Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
Data File : BG042695.D
Acq On : 3 Sep 2019 19:07
Operator : HP/JU
Sample : K4603-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PAR-E1-E4-(0-3.11)

Quant Time: Sep 04 04:53:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.00 | 152 | 33949 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.82 | 136 | 133892 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.65 | 164 | 104471 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.41 | 188 | 239610 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.69 | 240 | 260397 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 24.93 | 264 | 307665 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.55 | 112 | 185359 | 110.58 | ng | | 0.00 |
| 7) Phenol-d6 | 7.16 | 99 | 246964 | 109.07 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.17 | 82 | 139938 | 72.22 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.15 | 330 | 170903 | 115.10 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.27 | 172 | 398887 | 64.58 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.02 | 244 | 743042 | 61.69 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 7.19 | 94 | 8019 | 3.483 | ng | | 79 |
| 50) Dimethylphthalate | 14.11 | 163 | 41452 | 5.499 | ng | # | 96 |

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
Data File : BG042695.D
Acq On : 3 Sep 2019 19:07
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Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PAR-E1-E4-(0-3.11)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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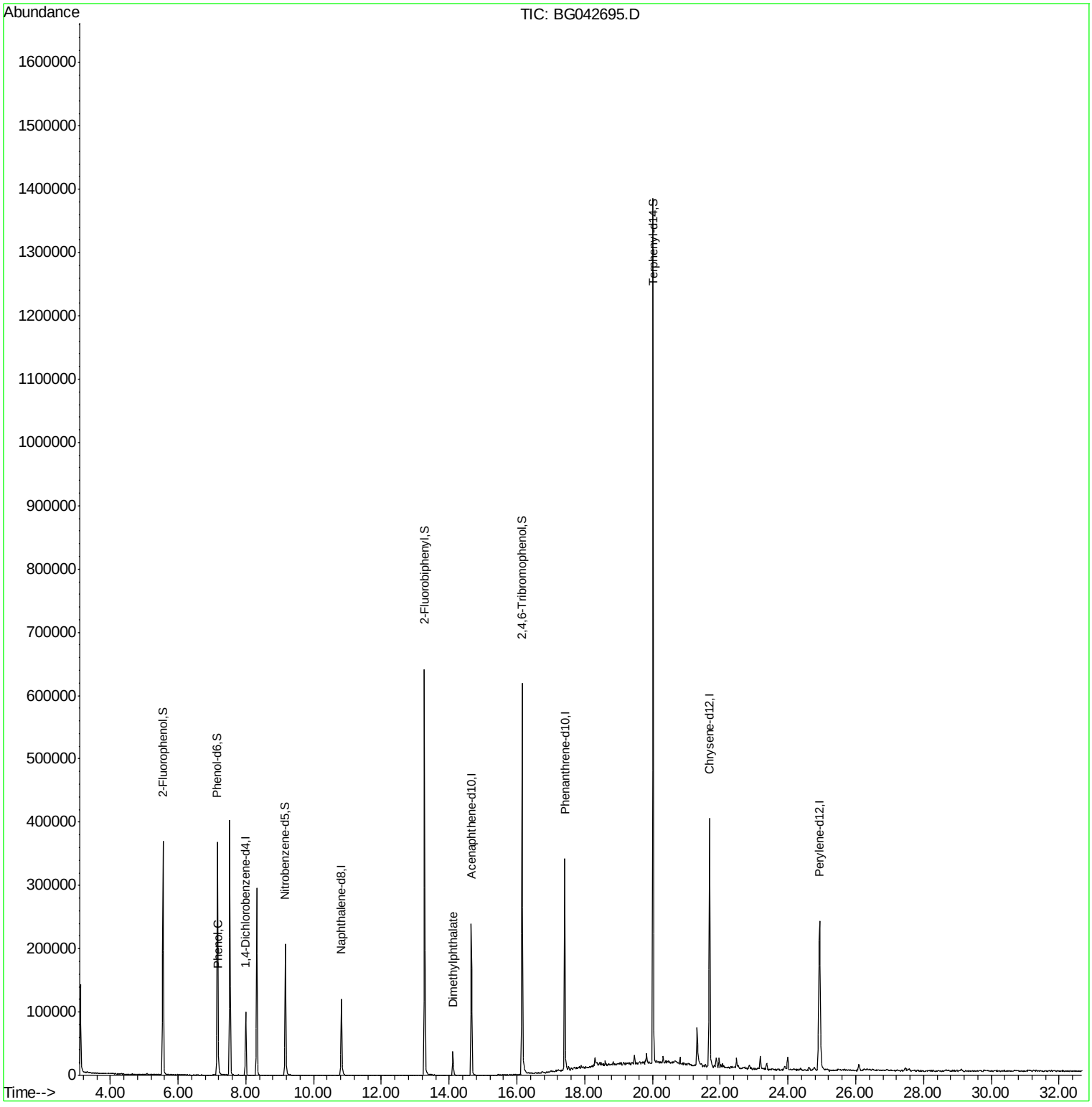
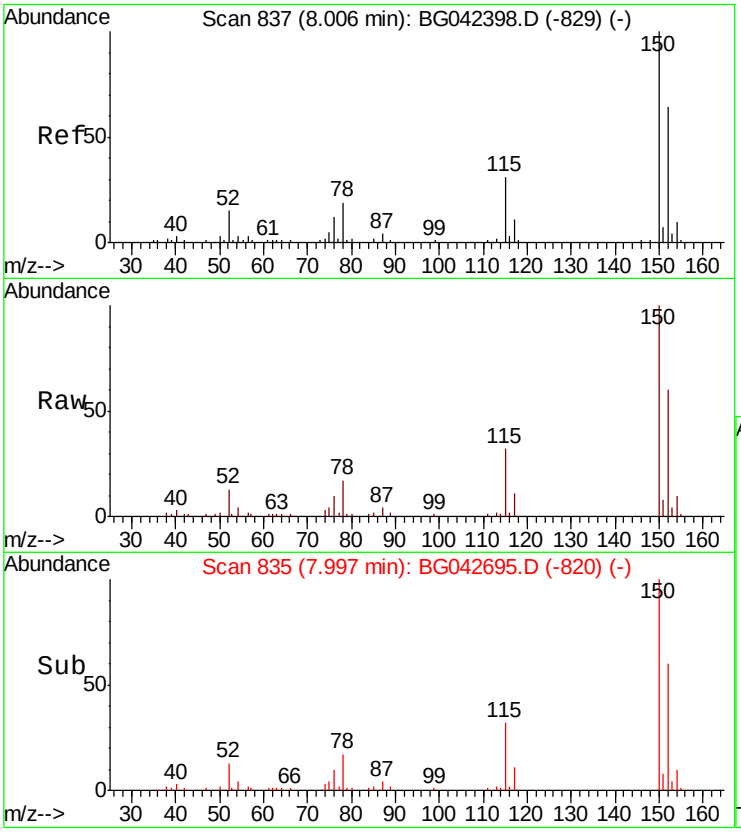


