Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045198.D
Acq On : 28 Apr 2020 23:33
Operator : CG/JU
Sample : L2428-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Apr 29 01:20:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 14:34:23 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.99 | 152 | 61368 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.79 | 136 | 256126 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.63 | 164 | 195592 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.37 | 188 | 472118 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.64 | 240 | 437868 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 24.82 | 264 | 485639 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.56 | 112 | 288257 | 77.55 | ng | | 0.00 |
| 7) Phenol-d6 | 7.15 | 99 | 435992 | 78.94 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.15 | 82 | 300814 | 53.59 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.12 | 330 | 262703 | 86.94 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.25 | 172 | 776636 | 58.22 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.99 | 244 | 1364060 | 67.90 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 7.11 | 77 | 204 | Below Cal | | # | 4 |
| 19) n-Nitroso-di-n-propylamine | 9.14 | 70 | 40769 | 10.438 | ng | # | 79 |
| 32) Benzoic acid | 10.13 | 122 | 61 | 6.390 | ng | # | 1 |
| 50) Dimethylphthalate | 14.08 | 163 | 92805 | 5.827 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 14.63 | 165 | 25358 | 4.871 | ng | # | 23 |
| 67) 4-Bromophenyl-phenylether | 16.12 | 248 | 17184 | 2.821 | ng | # | 1 |
| 69) Atrazine | 16.83 | 200 | 57 | Below Cal | | # | 35 |
| 74) Di-n-butylphthalate | 18.34 | 149 | 1213 | Below Cal | | # | 76 |
| 75) Fluoranthene | 19.42 | 202 | 2788 | Below Cal | | | 84 |
| 77) Benzidine | 19.99 | 184 | 23176 | Below Cal | | # | 90 |

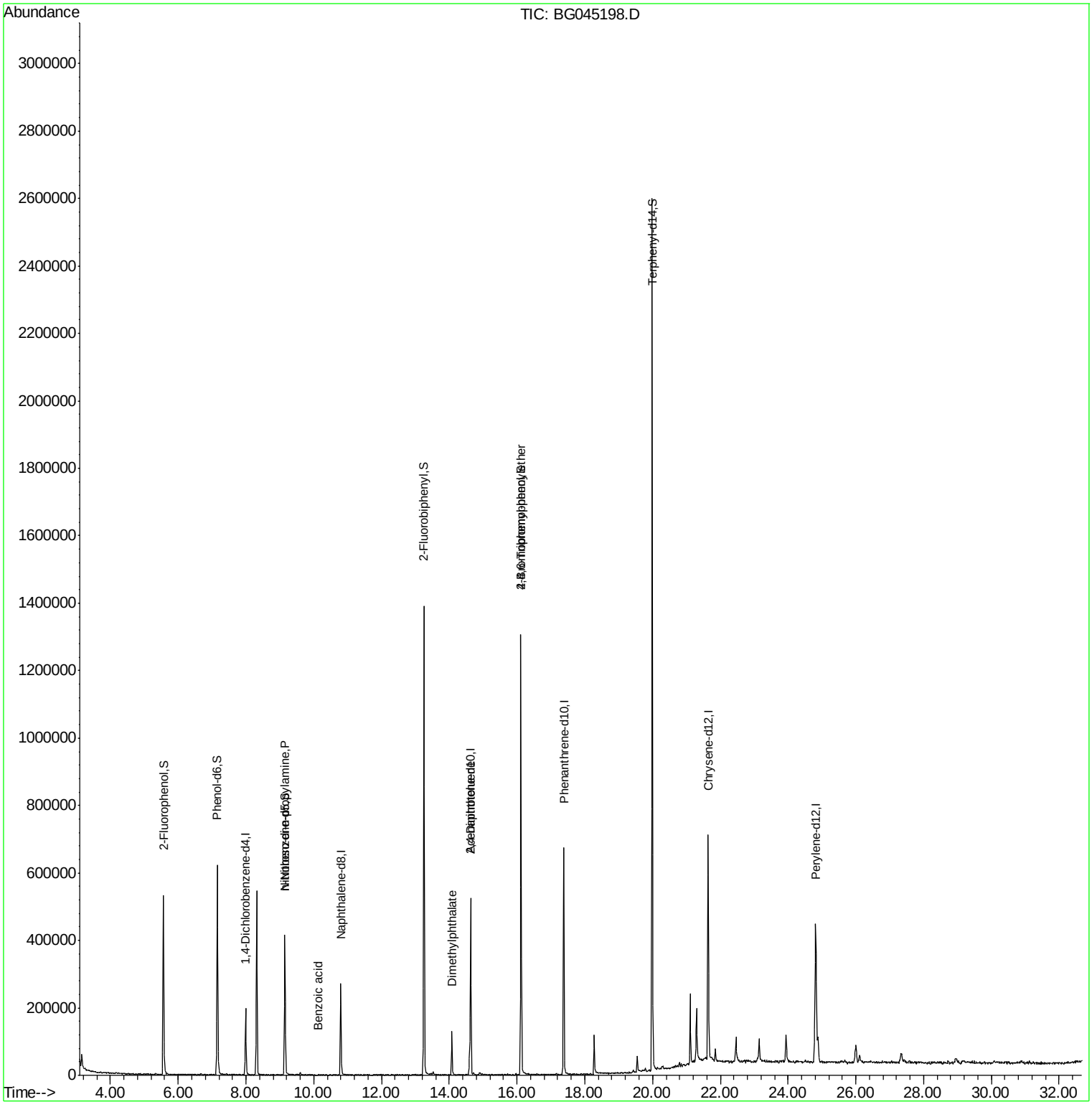
(#) = qualifier out of range (m) = manual integration (+) = signals summed

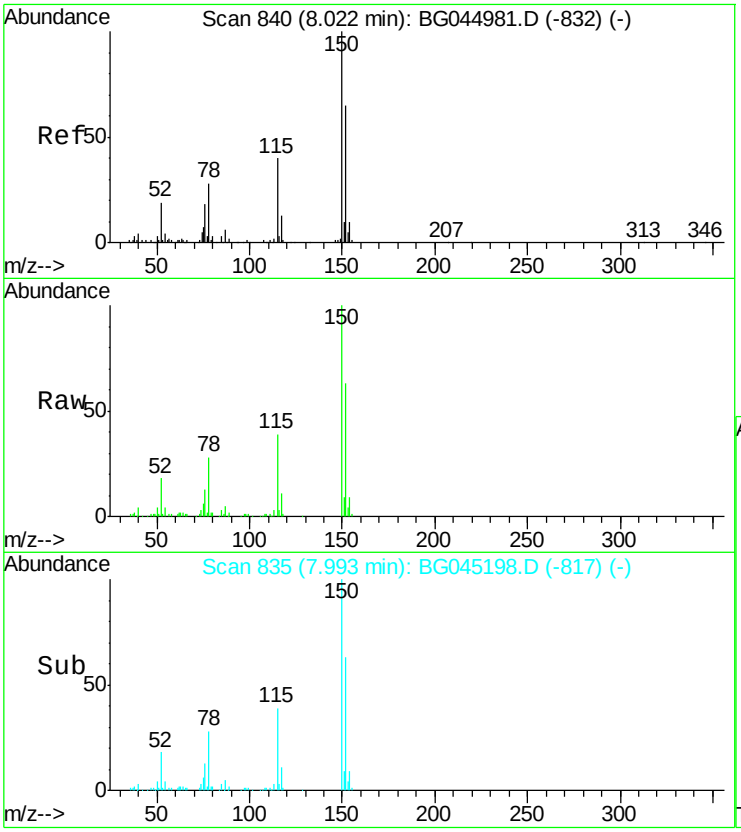
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045198.D
Acq On : 28 Apr 2020 23:33
Operator : CG/JU
Sample : L2428-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Apr 29 01:20:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 14:34:23 2020
Response via : Initial Calibration



