Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032028.D
Acq On : 13 Jan 2018 7:40
Operator : SJ/JU
Sample : J1098-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OWS-2

**Manual Integrations APPROVED**
Sohil
1/15/2018 4:23:49 PM

Quant Time: Jan 15 10:14:49 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.77 | 152 | 62054 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 11.65 | 136 | 245536 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 15.40 | 164 | 163846 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 18.14 | 188 | 408095 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 22.47 | 240 | 469309 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 26.20 | 264 | 490662 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 6.20 | 112 | 398344 | 117.40 | ng | 0.00 |
| 7) Phenol-d6 | 7.88 | 99 | 452178 | 105.82 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.97 | 82 | 321450 | 88.57 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.88 | 330 | 354957 | 130.92 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 14.03 | 172 | 1119546 | 84.72 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.67 | 244 | 1849936 | 87.04 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 15) Benzyl Alcohol | 9.00 | 79 | 37794 | 12.175 | ng | 94 |
| 20) 3+4-Methylphenols | 9.53 | 107 | 27880 | 6.256 | ng | 93 |
| 32) Benzoic acid | 10.83 | 122 | 6422m | 7.350 | ng | |

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032028.D
Acq On : 13 Jan 2018 7:40
Operator : SJ/JU
Sample : J1098-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 15 10:14:49 2018
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Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
OWS-2

**Manual Integrations APPROVED**
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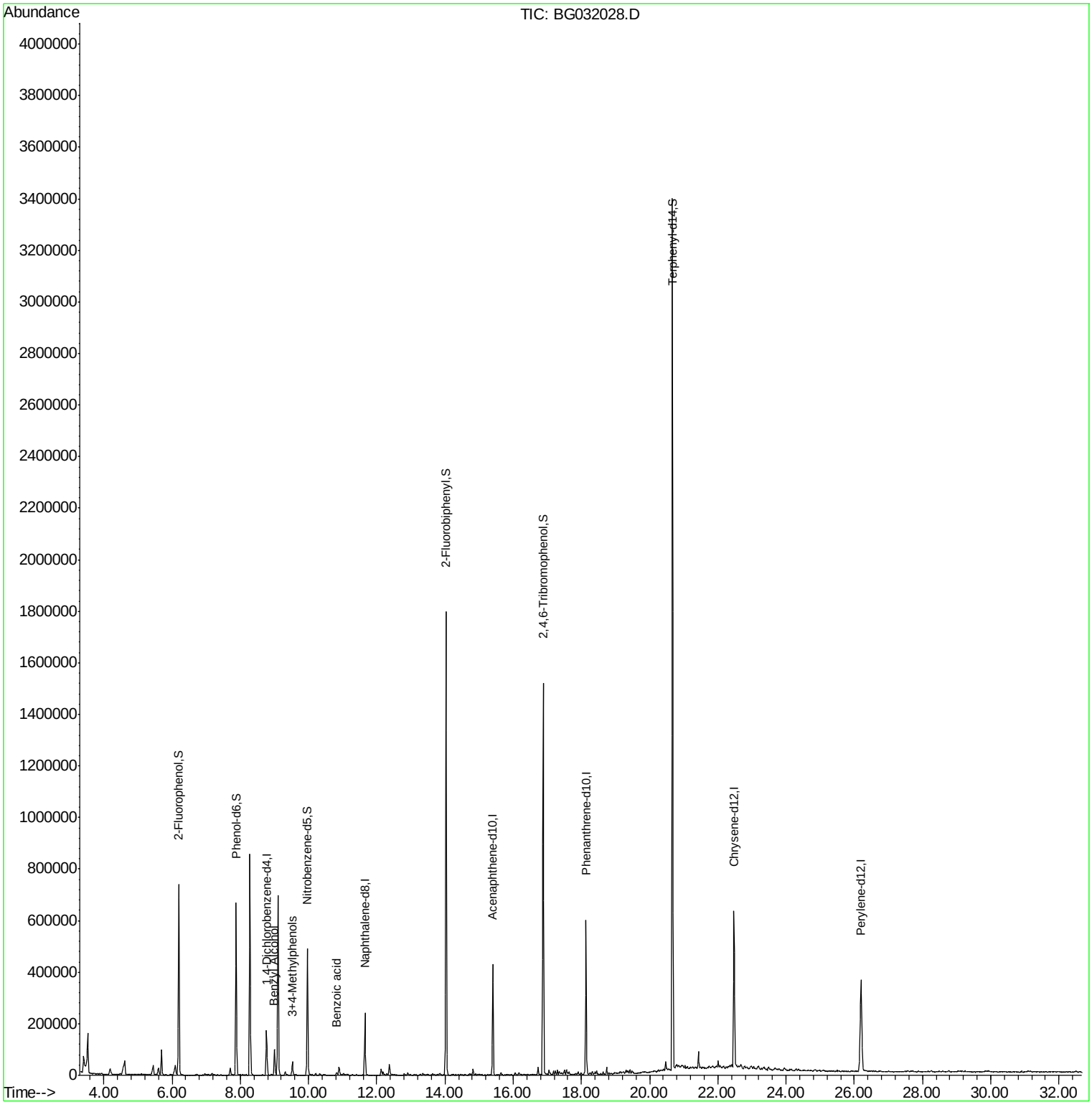
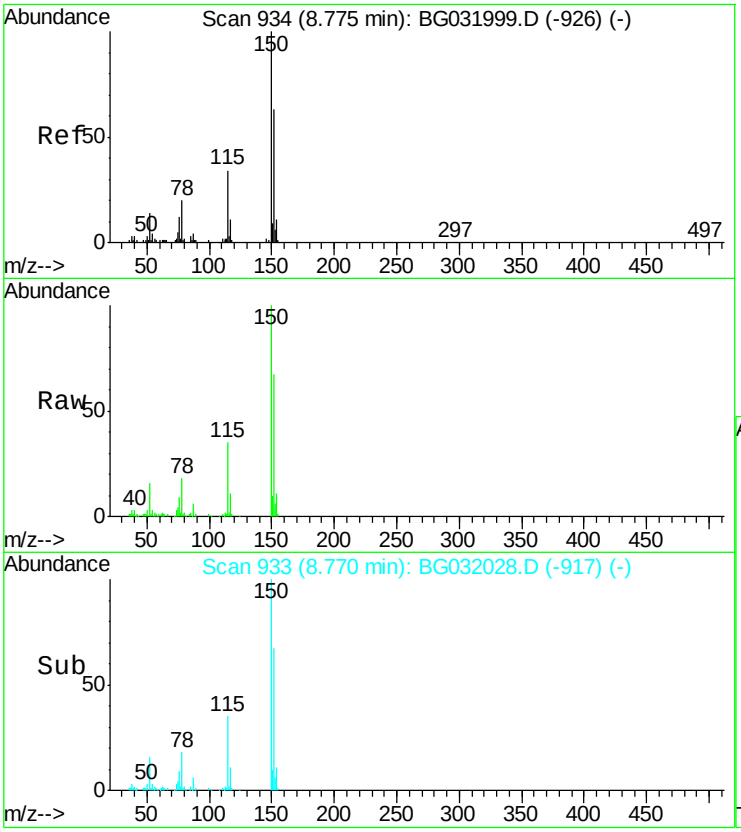
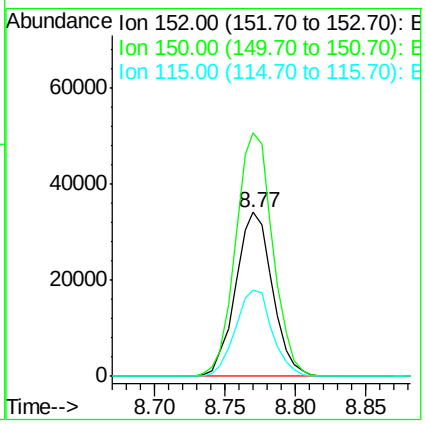





