

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
 Data File : BG035654.D
 Acq On : 14 Jul 2018 7:06
 Operator : JU/SJ
 Sample : J3821-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-071218-B

Quant Time: Jul 16 01:04:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05 | 152 | 43565 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.86 | 136 | 167777 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.67 | 164 | 125533 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 17.41 | 188 | 351314 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.69 | 240 | 377968 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 24.90 | 264 | 354405 | 20.00 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.64 | 112 | 386678 | 147.36 | ng | 0.00 |
| 7) Phenol-d6 | 7.22 | 99 | 530916 | 135.61 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.21 | 82 | 408520 | 101.72 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.16 | 330 | 293998 | 177.68 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 13.30 | 172 | 929852 | 99.24 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.02 | 244 | 1755588 | 102.39 | ng | 0.00 |

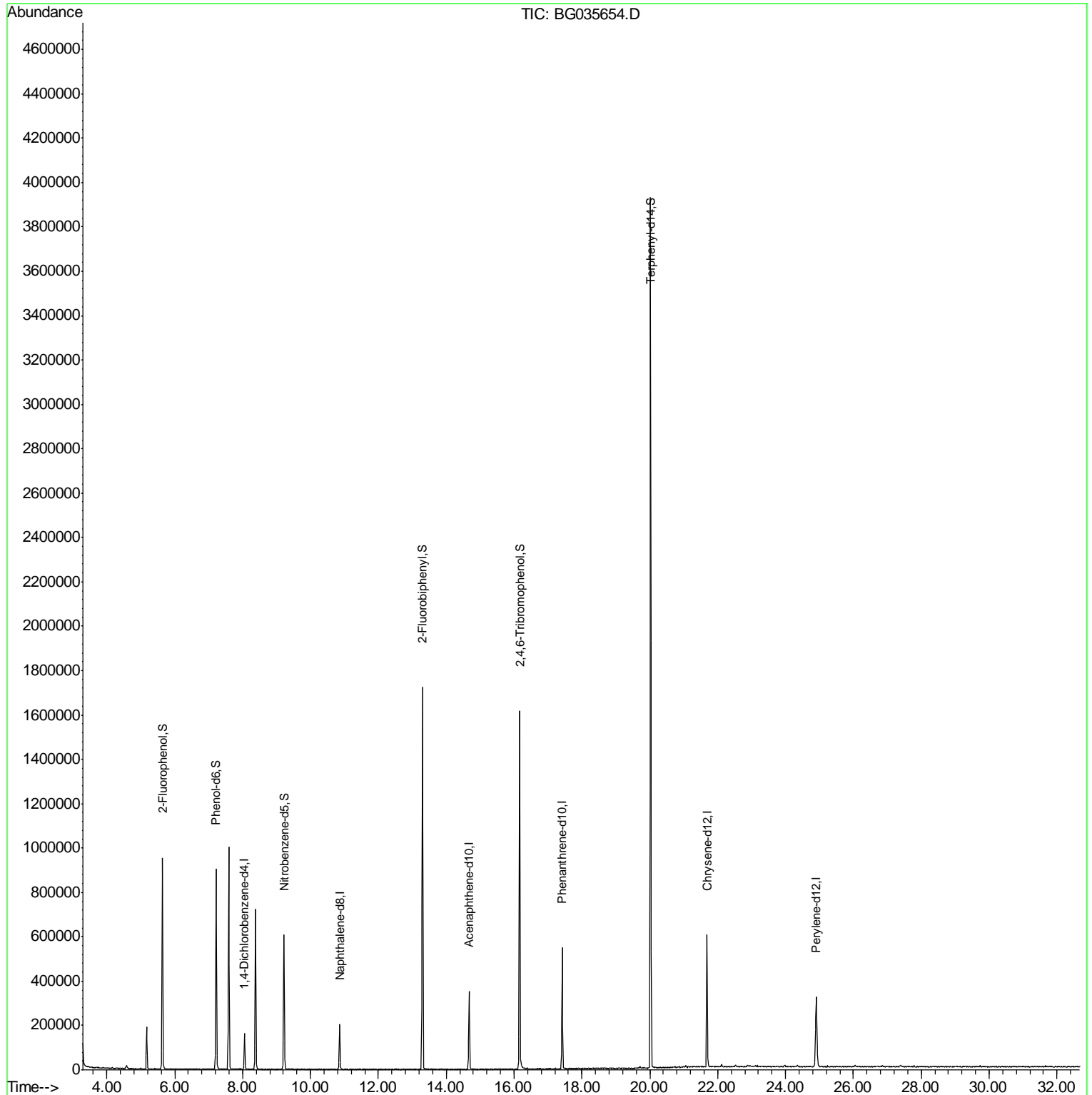
Target Compounds Qvalue

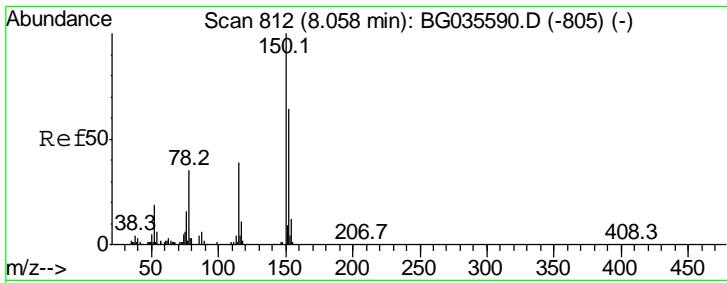
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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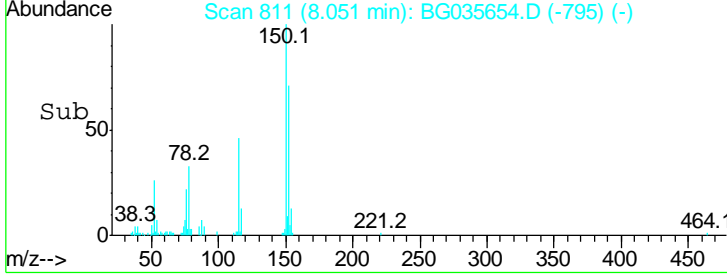
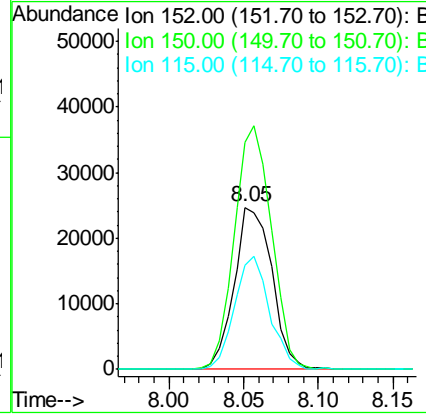
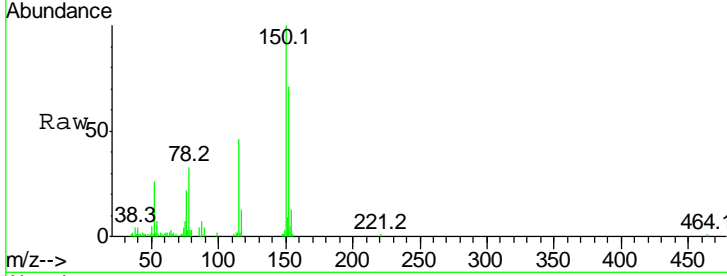




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG035654.D
 Acq: 14 Jul 2018 7:06

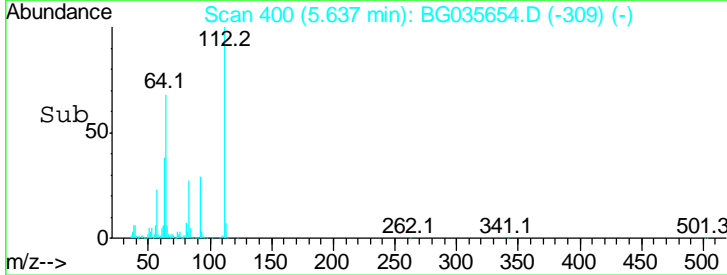
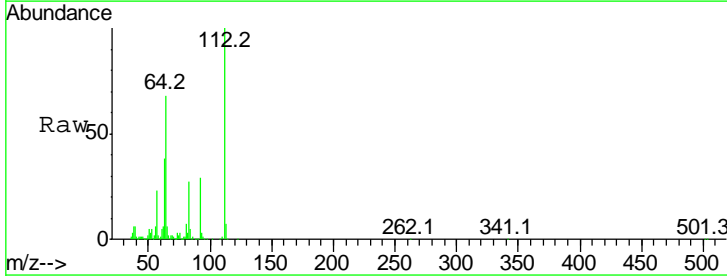
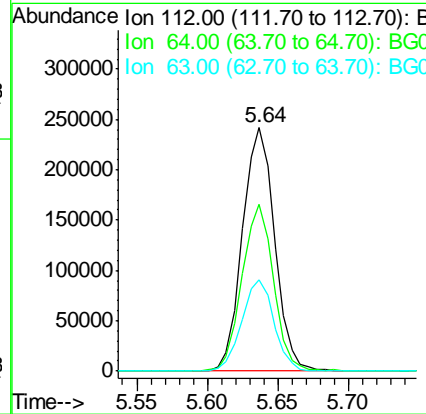
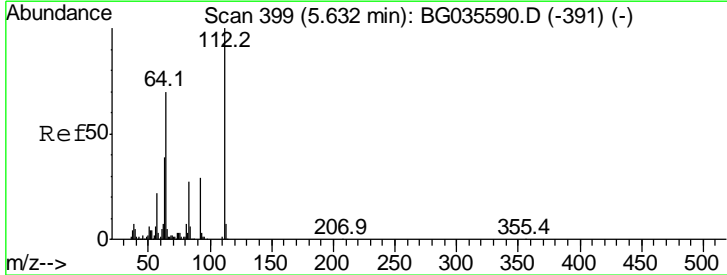
Instrument :
 BNA_G
ClientSampled :
 HR-05-071218-B

