Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
Data File : BG041092.D
Acq On : 6 Jun 2019 15:36
Operator : HP/JU
Sample : K3076-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** FESB-07(5-5.5)

Quant Time: Jun 06 23:46:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.11 | 152 | 53069 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.93 | 136 | 203420 | 20.00 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 14.74 | 164 | 135007 | 20.00 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 17.49 | 188 | 336682 | 20.00 | ng | | -0.02 |
| 76) Chrysene-d12 | 21.76 | 240 | 352914 | 20.00 | ng | | -0.02 |
| 87) Perylene-d12 | 25.10 | 264 | 388824 | 20.00 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.65 | 112 | 353562 | 120.14 | ng | | -0.01 |
| 7) Phenol-d6 | 7.26 | 99 | 514401 | 113.17 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 9.29 | 82 | 351407 | 76.69 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.23 | 330 | 246890 | 123.18 | ng | | -0.02 |
| 45) 2-Fluorobiphenyl | 13.37 | 172 | 690882 | 73.70 | ng | | -0.02 |
| 79) Terphenyl-d14 | 20.08 | 244 | 915694 | 55.07 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 50) Dimethylphthalate | 14.18 | 163 | 128174 | 11.215 | ng | | 99 |
| 75) Fluoranthene | 19.53 | 202 | 88602 | 4.090 | ng | | 97 |
| 78) Pyrene | 19.89 | 202 | 85187 | 3.713 | ng | | 96 |
| 83) Chrysene | 21.81 | 228 | 50786 | 2.259 | ng | | 96 |
| 88) Benzo(b)fluoranthene | 24.03 | 252 | 86528 | 3.669 | ng | # | 91 |
| 90) Benzo(a)pyrene | 24.94 | 252 | 56597 | 2.515 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 30.12 | 276 | 49360 | 2.260 | ng | # | 94 |

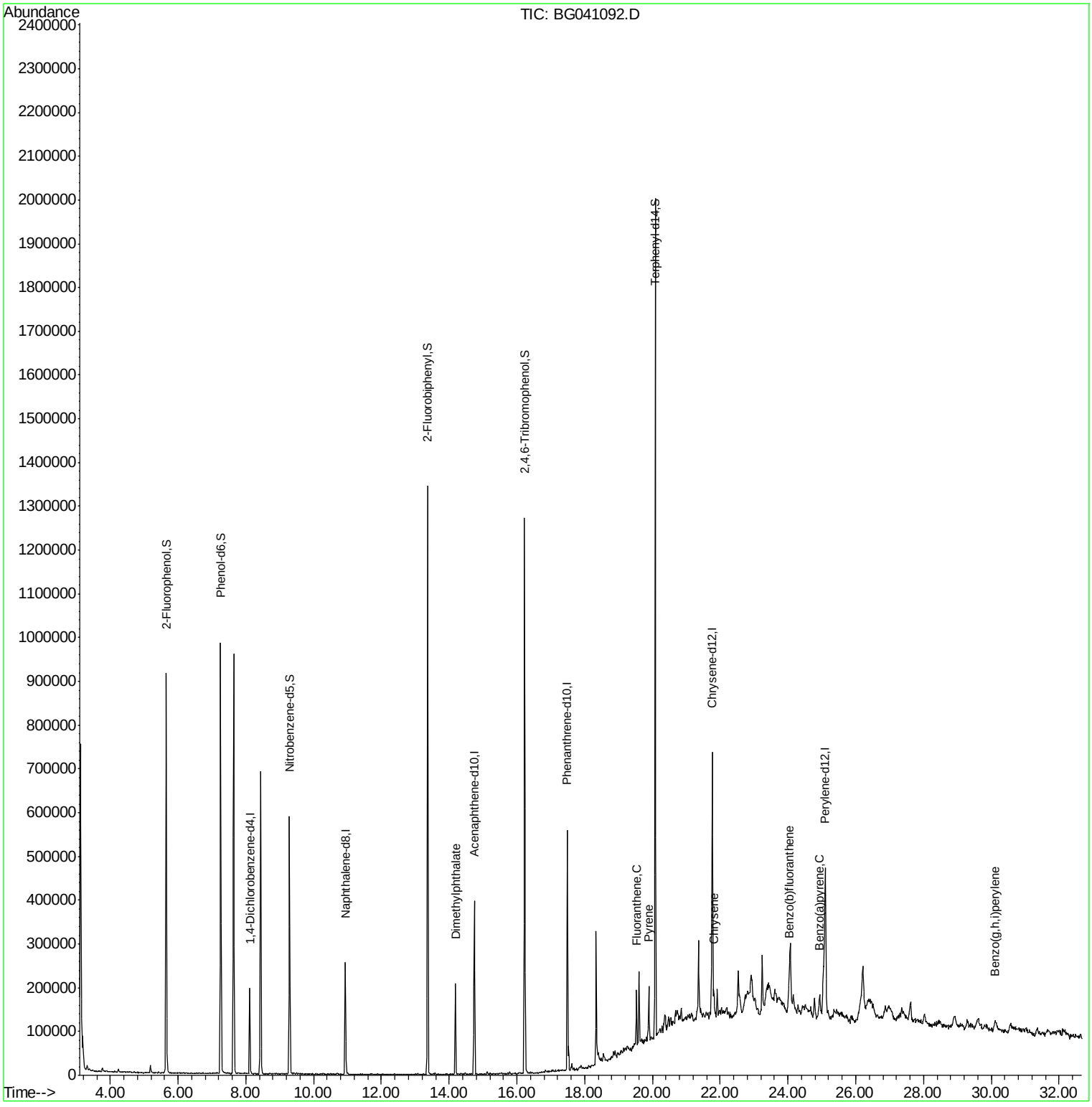
(#) = qualifier out of range (m) = manual integration (+) = signals summed

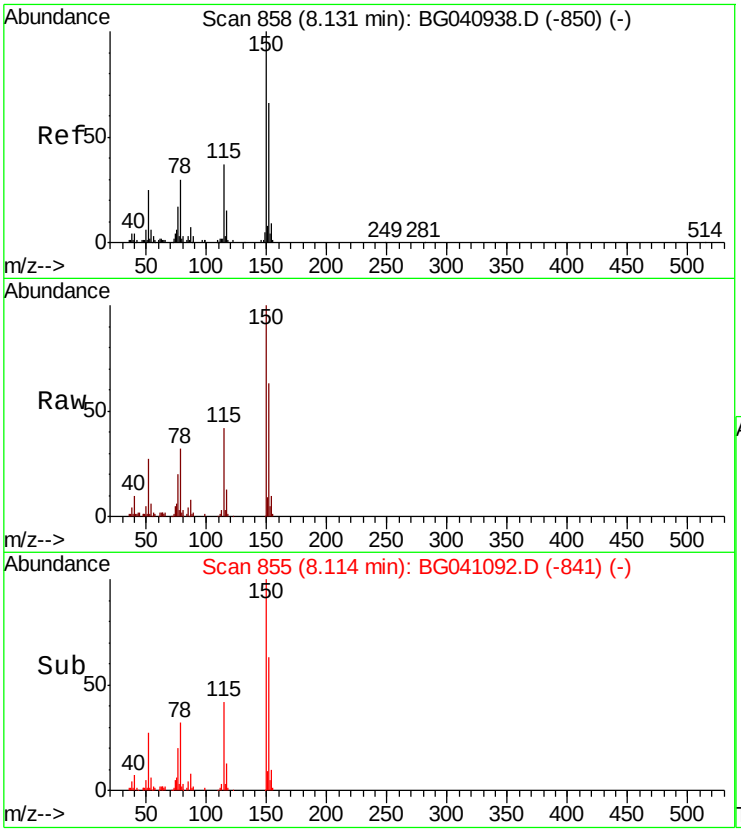
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
Data File : BG041092.D
Acq On : 6 Jun 2019 15:36
Operator : HP/JU
Sample : K3076-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
FESB-07(5-5.5)