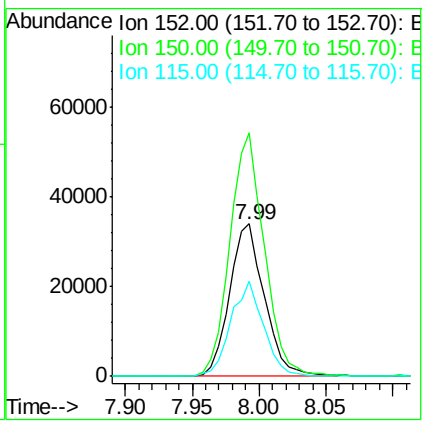


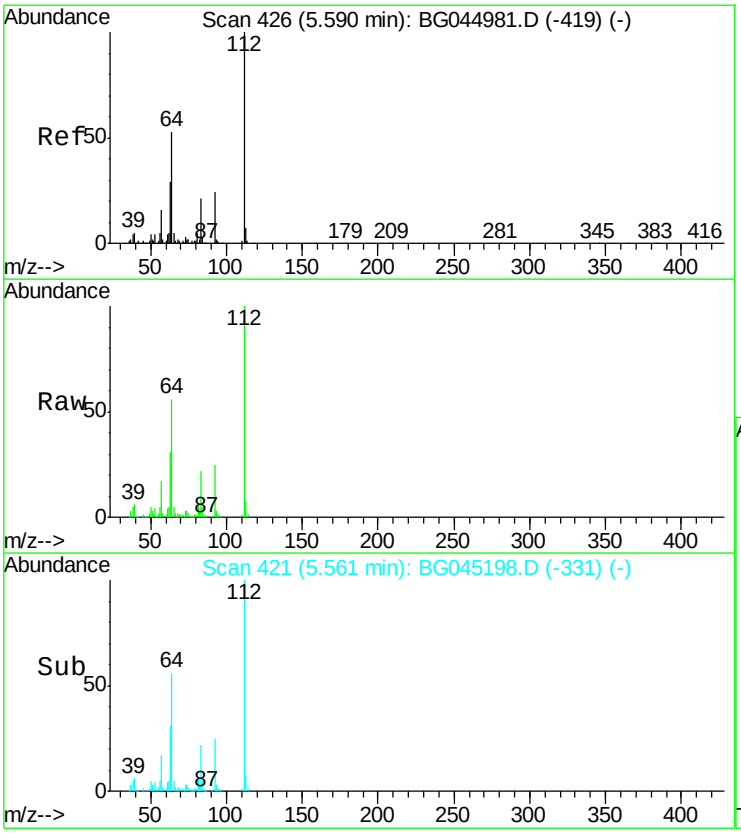

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.00 min
Lab File: BG045198.D
Acq: 28 Apr 2020 23:33

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

Tgt Ion:152 Resp: 61368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.5 | 123.6 | 185.4 |
| 115 | 62.0 | 49.1 | 73.7 |

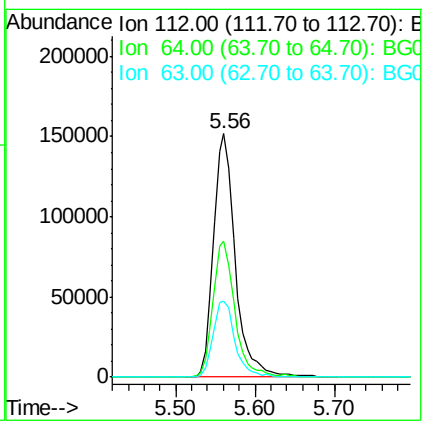


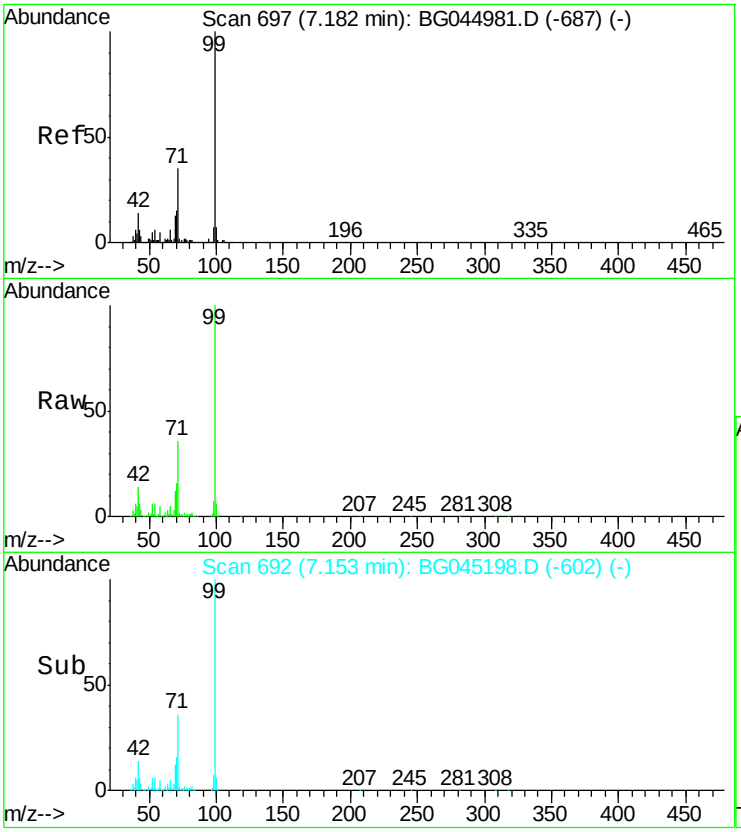




#5
2-Fluorophenol
Concen: 77.548 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG045198.D
Acq: 28 Apr 2020 23:33

Tgt Ion:112 Resp: 288257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.9 | 42.4 | 63.6 |
| 63 | 31.0 | 23.1 | 34.7 |



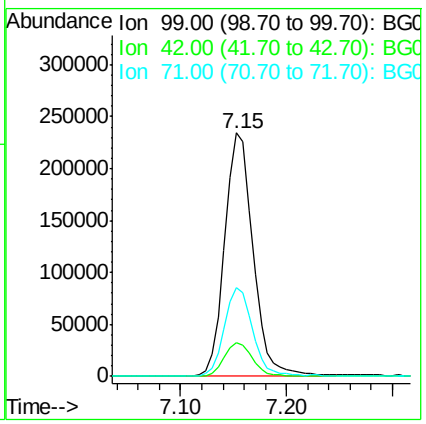


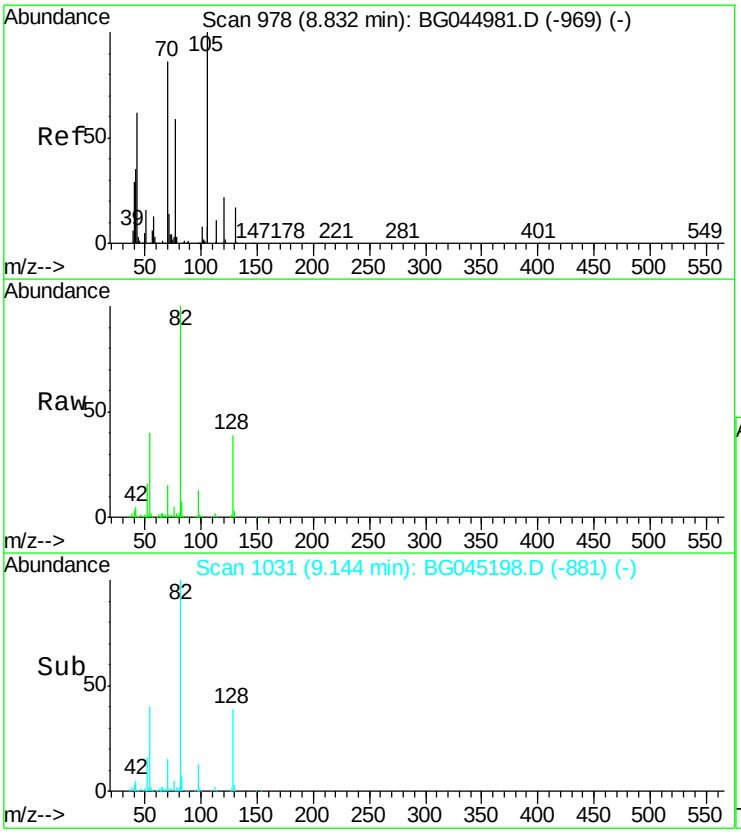

#7
Phenol-d6
Concen: 78.945 ng
RT: 7.15 min Scan# 692
Delta R.T. -0.00 min
Lab File: BG045198.D
Acq: 28 Apr 2020 23:33

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

Tgt Ion: 99 Resp: 435992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 13.8 | 11.3 | 16.9 |
| 71 | 36.3 | 28.3 | 42.5 |

