

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
 Data File : BG037139.D
 Acq On : 3 Oct 2018 18:41
 Operator : JU/SJ
 Sample : J5211-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-1018-S-TCLP-GRID41-1

Quant Time: Oct 04 04:25:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.04 | 152 | 55126 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.84 | 136 | 220383 | 20.00 | ng | -0.01 |
| 38) Acenaphthene-d10 | 14.66 | 164 | 130751 | 20.00 | ng | -0.01 |
| 63) Phenanthrene-d10 | 17.41 | 188 | 318206 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 0.00 | 240 | 0 | 0.00 | ng | -21.69 |
| 86) Perylene-d12 | 0.00 | 264 | 0 | 0.00 | ng | -24.90 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.62 | 112 | 348418 | 121.21 | ng | 0.00 |
| 7) Phenol-d6 | 7.20 | 99 | 426931 | 96.00 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 9.20 | 82 | 369046 | 89.67 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.15 | 330 | 176787 | 113.01 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 13.29 | 172 | 715246 | 81.47 | ng | -0.01 |
| 78) Terphenyl-d14 | 0.00 | 244 | 0 | 0.00 | ng | |

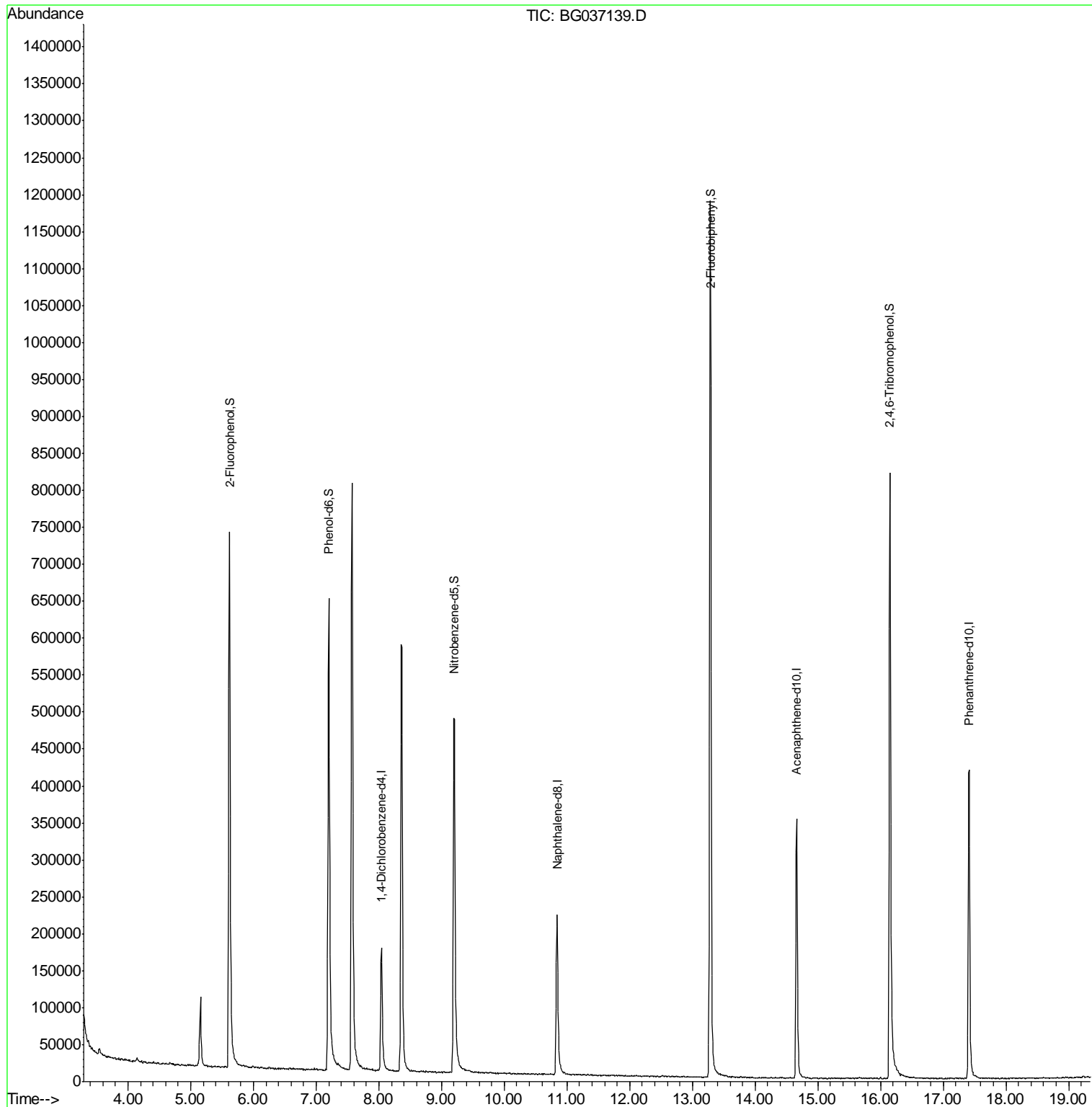
Target Compounds Qvalue

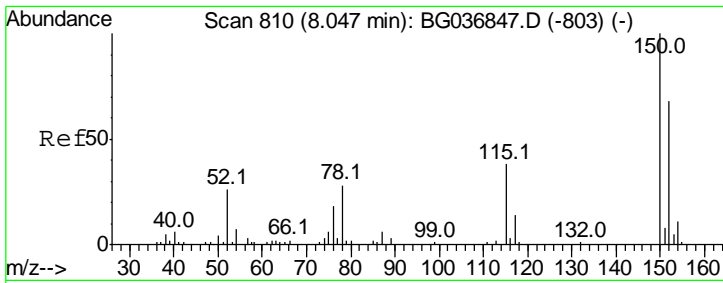
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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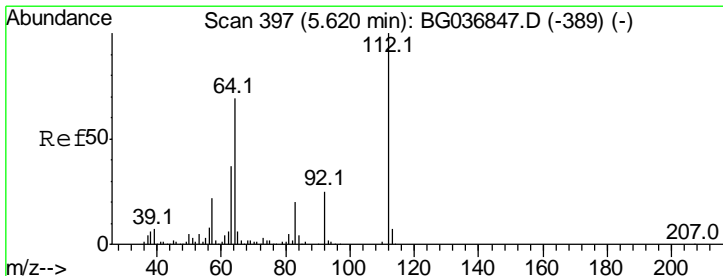
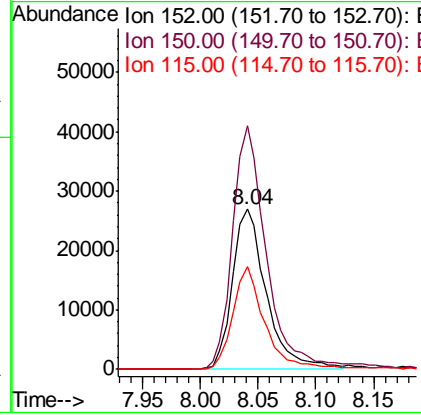
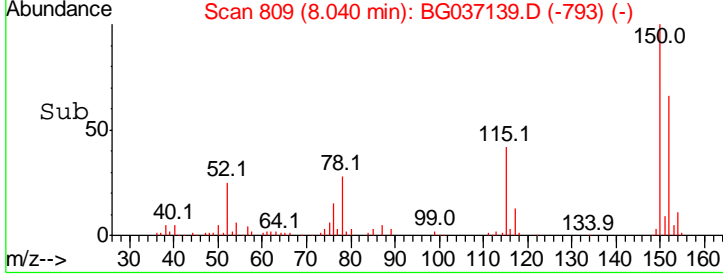
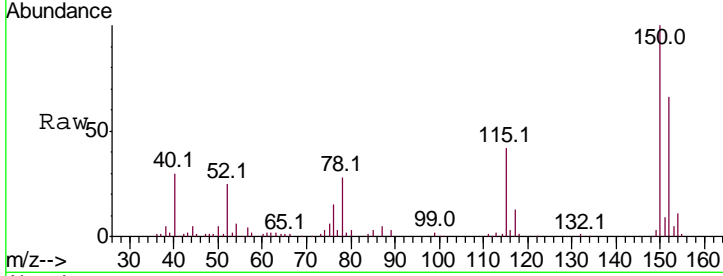




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BG037139.D
 Acq: 3 Oct 2018 18:41