Quant Time: Jun 06 23:46:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration



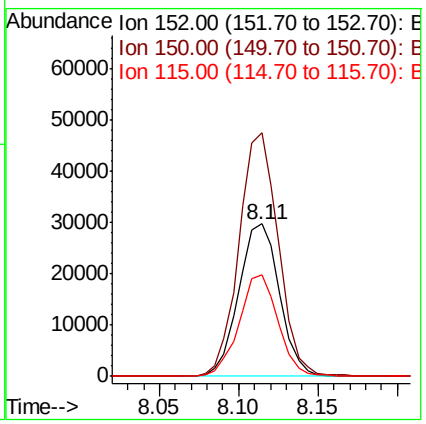


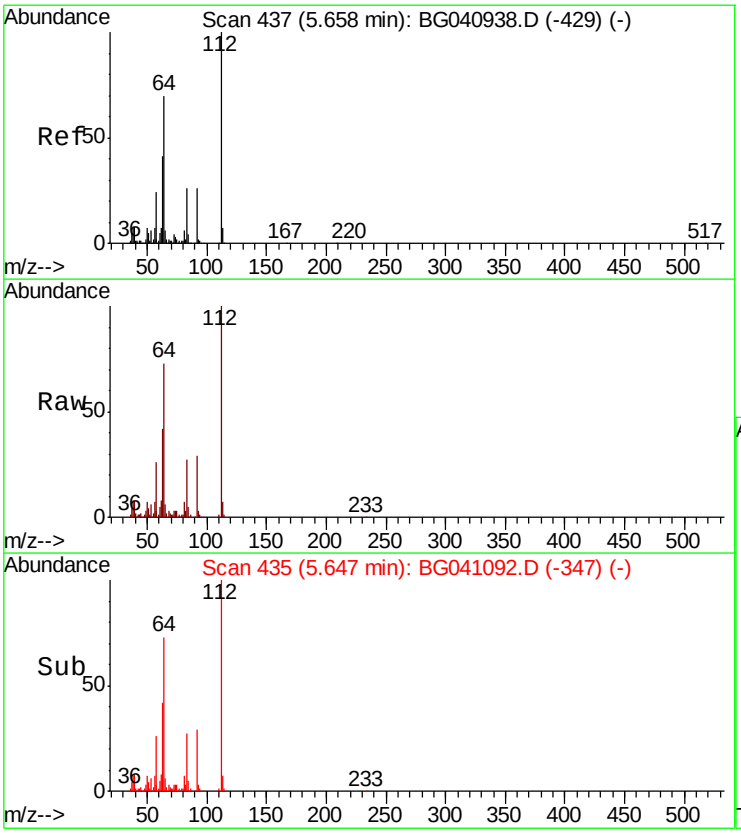

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

**Instrument :**
BNA_G
**ClientSampleId :**
FESB-07(5-5.5)

Tgt Ion:152 Resp: 53069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.6 | 120.6 | 180.8 |
| 115 | 66.5 | 45.1 | 67.7 |

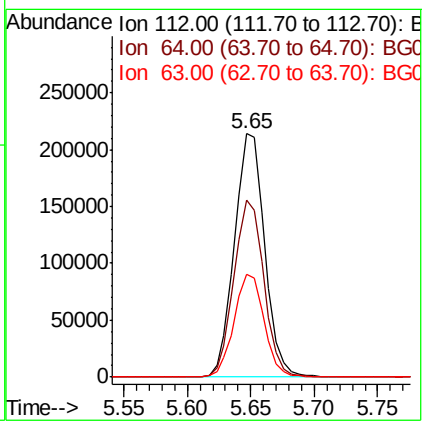


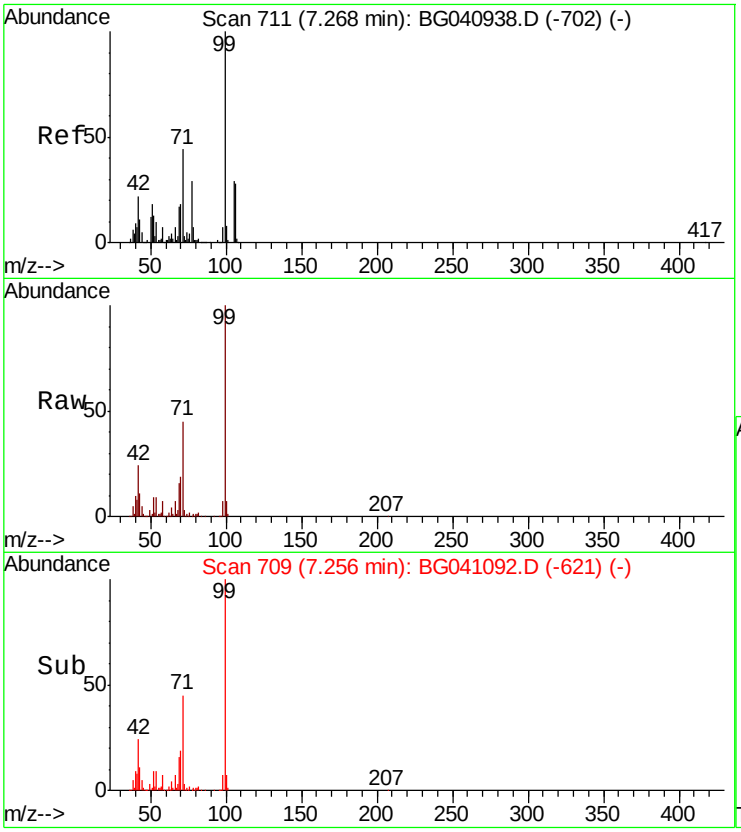




#5
2-Fluorophenol
Concen: 120.135 ng
RT: 5.65 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Tgt Ion:112 Resp: 353562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 72.7 | 56.2 | 84.2 |
| 63 | 42.4 | 32.8 | 49.2 |