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG032028.D
Acq: 13 Jan 2018 7:40

Tgt Ion:152 Resp: 62054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 148.6 | 126.6 | 189.8 |
| 115 | 52.5 | 53.0 | 79.4# |




**Instrument :**
BNA_G
**ClientSampleId :**
OWS-2

**Manual Integrations APPROVED**
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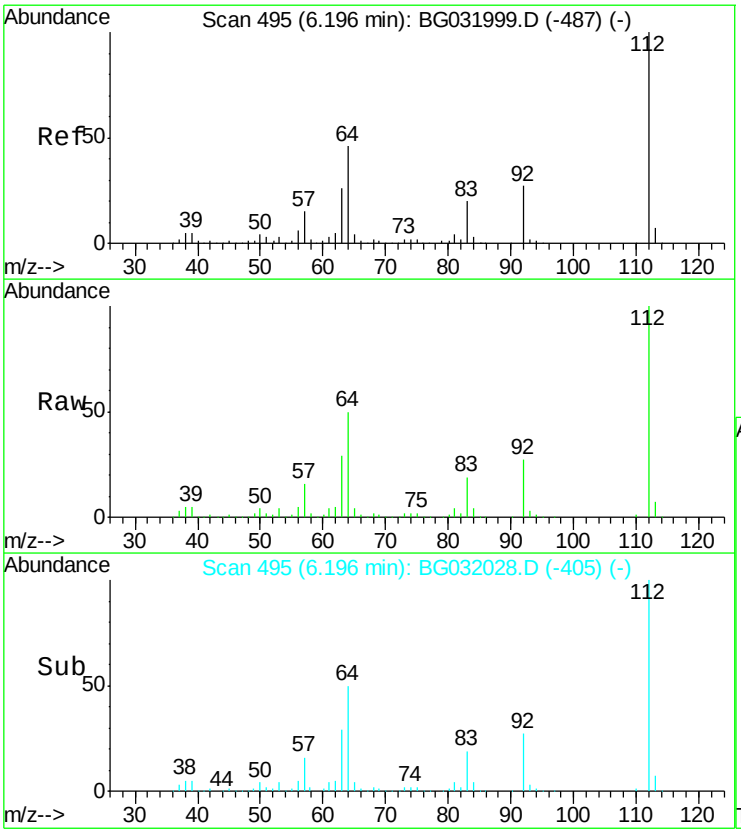
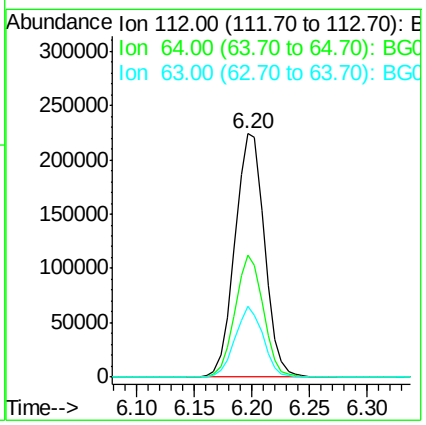
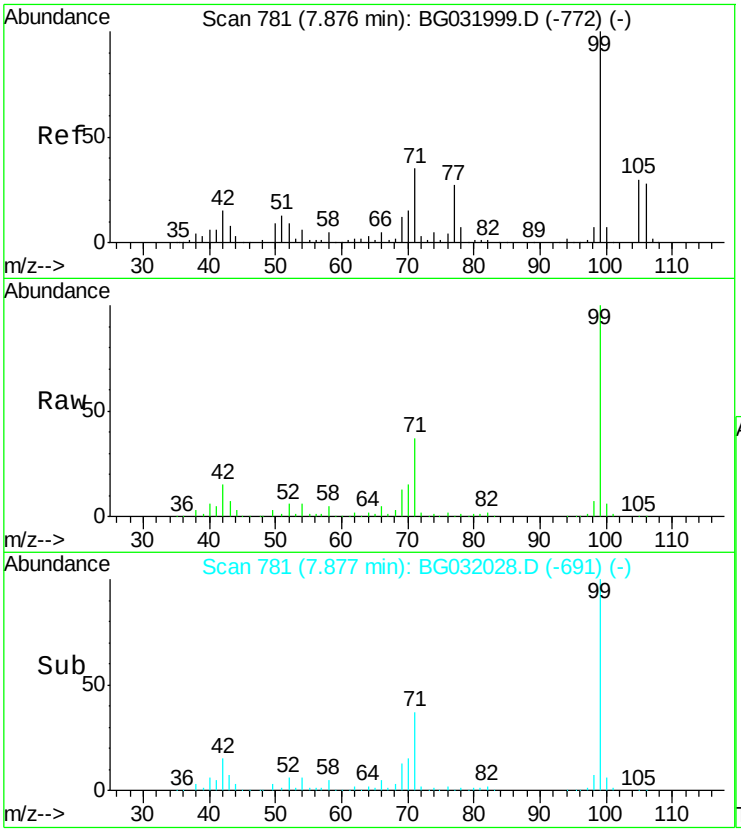