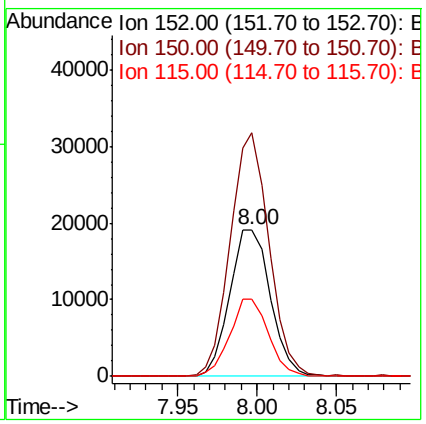


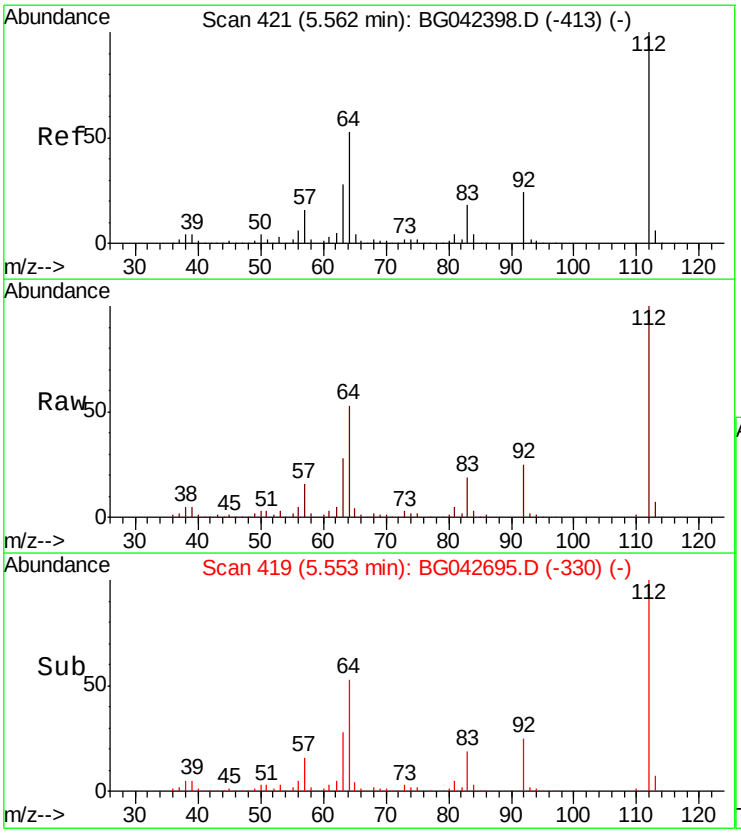

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

**Instrument :**
BNA_G
**ClientSampleId :**
PAR-E1-E4-(0-3.11)

Tgt Ion:152 Resp: 33949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 165.9 | 125.4 | 188.0 |
| 115 | 53.0 | 38.5 | 57.7 |