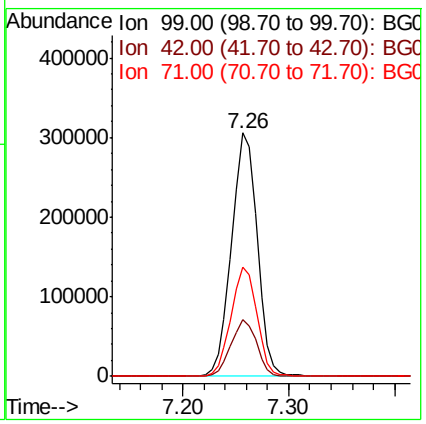


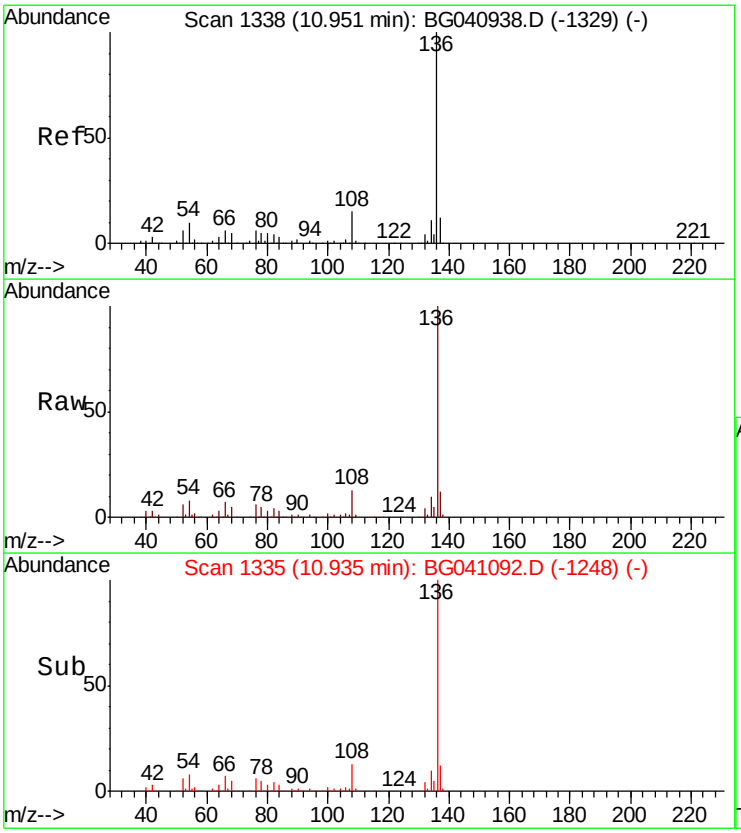

#7
Phenol-d6
Concen: 113.175 ng
RT: 7.26 min Scan# 709
Delta R.T. -0.01 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

**Instrument :**
BNA_G
**ClientSampleId :**
FESB-07(5-5.5)

Tgt Ion: 99 Resp: 514401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.5 | 17.9 | 26.9 |
| 71 | 44.7 | 35.4 | 53.0 |

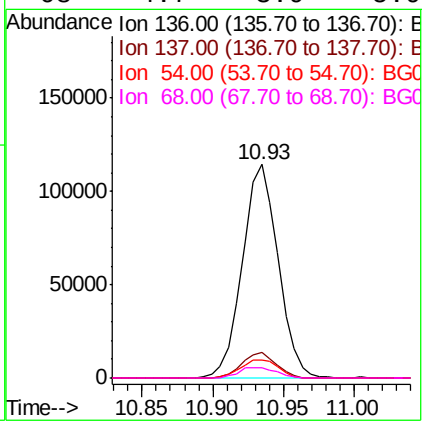


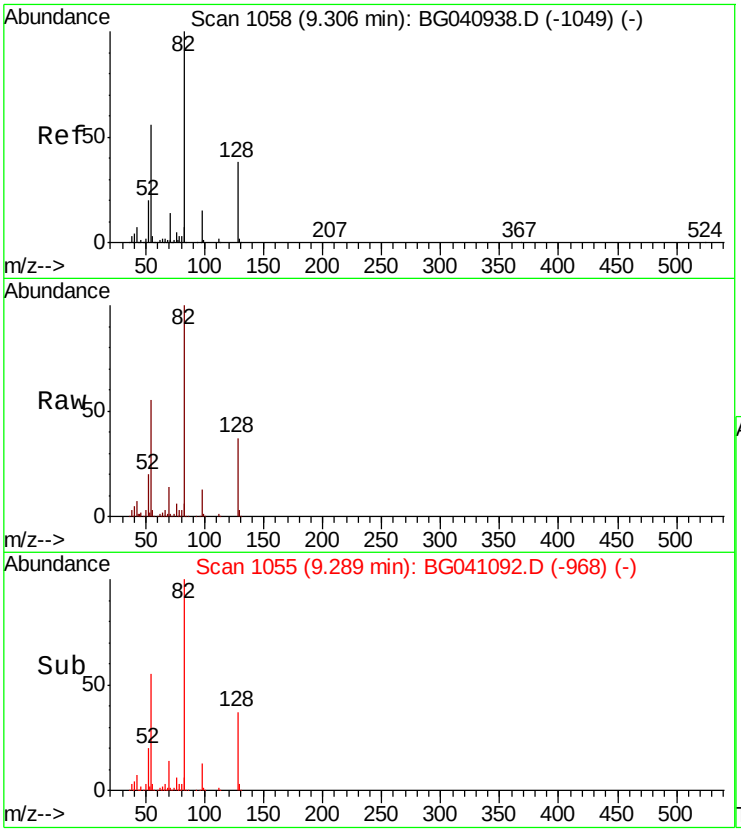




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Tgt Ion:136 Resp: 203420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.8 | 9.5 | 14.3 |
| 54 | 8.1 | 7.6 | 11.4 |
| 68 | 4.7 | 3.9 | 5.9 |



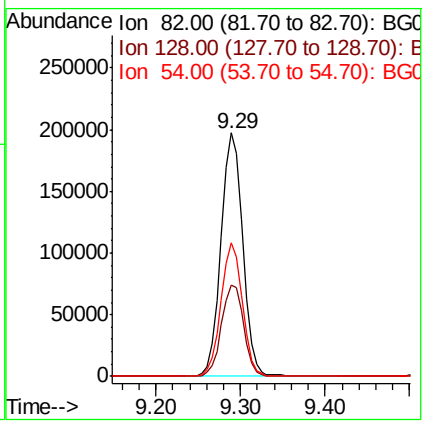


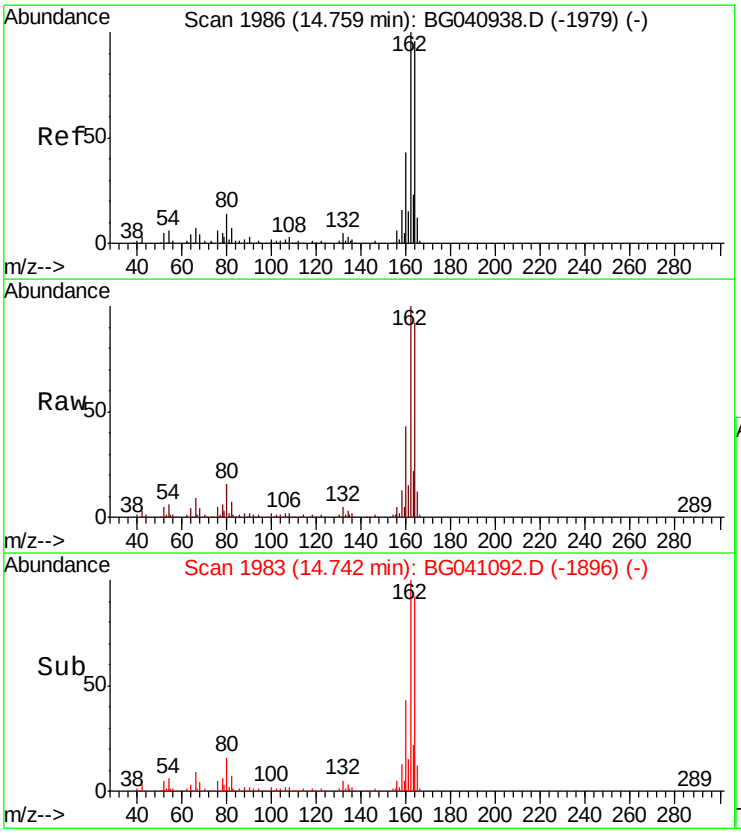

#23
Nitrobenzene-d5
Concen: 76.690 ng
RT: 9.29 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

**Instrument :**
BNA_G
**ClientSampleId :**
FESB-07(5-5.5)

Tgt Ion: 82 Resp: 351407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 37.3 | 30.5 | 45.7 |
| 54 | 54.8 | 44.6 | 66.8 |

