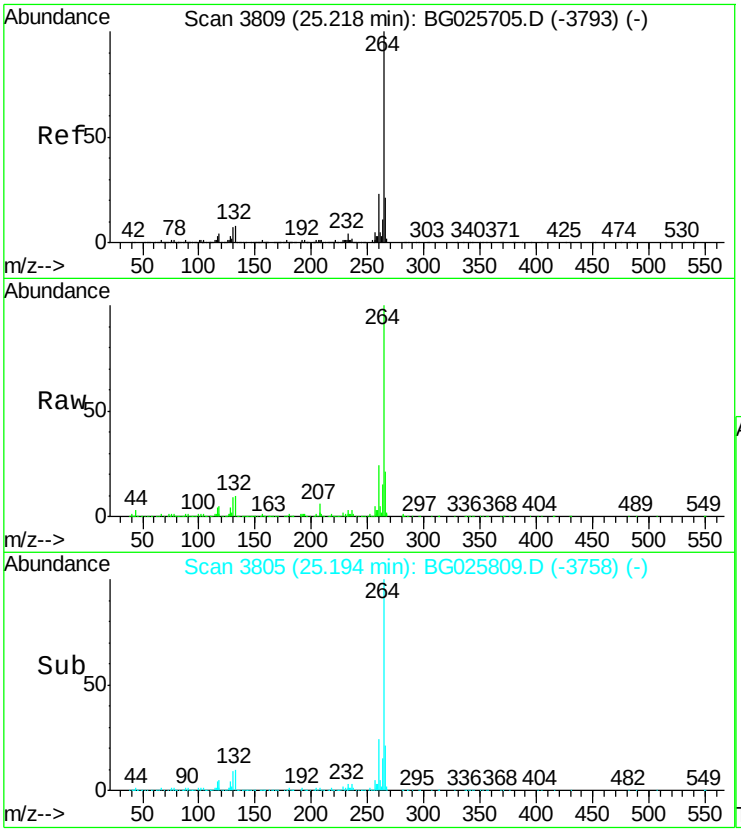




#78
Terphenyl-d14
Concen: 80.12 ng
RT: 20.12 min Scan# 2941
Delta R.T. -0.01 min
Lab File: BG025809.D
Acq: 6 Feb 2017 19:26

Tgt Ion:244 Resp: 2666576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 11.8 | 10.0 | 15.0 |
| 122 | 11.9 | 8.6 | 12.8 |






#86
Perylene-d12
Concen: 20.00 ng
RT: 25.19 min Scan# 3805
Delta R.T. -0.02 min
Lab File: BG025809.D
Acq: 6 Feb 2017 19:26

**Instrument :**
BNA_G
**ClientSampleId :**
PB96733TB

Tgt Ion:264 Resp: 754478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 21.8 | 32.8 |
| 265 | 20.9 | 18.2 | 27.4 |