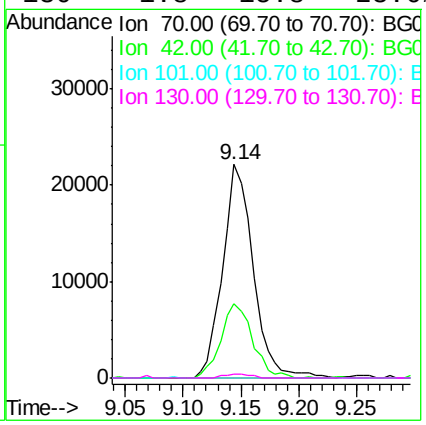


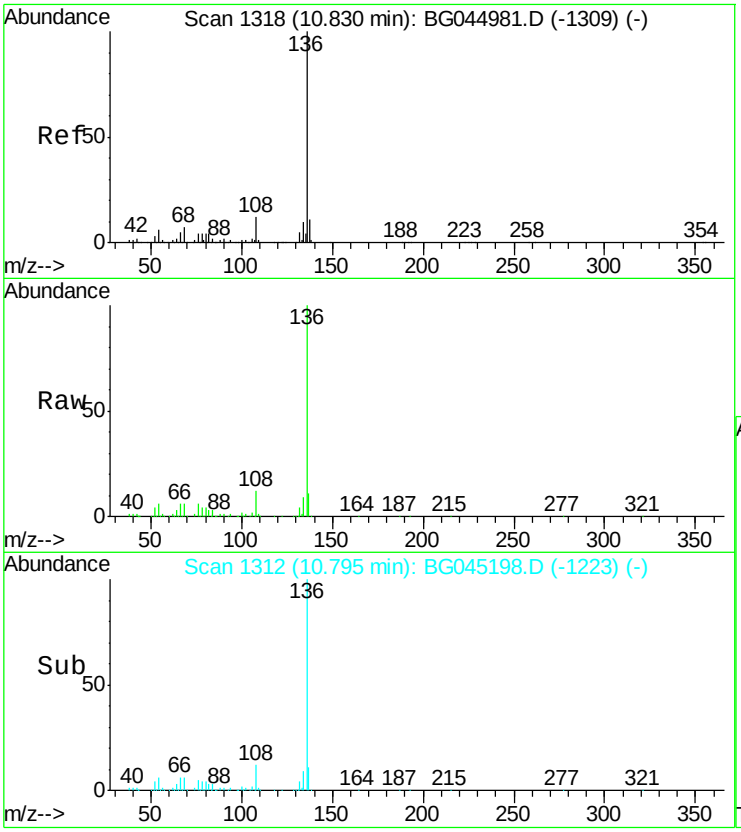




#19
n-Nitroso-di-n-propylamine
Concen: 10.438 ng
RT: 9.14 min Scan# 1031
Delta R.T. 0.35 min
Lab File: BG045198.D
Acq: 28 Apr 2020 23:33

Tgt Ion: 70 Resp: 40769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 34.8 | 33.3 | 49.9 |
| 101 | 0.0 | 7.8 | 11.8# |
| 130 | 1.8 | 15.8 | 23.6# |



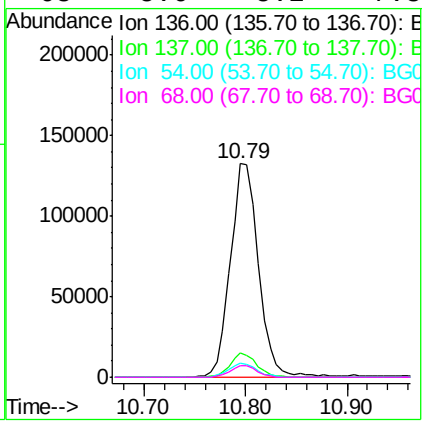


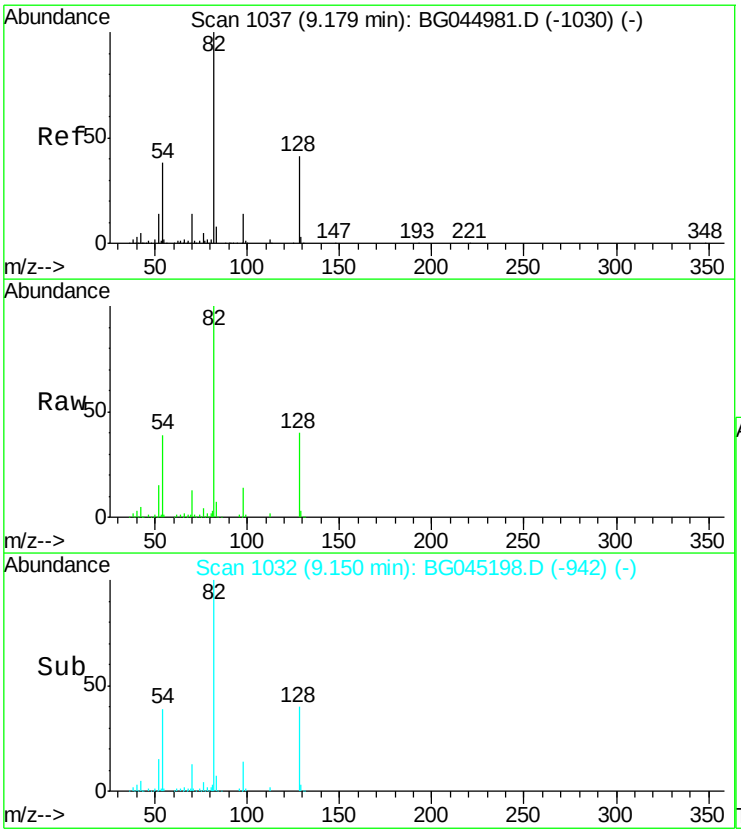

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG045198.D
Acq: 28 Apr 2020 23:33

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

Tgt Ion:136 Resp: 256126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.5 | 8.6 | 13.0 |
| 54 | 6.5 | 4.8 | 7.2 |
| 68 | 5.6 | 5.2 | 7.8 |

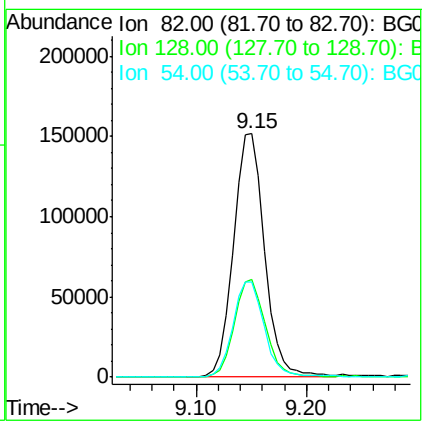


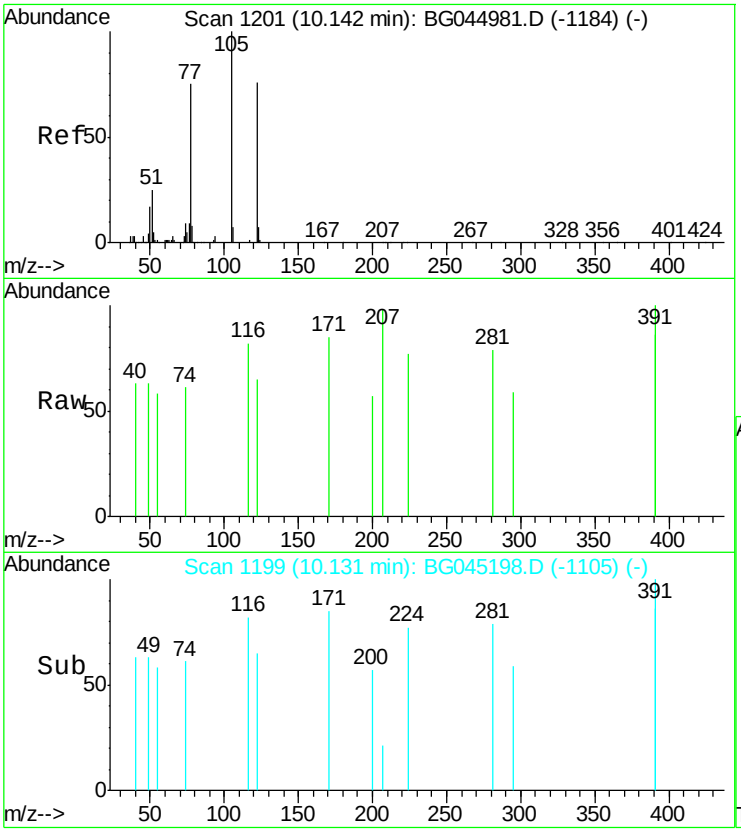




#23
Nitrobenzene-d5
Concen: 53.590 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG045198.D
Acq: 28 Apr 2020 23:33

