Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
Data File : BG045940.D
Acq On : 3 Jul 2020 9:27
Operator : CG/JU
Sample : L3171-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** CHASSIS-WASH

Quant Time: Jul 04 00:13:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 14:02:29 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.85 | 152 | 49520 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.66 | 136 | 194902 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.51 | 164 | 139860 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.26 | 188 | 318113 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.51 | 240 | 332782 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 24.59 | 264 | 339151 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.45 | 112 | 355278 | 121.19 | ng | | 0.00 |
| 7) Phenol-d6 | 7.07 | 99 | 474558 | 106.43 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.02 | 82 | 382724 | 89.71 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.01 | 330 | 254396 | 120.48 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.13 | 172 | 879909 | 92.46 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.88 | 244 | 1541161 | 93.85 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 15) Benzyl Alcohol | 8.11 | 79 | 23793 | 6.895 | ng | | 96 |
| 17) 2-Methylphenol | 8.12 | 107 | 11290 | 3.511 | ng | # | 1 |
| 20) 3+4-Methylphenols | 8.66 | 107 | 43623 | 10.316 | ng | # | 55 |
| 32) Benzoic acid | 10.07 | 122 | 539 | 9.211 | ng | # | 54 |
| 50) Dimethylphthalate | 13.96 | 163 | 64168 | 5.857 | ng | | 97 |
| 56) 4-Nitrophenol | 14.66 | 139 | 53 | 4.002 | ng | # | 1 |
| 57) 2,4-Dinitrotoluene | 14.51 | 165 | 17448 | 4.949 | ng | # | 25 |
| 67) 4-Bromophenyl-phenylether | 16.01 | 248 | 17213 | 4.164 | ng | # | 1 |
| 70) Pentachlorophenol | 16.90 | 266 | 77 | 7.665 | ng | # | 56 |
| 77) Benzidine | 19.88 | 184 | 30260 | 3.498 | ng | # | 93 |

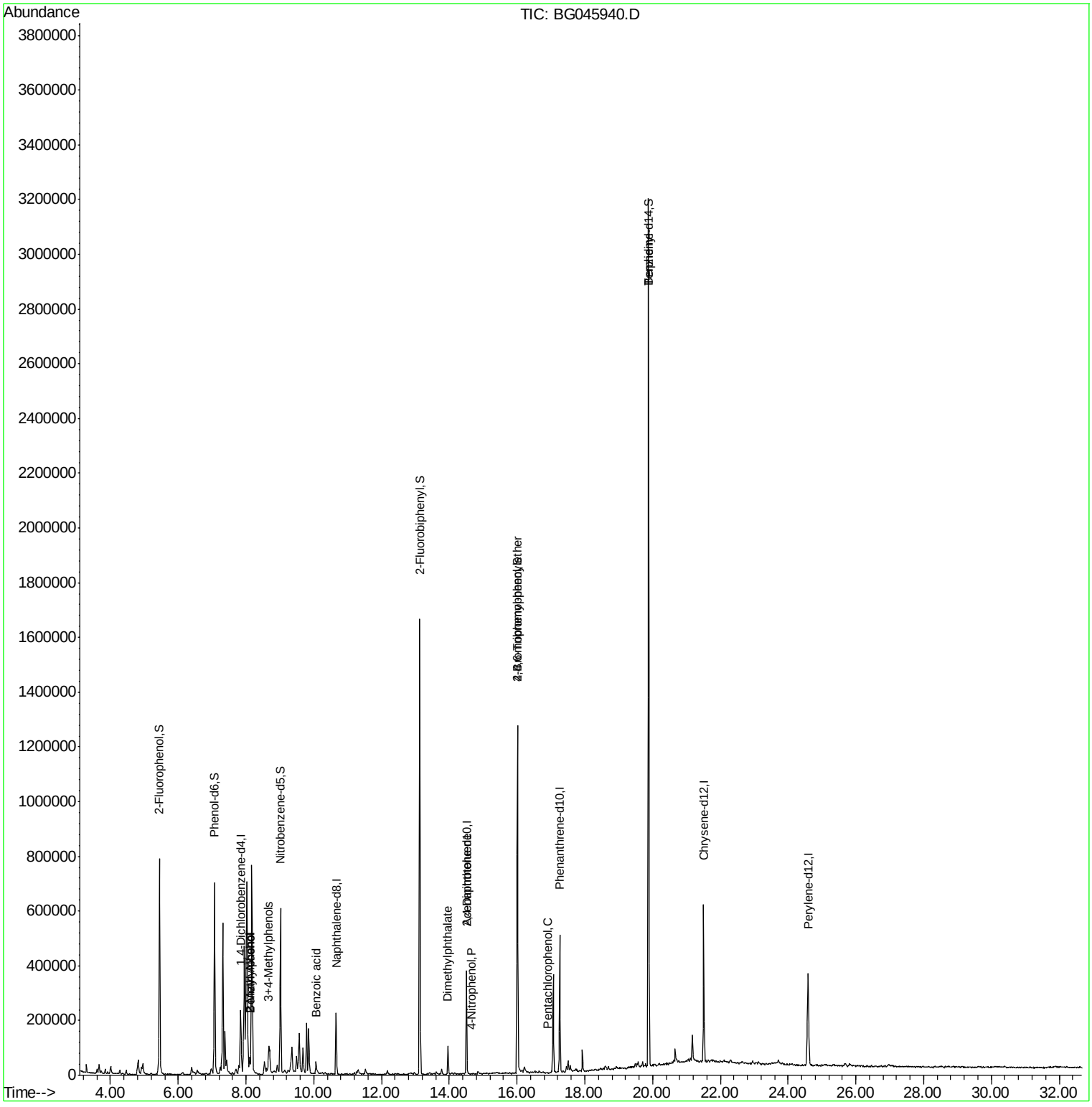
(#) = qualifier out of range (m) = manual integration (+) = signals summed

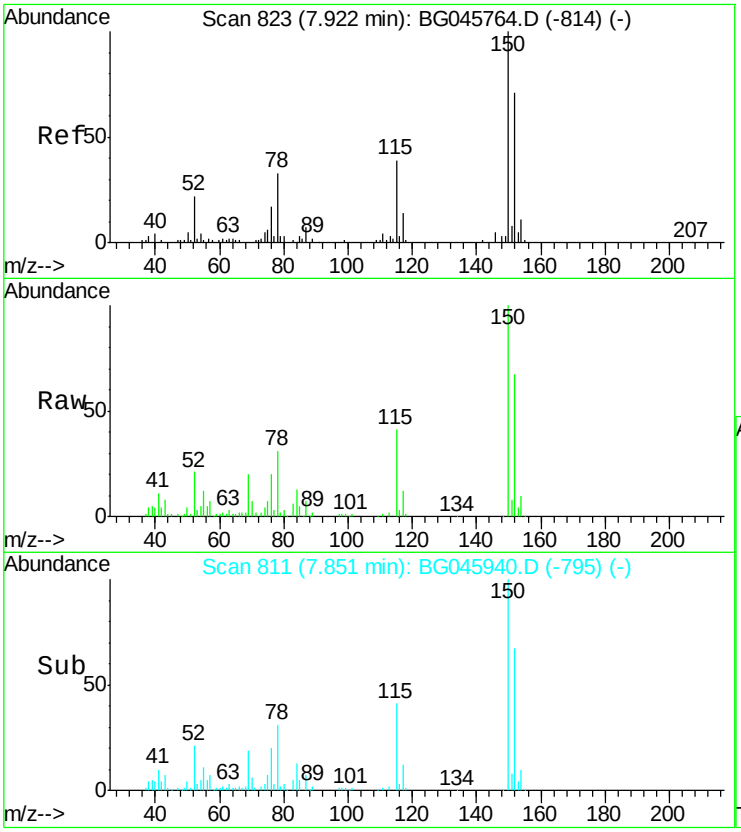
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
Data File : BG045940.D
Acq On : 3 Jul 2020 9:27
Operator : CG/JU
Sample : L3171-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
CHASSIS-WASH

Quant Time: Jul 04 00:13:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 14:02:29 2020
Response via : Initial Calibration