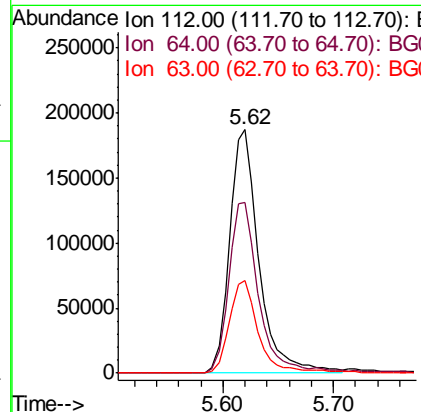
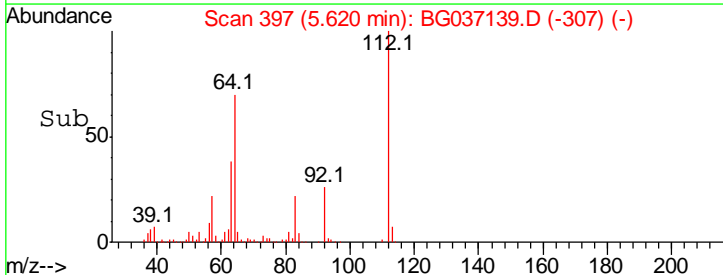
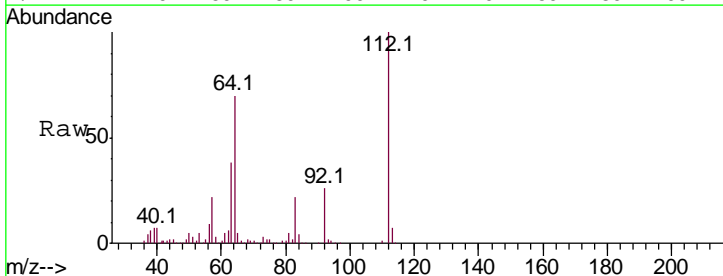
Instrument :
 BNA_G
ClientSampled :
 CB-1018-S-TCLP-GRID41-1

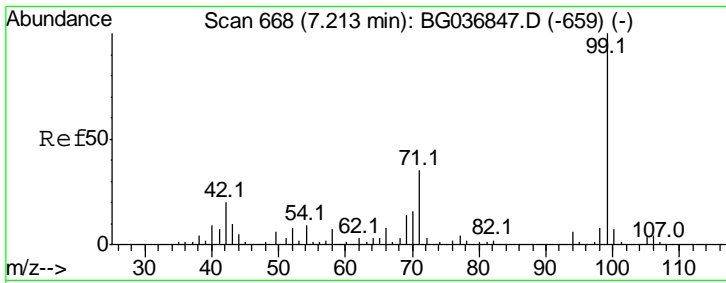
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 152 | 100 | | |
| 150 | 152.3 | 119.5 | 179.3 |
| 115 | 64.5 | 44.5 | 66.7 |



#5
 2-Fluorophenol
 Concen: 121.211 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG037139.D
 Acq: 3 Oct 2018 18:41

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 112 | 100 | | |
| 64 | 70.2 | 57.2 | 85.8 |
| 63 | 38.1 | 30.8 | 46.2 |

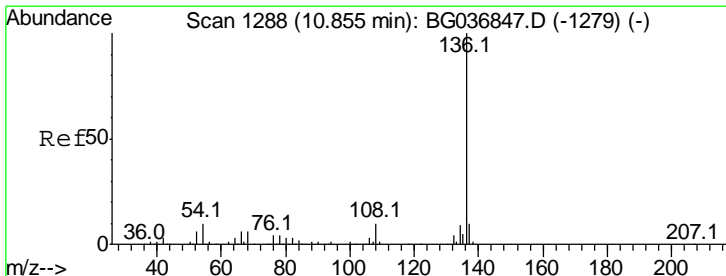
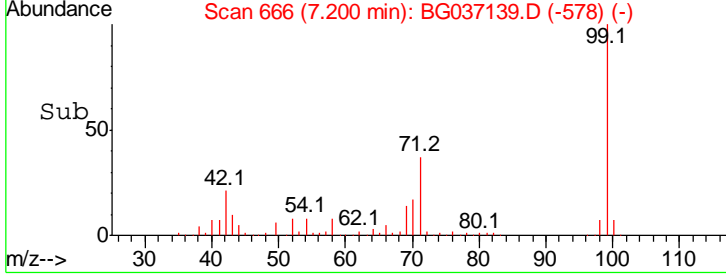
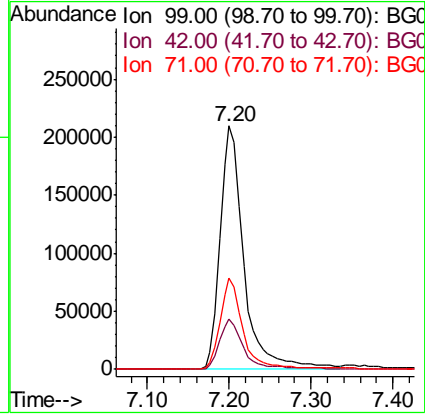
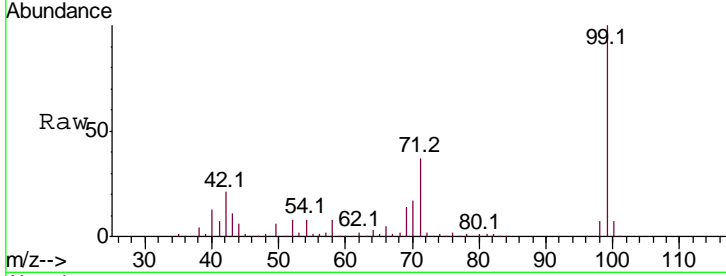