Tgt Ion: 82 Resp: 300814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.1 | 33.0 | 49.4 |
| 54 | 39.3 | 30.4 | 45.6 |



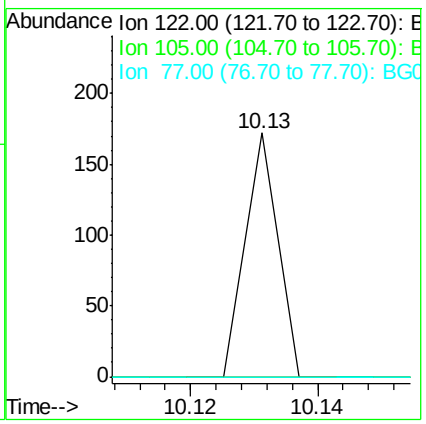


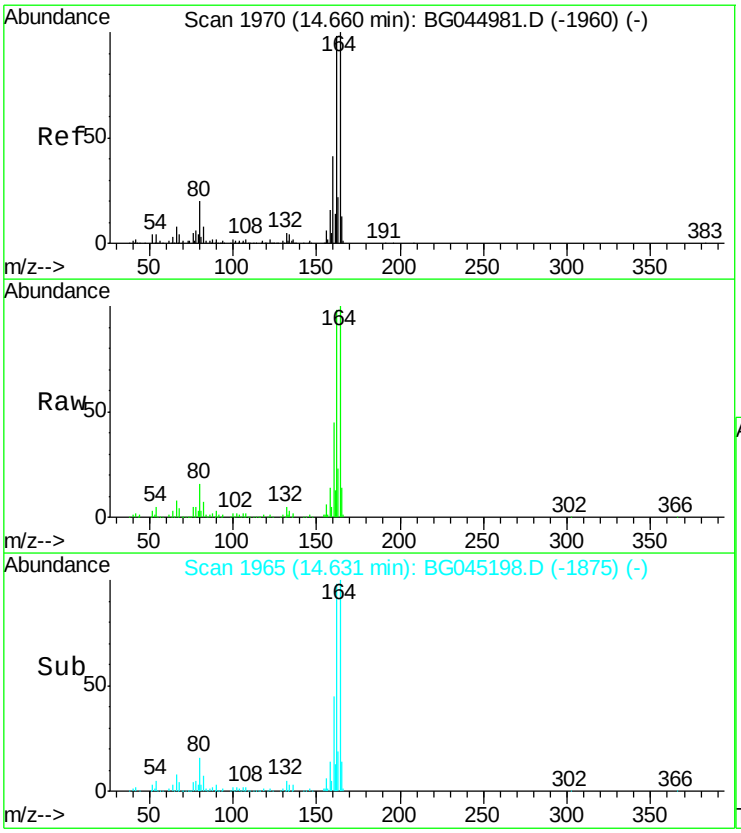

#32
Benzoic acid
Concen: 6.390 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.02 min
Lab File: BG045198.D
Acq: 28 Apr 2020 23:33

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

Tgt Ion:122 Resp: 61

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 0.0 | 108.4 | 148.4# |
| 77 | 0.0 | 78.8 | 118.8# |

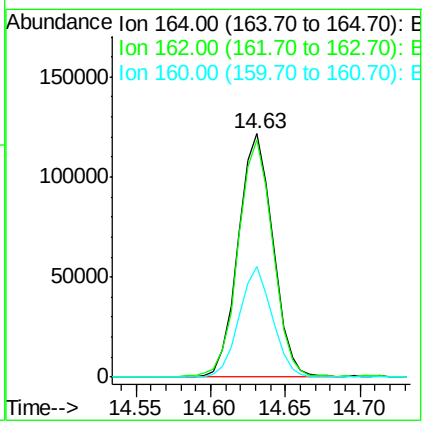


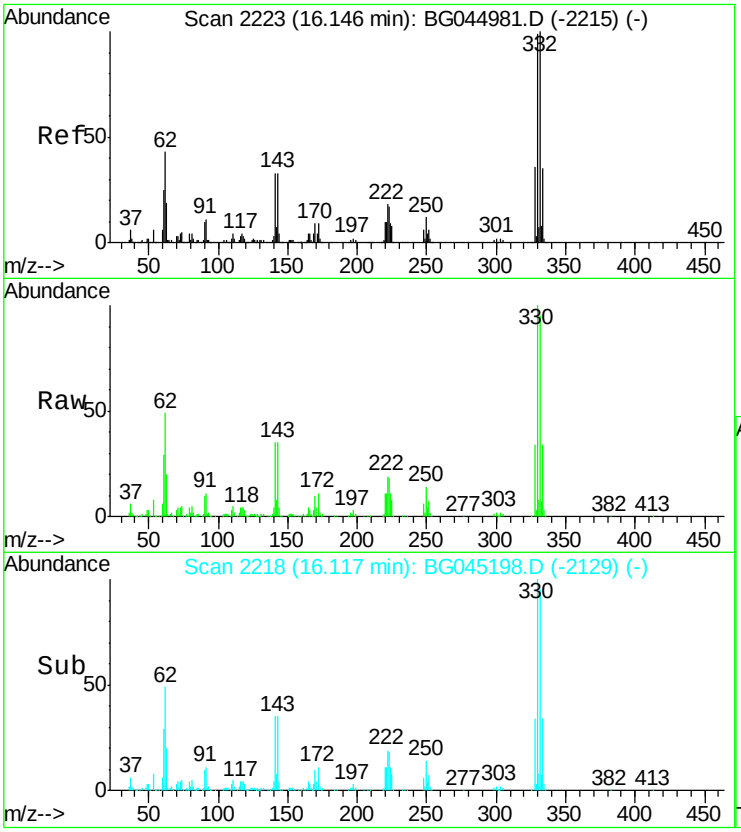




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG045198.D
Acq: 28 Apr 2020 23:33

Tgt Ion:164 Resp: 195592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.5 | 78.7 | 118.1 |
| 160 | 45.2 | 32.8 | 49.2 |



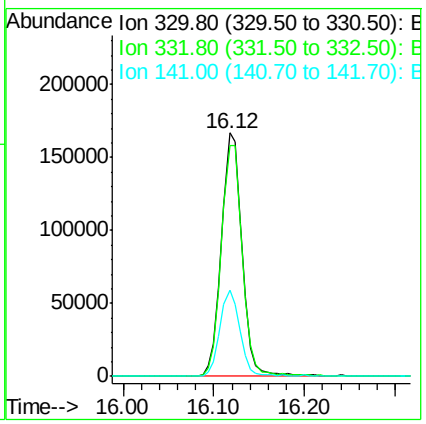


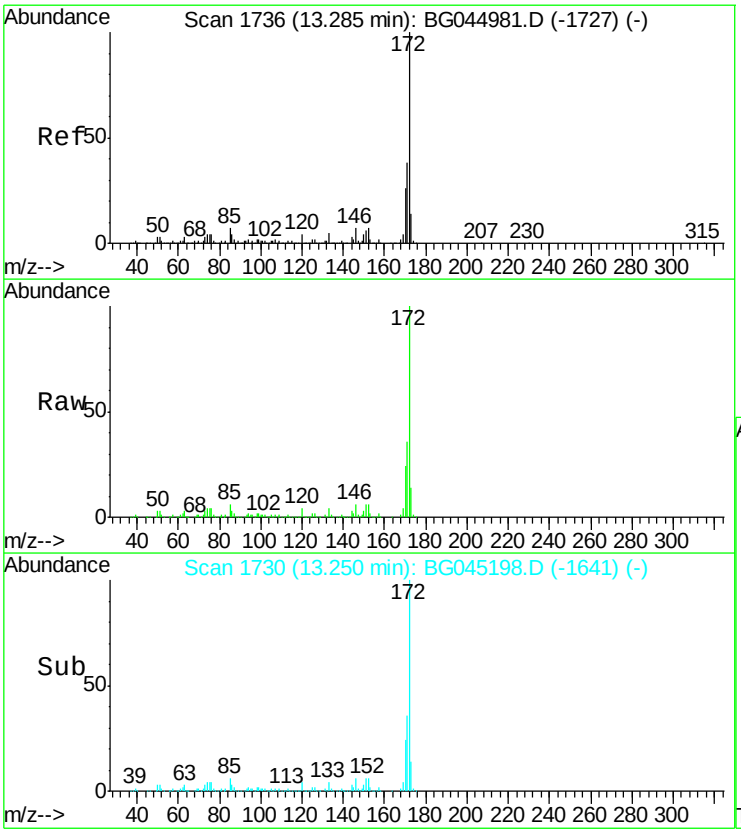

#42
2,4,6-Tribromophenol
Concen: 86.941 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG045198.D
Acq: 28 Apr 2020 23:33