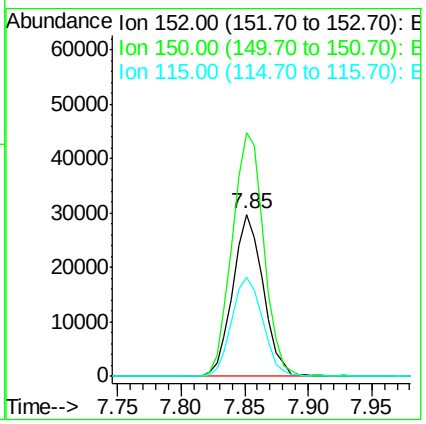


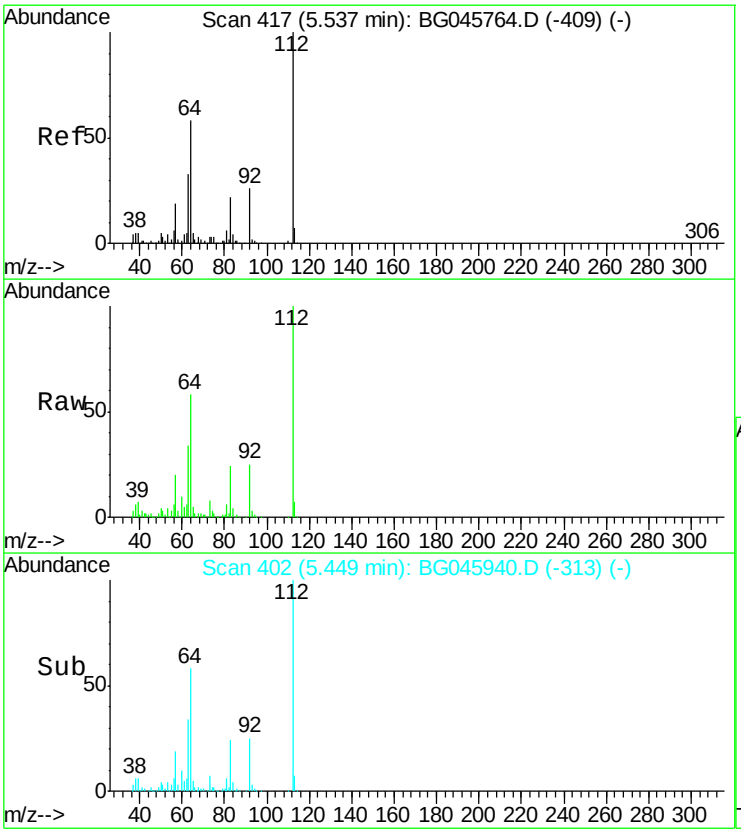

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

**Instrument :**
BNA_G
**ClientSampleId :**
CHASSIS-WASH

Tgt Ion:152 Resp: 49520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 150.2 | 124.5 | 186.7 |
| 115 | 61.0 | 45.8 | 68.8 |

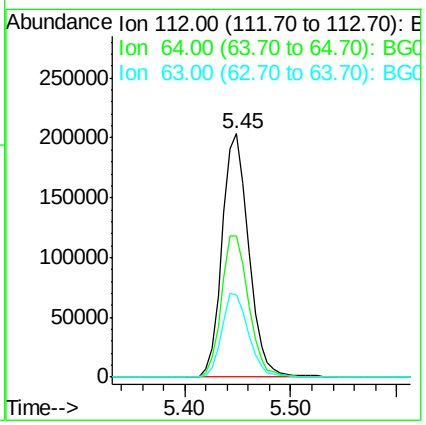


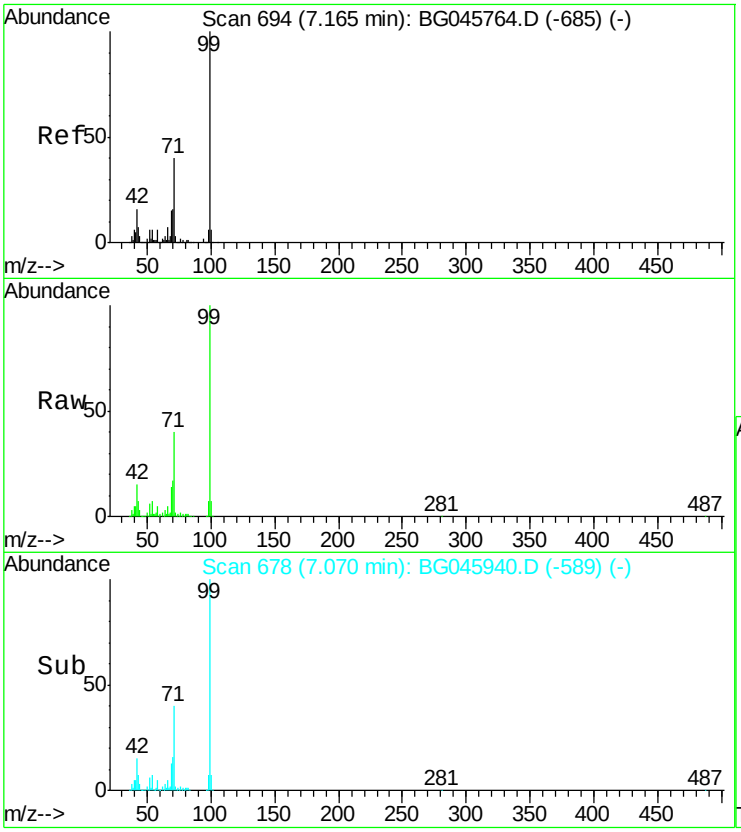




#5
2-Fluorophenol
Concen: 121.193 ng
RT: 5.45 min Scan# 402
Delta R.T. -0.01 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

Tgt Ion:112 Resp: 355278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.1 | 44.9 | 67.3 |
| 63 | 33.9 | 26.9 | 40.3 |



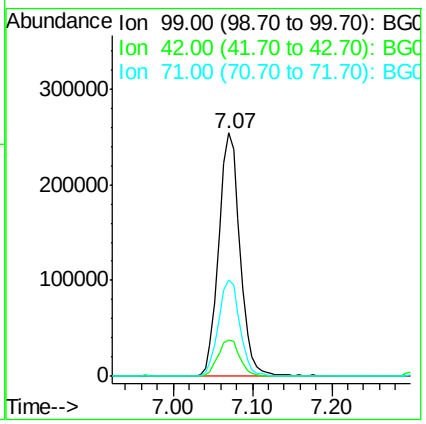


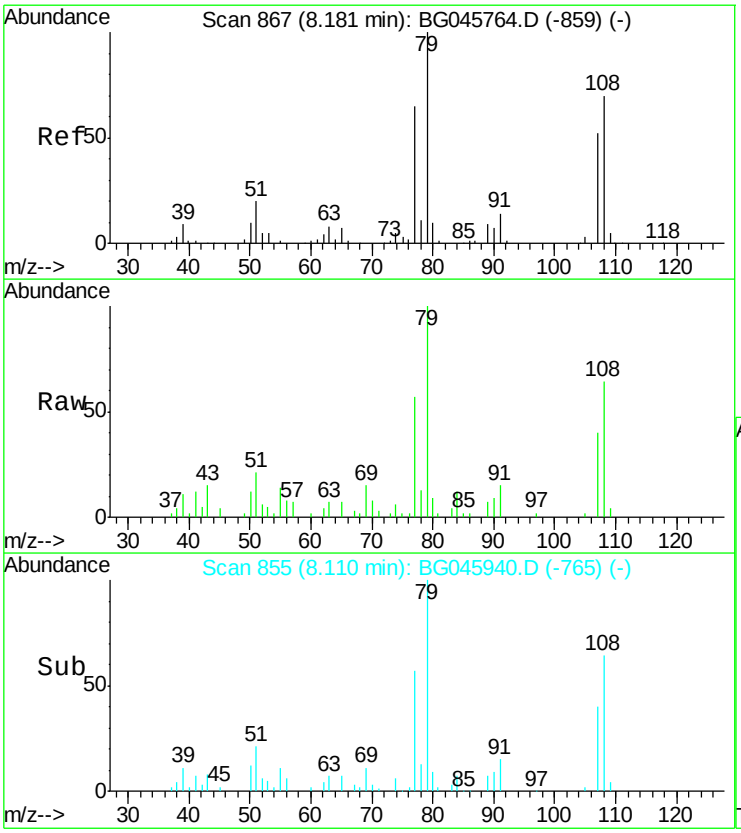

#7
Phenol-d6
Concen: 106.425 ng
RT: 7.07 min Scan# 678
Delta R.T. -0.01 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

**Instrument :**
BNA_G
**ClientSampleId :**
CHASSIS-WASH

Tgt Ion: 99 Resp: 474558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.9 | 11.8 | 17.8 |
| 71 | 39.7 | 31.0 | 46.6 |