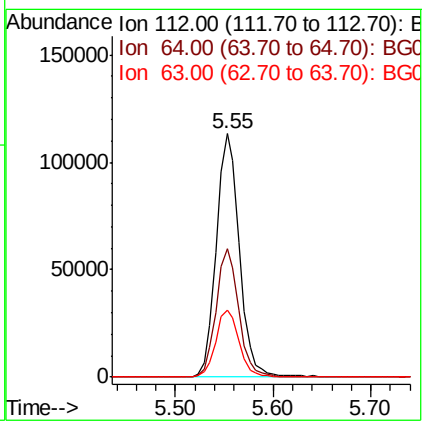


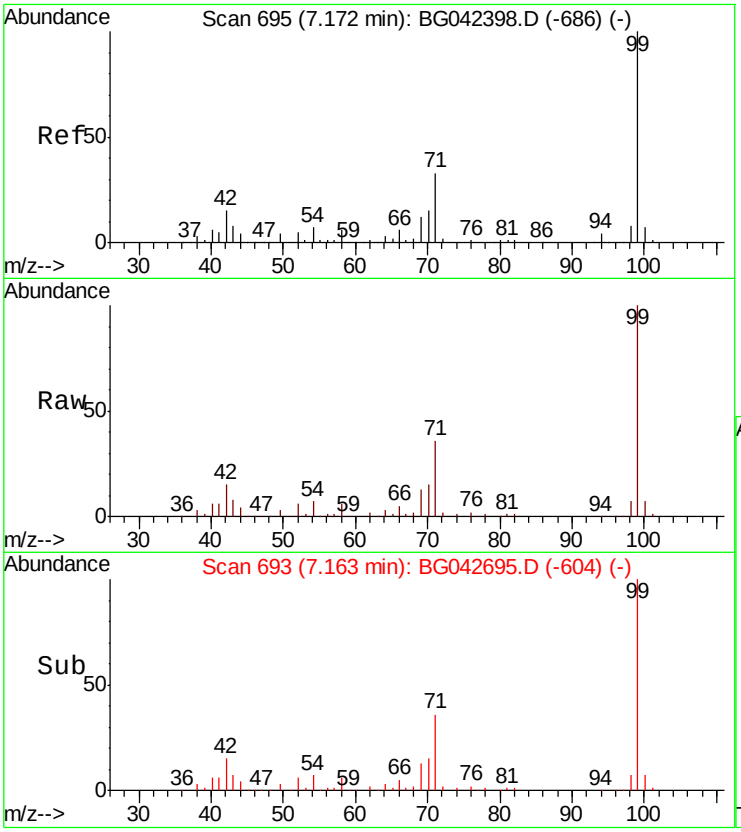




#5
2-Fluorophenol
Concen: 110.579 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

Tgt Ion:112 Resp: 185359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 52.6 | 42.8 | 64.2 |
| 63 | 27.5 | 22.7 | 34.1 |



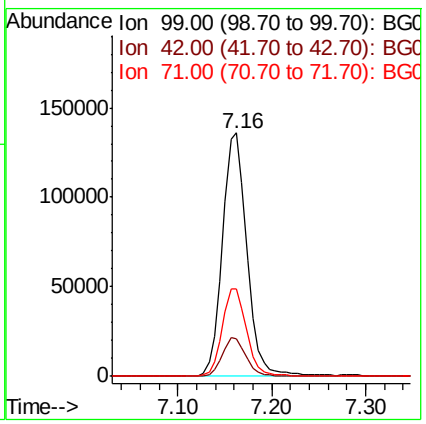


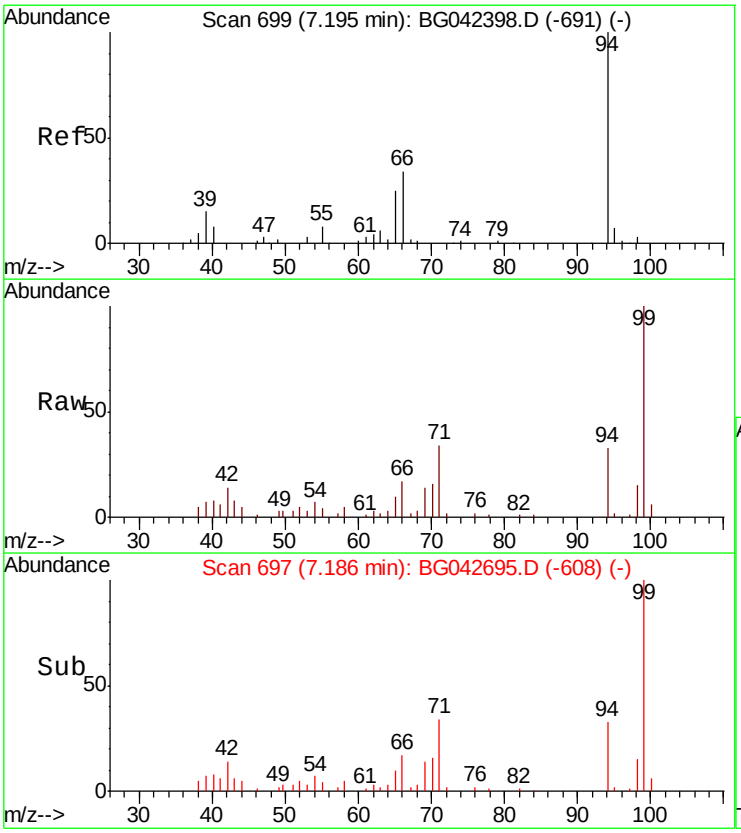

#7
Phenol-d6
Concen: 109.072 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

**Instrument :**
BNA_G
**ClientSampleId :**
PAR-E1-E4-(0-3.11)

Tgt Ion: 99 Resp: 246964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.2 | 12.0 | 18.0 |
| 71 | 35.9 | 26.3 | 39.5 |