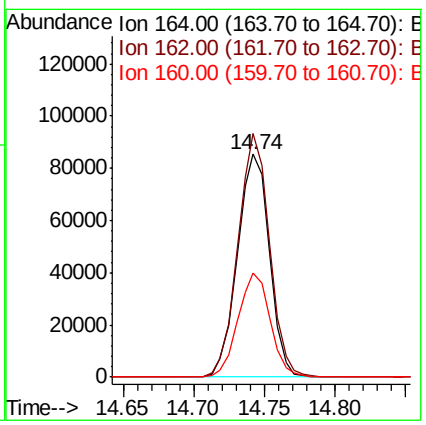


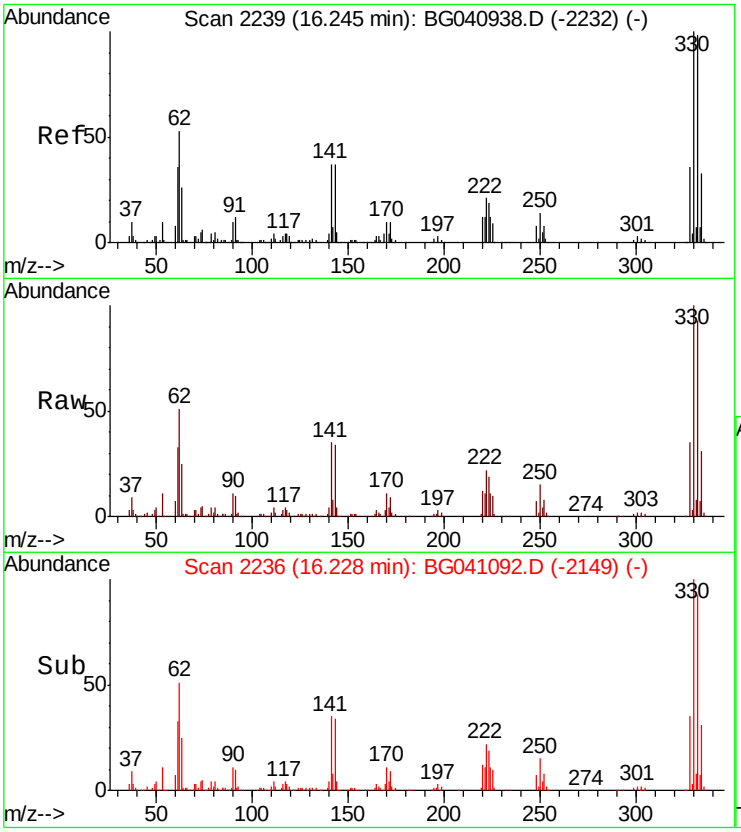




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Tgt Ion:164 Resp: 135007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 109.3 | 83.0 | 124.4 |
| 160 | 46.7 | 35.6 | 53.4 |



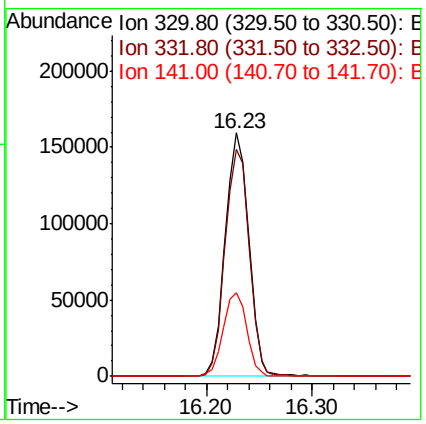


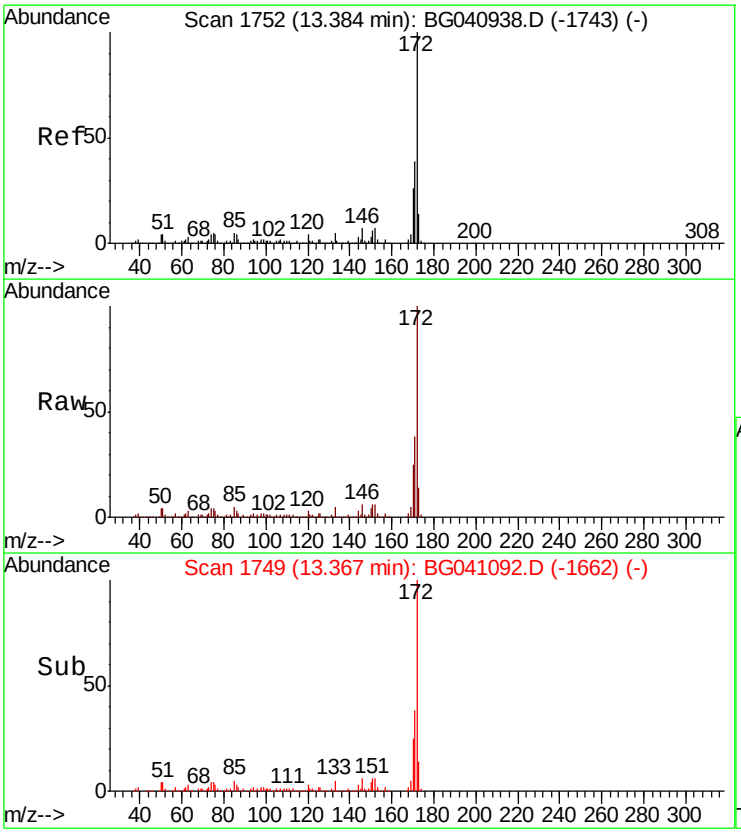

#42
2,4,6-Tribromophenol
Concen: 123.182 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

**Instrument :**
BNA_G
**ClientSampleId :**
FESB-07(5-5.5)

Tgt Ion:330 Resp: 246890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.5 | 78.5 | 117.7 |
| 141 | 34.5 | 28.7 | 43.1 |

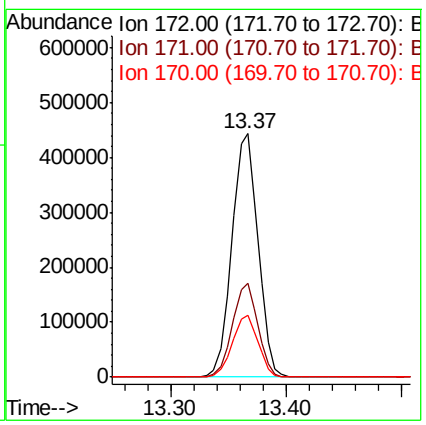


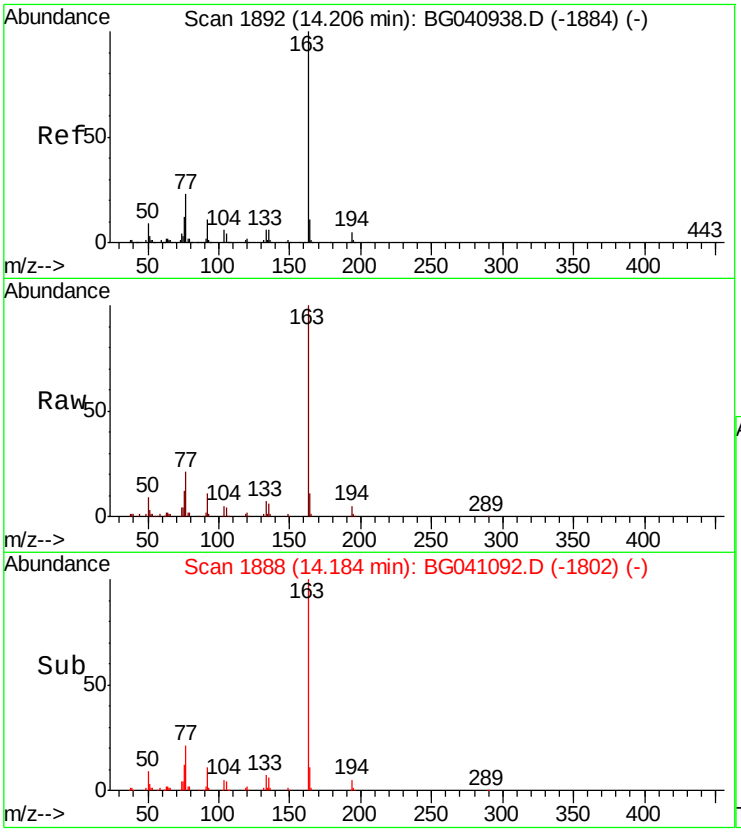




#45
2-Fluorobiphenyl
Concen: 73.696 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Tgt Ion:172 Resp: 690882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.5 | 31.1 | 46.7 |
| 170 | 25.2 | 20.5 | 30.7 |