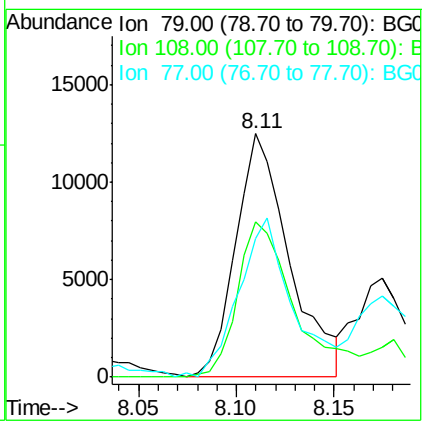


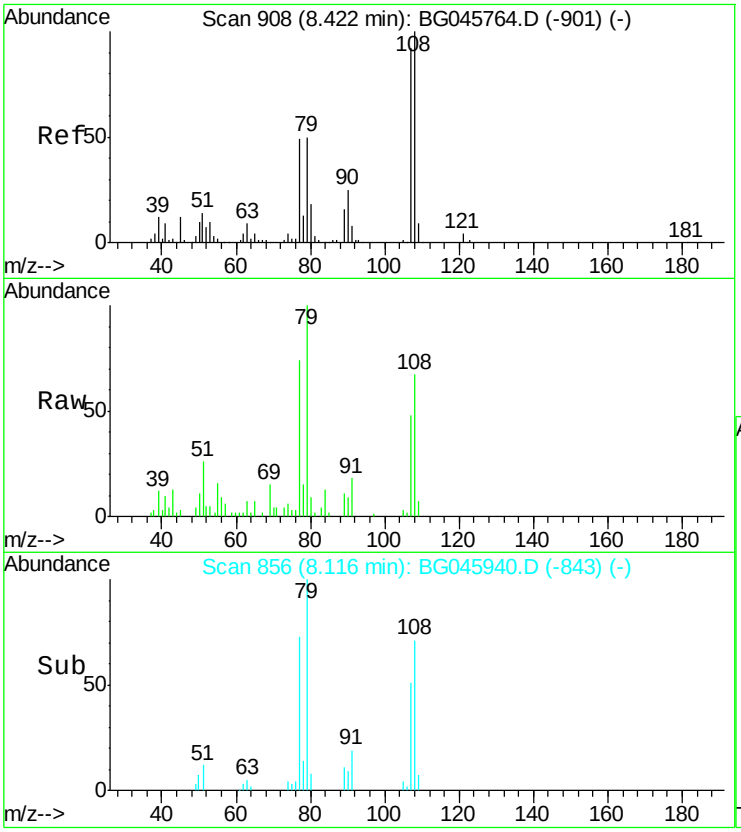




#15
Benzyl Alcohol
Concen: 6.895 ng
RT: 8.11 min Scan# 855
Delta R.T. 0.00 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

Tgt Ion: 79 Resp: 23793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 63.8 | 50.7 | 76.1 |
| 77 | 56.8 | 50.4 | 75.6 |



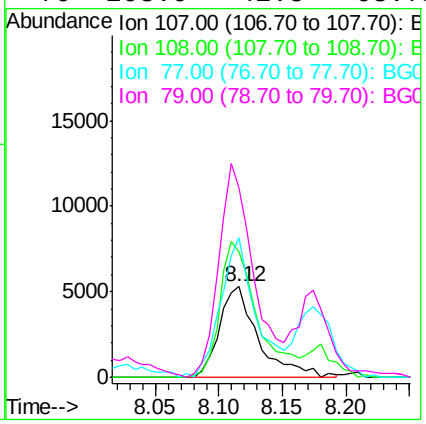


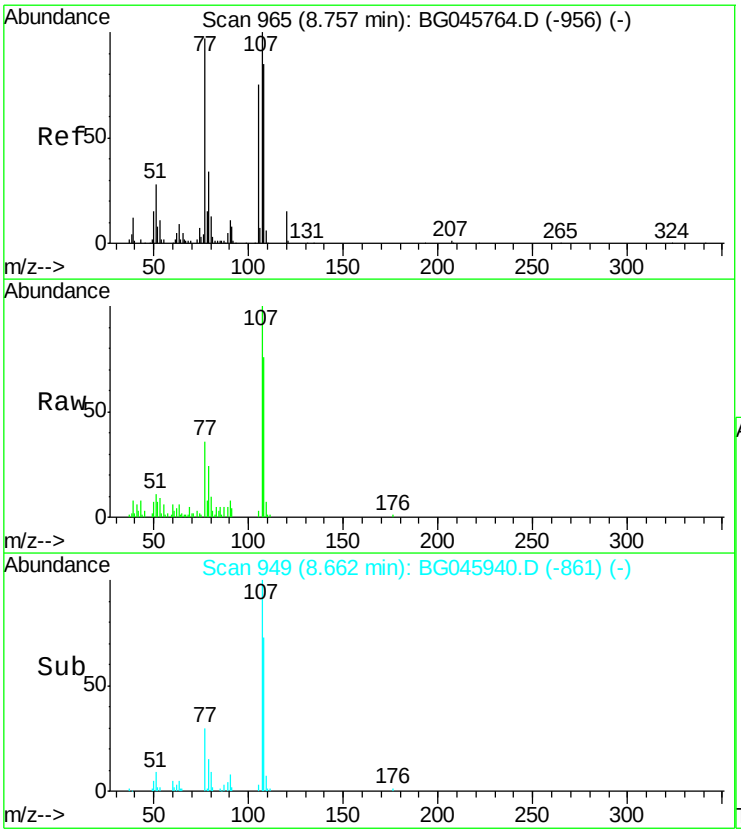

#17
2-Methylphenol
Concen: 3.511 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.22 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

**Instrument :**
BNA_G
**ClientSampleId :**
CHASSIS-WASH

Tgt Ion:107 Resp: 11290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 139.0 | 87.1 | 130.7# |
| 77 | 154.5 | 43.7 | 65.5# |
| 79 | 208.9 | 42.5 | 63.7# |

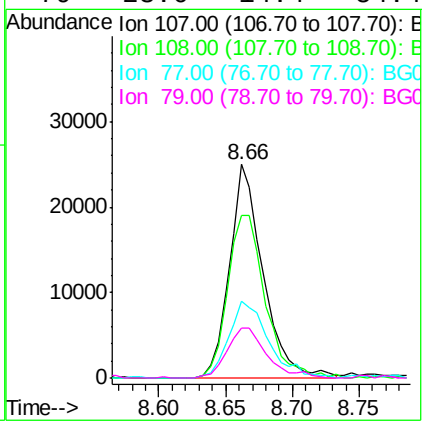


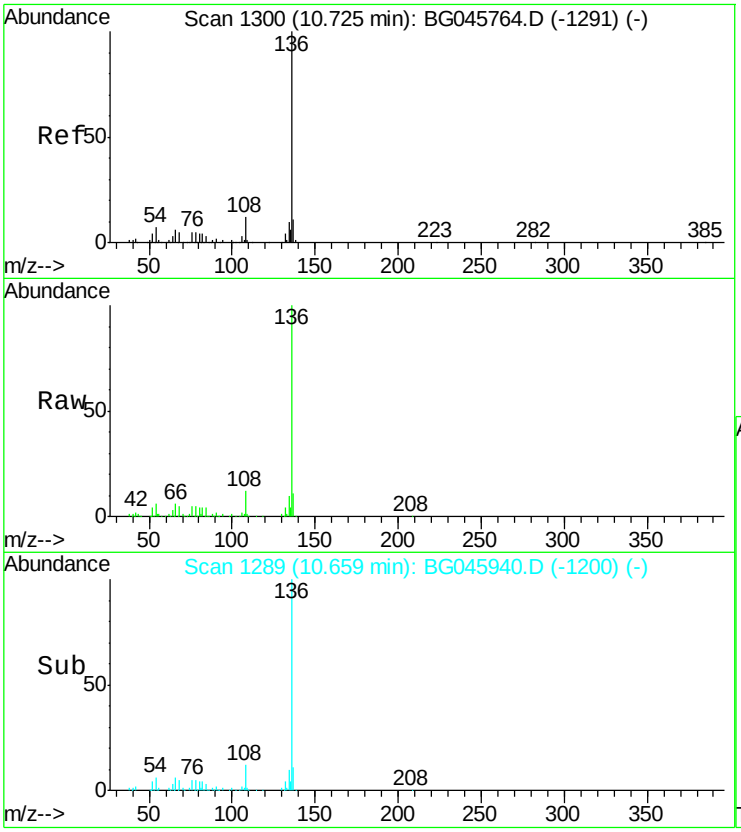




#20
3+4-Methylphenols
Concen: 10.316 ng
RT: 8.66 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

Tgt Ion:107 Resp: 43623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 75.8 | 69.4 | 109.4 |
| 77 | 36.1 | 101.0 | 141.0# |
| 79 | 23.6 | 14.4 | 54.4 |