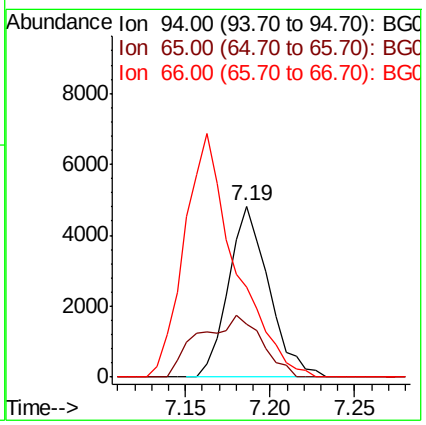


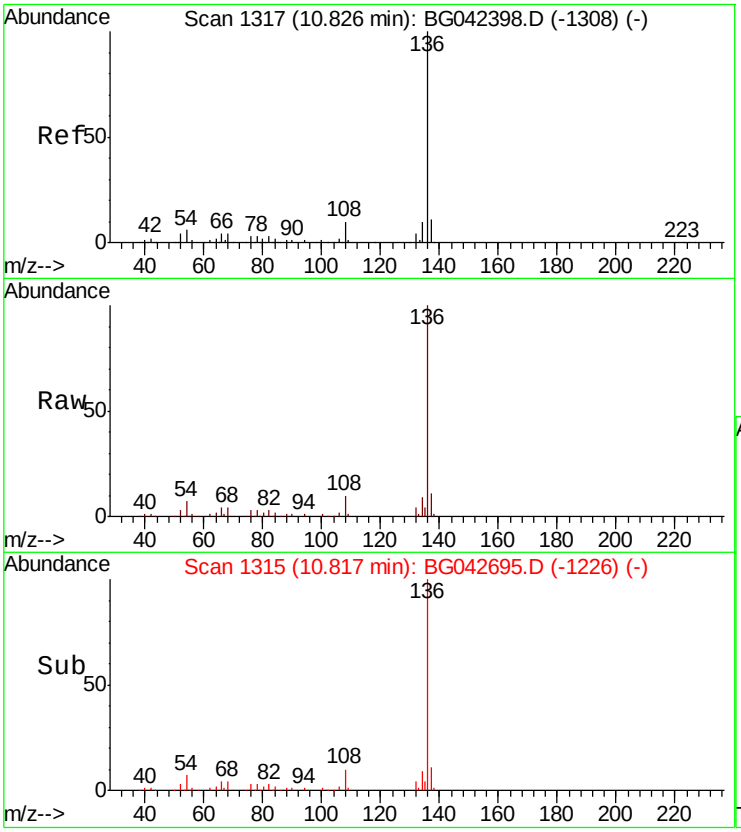




#10
Phenol
Concen: 3.483 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

Tgt Ion: 94 Resp: 8019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.1 | 5.6 | 45.6 |
| 66 | 52.5 | 16.0 | 56.0 |



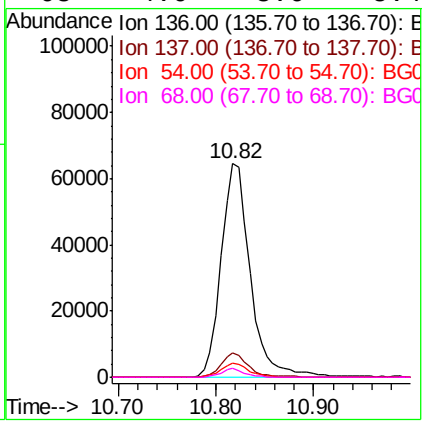


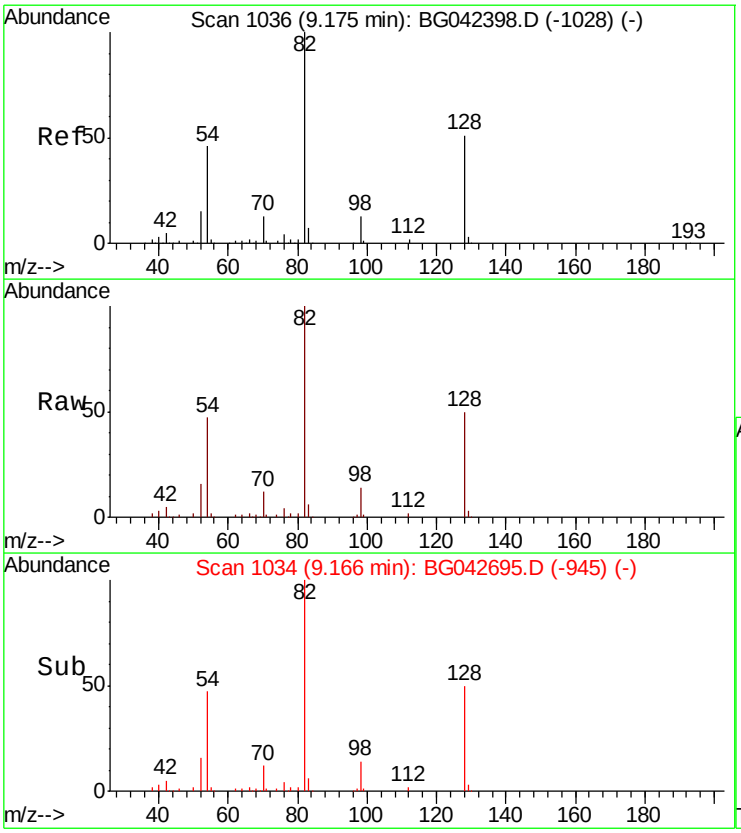

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

**Instrument :**
BNA_G
**ClientSampleId :**
PAR-E1-E4-(0-3.11)

Tgt Ion:136 Resp: 133892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.7 | 13.1 |
| 54 | 6.5 | 4.9 | 7.3 |
| 68 | 4.0 | 3.6 | 5.4 |