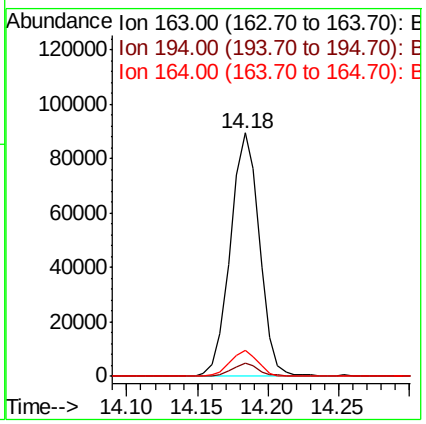


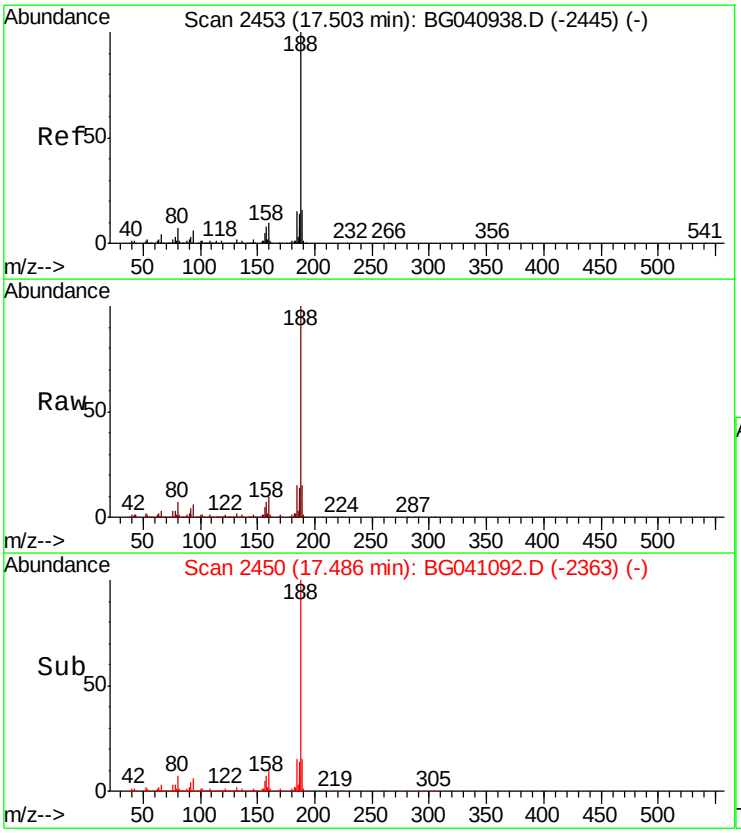

#50
Dimethylphthalate
Concen: 11.215 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

**Instrument :**
BNA_G
**ClientSampleId :**
FESB-07(5-5.5)

Tgt Ion:163 Resp: 128174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.4 | 3.8 | 5.8 |
| 164 | 10.8 | 8.7 | 13.1 |

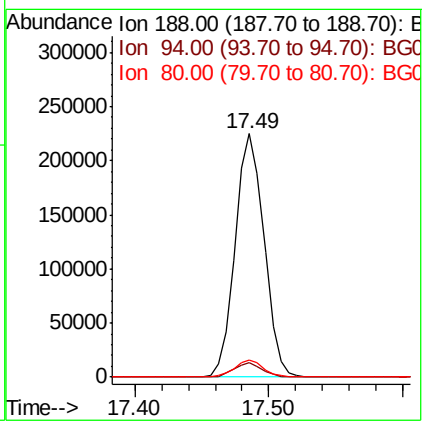


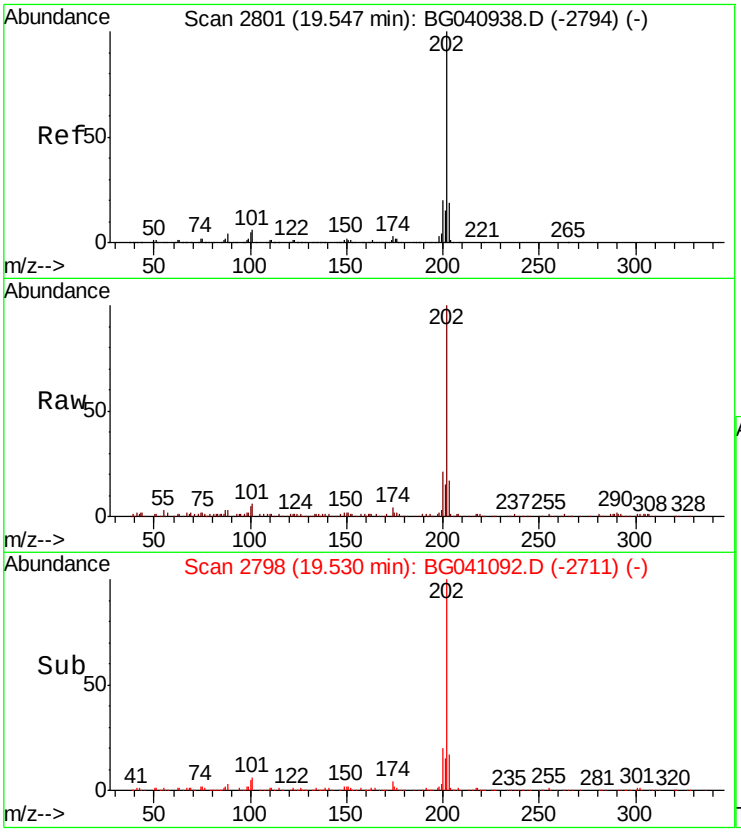




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2450
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Tgt Ion:188 Resp: 336682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.0 | 4.7 | 7.1 |
| 80 | 6.8 | 5.8 | 8.8 |