#7
 Phenol-d6
 Concen: 95.998 ng
 RT: 7.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BG037139.D
 Acq: 3 Oct 2018 18:41

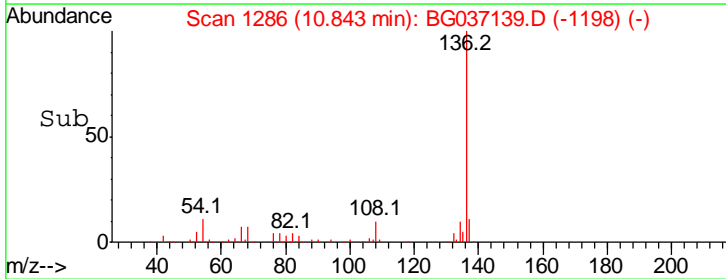
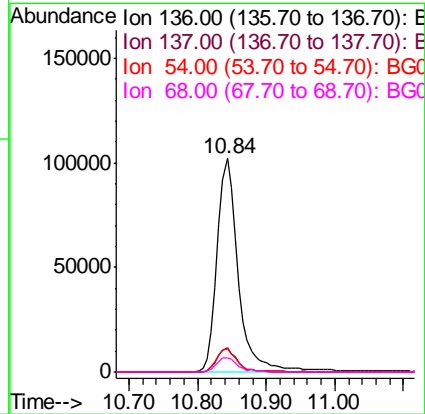
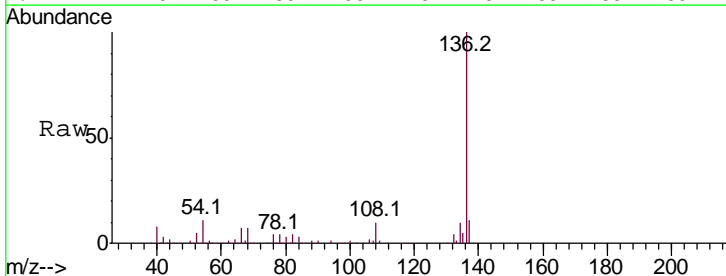
Instrument :
 BNA_G
ClientSampled :
 CB-1018-S-TCLP-GRID41-1

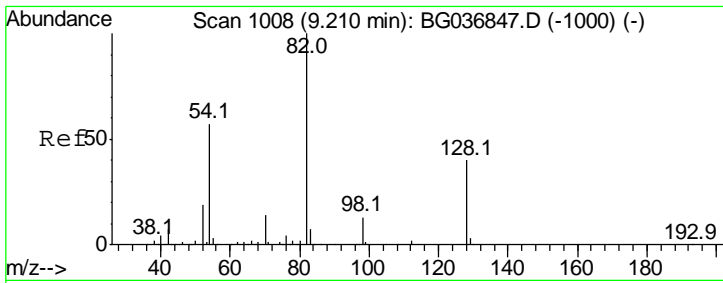
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 99 | 100 | | |
| 42 | 20.7 | 16.5 | 24.7 |
| 71 | 37.3 | 29.4 | 44.2 |



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.84 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BG037139.D
 Acq: 3 Oct 2018 18:41

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 136 | 100 | | |
| 137 | 11.2 | 8.8 | 13.2 |
| 54 | 10.7 | 9.2 | 13.8 |
| 68 | 6.5 | 5.8 | 8.6 |