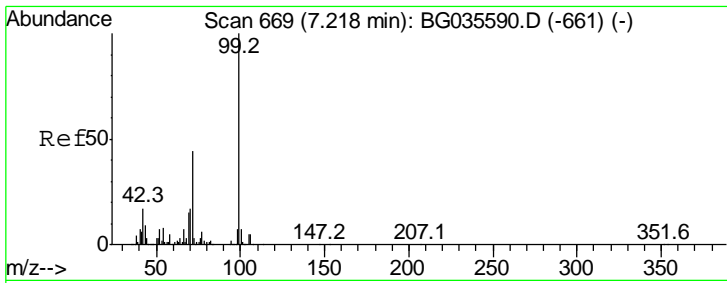
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 152 | 43565 | | |
| 152 | 100 | | |
| 150 | 140.2 | 126.6 | 189.8 |
| 115 | 64.4 | 53.0 | 79.4 |



#5
 2-Fluorophenol
 Concen: 147.361 ng
 RT: 5.64 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: BG035654.D
 Acq: 14 Jul 2018 7:06

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 112 | 386678 | | |
| 112 | 100 | | |
| 64 | 68.4 | 56.3 | 84.5 |
| 63 | 37.5 | 30.1 | 45.1 |

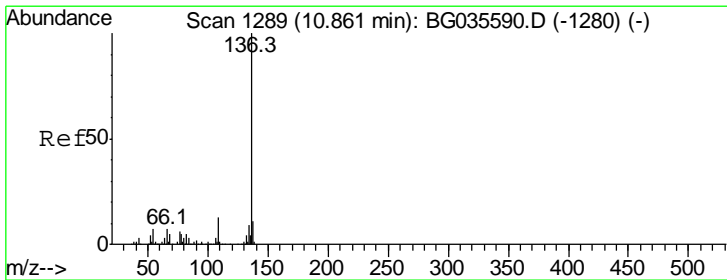
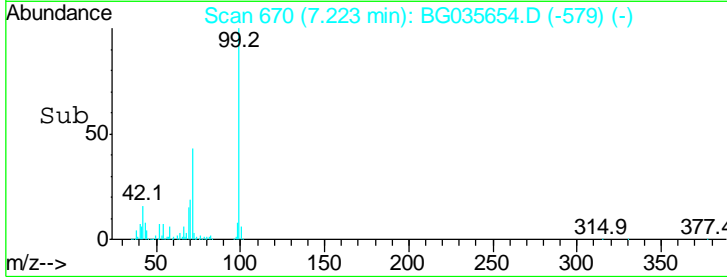
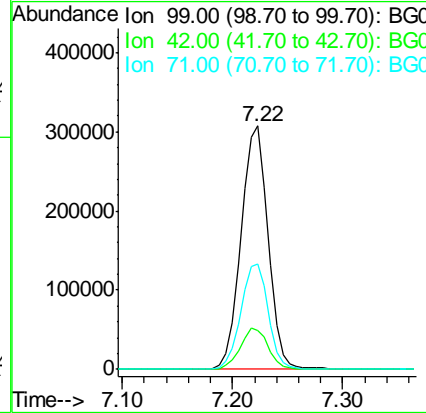
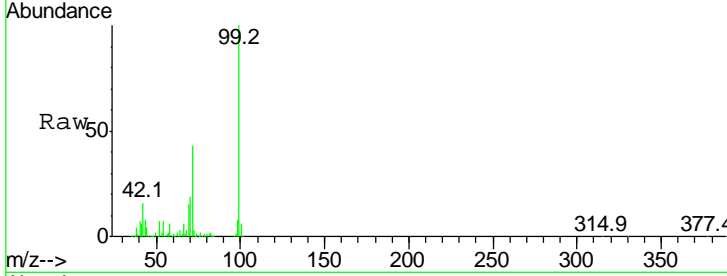




#7
 Phenol-d6
 Concen: 135.610 ng
 RT: 7.22 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BG035654.D
 Acq: 14 Jul 2018 7:06