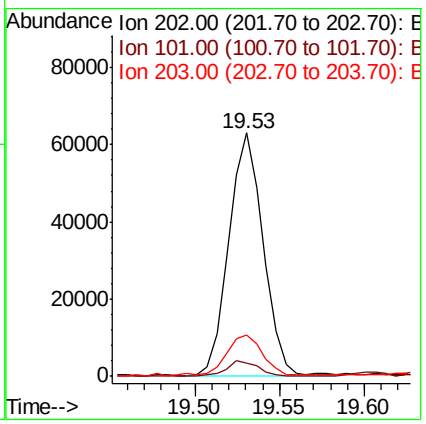


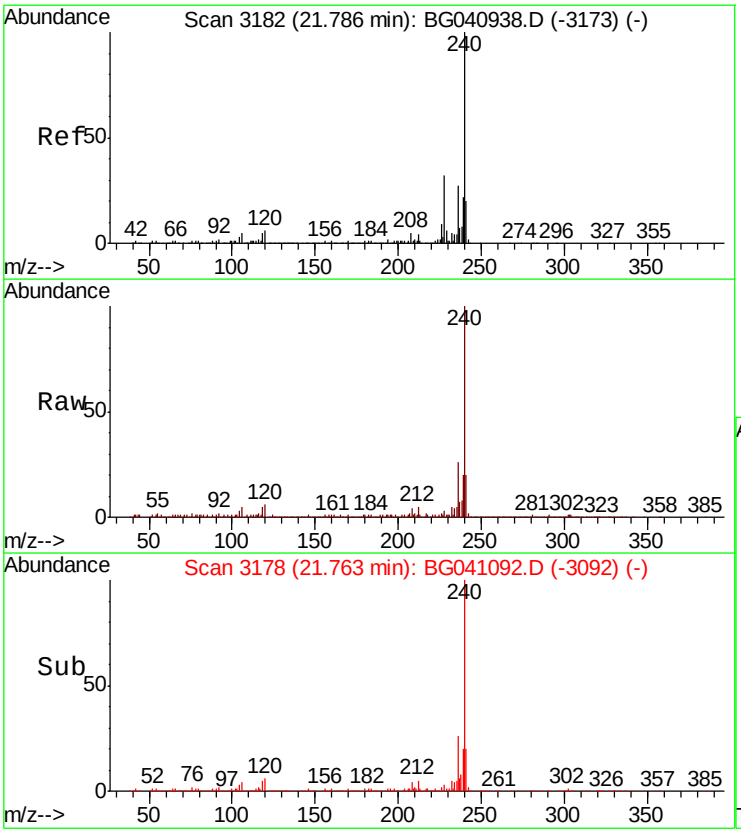

#75
Fluoranthene
Concen: 4.090 ng
RT: 19.53 min Scan# 2798
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

**Instrument :**
BNA_G
**ClientSampleId :**
FESB-07(5-5.5)

Tgt Ion:202 Resp: 88602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 5.7 | 0.0 | 26.2 |
| 203 | 17.2 | 0.0 | 38.7 |

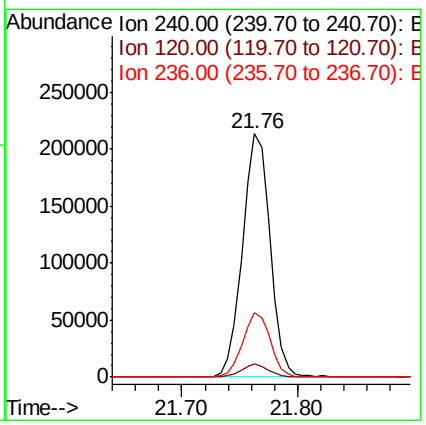


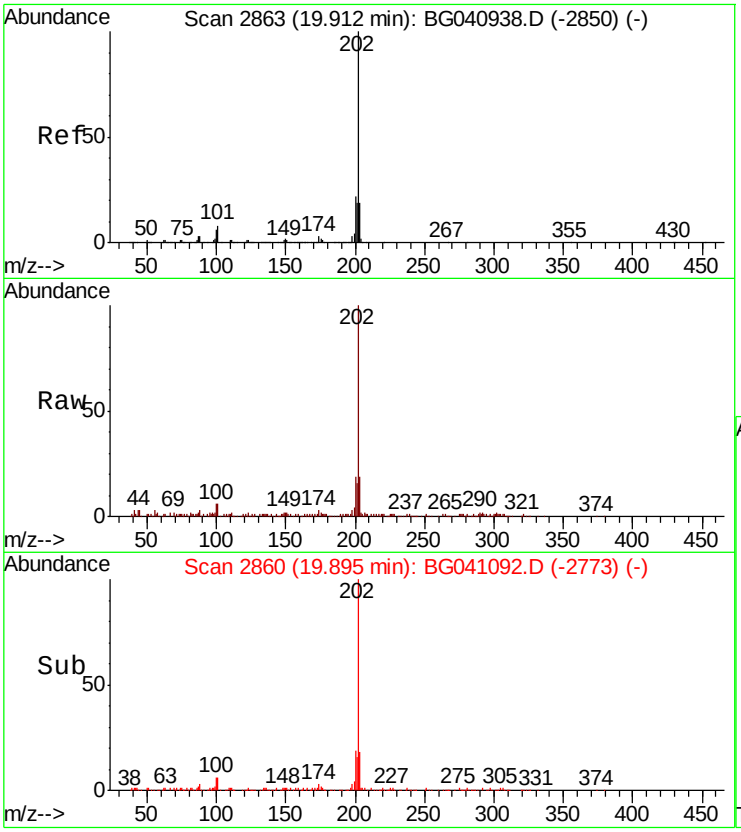




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Tgt Ion:240 Resp: 352914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.5 | 4.5 | 6.7 |
| 236 | 26.2 | 21.3 | 31.9 |



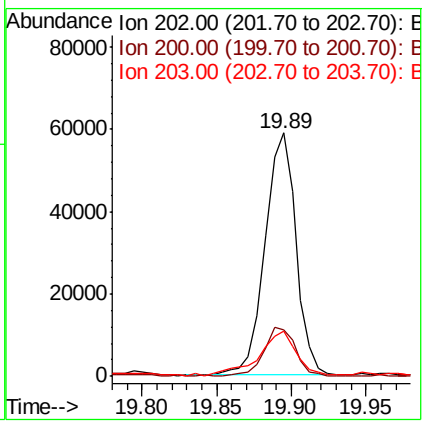


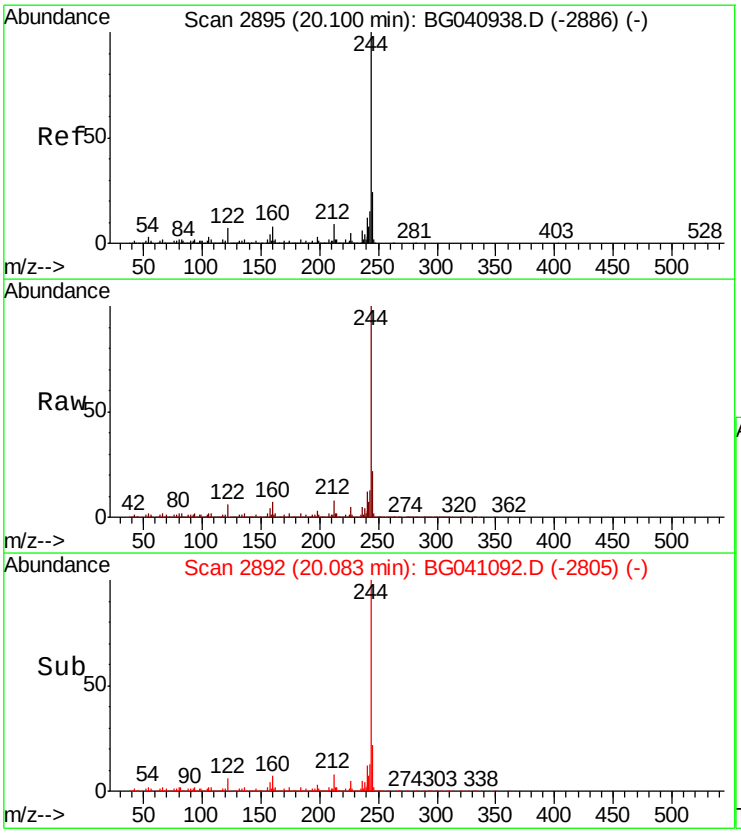

#78
Pyrene
Concen: 3.713 ng
RT: 19.89 min Scan# 2860
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