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

Tgt Ion:330 Resp: 262703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.8 | 79.1 | 118.7 |
| 141 | 34.5 | 27.1 | 40.7 |

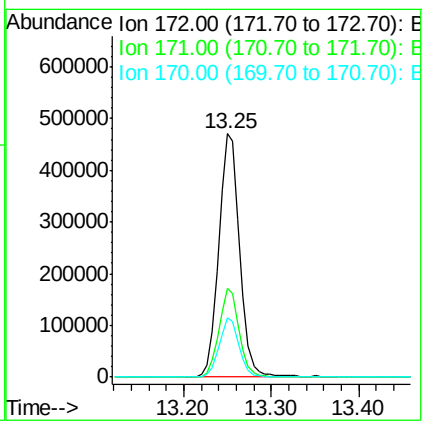


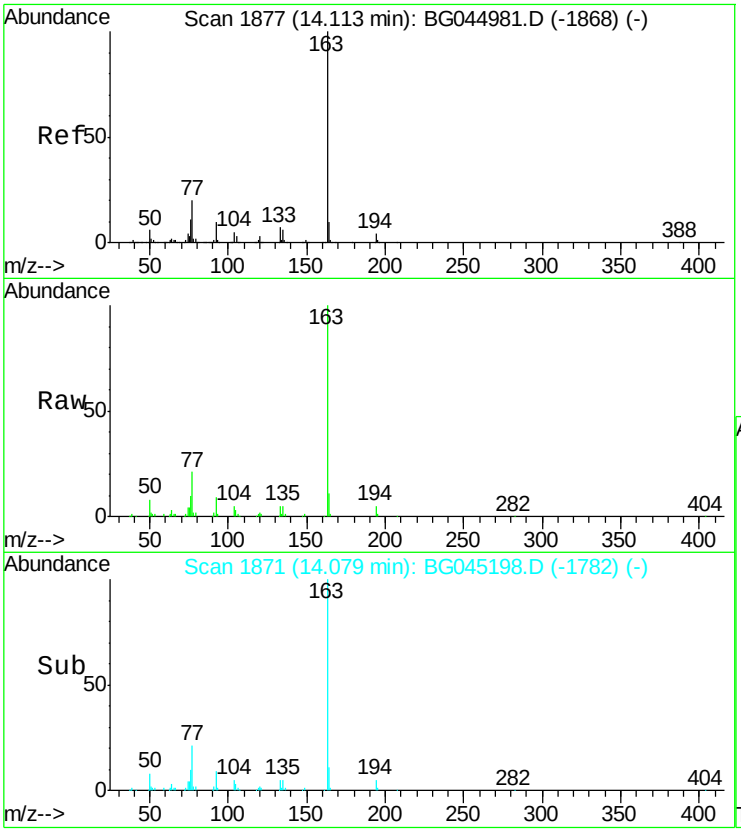




#45
2-Fluorobiphenyl
Concen: 58.223 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG045198.D
Acq: 28 Apr 2020 23:33

Tgt Ion:172 Resp: 776636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.4 | 30.6 | 46.0 |
| 170 | 24.1 | 20.5 | 30.7 |



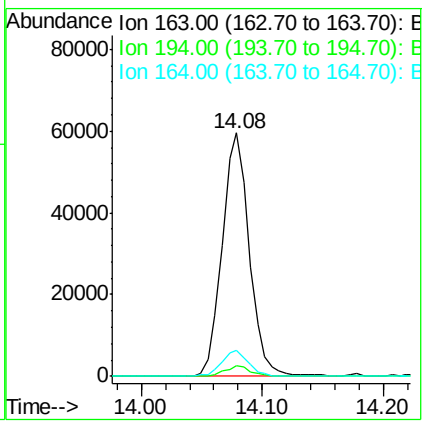


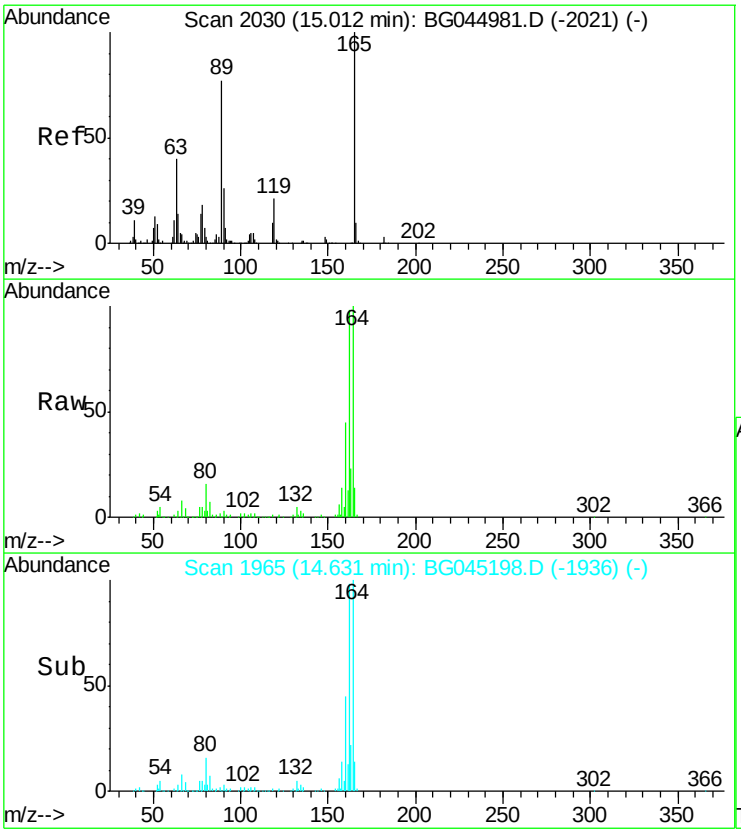

#50
Dimethylphthalate
Concen: 5.827 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG045198.D
Acq: 28 Apr 2020 23:33

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

Tgt Ion:163 Resp: 92805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.5 | 3.5 | 5.3 |
| 164 | 10.5 | 8.2 | 12.4 |

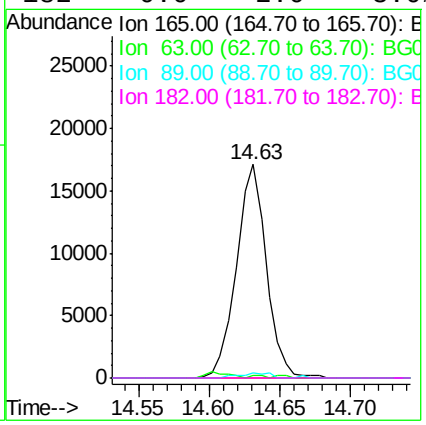


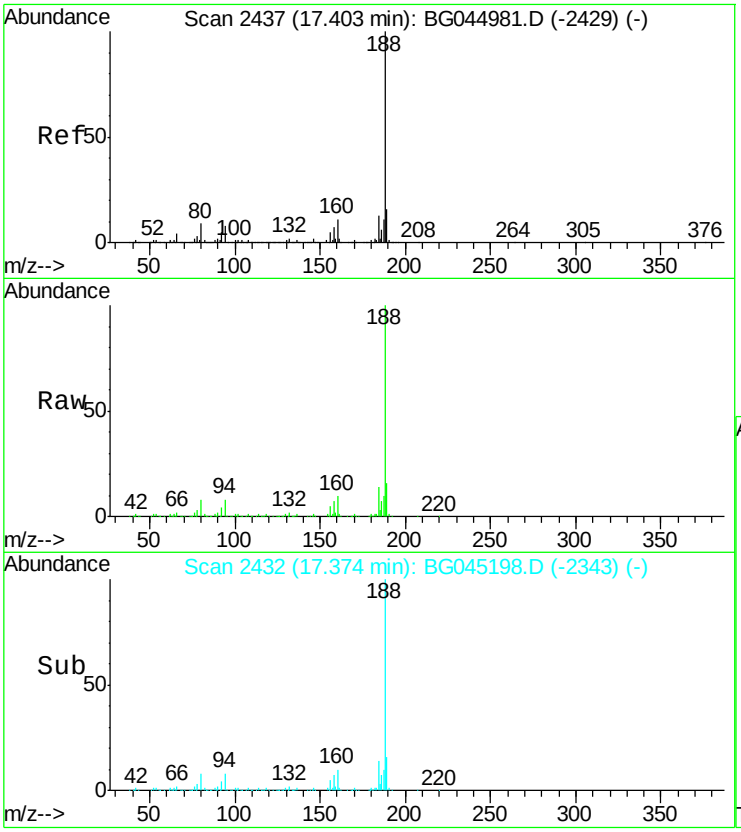




#57
2,4-Dinitrotoluene
Concen: 4.871 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.36 min
Lab File: BG045198.D
Acq: 28 Apr 2020 23:33