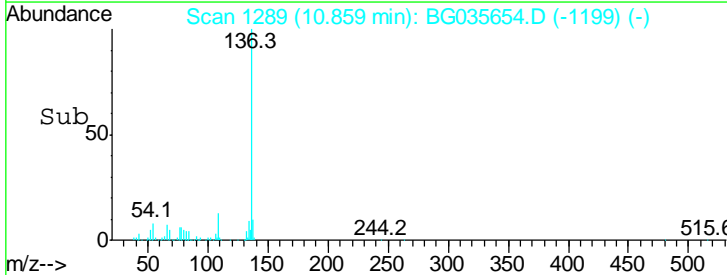
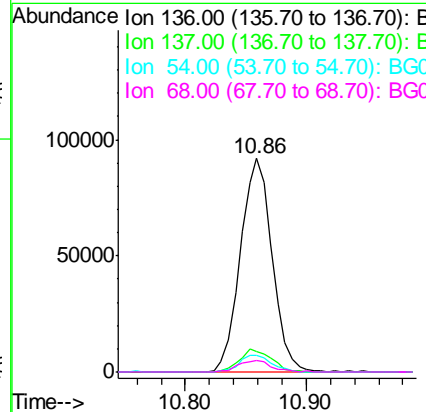
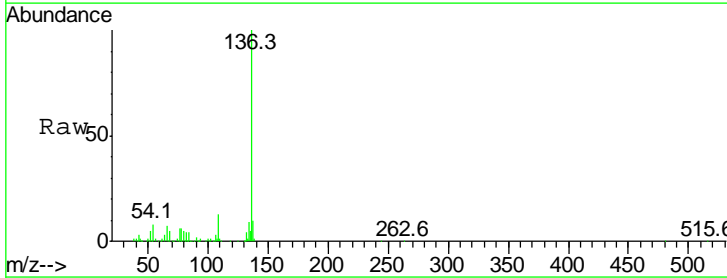
Instrument :
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 ClientSampleId :
 HR-05-071218-B

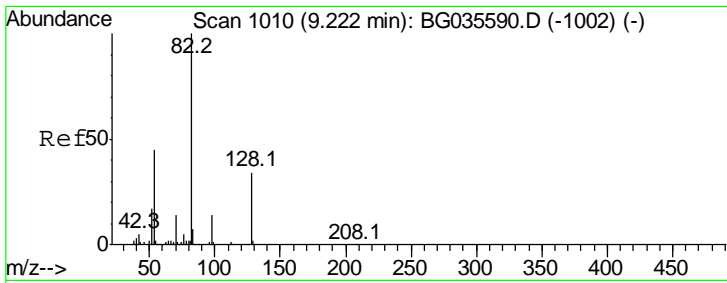
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 99 | 100 | | |
| 42 | 15.8 | 14.1 | 21.1 |
| 71 | 43.2 | 26.1 | 39.1# |



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.86 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BG035654.D
 Acq: 14 Jul 2018 7:06

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 136 | 100 | | |
| 137 | 9.7 | 9.2 | 13.8 |
| 54 | 8.1 | 10.3 | 15.5# |
| 68 | 5.4 | 4.5 | 6.7 |

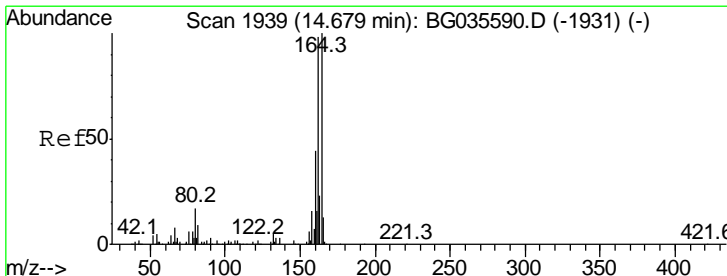
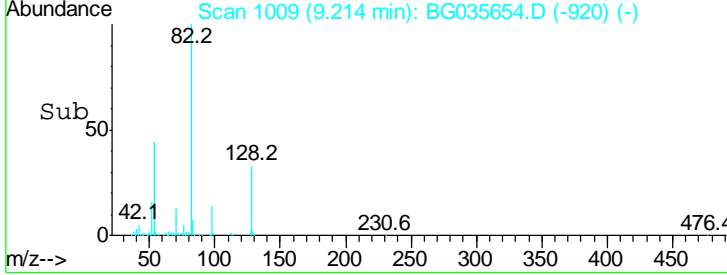
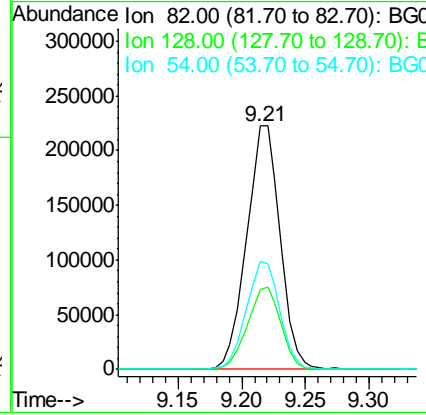
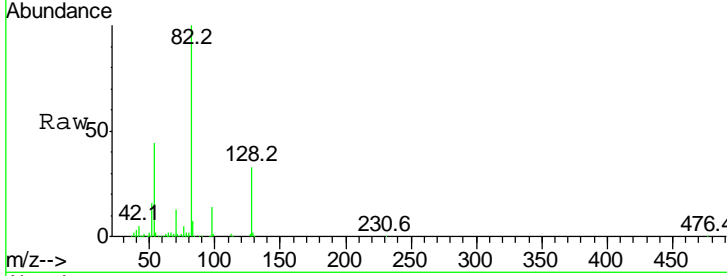