**Instrument :**
BNA_G
**ClientSampleId :**
FESB-07(5-5.5)

Tgt Ion:202 Resp: 85187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.1 | 17.5 | 26.3 |
| 203 | 18.6 | 15.6 | 23.4 |

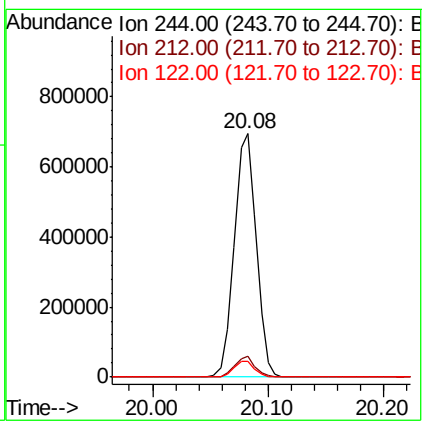


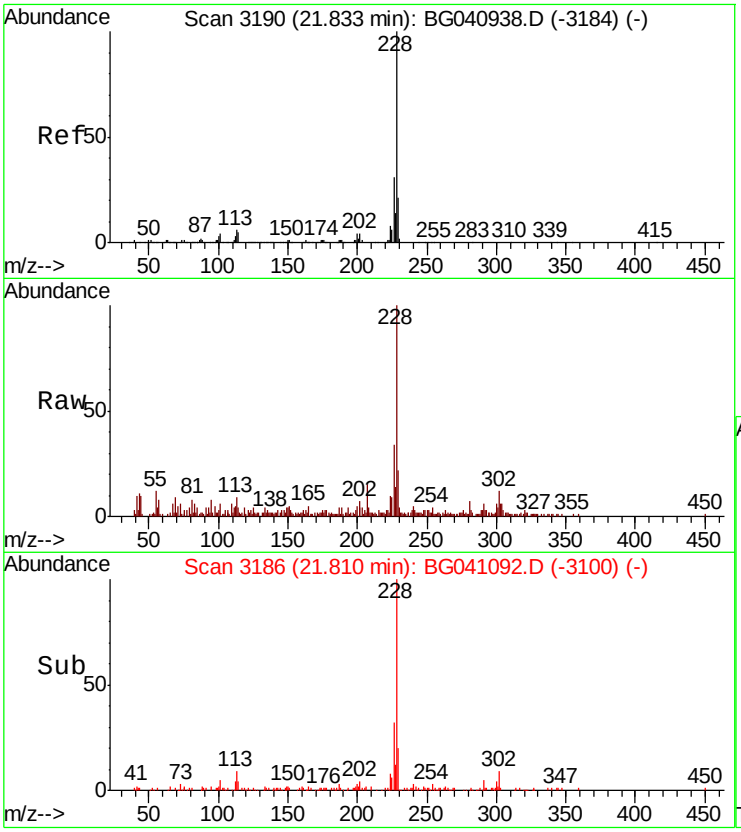




#79
Terphenyl-d14
Concen: 55.068 ng
RT: 20.08 min Scan# 2892
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Tgt Ion:244 Resp: 915694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.4 | 7.0 | 10.4 |
| 122 | 6.2 | 5.4 | 8.0 |



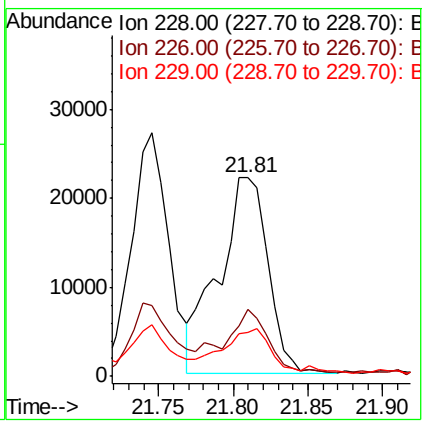


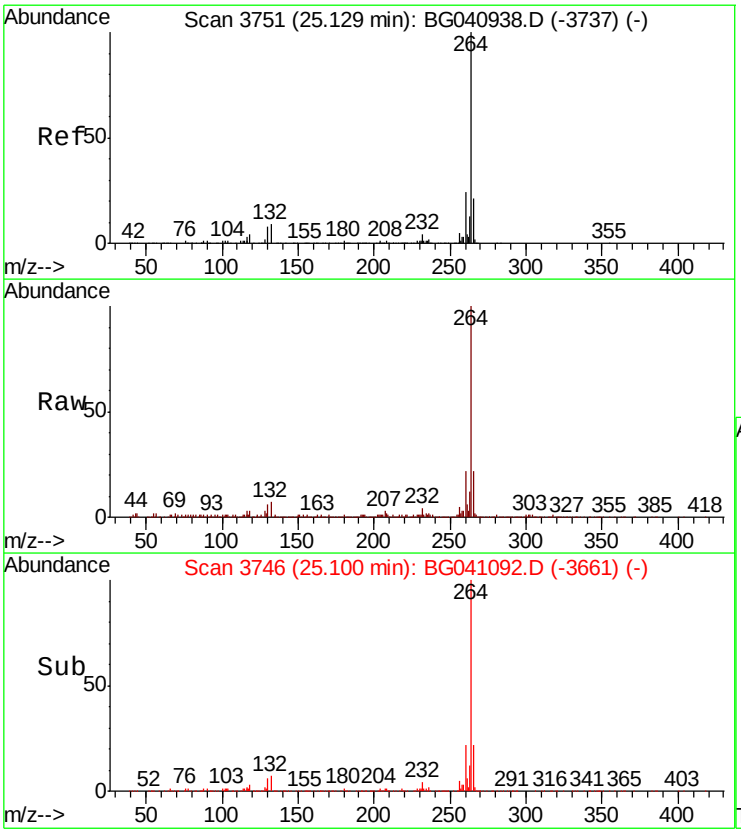

#83
Chrysene
Concen: 2.259 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

**Instrument :**
BNA_G
**ClientSampleId :**
FESB-07(5-5.5)

Tgt Ion:228 Resp: 50786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 33.8 | 24.6 | 37.0 |
| 229 | 22.0 | 16.6 | 24.8 |

