

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122618\  
 Data File : BG038833.D  
 Acq On : 26 Dec 2018 16:53  
 Operator : JU/SJ  
 Sample : J6498-08  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSSI-1219-S-TCLP-6

Quant Time: Dec 27 00:23:27 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 15:26:27 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.06  | 152  | 22534    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.87 | 136  | 89733    | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.69 | 164  | 64529    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.44 | 188  | 183341   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.72 | 240  | 192222   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 25.02 | 264  | 202110   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.61  | 112  | 180147   | 141.79 | ng    | 0.00     |
| 7) Phenol-d6                | 7.22  | 99   | 229015   | 131.31 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 9.23  | 82   | 172365   | 98.13  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.18 | 330  | 174699   | 196.44 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.31 | 172  | 490663   | 104.31 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.04 | 244  | 1042210  | 118.00 | ng    | 0.00     |

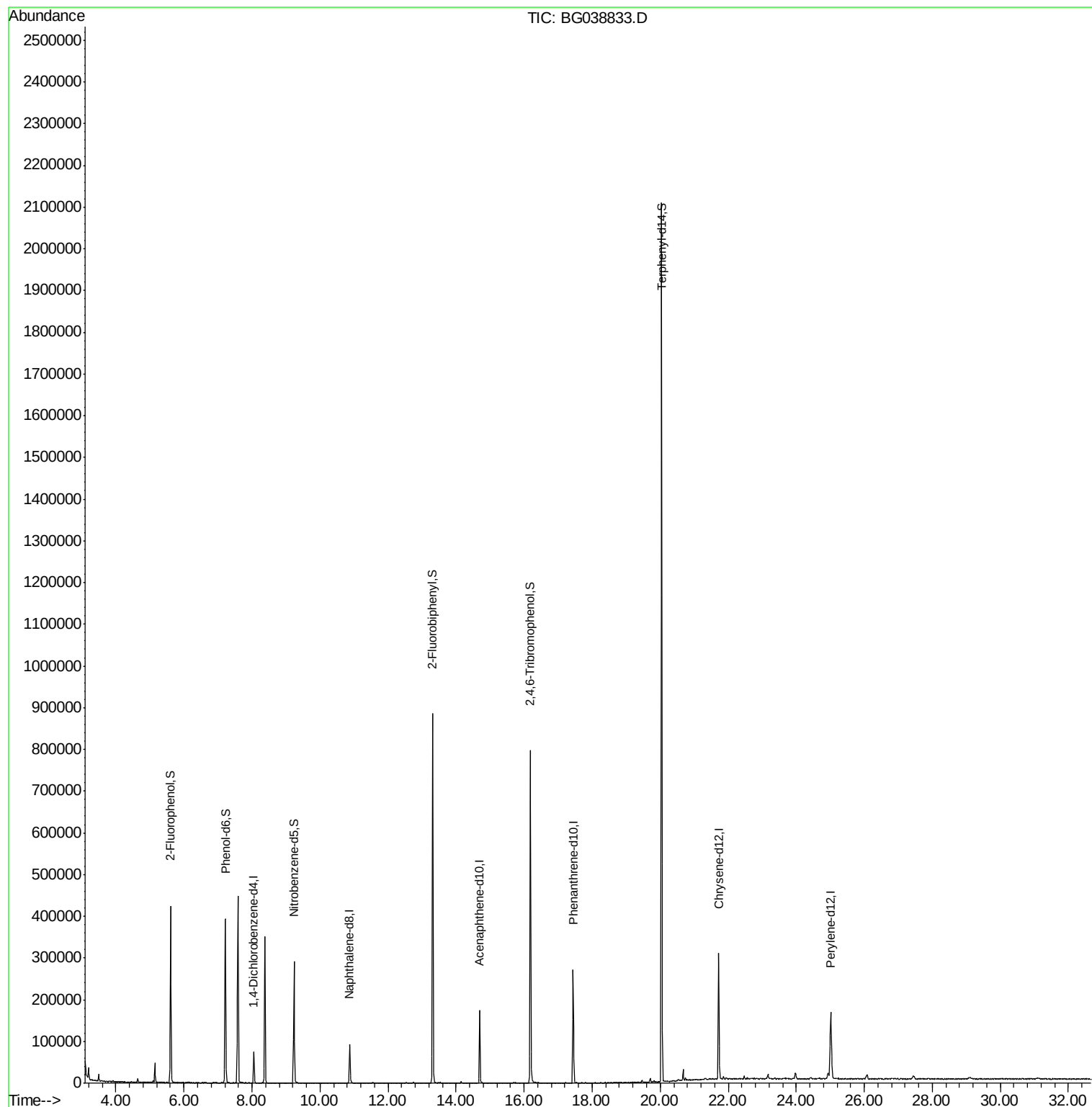
Target Compounds Qvalue

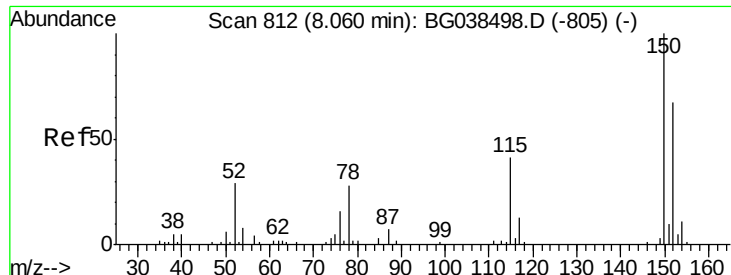
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122618\  
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Sample : J6498-08  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
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SSSI-1219-S-TCLP-6

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Response via : Initial Calibration



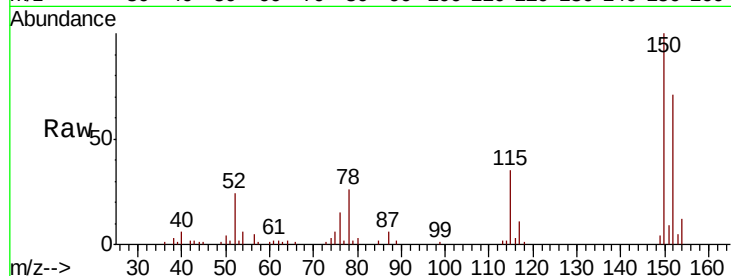


#1

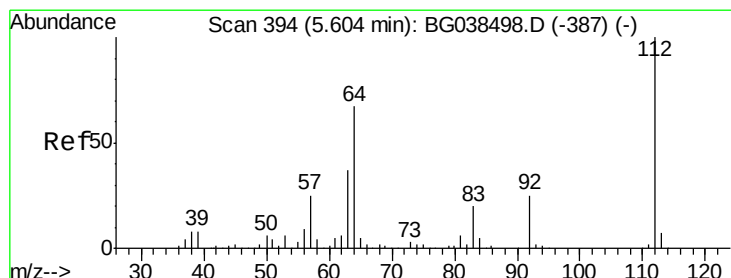
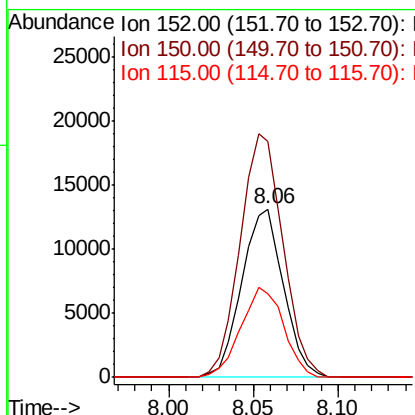
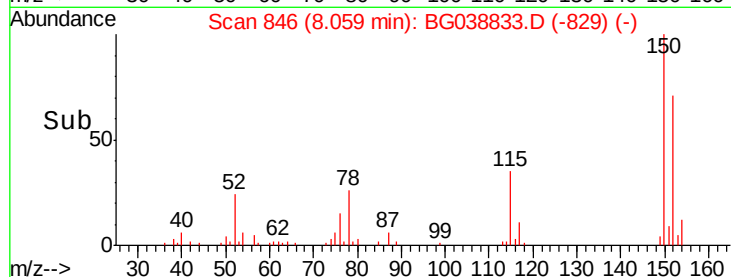
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 846  
Delta R.T. -0.00 min  
Lab File: BG038833.D  
Acq: 26 Dec 2018 16:53