#23
 Nitrobenzene-d5
 Concen: 101.717 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG035654.D
 Acq: 14 Jul 2018 7:06

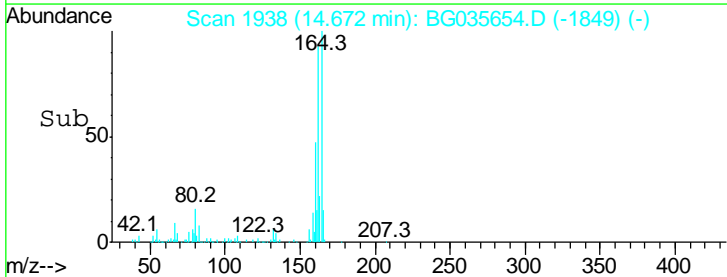
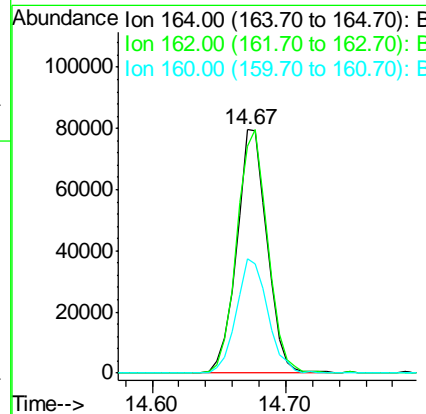
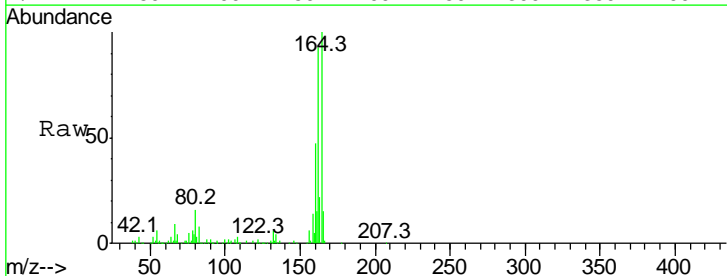
Instrument :
 BNA_G
ClientSampled :
 HR-05-071218-B

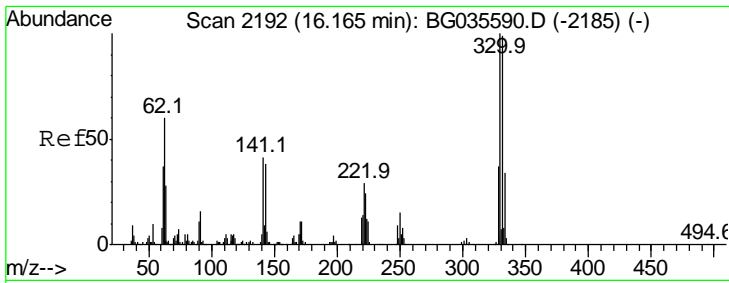
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 82 | 100 | | |
| 128 | 32.5 | 29.7 | 44.5 |
| 54 | 44.3 | 43.1 | 64.7 |



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG035654.D
 Acq: 14 Jul 2018 7:06

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 164 | 100 | | |
| 162 | 93.4 | 78.8 | 118.2 |
| 160 | 47.2 | 35.4 | 53.0 |