Tgt Ion:165 Resp: 25358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.4 | 32.2 | 48.2# |
| 89 | 2.4 | 61.7 | 92.5# |
| 182 | 0.0 | 2.0 | 3.0# |



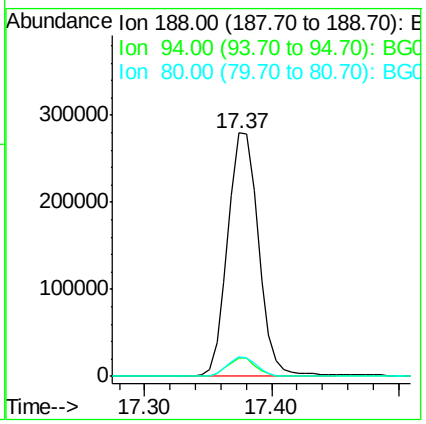


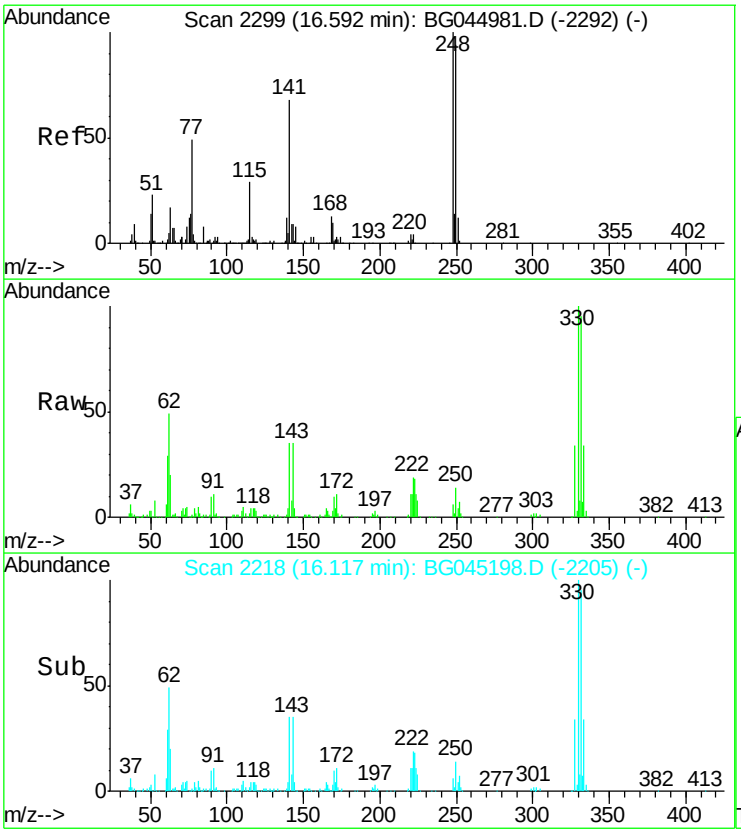

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG045198.D
Acq: 28 Apr 2020 23:33

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

Tgt Ion:188 Resp: 472118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.5 | 6.2 | 9.4 |
| 80 | 7.8 | 7.0 | 10.6 |

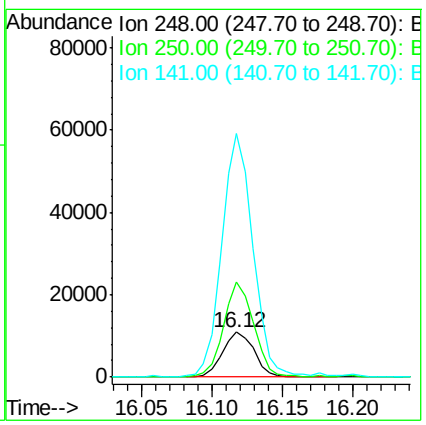


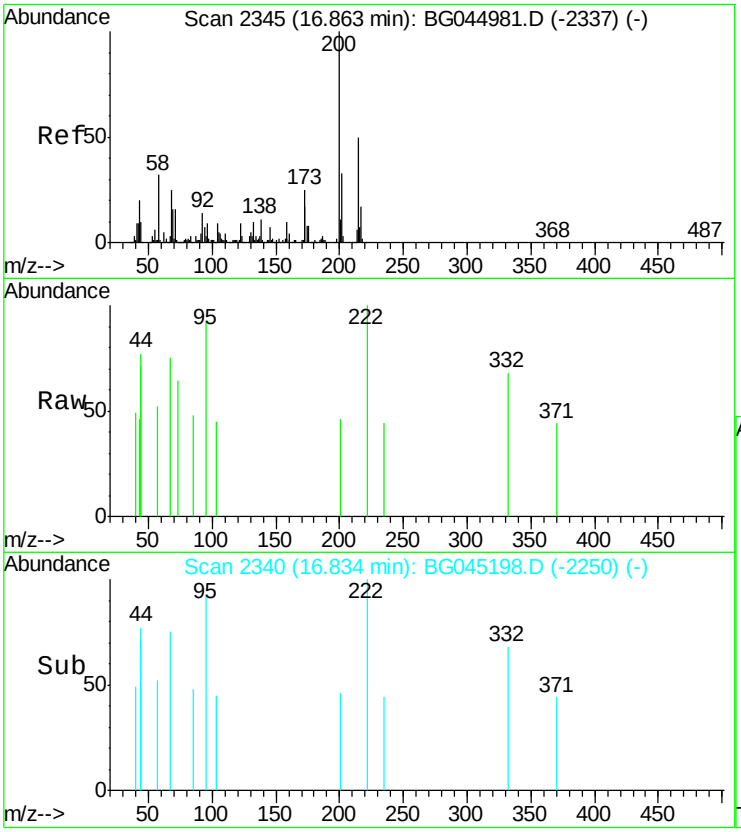




#67
4-Bromophenyl-phenylether
Concen: 2.821 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.45 min
Lab File: BG045198.D
Acq: 28 Apr 2020 23:33

Tgt Ion:248 Resp: 17184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 211.9 | 75.4 | 113.2# |
| 141 | 545.5 | 54.4 | 81.6# |