#5
2-Fluorophenol
Concen: 117.405 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032028.D
Acq: 13 Jan 2018 7:40

Tgt Ion:112 Resp: 398344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.3 | 56.3 | 84.5# |
| 63 | 29.3 | 30.1 | 45.1# |

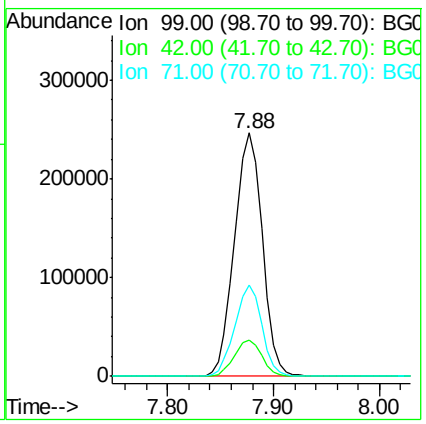





#7
Phenol-d6
Concen: 105.818 ng
RT: 7.88 min Scan# 781
Delta R.T. 0.00 min
Lab File: BG032028.D
Acq: 13 Jan 2018 7:40

Tgt Ion: 99 Resp: 452178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.1 | 14.1 | 21.1 |
| 71 | 37.2 | 26.1 | 39.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
OWS-2

**Manual Integrations APPROVED**
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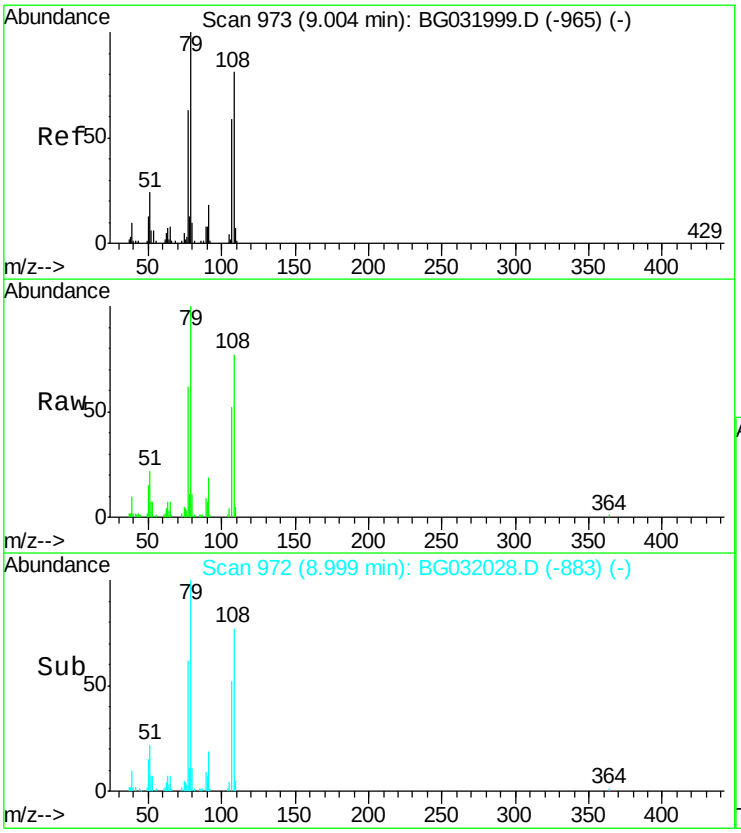
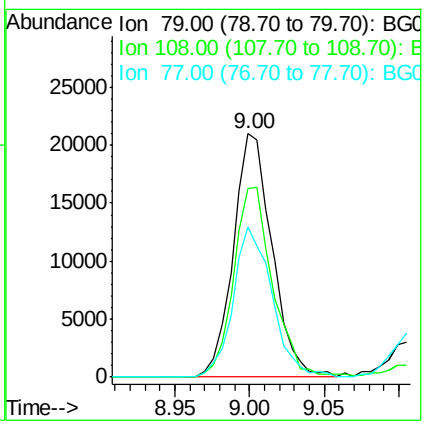
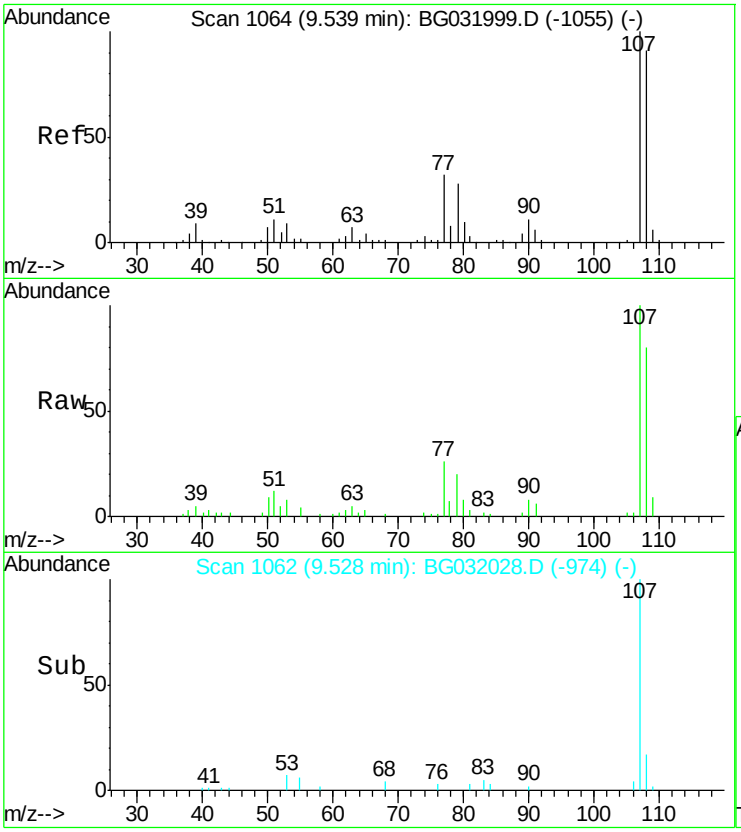