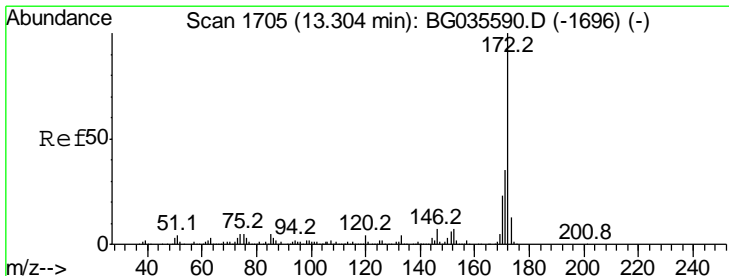
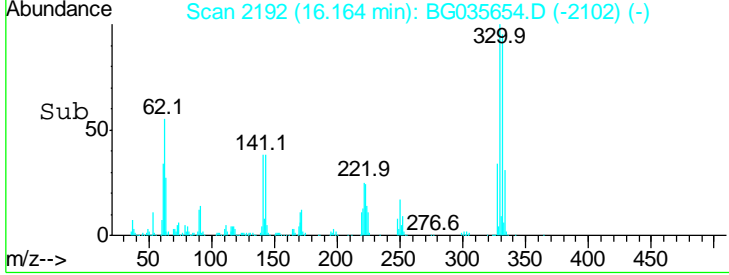
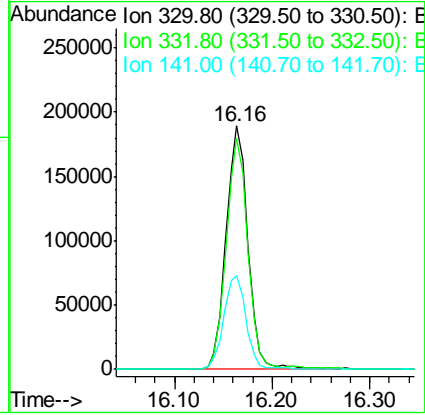
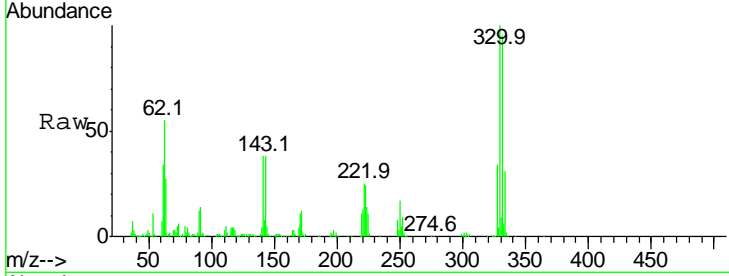




#41
 2,4,6-Tribromophenol
 Concen: 177.685 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG035654.D
 Acq: 14 Jul 2018 7:06

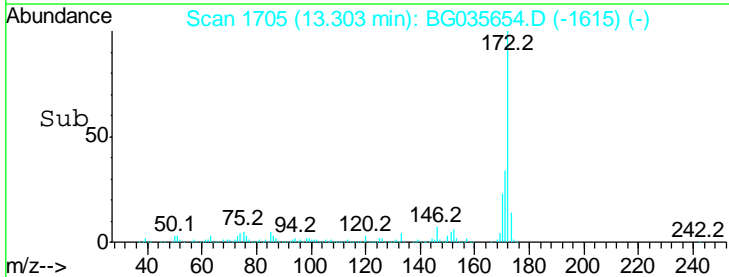
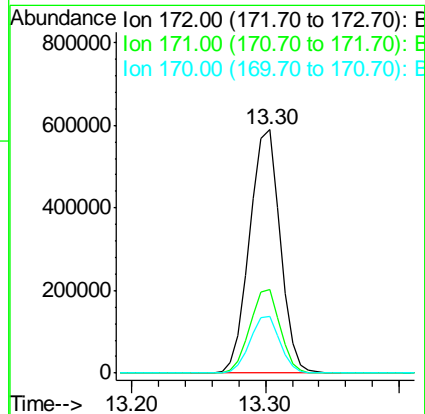
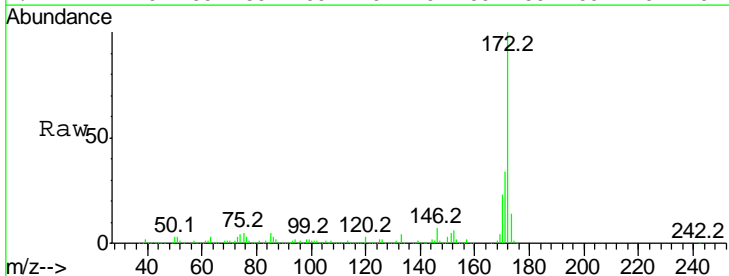
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-071218-B

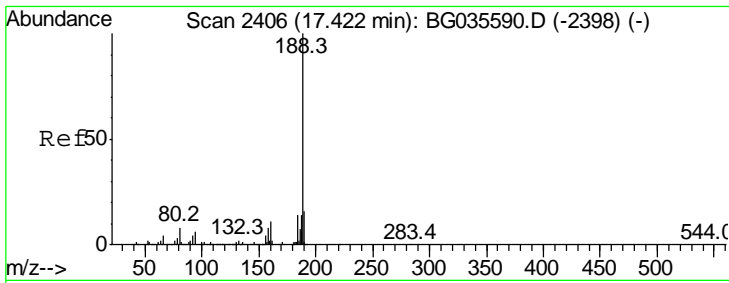
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 330 | 100 | | |
| 332 | 94.7 | 77.0 | 115.6 |
| 141 | 39.2 | 25.2 | 37.8# |