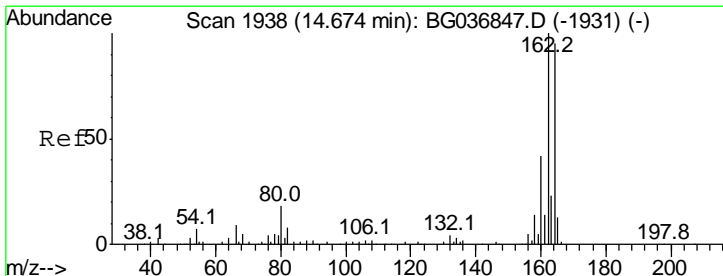
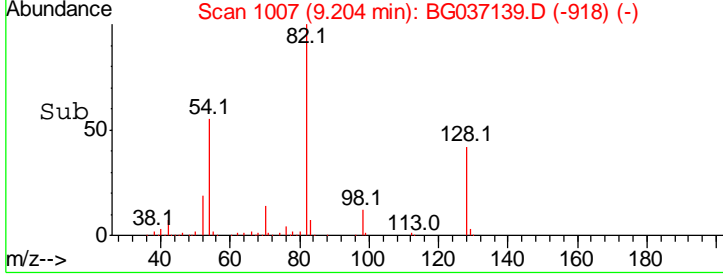
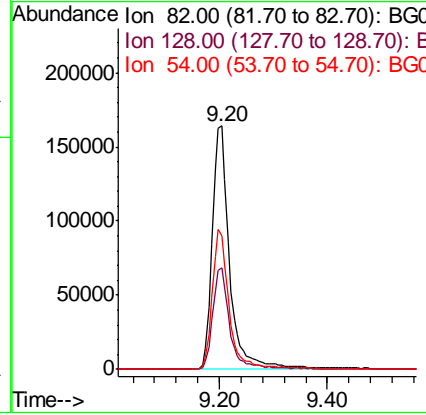
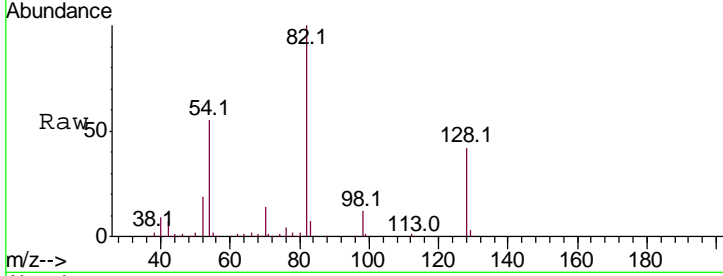




#23
 Nitrobenzene-d5
 Concen: 89.675 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG037139.D
 Acq: 3 Oct 2018 18:41

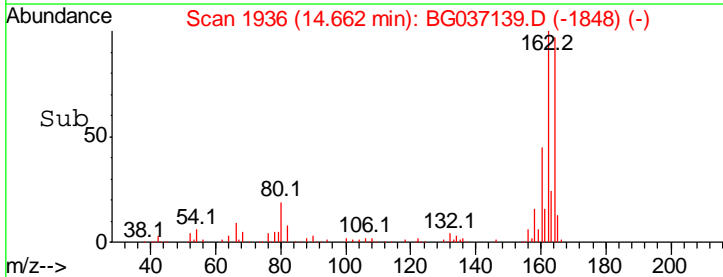
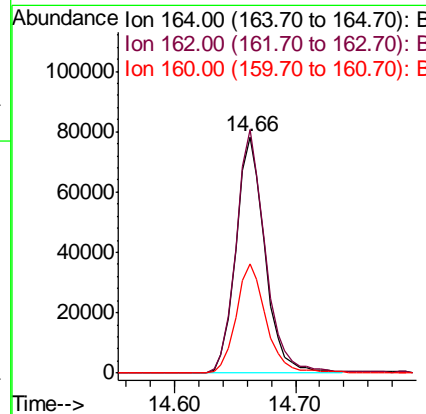
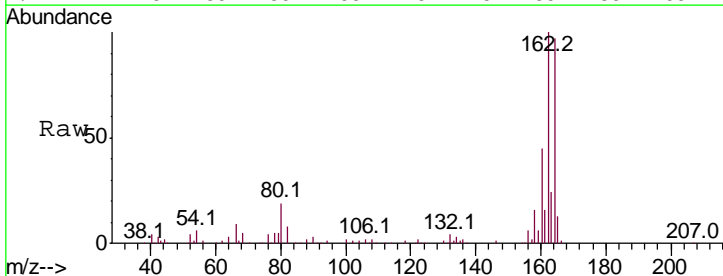
Instrument :
 BNA_G
ClientSampled :
 CB-1018-S-TCLP-GRID41-1

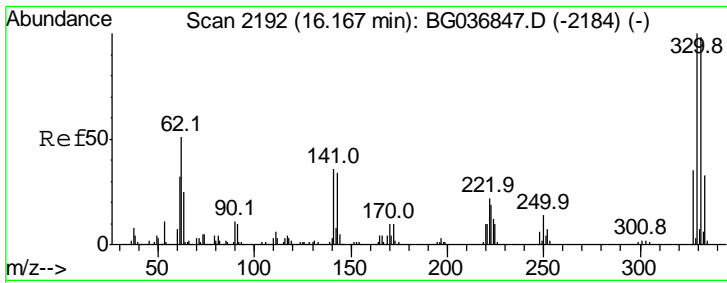
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 82 | 100 | | |
| 128 | 41.6 | 33.3 | 49.9 |
| 54 | 54.9 | 45.1 | 67.7 |