#15
Benzyl Alcohol
Concen: 12.175 ng
RT: 9.00 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG032028.D
Acq: 13 Jan 2018 7:40

Tgt Ion: 79 Resp: 37794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 77.4 | 57.2 | 85.8 |
| 77 | 61.7 | 46.1 | 69.1 |

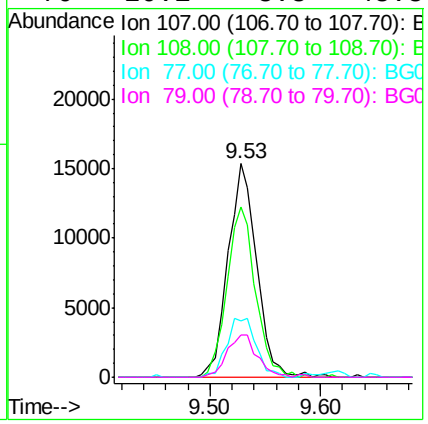





#20
3+4-Methylphenols
Concen: 6.256 ng
RT: 9.53 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BG032028.D
Acq: 13 Jan 2018 7:40

Tgt Ion:107 Resp: 27880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 79.8 | 61.6 | 101.6 |
| 77 | 26.5 | 13.9 | 53.9 |
| 79 | 20.1 | 8.8 | 48.8 |




**Instrument :**
BNA_G
**ClientSampleId :**
OWS-2

**Manual Integrations APPROVED**
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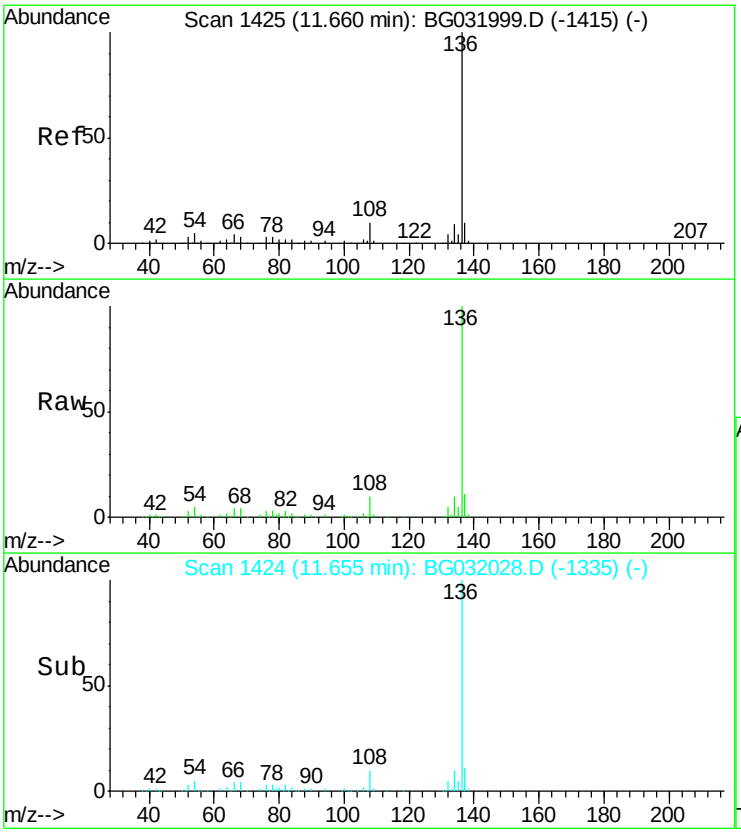
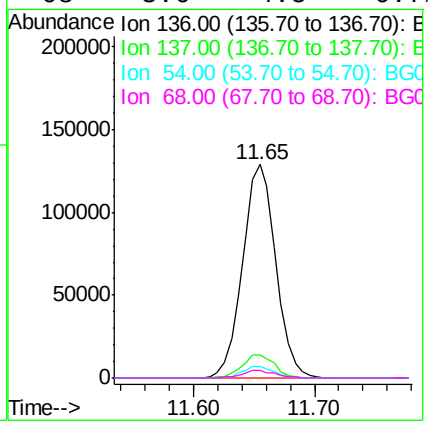
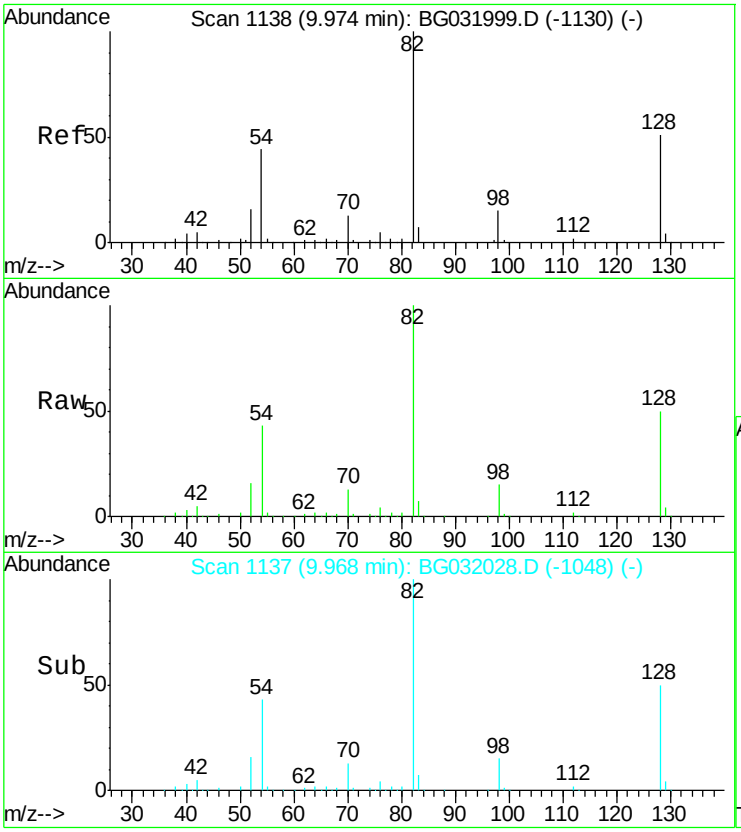



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG032028.D
Acq: 13 Jan 2018 7:40