#44
 2-Fluorobiphenyl
 Concen: 99.238 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG035654.D
 Acq: 14 Jul 2018 7:06

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 172 | 100 | | |
| 171 | 34.1 | 30.0 | 45.0 |
| 170 | 23.5 | 19.5 | 29.3 |

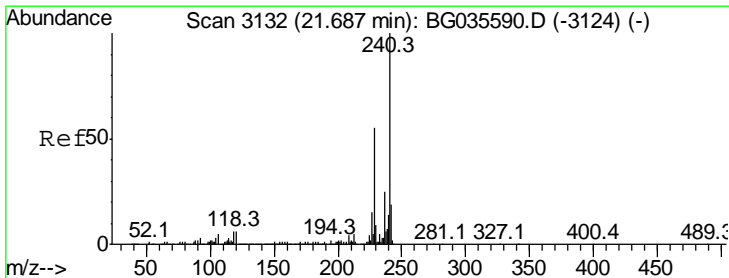
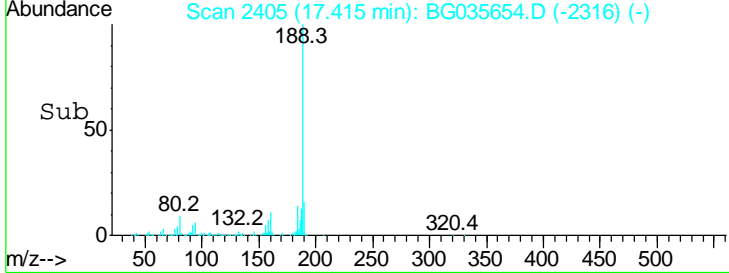
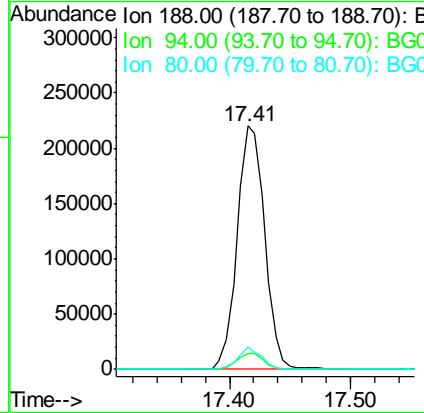
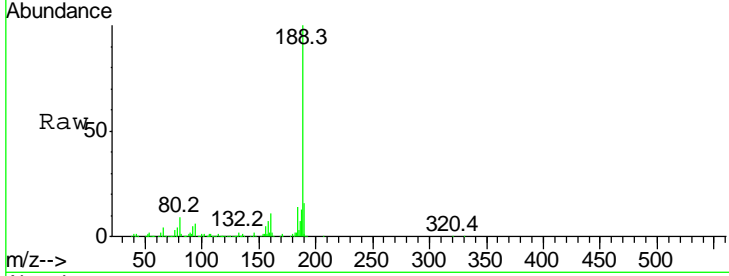




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG035654.D
 Acq: 14 Jul 2018 7:06

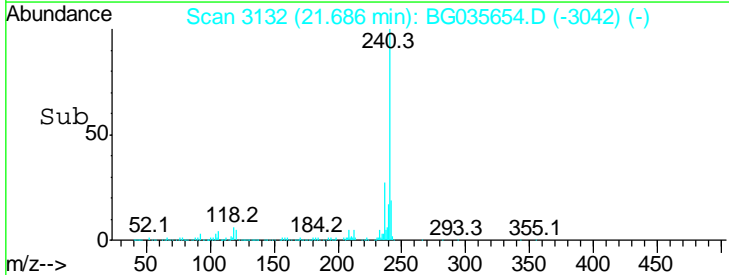
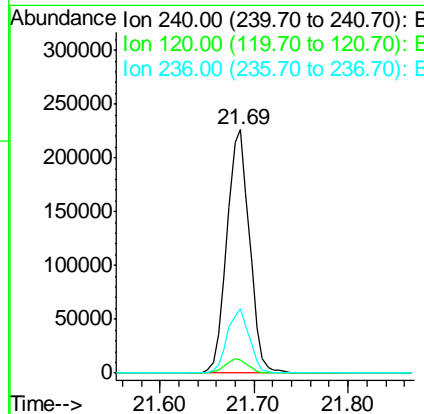
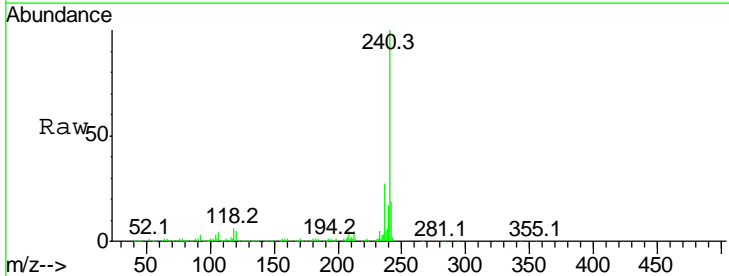
Instrument : BNA_G
 ClientSampleId : HR-05-071218-B