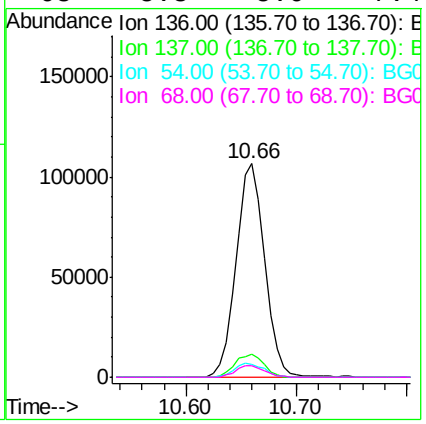


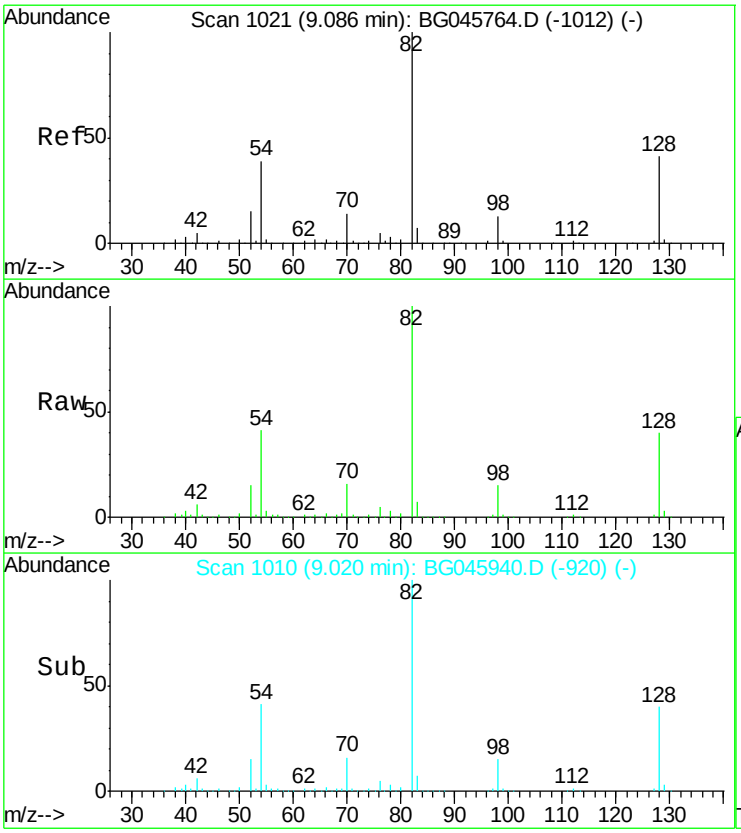

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

**Instrument :**
BNA_G
**ClientSampleId :**
CHASSIS-WASH

Tgt Ion:136 Resp: 194902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.2 | 12.4 |
| 54 | 6.1 | 4.6 | 7.0 |
| 68 | 5.3 | 5.0 | 7.4 |

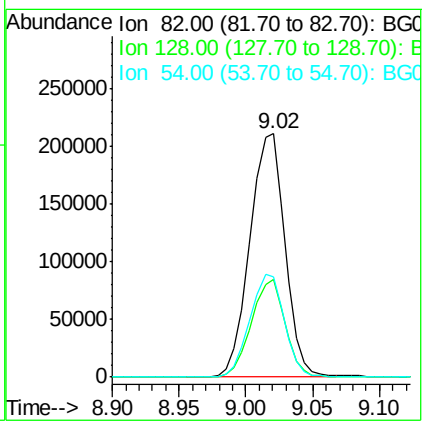


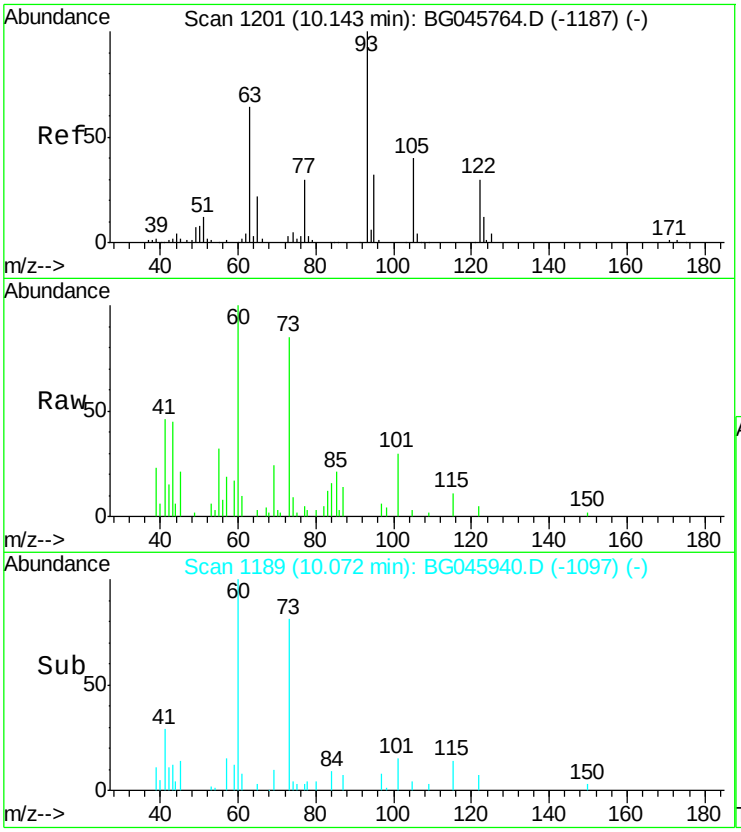




#23
Nitrobenzene-d5
Concen: 89.707 ng
RT: 9.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

Tgt Ion: 82 Resp: 382724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.0 | 29.9 | 44.9 |
| 54 | 41.3 | 33.3 | 49.9 |



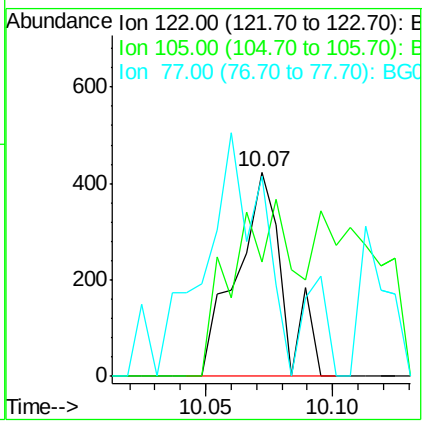


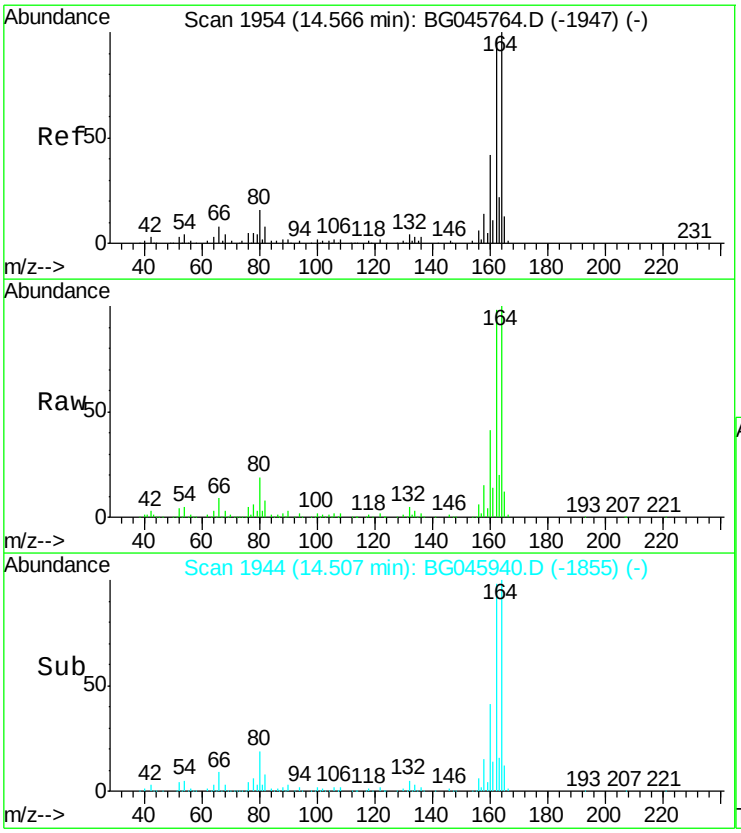

#32
Benzoic acid
Concen: 9.211 ng
RT: 10.07 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

**Instrument :**
BNA_G
**ClientSampleId :**
CHASSIS-WASH

Tgt Ion:122 Resp: 539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 55.8 | 123.1 | 163.1# |
| 77 | 98.3 | 93.9 | 133.9 |