Tgt Ion:136 Resp: 245536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 9.2 | 13.8 |
| 54 | 5.3 | 10.3 | 15.5# |
| 68 | 3.6 | 4.5 | 6.7# |

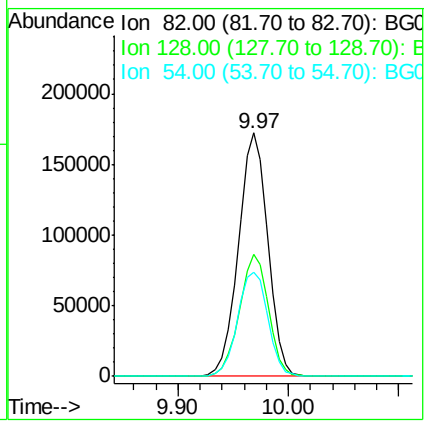





#23
Nitrobenzene-d5
Concen: 88.571 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG032028.D
Acq: 13 Jan 2018 7:40

Tgt Ion: 82 Resp: 321450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.9 | 29.7 | 44.5# |
| 54 | 42.9 | 43.1 | 64.7# |




**Instrument :**
BNA_G
**ClientSampleId :**
OWS-2

**Manual Integrations APPROVED**
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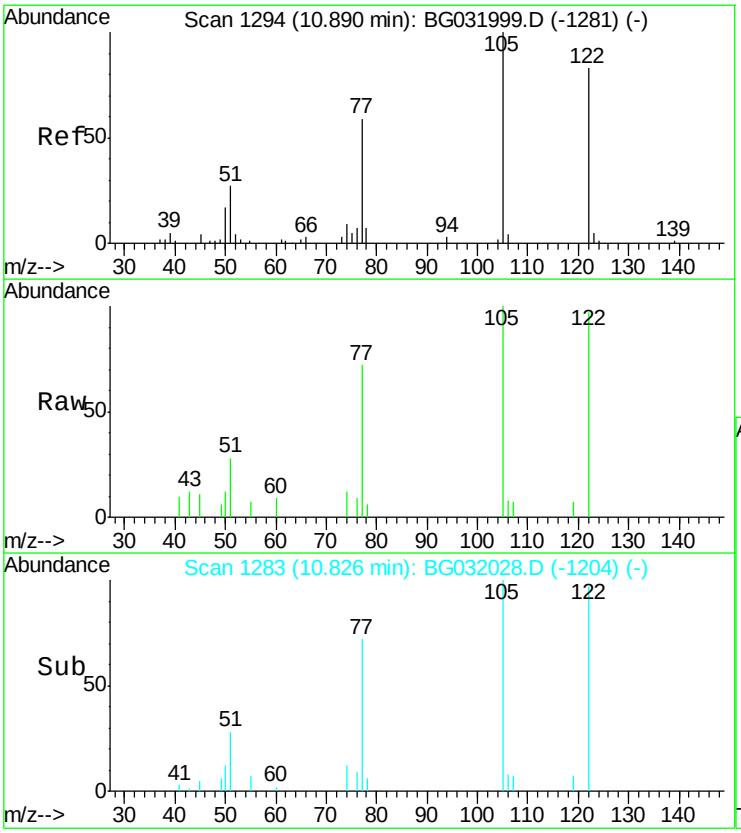
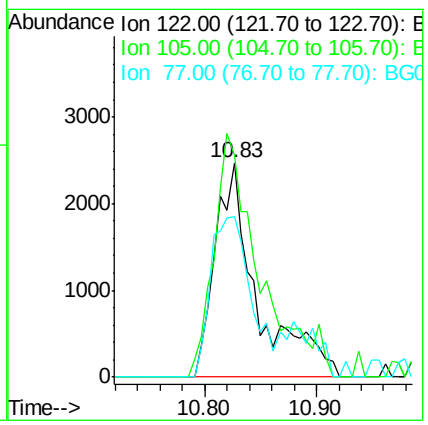
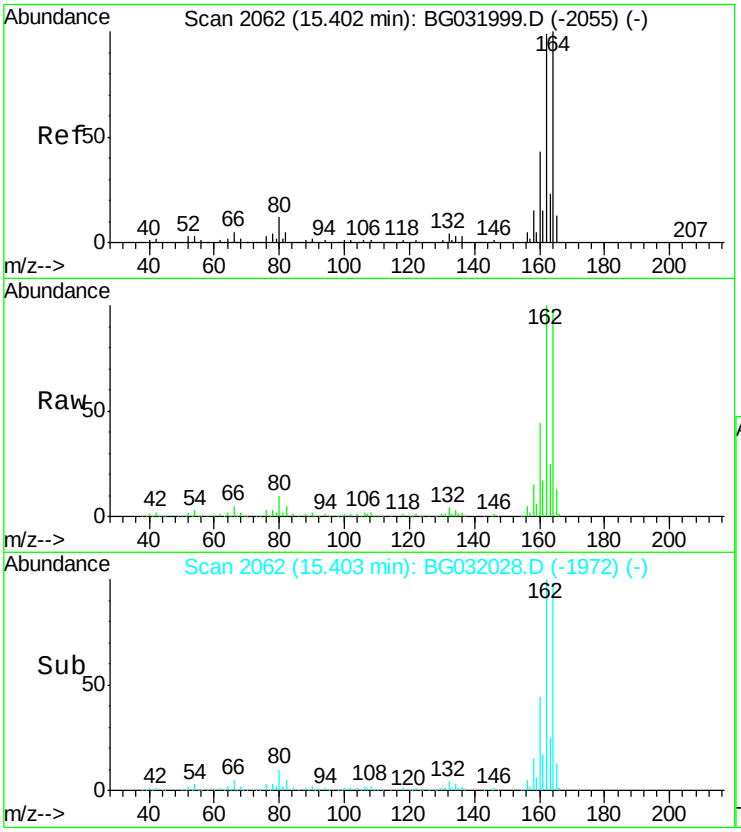



#32
Benzoic acid
Concen: 7.350 ng m
RT: 10.83 min Scan# 1283
Delta R.T. -0.06 min
Lab File: BG032028.D
Acq: 13 Jan 2018 7:40

Tgt Ion:122 Resp: 6422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 103.5 | 123.5 | 163.5# |
| 77 | 74.7 | 85.7 | 125.7# |






#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG032028.D
Acq: 13 Jan 2018 7:40