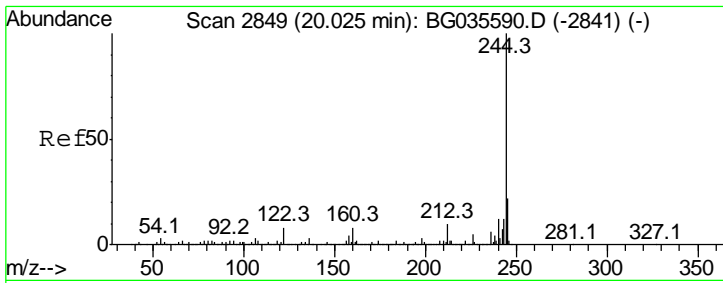
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 188 | 100 | | |
| 94 | 6.4 | 6.9 | 10.3# |
| 80 | 9.0 | 7.7 | 11.5 |



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.00 min
 Lab File: BG035654.D
 Acq: 14 Jul 2018 7:06

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 240 | 100 | | |
| 120 | 5.3 | 6.8 | 10.2# |
| 236 | 26.5 | 20.9 | 31.3 |



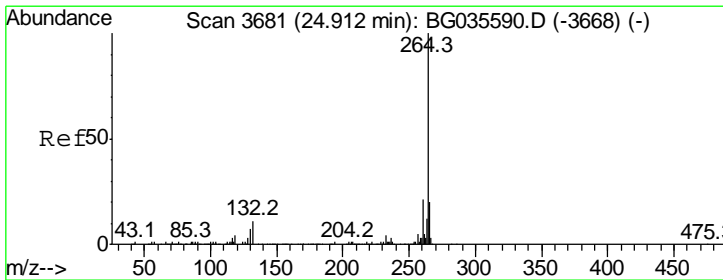
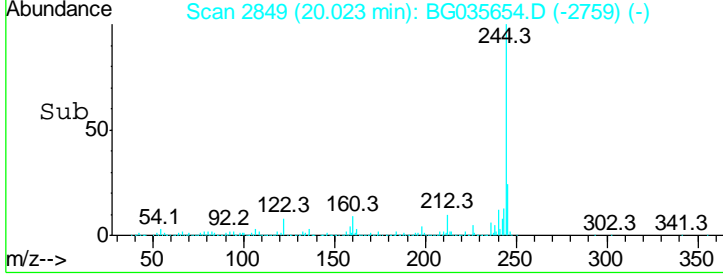
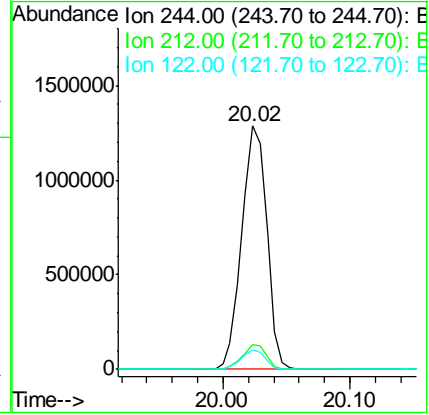
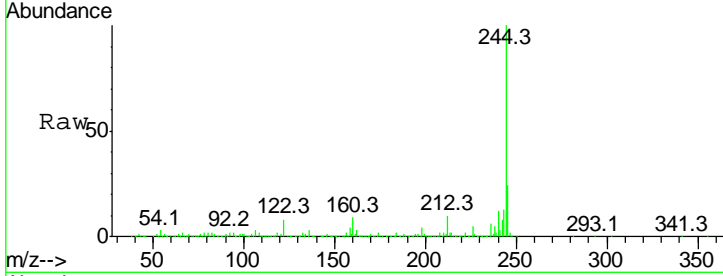


#78
 Terphenyl-d14
 Concen: 102.385 ng
 RT: 20.02 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG035654.D
 Acq: 14 Jul 2018 7:06

Instrument :
 BNA_G
 ClientSampled :
 HR-05-071218-B

Tgt Ion: 244 Resp: 1755588

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100 | | |
| 212 | 10.3 | 5.8 | 8.8# |
| 122 | 8.0 | 7.0 | 10.4 |



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3680
 Delta R.T. -0.01 min
 Lab File: BG035654.D
 Acq: 14 Jul 2018 7:06

Tgt Ion: 264 Resp: 354405

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100 | | |
| 260 | 24.8 | 17.4 | 26.0 |
| 265 | 20.3 | 17.7 | 26.5 |