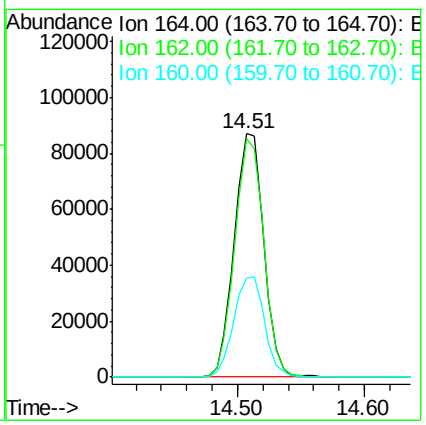


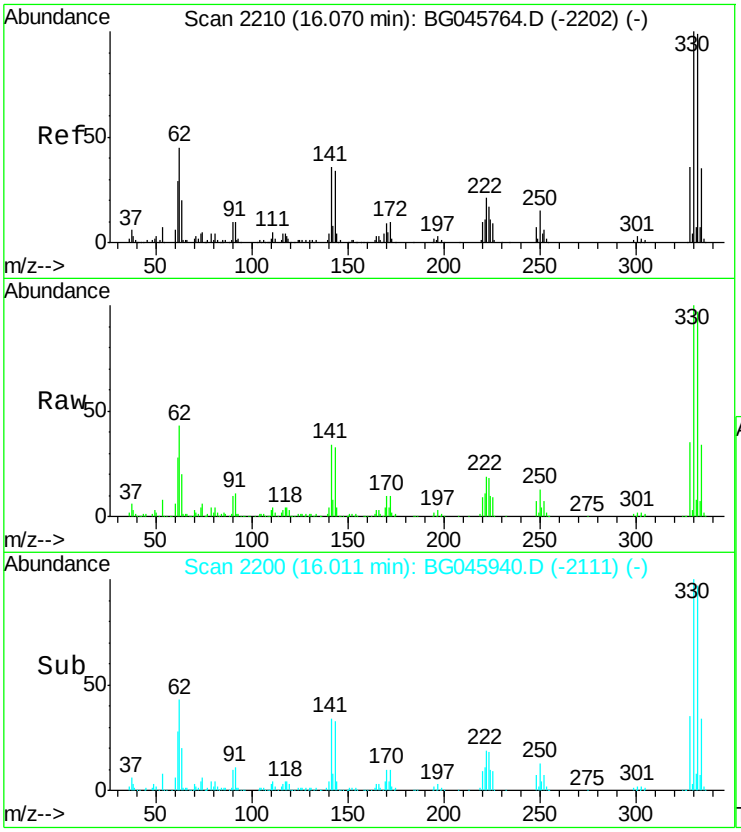




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

Tgt Ion:164 Resp: 139860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.8 | 78.8 | 118.2 |
| 160 | 40.5 | 33.8 | 50.6 |



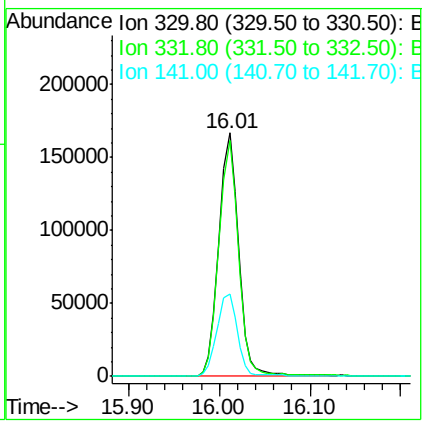


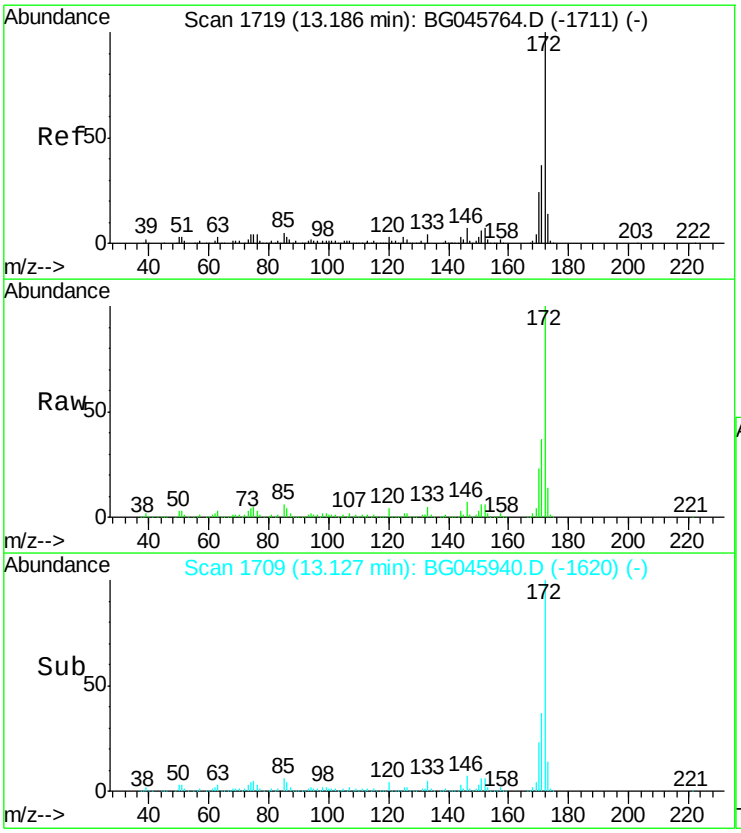

#42
2,4,6-Tribromophenol
Concen: 120.480 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

**Instrument :**
BNA_G
**ClientSampleId :**
CHASSIS-WASH

Tgt Ion:330 Resp: 254396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.8 | 79.4 | 119.0 |
| 141 | 35.2 | 28.2 | 42.2 |

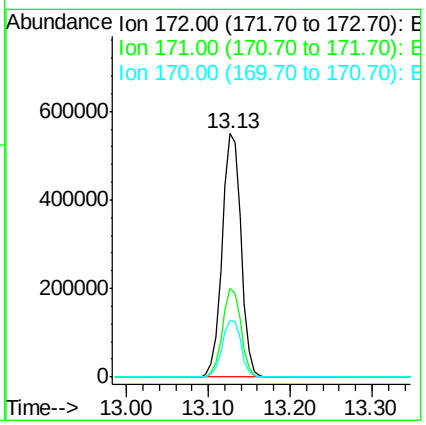


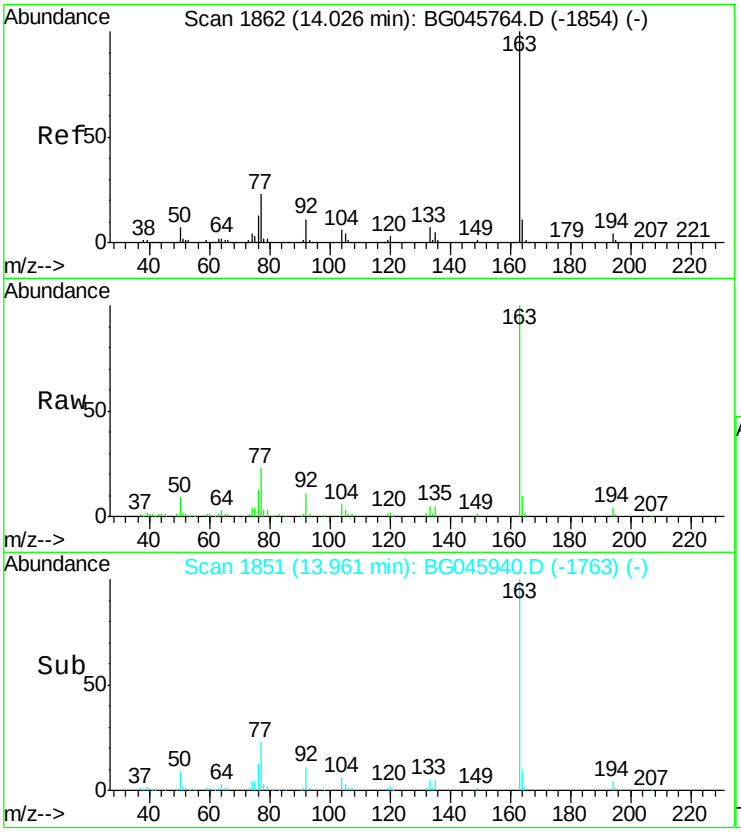




#45
2-Fluorobiphenyl
Concen: 92.455 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

Tgt Ion:172 Resp: 879909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.7 | 28.5 | 42.7 |
| 170 | 23.3 | 18.9 | 28.3 |