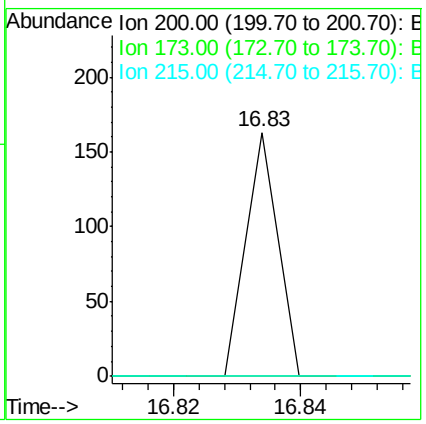


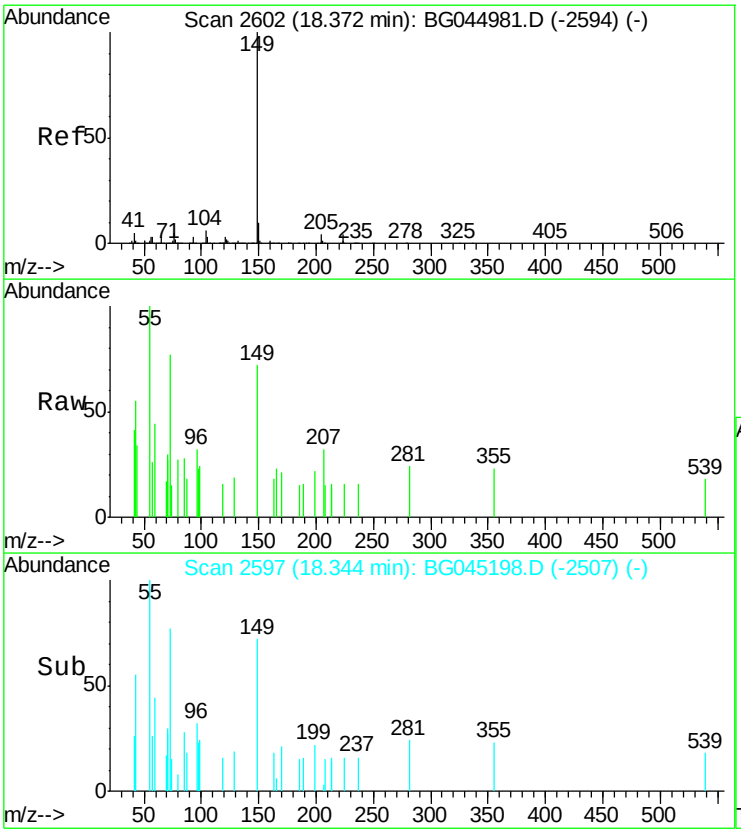

#69
Atrazine
Concen: Below Cal
RT: 16.83 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BG045198.D
Acq: 28 Apr 2020 23:33

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

Tgt Ion:200 Resp: 57

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 0.0 | 4.5 | 44.5# |
| 215 | 0.0 | 30.0 | 70.0# |

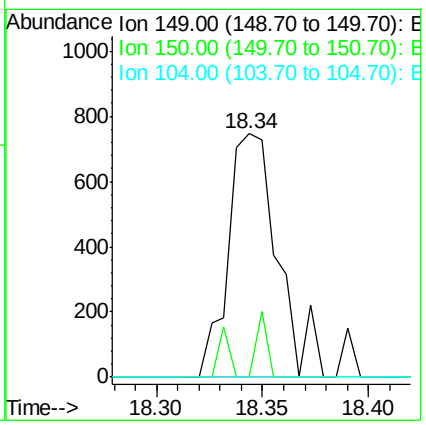


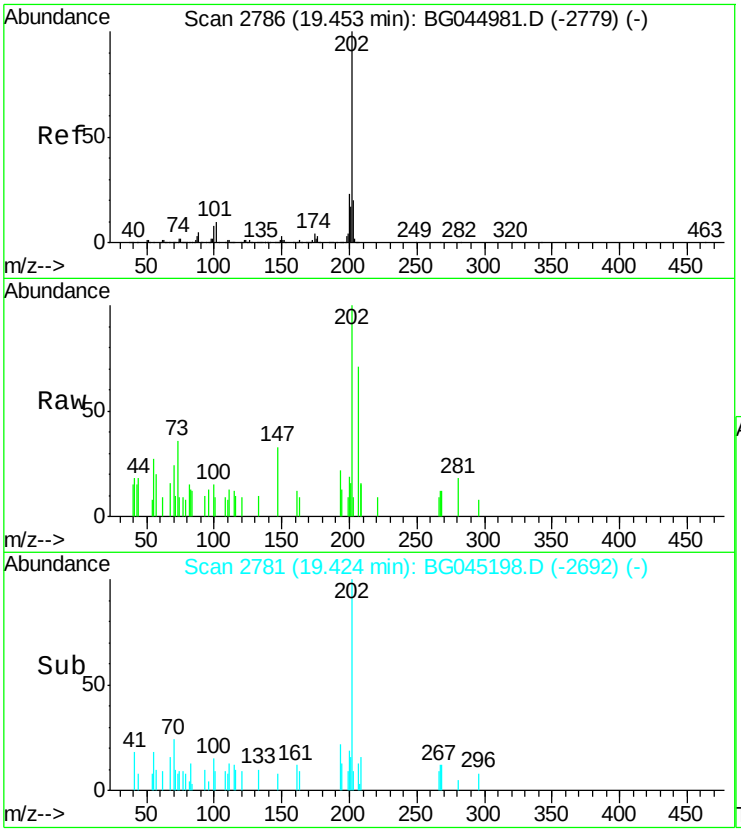




#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.34 min Scan# 2597
Delta R.T. -0.00 min
Lab File: BG045198.D
Acq: 28 Apr 2020 23:33

Tgt Ion:149 Resp: 1213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 0.0 | 8.2 | 12.2# |
| 104 | 0.0 | 4.8 | 7.2# |



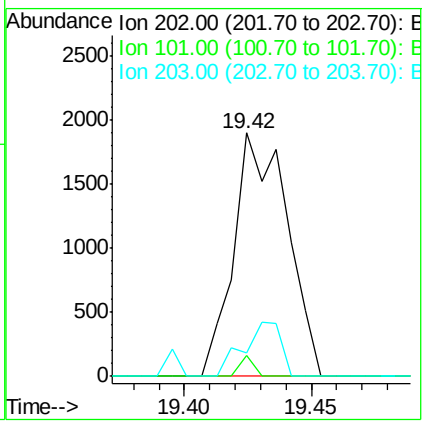


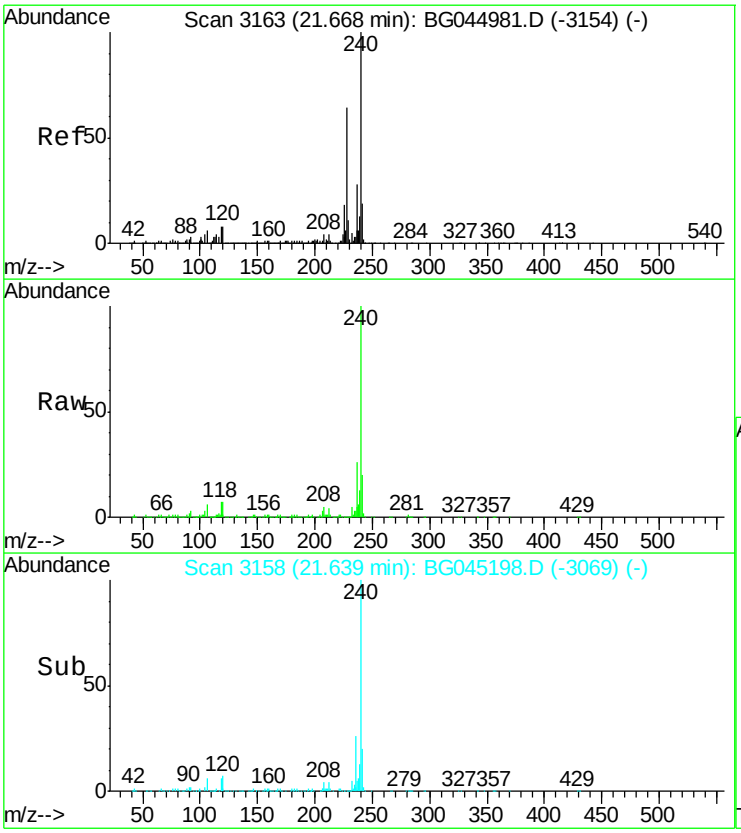

#75
Fluoranthene
Concen: Below Cal
RT: 19.42 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BG045198.D
Acq: 28 Apr 2020 23:33

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

Tgt Ion:202 Resp: 2788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.7 | 0.0 | 29.6 |
| 203 | 9.5 | 0.0 | 39.7 |