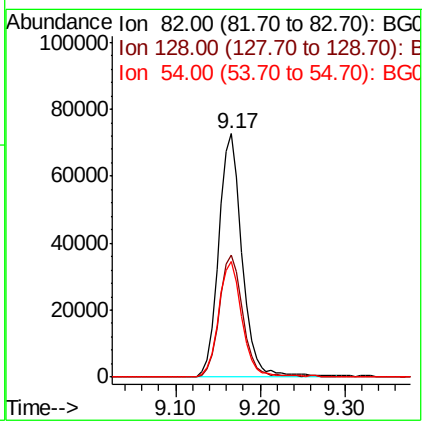


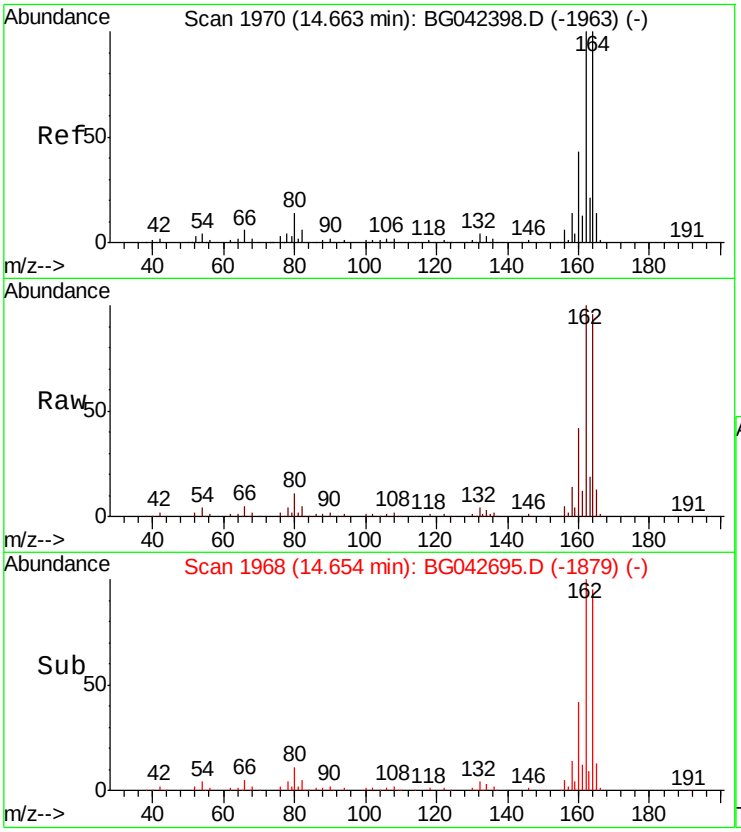




#23
Nitrobenzene-d5
Concen: 72.224 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

Tgt Ion: 82 Resp: 139938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 50.1 | 40.7 | 61.1 |
| 54 | 47.4 | 36.3 | 54.5 |



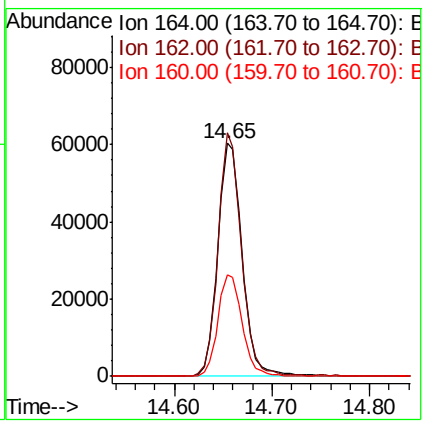


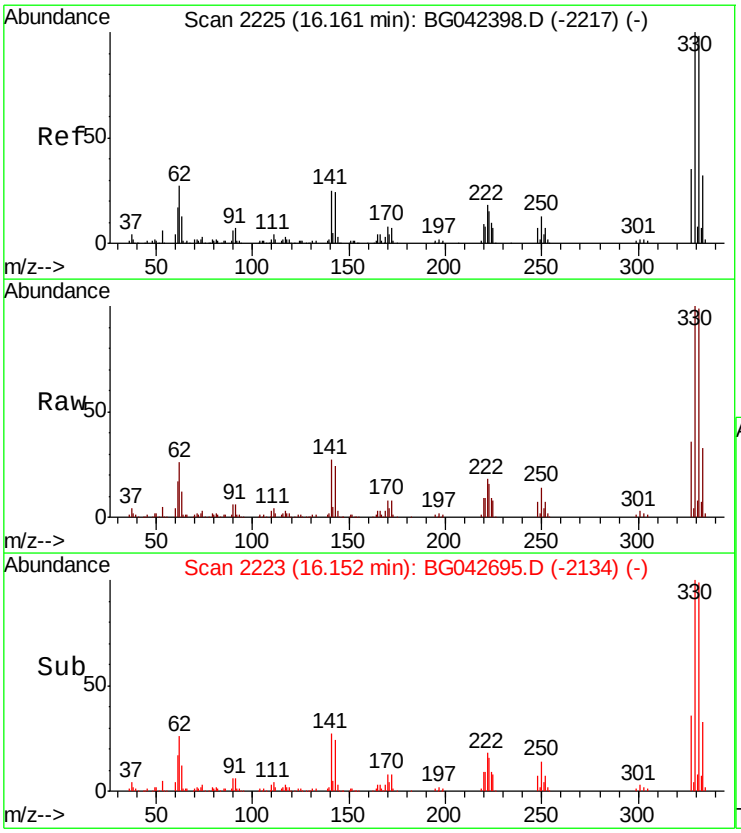

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

**Instrument :**
BNA_G
**ClientSampleId :**
PAR-E1-E4-(0-3.11)

Tgt Ion:164 Resp: 104471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.5 | 79.9 | 119.9 |
| 160 | 43.6 | 34.3 | 51.5 |