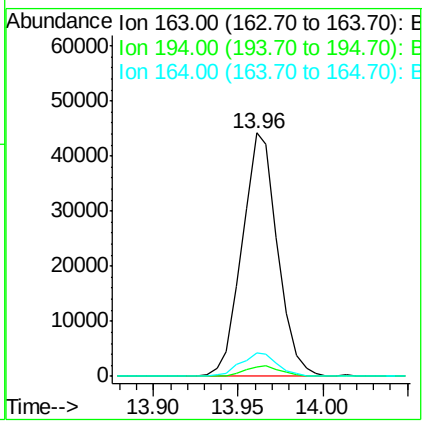


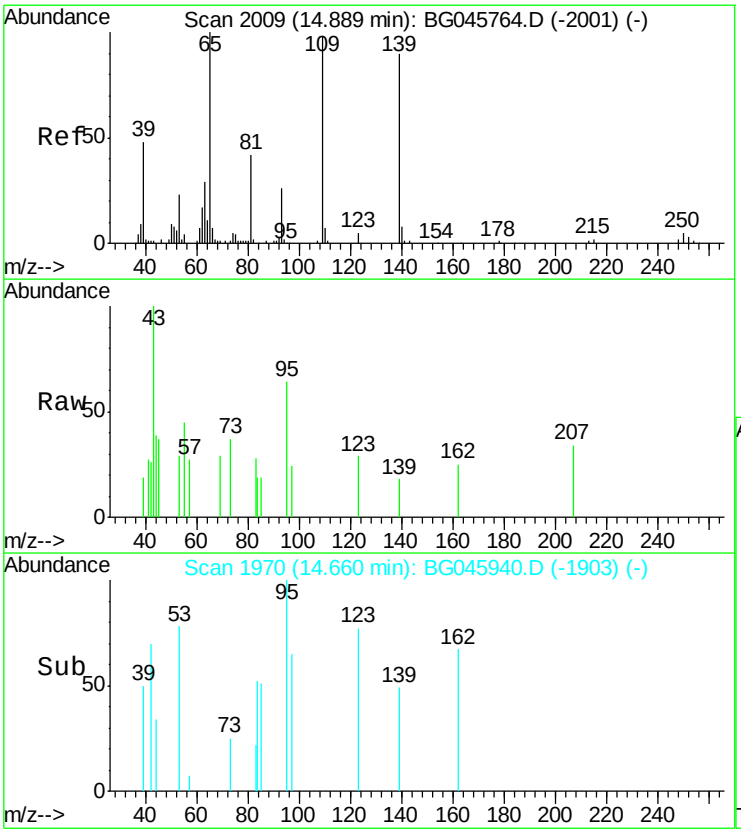

#50
Dimethylphthalate
Concen: 5.857 ng
RT: 13.96 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

**Instrument :**
BNA_G
**ClientSampleId :**
CHASSIS-WASH

Tgt Ion:163 Resp: 64168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.5 | 5.3 |
| 164 | 9.5 | 8.7 | 13.1 |

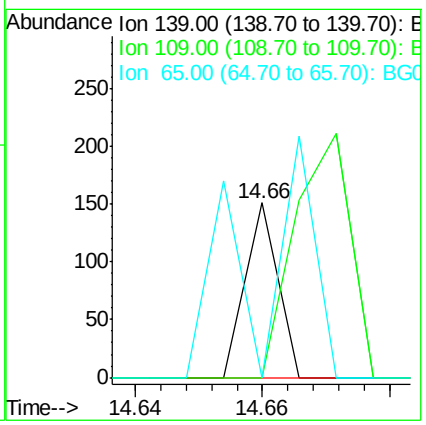


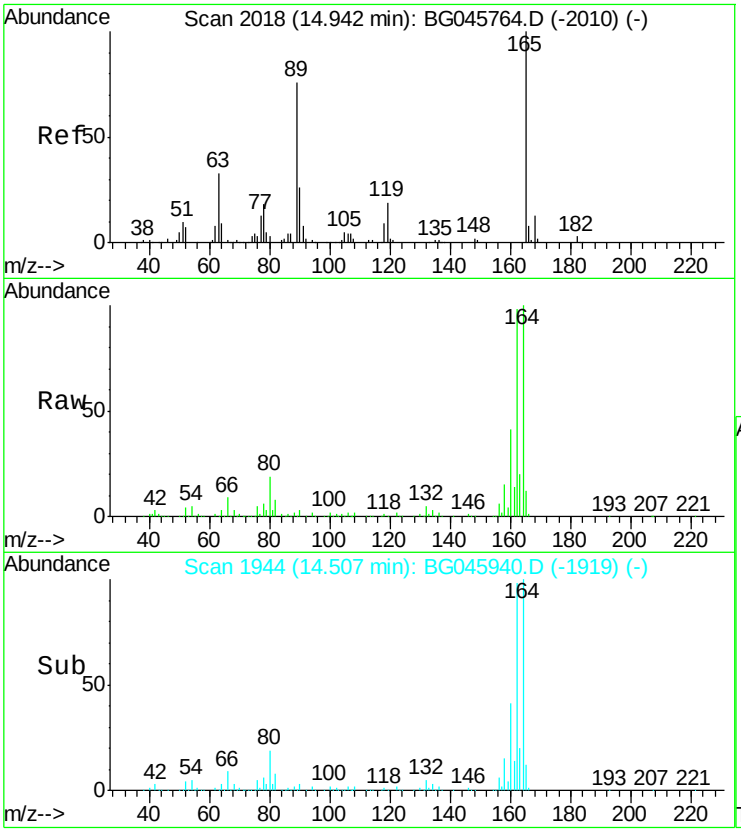




#56
4-Nitrophenol
Concen: 4.002 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.13 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

Tgt Ion:139 Resp: 53

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 0.0 | 79.2 | 119.2# |
| 65 | 0.0 | 91.0 | 131.0# |



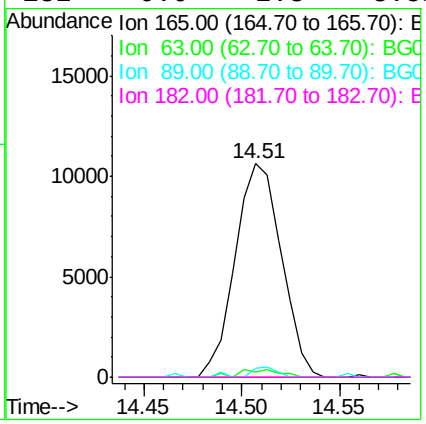


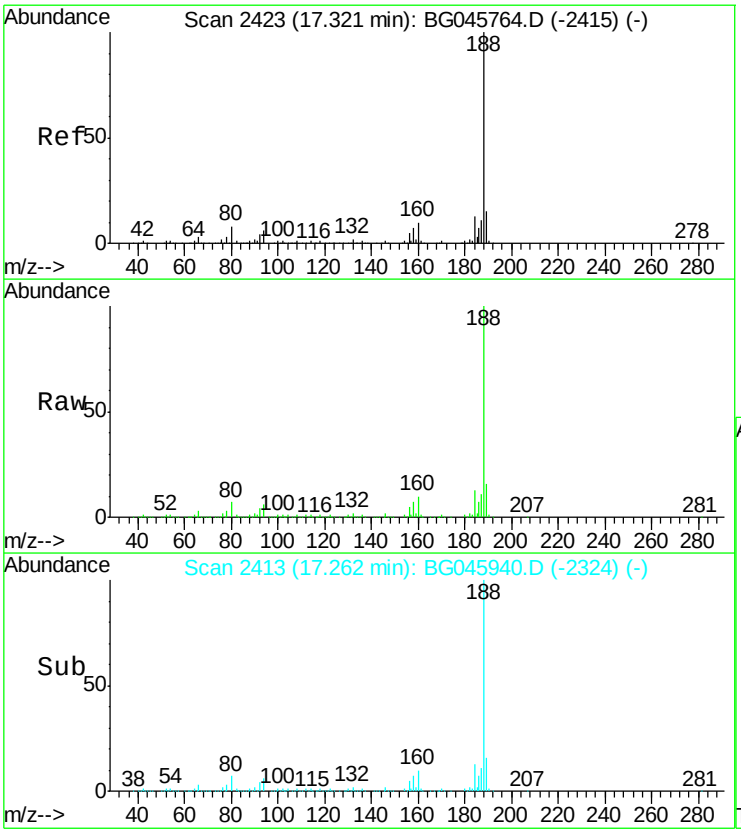

#57
2,4-Dinitrotoluene
Concen: 4.949 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.38 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

**Instrument :**
BNA_G
**ClientSampleId :**
CHASSIS-WASH

Tgt Ion:165 Resp: 17448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.3 | 34.5 | 51.7# |
| 89 | 4.0 | 60.8 | 91.2# |
| 182 | 0.0 | 2.3 | 3.5# |