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG037139.D
 Acq: 3 Oct 2018 18:41

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 164 | 100 | | |
| 162 | 103.2 | 80.7 | 121.1 |
| 160 | 46.3 | 35.3 | 52.9 |

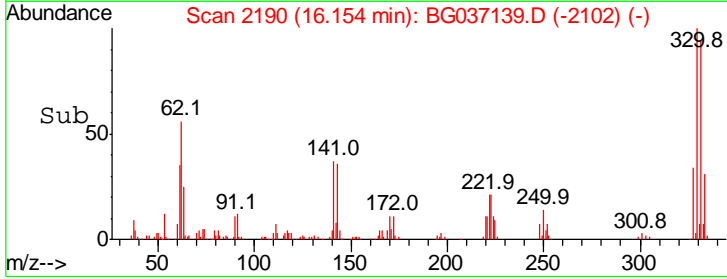
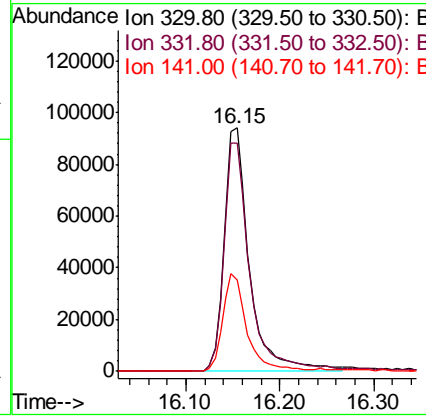
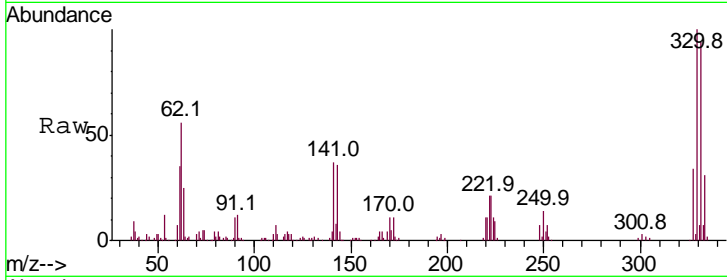




#41
 2,4,6-Tribromophenol
 Concen: 113.009 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037139.D
 Acq: 3 Oct 2018 18:41

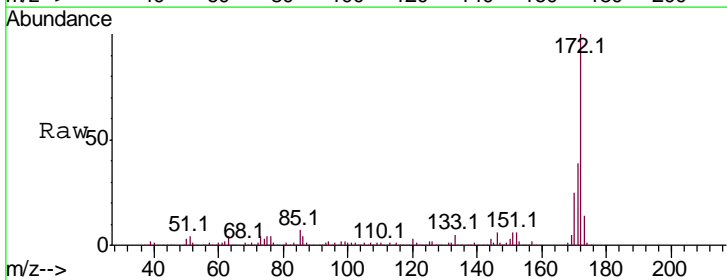
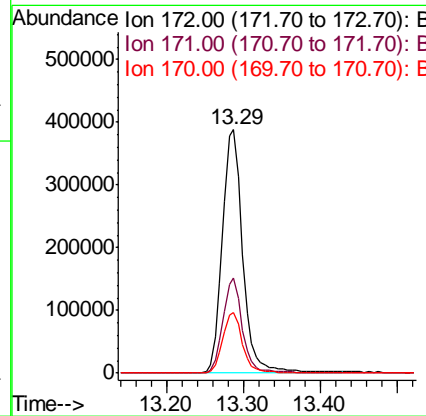
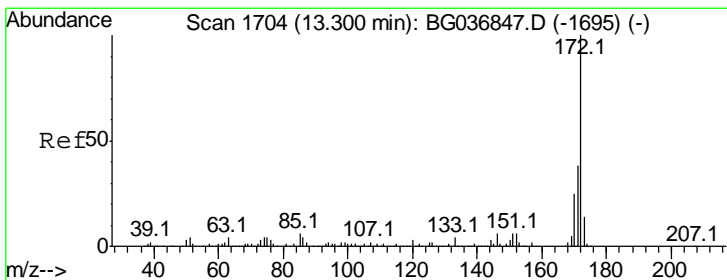
Instrument :
 BNA_G
ClientSampleId :
 CB-1018-S-TCLP-GRID41-1