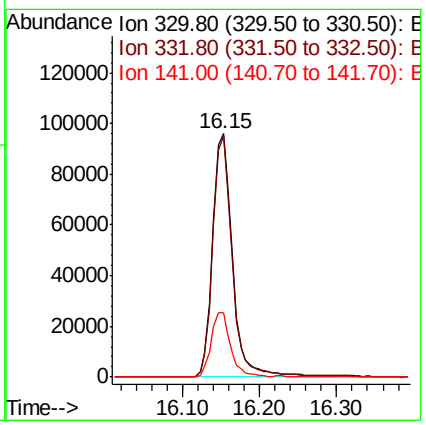


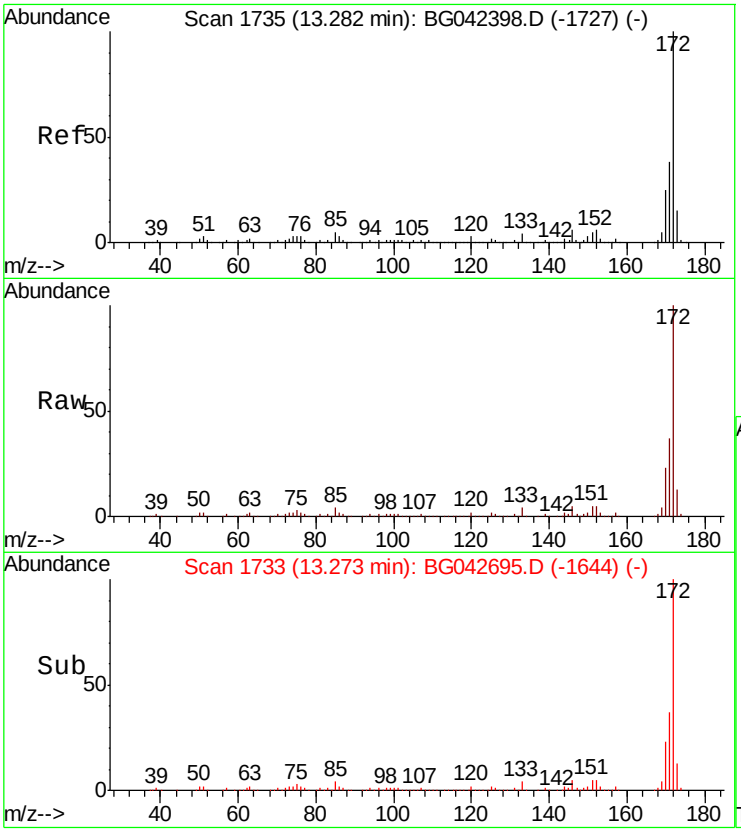




#42
2,4,6-Tribromophenol
Concen: 115.095 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

Tgt Ion:330 Resp: 170903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.1 | 77.4 | 116.0 |
| 141 | 26.0 | 21.4 | 32.0 |



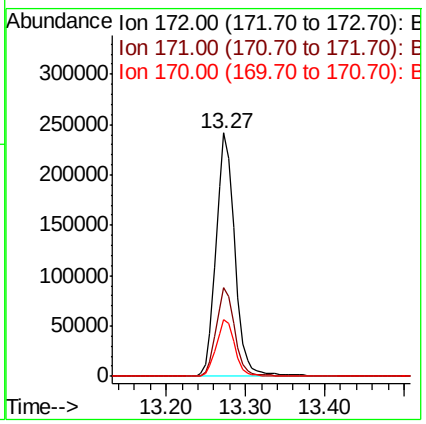


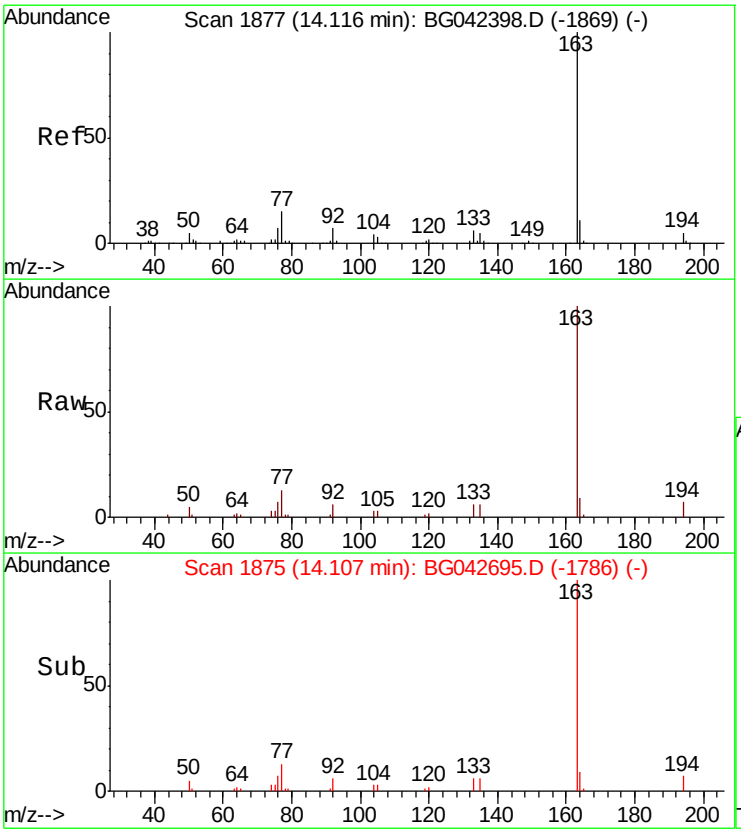

#45
2-Fluorobiphenyl
Concen: 64.576 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

**Instrument :**
BNA_G
**ClientSampleId :**
PAR-E1-E4-(0-3.11)

Tgt Ion:172 Resp: 398887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.6 | 30.5 | 45.7 |
| 170 | 23.1 | 20.2 | 30.2 |