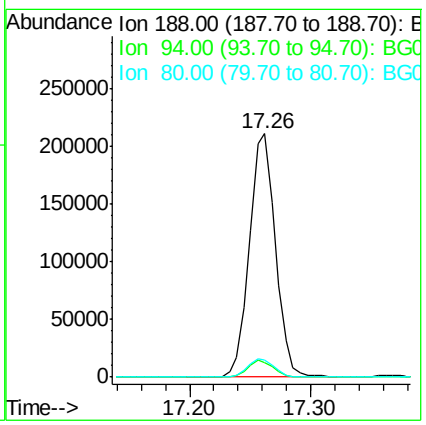


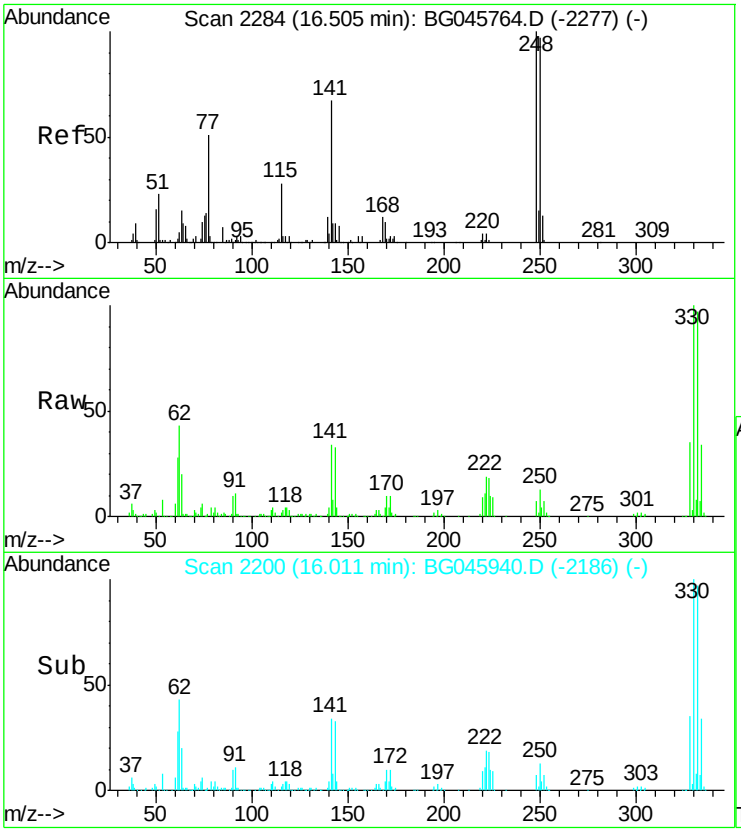




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

Tgt Ion:188 Resp: 318113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.9 | 5.5 | 8.3 |
| 80 | 6.8 | 6.1 | 9.1 |



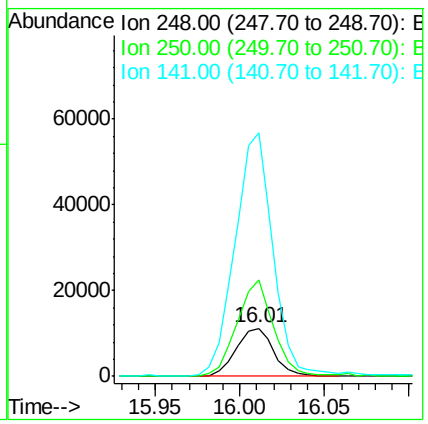


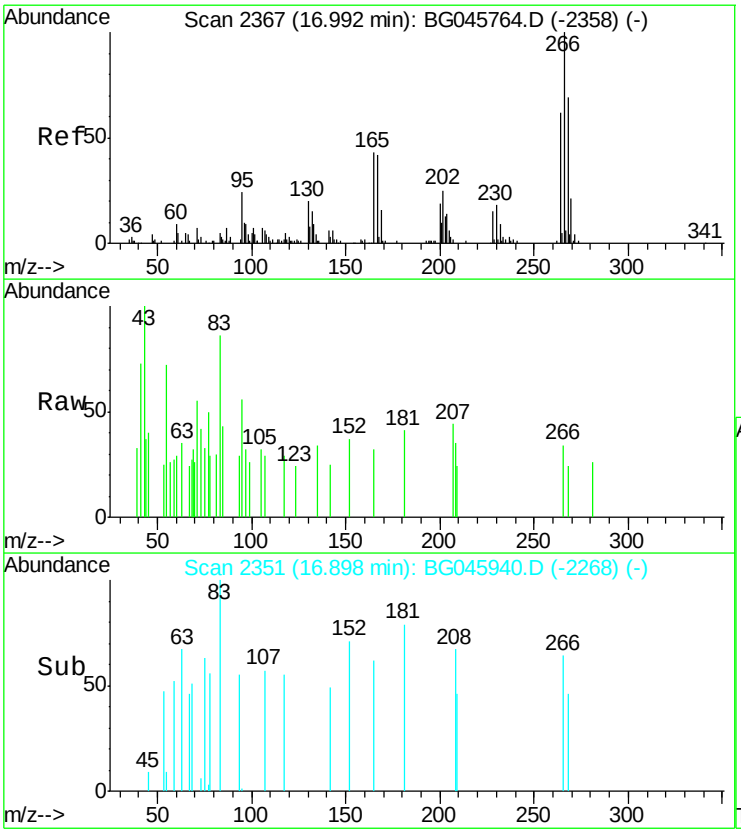

#67
4-Bromophenyl-phenylether
Concen: 4.164 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.45 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

**Instrument :**
BNA_G
**ClientSampleId :**
CHASSIS-WASH

Tgt Ion:248 Resp: 17213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 199.3 | 77.2 | 115.8# |
| 141 | 505.1 | 52.6 | 79.0# |

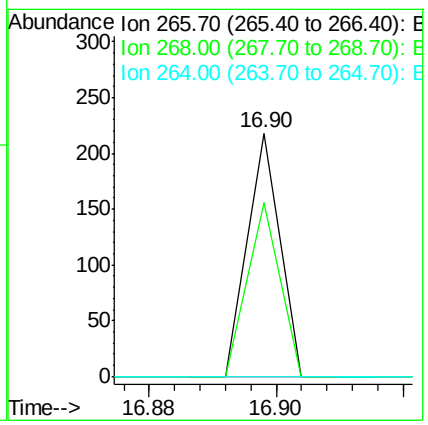


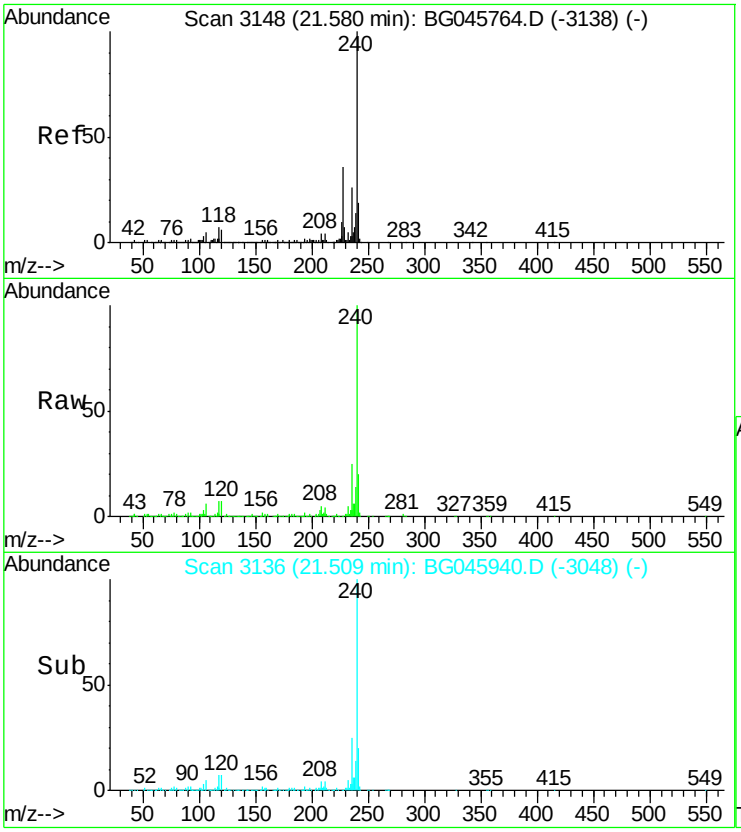




#70
Pentachlorophenol
Concen: 7.665 ng
RT: 16.90 min Scan# 2351
Delta R.T. -0.04 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

Tgt Ion:266 Resp: 77

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 71.6 | 50.5 | 75.7 |
| 264 | 0.0 | 47.0 | 70.6# |