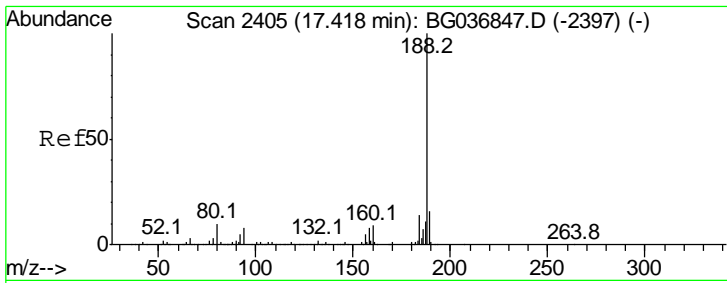
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 330 | 100 | | |
| 332 | 96.8 | 75.4 | 113.2 |
| 141 | 39.0 | 30.7 | 46.1 |



#44
 2-Fluorobiphenyl
 Concen: 81.474 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037139.D
 Acq: 3 Oct 2018 18:41

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 172 | 100 | | |
| 171 | 38.9 | 31.3 | 46.9 |
| 170 | 24.8 | 21.0 | 31.6 |

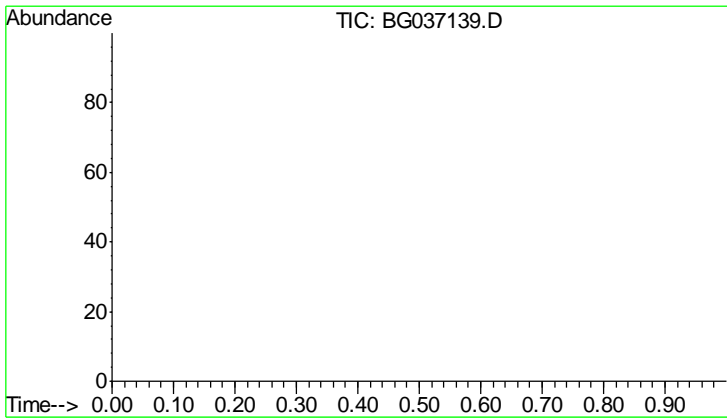
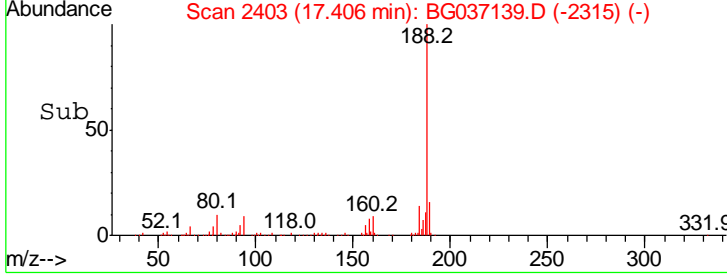
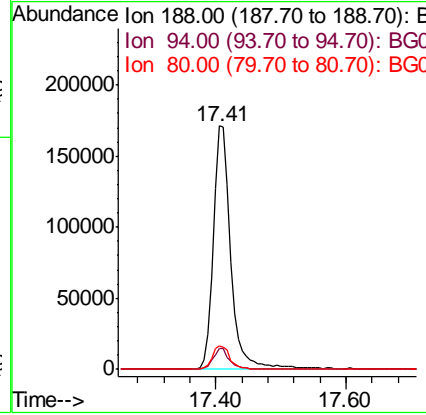
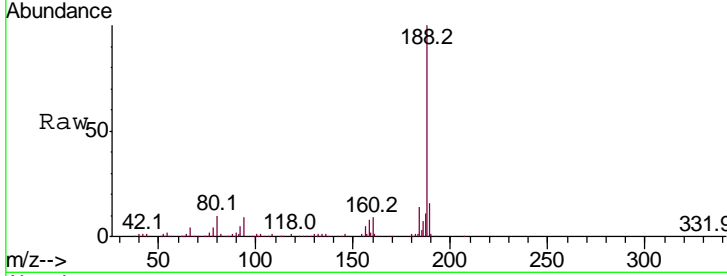




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BG037139.D
 Acq: 3 Oct 2018 18:41

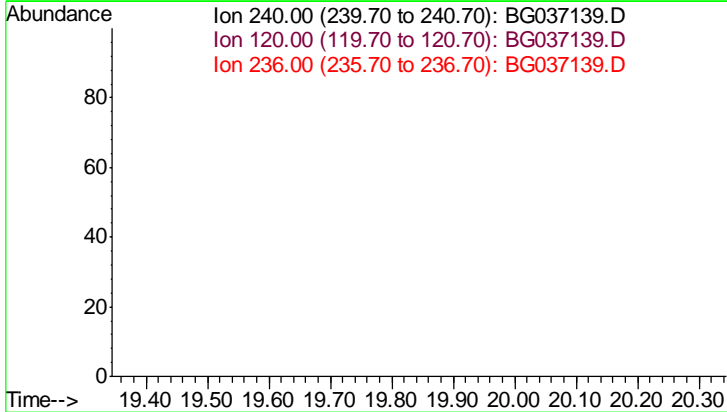
Instrument :
 BNA_G
 ClientSampled :
 CB-1018-S-TCLP-GRID41-1