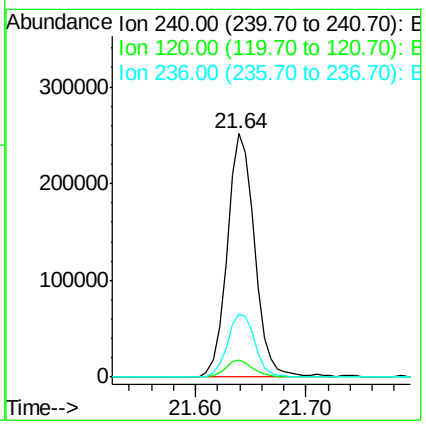


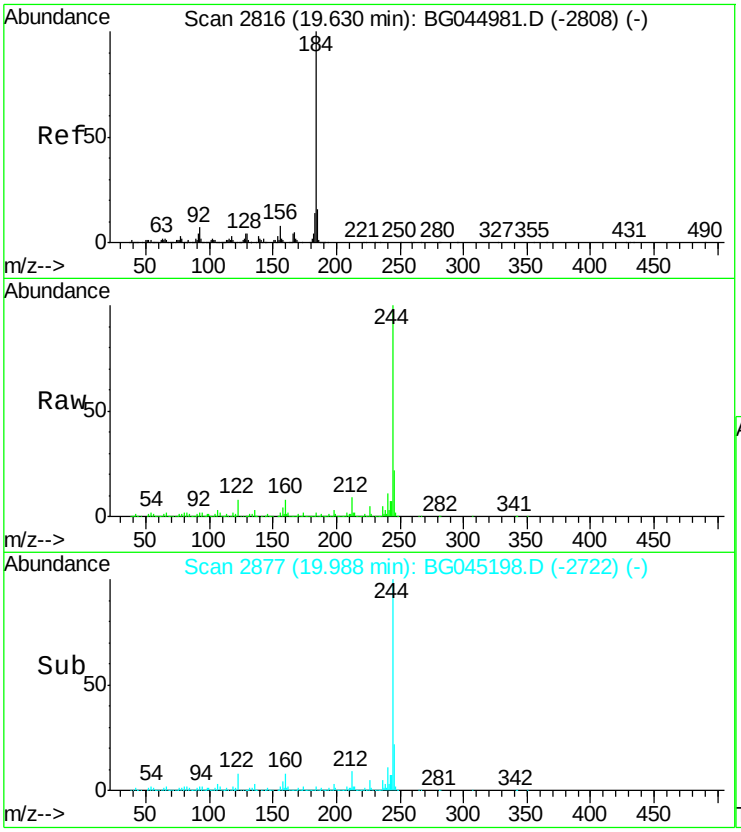




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG045198.D
Acq: 28 Apr 2020 23:33

Tgt Ion:240 Resp: 437868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.2 | 6.6 | 10.0 |
| 236 | 26.1 | 22.2 | 33.2 |



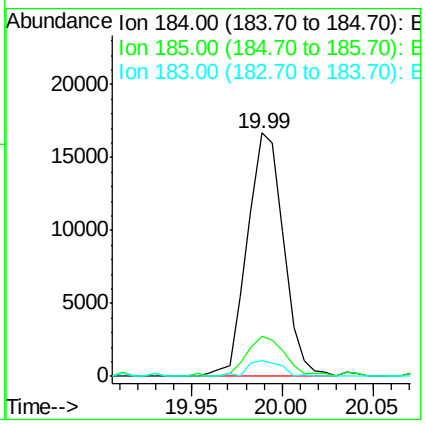


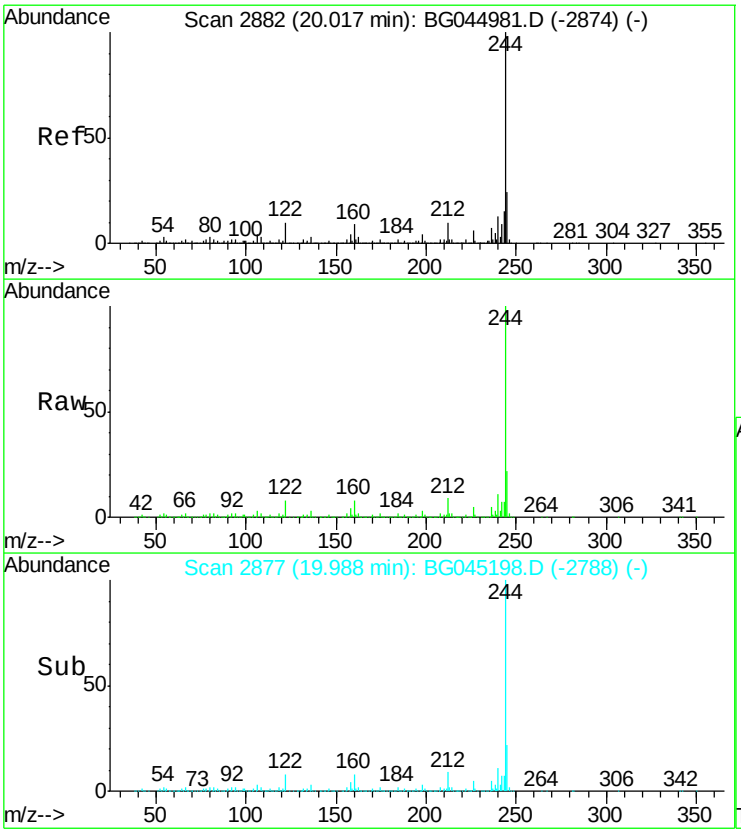

#77
Benzidine
Concen: Below Cal
RT: 19.99 min Scan# 2877
Delta R.T. 0.38 min
Lab File: BG045198.D
Acq: 28 Apr 2020 23:33

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

Tgt Ion:184 Resp: 23176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 16.6 | 12.6 | 19.0 |
| 183 | 6.4 | 11.3 | 16.9# |

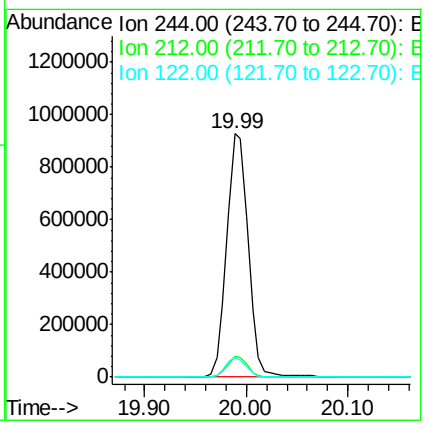


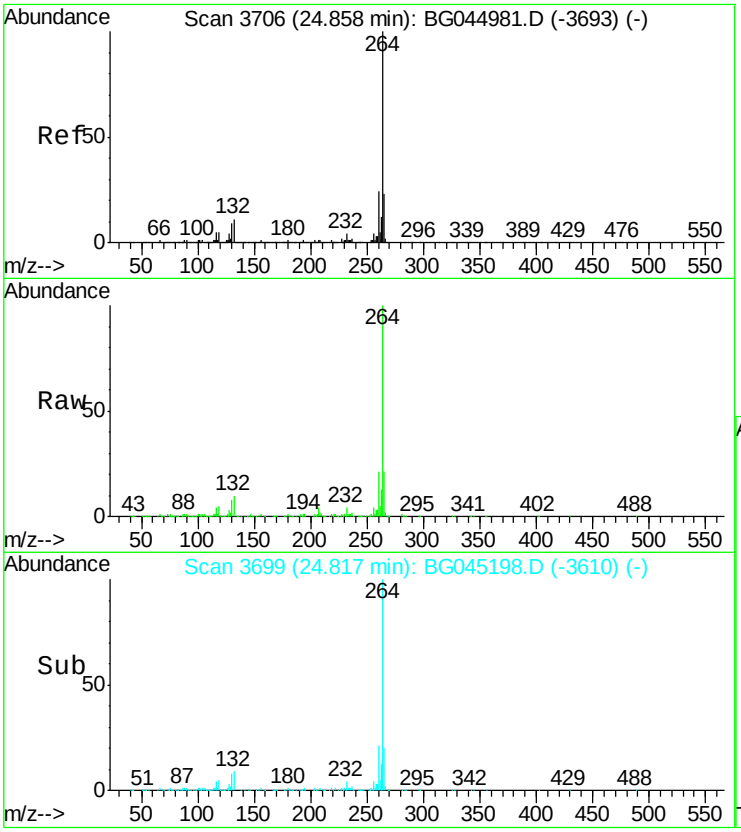




#79
Terphenyl-d14
Concen: 67.899 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BG045198.D
Acq: 28 Apr 2020 23:33

Tgt Ion:244 Resp: 1364060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.7 | 7.9 | 11.9 |
| 122 | 8.2 | 7.7 | 11.5 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG045198.D
Acq: 28 Apr 2020 23:33

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

Tgt Ion:264 Resp: 485639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.2 | 19.2 | 28.8 |
| 265 | 20.6 | 19.0 | 28.4 |