Tgt Ion:164 Resp: 163846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.4 | 78.8 | 118.2 |
| 160 | 45.2 | 35.4 | 53.0 |

**Instrument :**
BNA_G
**ClientSampleId :**
OWS-2

**Manual Integrations APPROVED**
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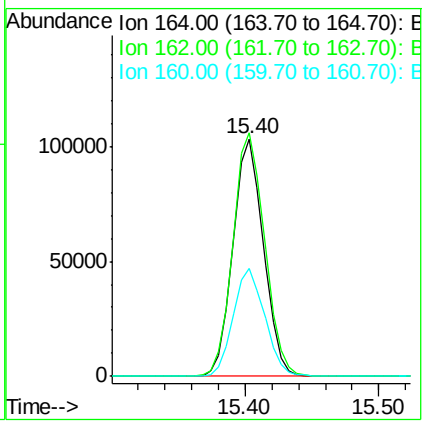
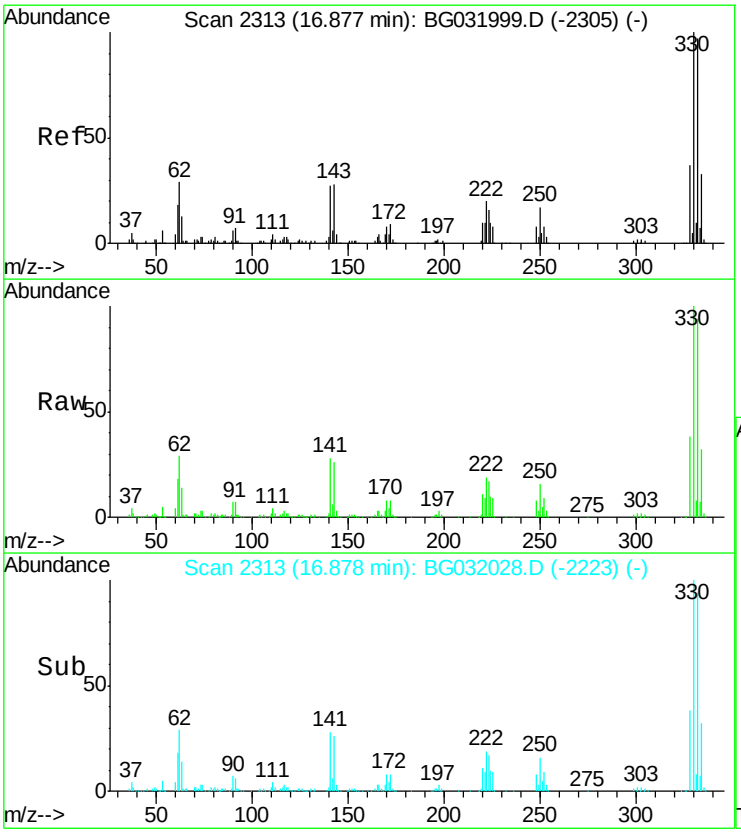
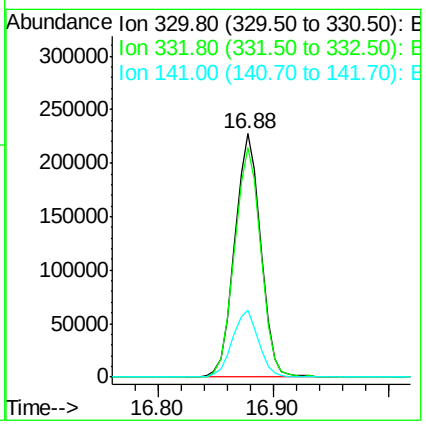


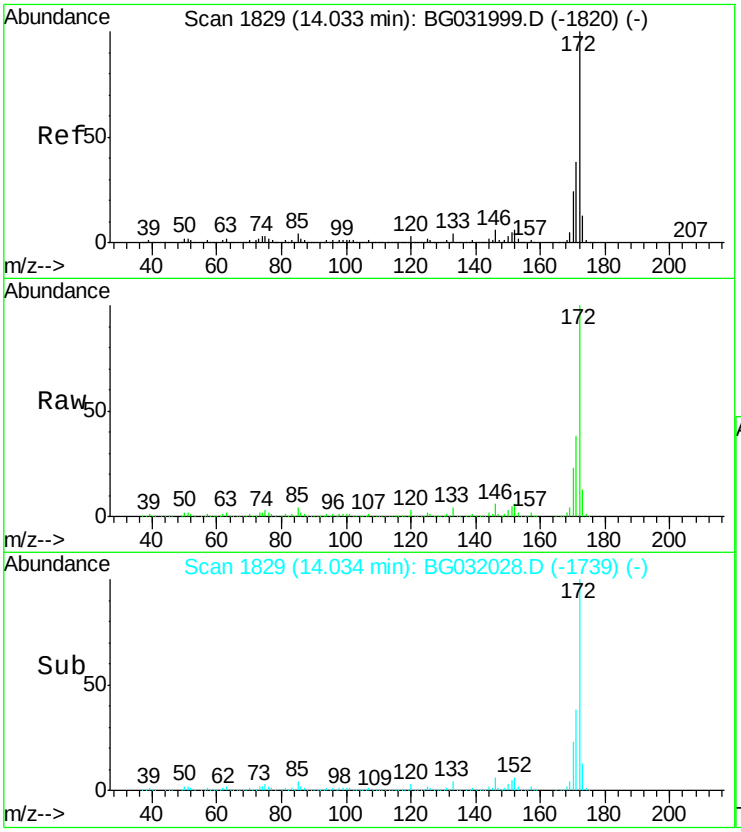




#41
2,4,6-Tribromophenol
Concen: 130.919 ng
RT: 16.88 min Scan# 2313
Delta R.T. 0.00 min
Lab File: BG032028.D
Acq: 13 Jan 2018 7:40

Tgt Ion:330 Resp: 354957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.8 | 77.0 | 115.6 |
| 141 | 27.6 | 25.2 | 37.8 |