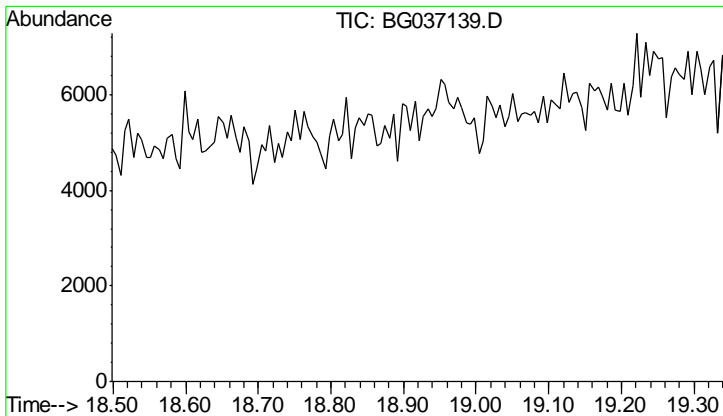
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 188 | 100 | | |
| 94 | 8.5 | 6.7 | 10.1 |
| 80 | 9.7 | 8.1 | 12.1 |



#75
 Chrysene-d12
 Concen: 0.000 ng
 Expected RT: 21.69 min
 Lab File: BG037139.D
 Acq: 3 Oct 2018 18:41

| Tgt Ion | Exp Ratio |
|---------|-----------|
| 240 | 100 |
| 120 | 8.6 |
| 236 | 26.5 |

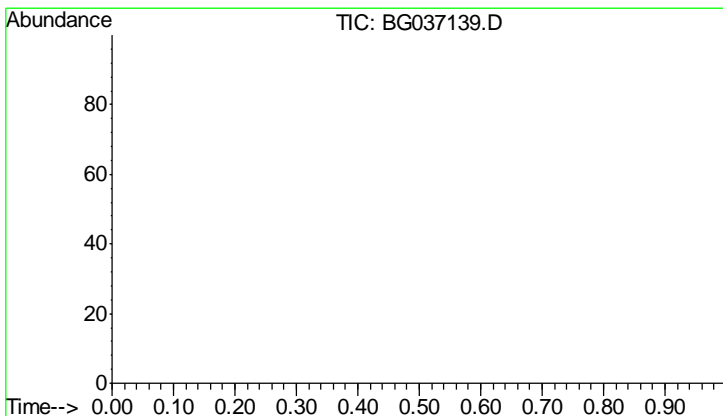
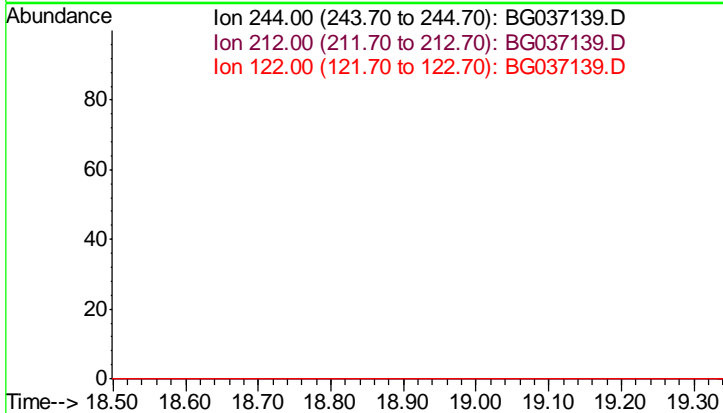




#78
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 20.03 min
 Lab File: BG037139.D
 Acq: 3 Oct 2018 18:41

Instrument :
 BNA_G
ClientSampled :
 CB-1018-S-TCLP-GRID41-1

| Tgt Ion | Exp Ratio |
|---------|-----------|
| 244 | 100 |
| 212 | 8.8 |
| 122 | 8.9 |



#86
 Perylene-d12
 Concen: 0.000 ng
 Expected RT: 24.90 min
 Lab File: BG037139.D
 Acq: 3 Oct 2018 18:41

| Tgt Ion | Exp Ratio |
|---------|-----------|
| 264 | 100 |
| 260 | 24.5 |
| 265 | 21.7 |