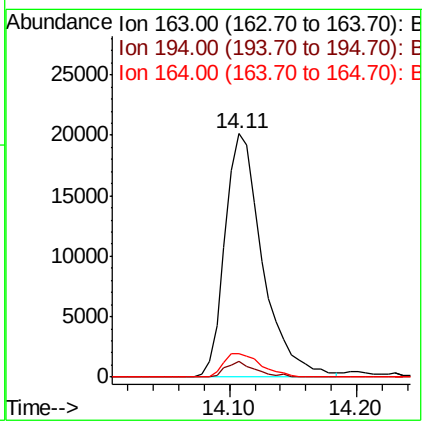


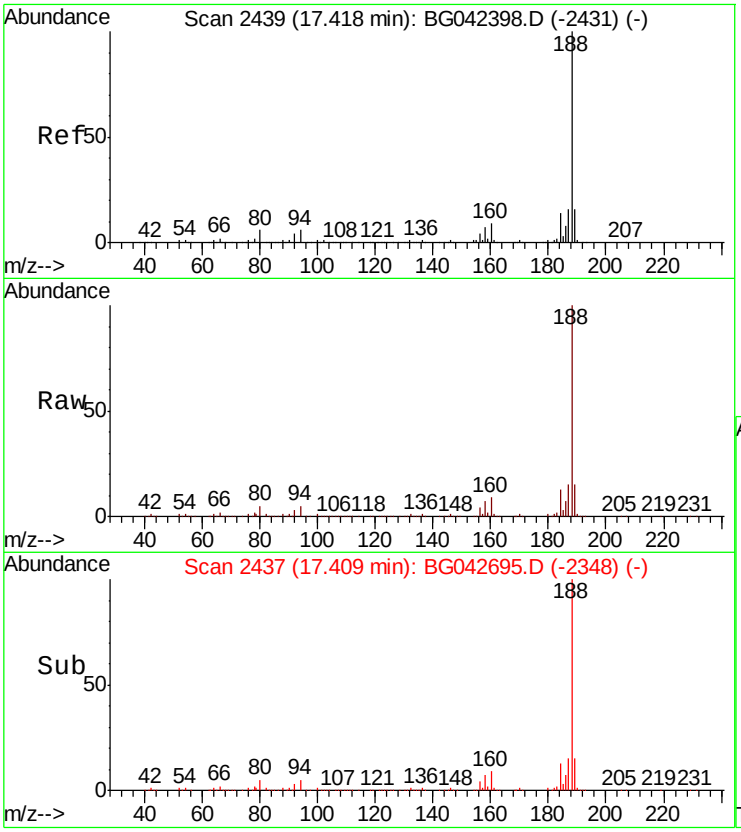




#50
Dimethylphthalate
Concen: 5.499 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

Tgt Ion:163 Resp: 41452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 6.5 | 4.2 | 6.2# |
| 164 | 9.5 | 8.8 | 13.2 |



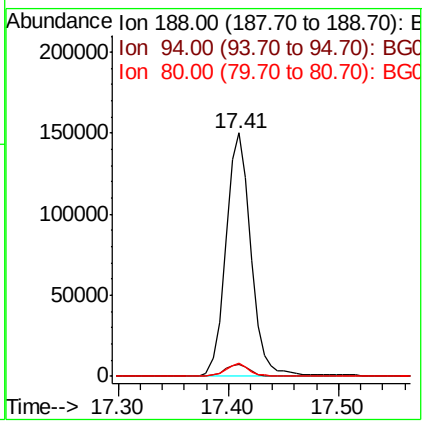


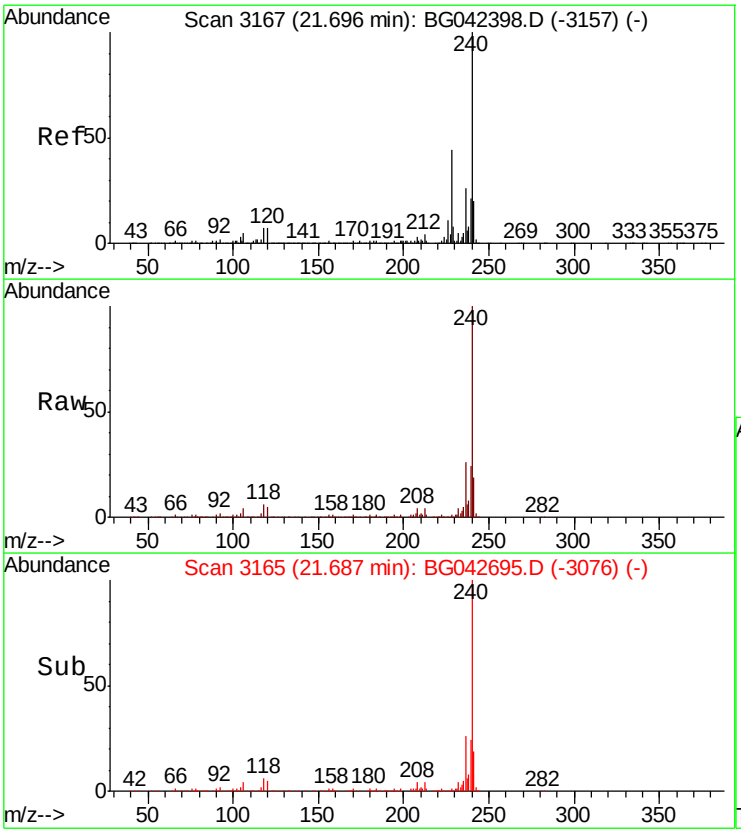

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

**Instrument :**
BNA_G
**ClientSampleId :**
PAR-E1-E4-(0-3.11)

Tgt Ion:188 Resp: 239610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 4.7 | 4.5 | 6.7 |
| 80 | 5.3 | 4.9 | 7.3 |