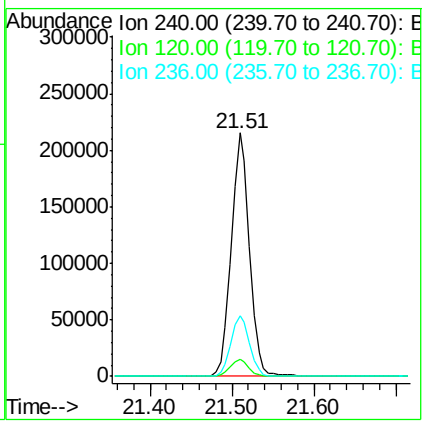


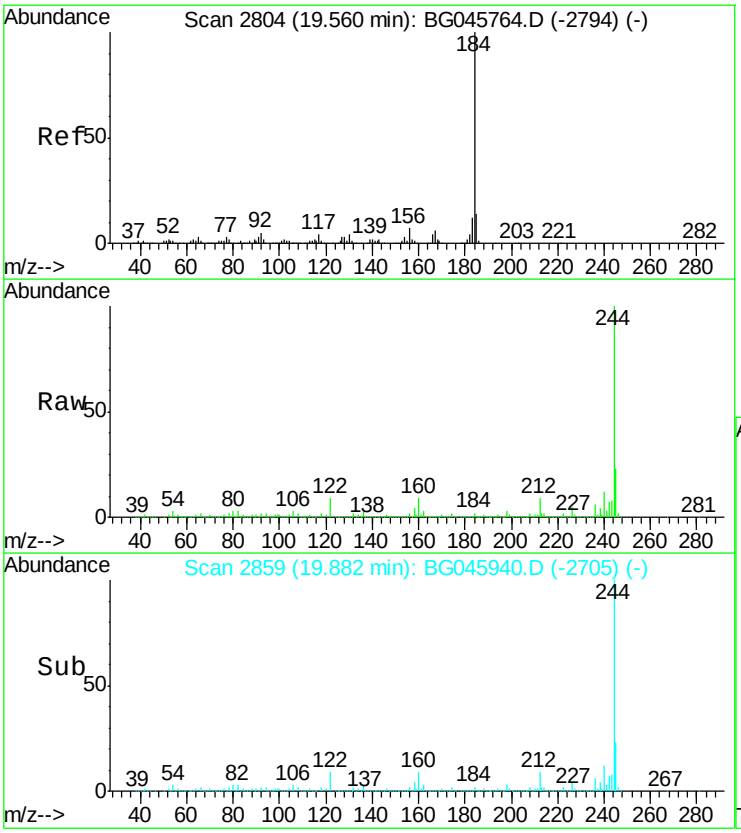

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

**Instrument :**
BNA_G
**ClientSampleId :**
CHASSIS-WASH

Tgt Ion:240 Resp: 332782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.8 | 5.2 | 7.8 |
| 236 | 24.9 | 20.8 | 31.2 |

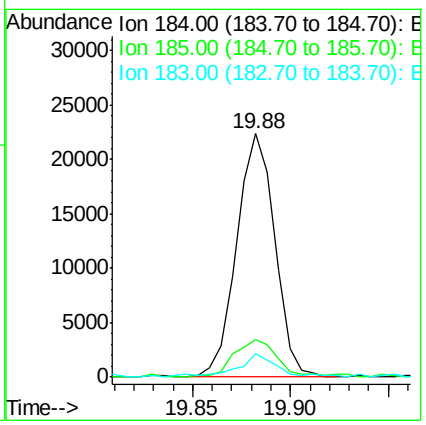


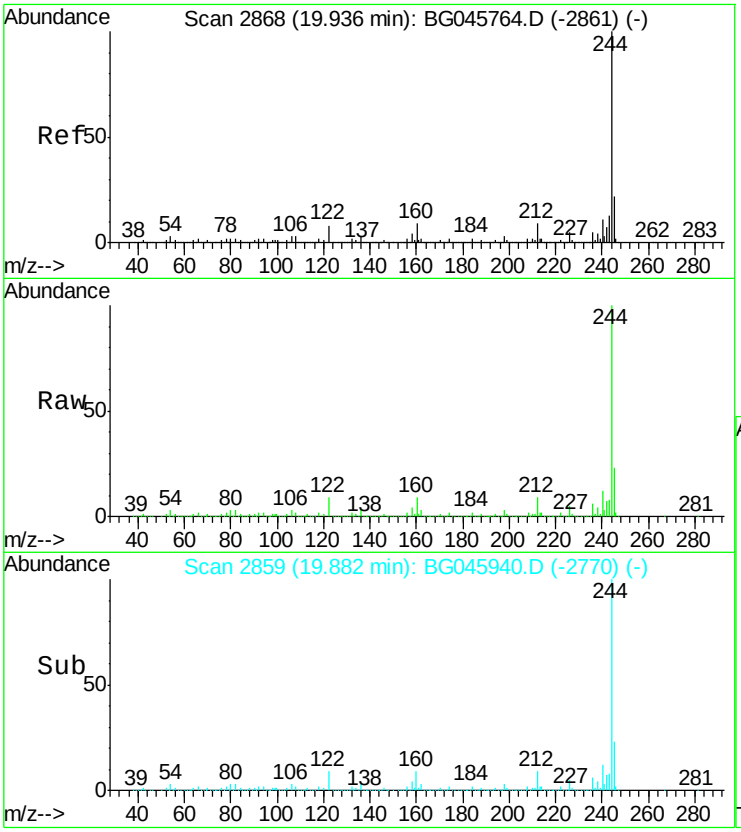




#77
Benzidine
Concen: 3.498 ng
RT: 19.88 min Scan# 2859
Delta R.T. 0.38 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

Tgt Ion:184 Resp: 30260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.5 | 11.1 | 16.7 |
| 183 | 9.4 | 10.6 | 15.8# |



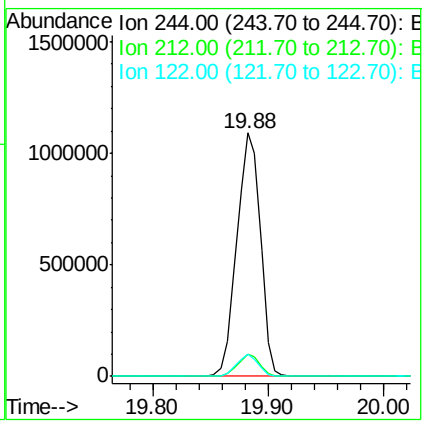


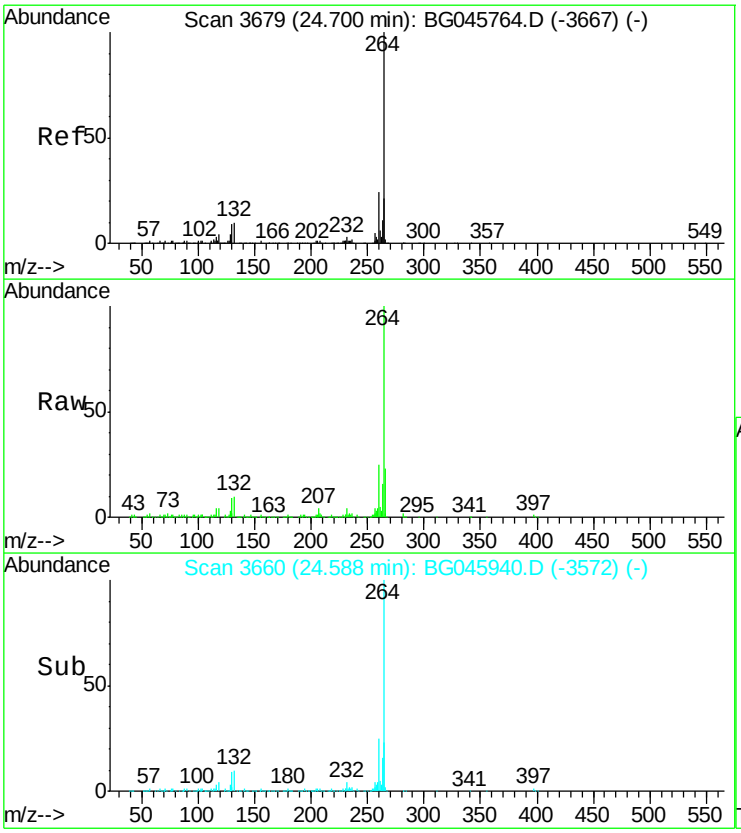

#79
Terphenyl-d14
Concen: 93.854 ng
RT: 19.88 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

**Instrument :**
BNA_G
**ClientSampleId :**
CHASSIS-WASH

Tgt Ion:244 Resp: 1541161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.1 | 7.0 | 10.6 |
| 122 | 9.1 | 6.6 | 9.8 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.59 min Scan# 3660
Delta R.T. -0.01 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

Tgt Ion:264 Resp: 339151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.8 | 18.5 | 27.7 |
| 265 | 23.2 | 16.4 | 24.6 |