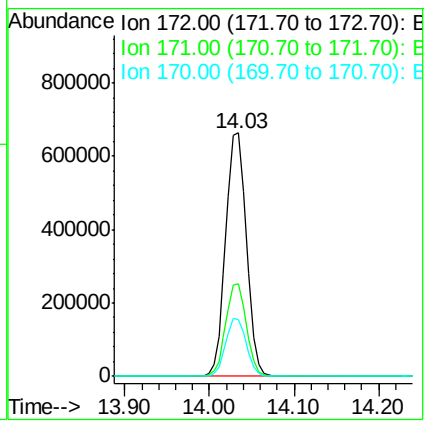





#44
2-Fluorobiphenyl
Concen: 84.725 ng
RT: 14.03 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BG032028.D
Acq: 13 Jan 2018 7:40

Tgt Ion:172 Resp: 1119546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.2 | 30.0 | 45.0 |
| 170 | 23.5 | 19.5 | 29.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
OWS-2

**Manual Integrations APPROVED**
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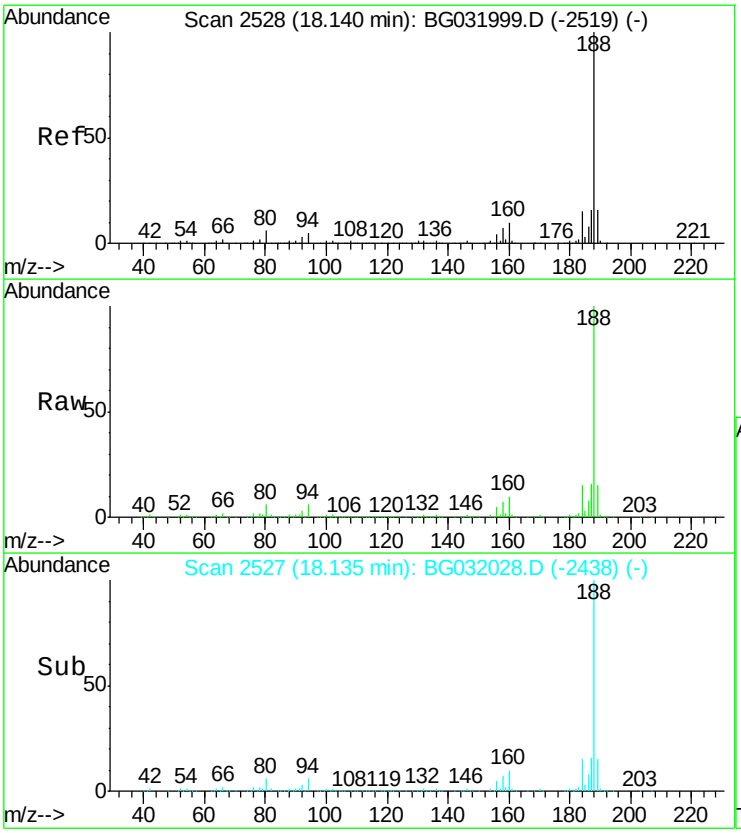
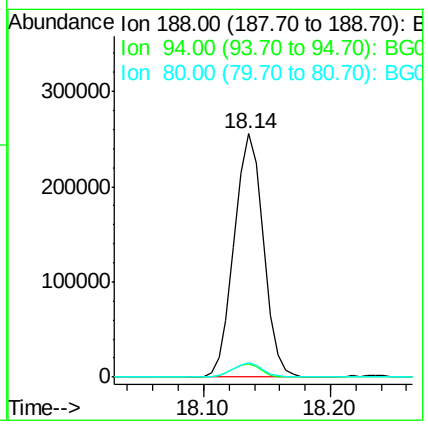
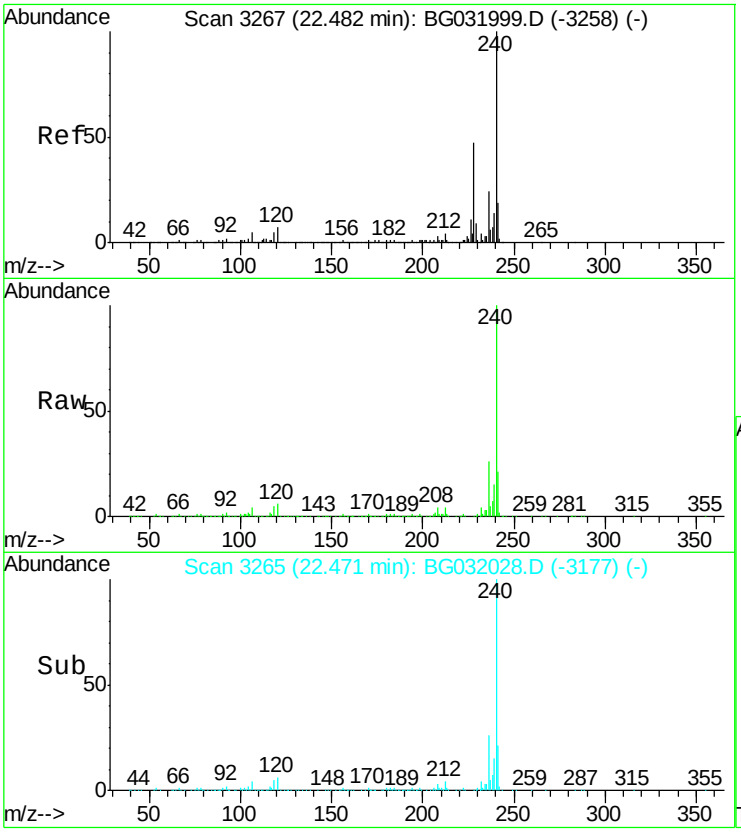



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BG032028.D
Acq: 13 Jan 2018 7:40

Tgt Ion:188 Resp: 408095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.6 | 6.9 | 10.3# |
| 80 | 5.7 | 7.7 | 11.5# |

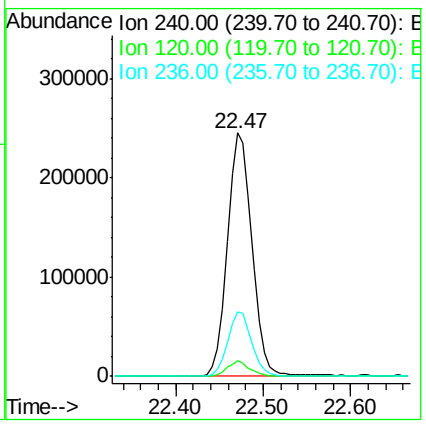





#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3265
Delta R.T. -0.01 min
Lab File: BG032028.D
Acq: 13 Jan 2018 7:40