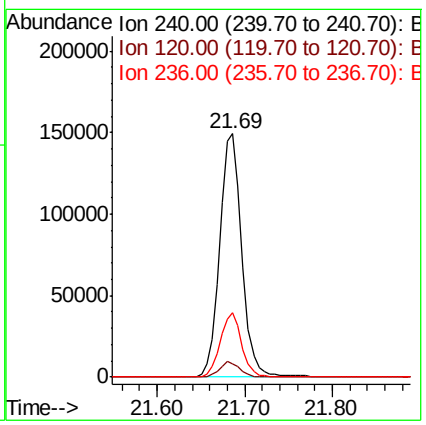


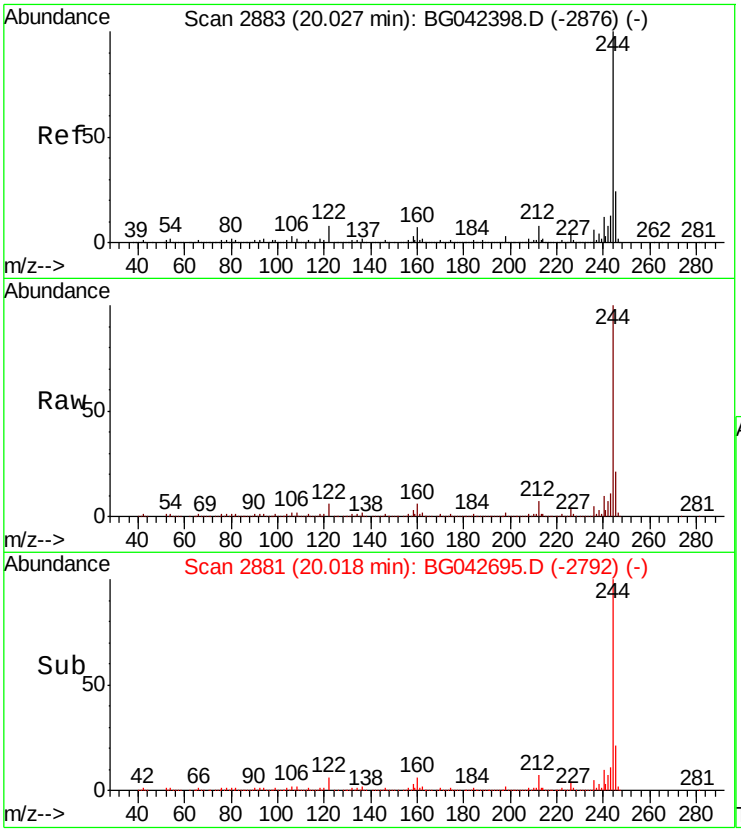




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

Tgt Ion:240 Resp: 260397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.5 | 5.7 | 8.5# |
| 236 | 26.2 | 21.0 | 31.4 |



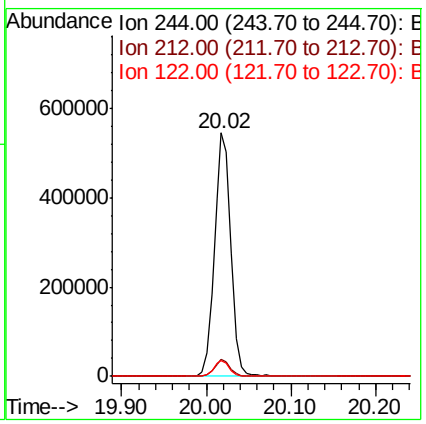


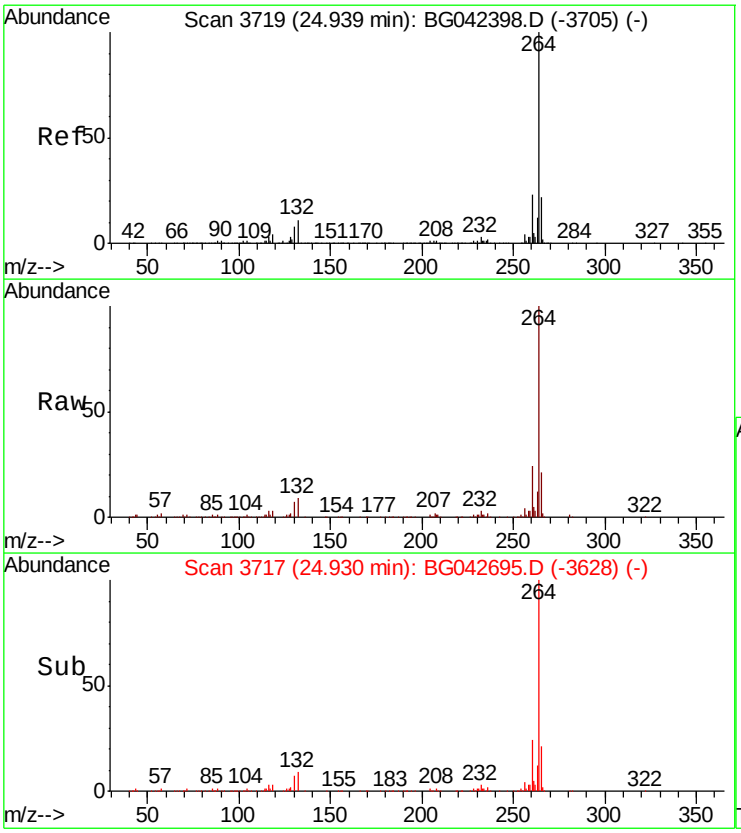

#79
Terphenyl-d14
Concen: 61.690 ng
RT: 20.02 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

**Instrument :**
BNA_G
**ClientSampleId :**
PAR-E1-E4-(0-3.11)

Tgt Ion:244 Resp: 743042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.9 | 6.0 | 9.0 |
| 122 | 6.4 | 6.7 | 10.1# |




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

Tgt Ion:264 Resp: 307665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 18.5 | 27.7 |
| 265 | 21.1 | 17.6 | 26.4 |