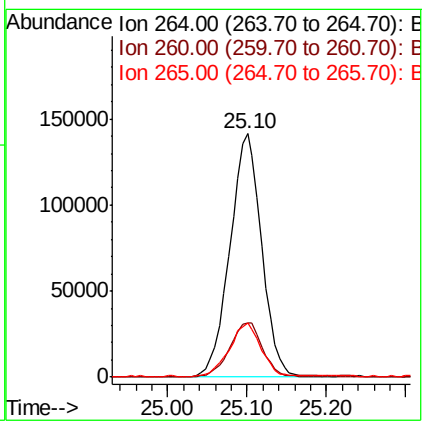


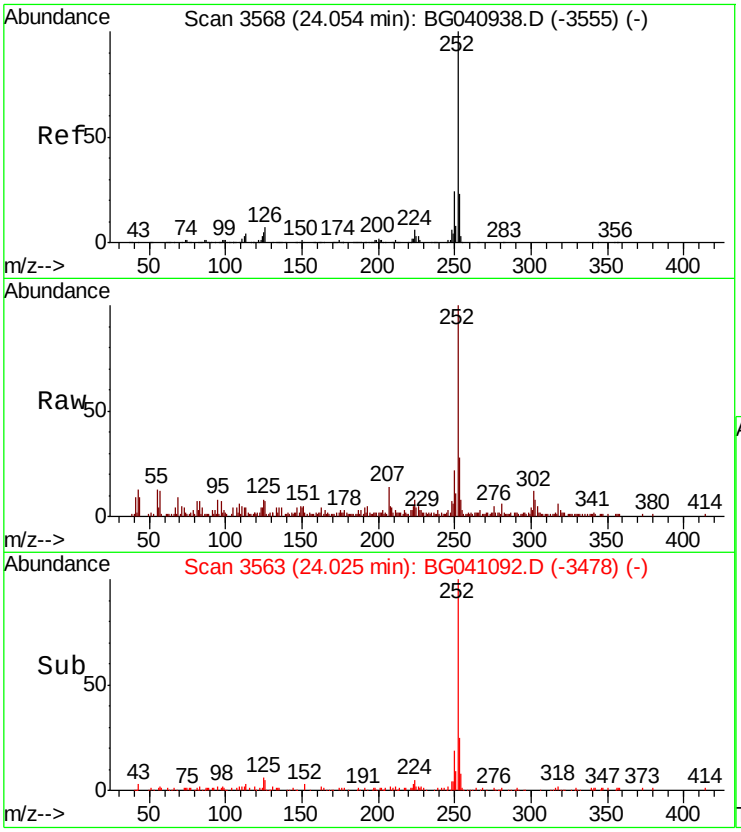




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3746
Delta R.T. -0.03 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Tgt Ion:264 Resp: 388824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.3 | 19.0 | 28.4 |
| 265 | 22.2 | 17.0 | 25.4 |



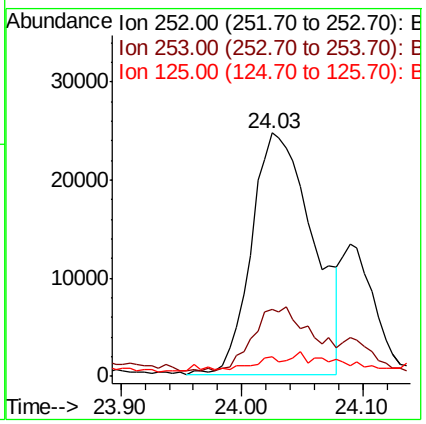


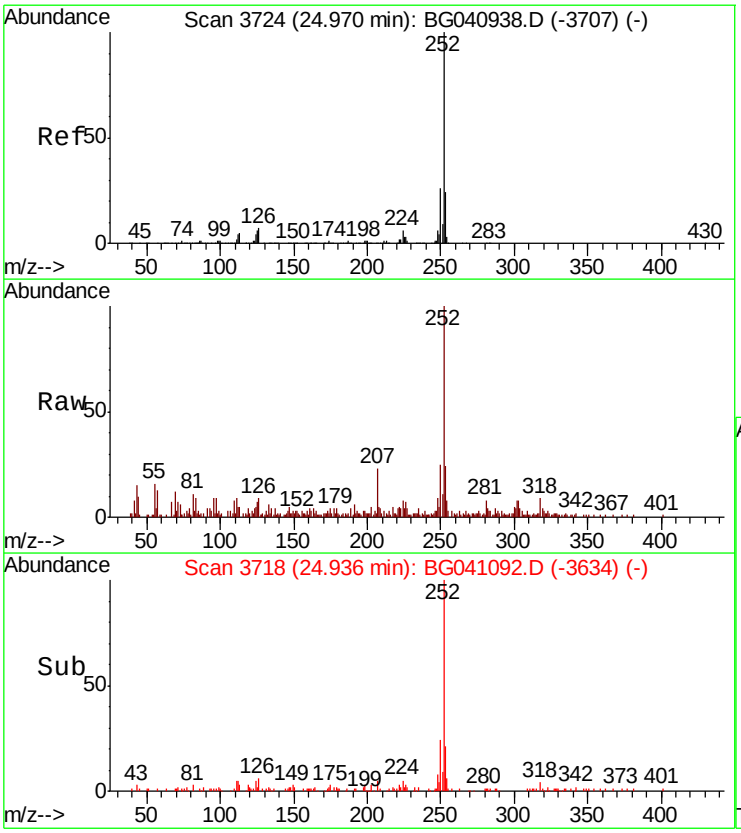

#88
Benzo(b)fluoranthene
Concen: 3.669 ng
RT: 24.03 min Scan# 3563
Delta R.T. -0.03 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

**Instrument :**
BNA_G
**ClientSampleId :**
FESB-07(5-5.5)

Tgt Ion:252 Resp: 86528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.6 | 18.4 | 27.6 |
| 125 | 7.9 | 4.3 | 6.5# |

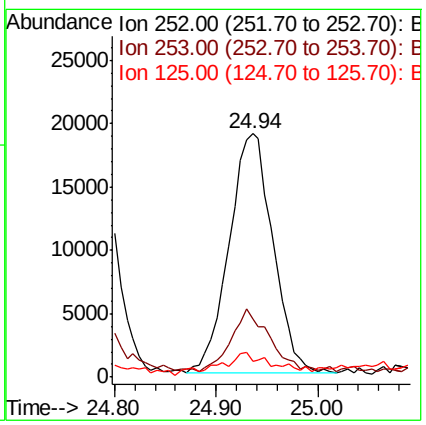


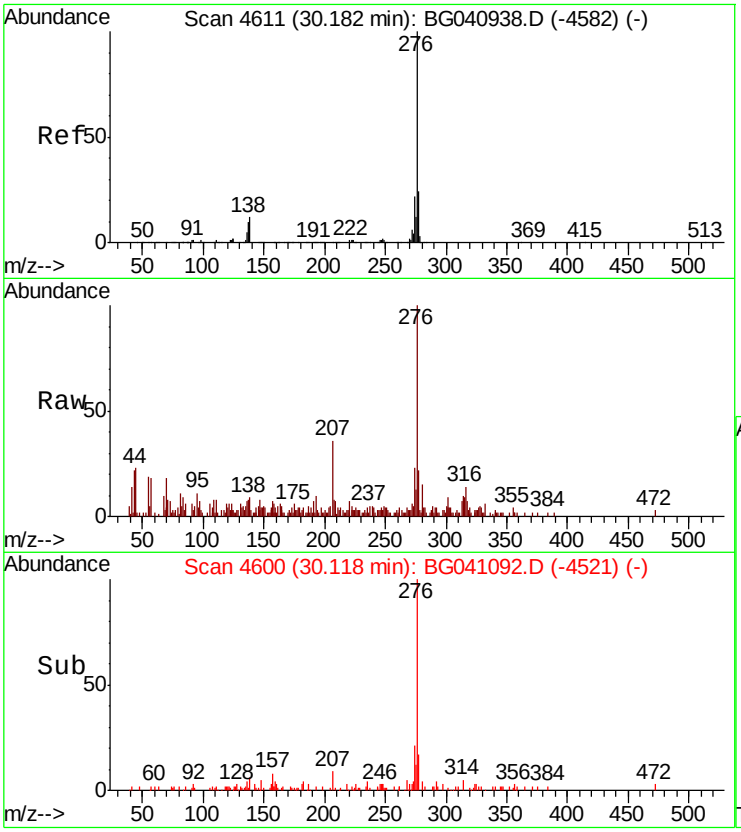




#90
Benzo(a)pyrene
Concen: 2.515 ng
RT: 24.94 min Scan# 3718
Delta R.T. -0.03 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Tgt Ion:252 Resp: 56597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.0 | 19.5 | 29.3 |
| 125 | 6.6 | 5.1 | 7.7 |






#92
Benzo(g,h,i)perylene
Concen: 2.260 ng
RT: 30.12 min Scan# 4600
Delta R.T. -0.06 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

**Instrument :**
BNA_G
**ClientSampleId :**
FESB-07(5-5.5)

Tgt Ion:276 Resp: 49360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 21.5 | 19.4 | 29.0 |
| 138 | 8.9 | 9.7 | 14.5# |