Tgt Ion:240 Resp: 469309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.4 | 6.8 | 10.2# |
| 236 | 26.2 | 20.9 | 31.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
OWS-2

**Manual Integrations APPROVED**
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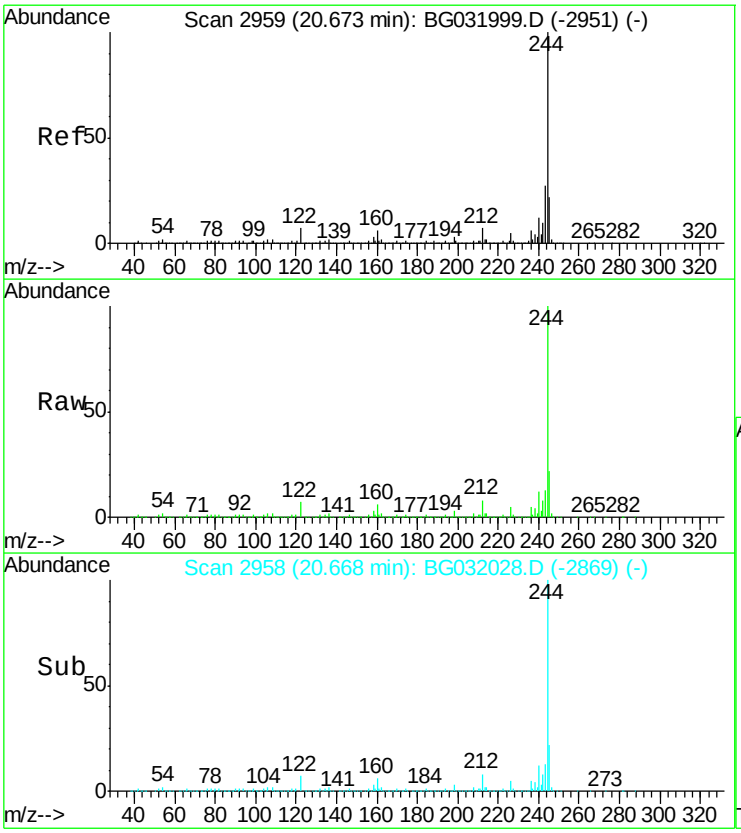
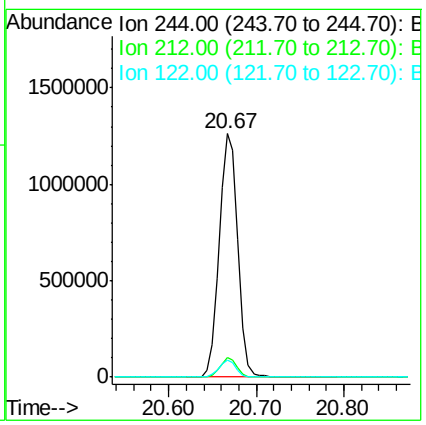
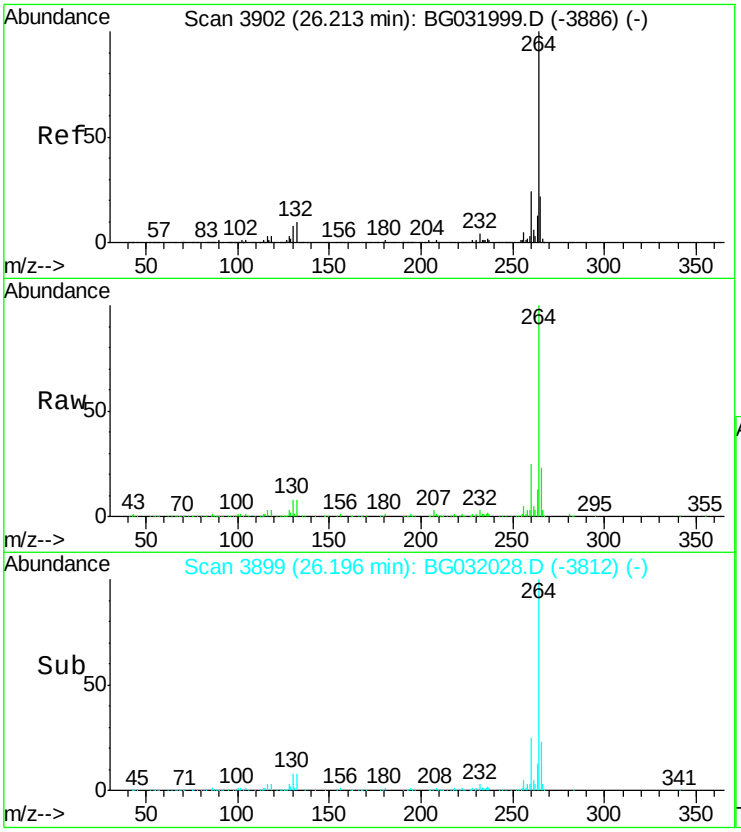



#78
Terphenyl-d14
Concen: 87.037 ng
RT: 20.67 min Scan# 2958
Delta R.T. -0.01 min
Lab File: BG032028.D
Acq: 13 Jan 2018 7:40

Tgt Ion:244 Resp: 1849936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.0 | 5.8 | 8.8 |
| 122 | 6.9 | 7.0 | 10.4# |

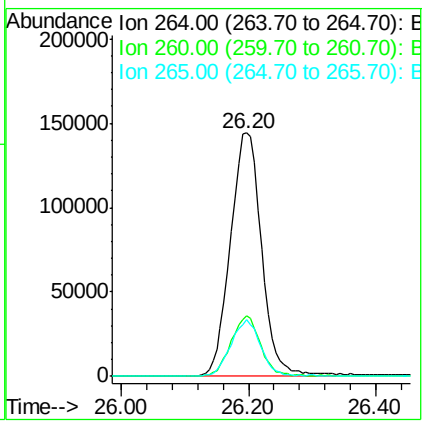





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.20 min Scan# 3899
Delta R.T. -0.02 min
Lab File: BG032028.D
Acq: 13 Jan 2018 7:40

Tgt Ion:264 Resp: 490662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.6 | 17.4 | 26.0 |
| 265 | 23.4 | 17.7 | 26.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
OWS-2

**Manual Integrations APPROVED**
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1/15/2018 4:23:49 PM