Instrument :  
BNA\_G  
ClientSampleId :  
SSSI-1219-S-TCLP-6

Tot Ion:152 Resp: 22534  
Ion Ratio Lower Upper  
152 100  
150 140.5 119.5 179.3  
115 49.6 49.6 74.4



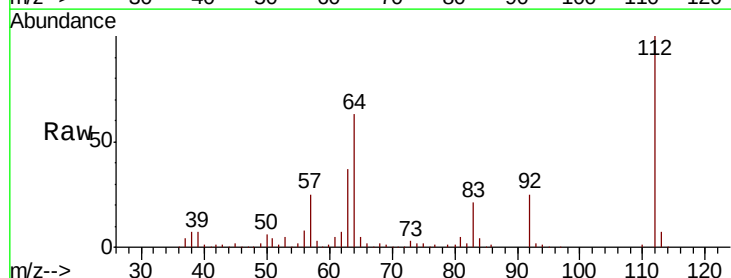
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



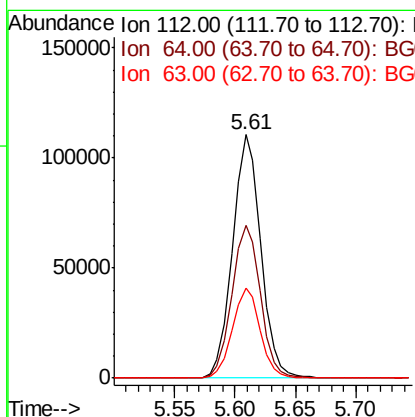
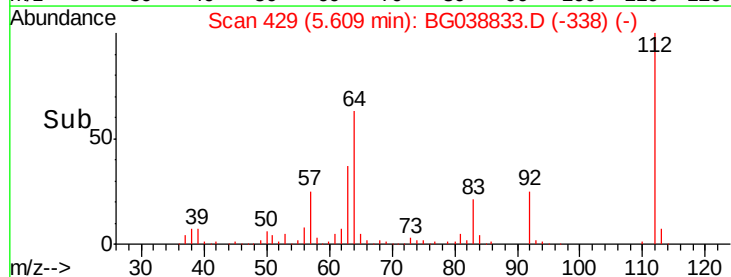
#5

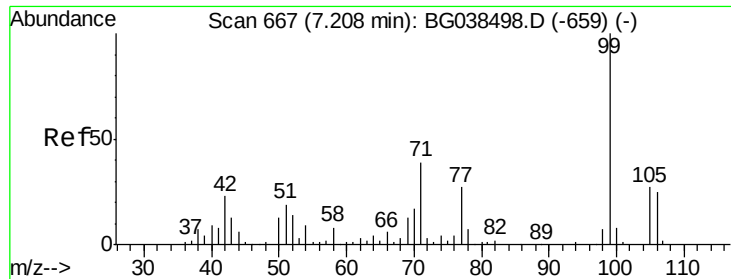
2-Fluorophenol  
Concen: 141.794 ng  
RT: 5.61 min Scan# 429  
Delta R.T. 0.01 min  
Lab File: BG038833.D  
Acq: 26 Dec 2018 16:53

Tgt Ion:112 Resp: 180147  
Ion Ratio Lower Upper  
112 100  
64 63.0 53.4 80.2  
63 36.9 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 131.306 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038833.D

Acq: 26 Dec 2018 16:53

Instrument :

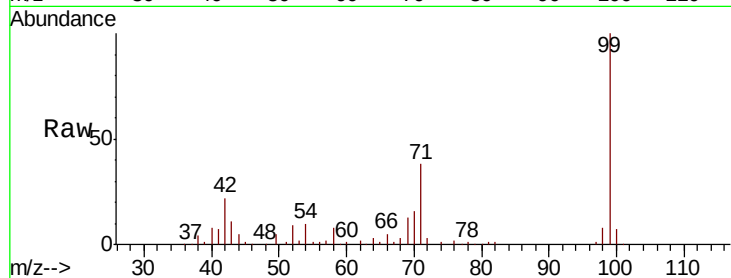
BNA\_G

ClientSampleId :

SSSI-1219-S-TCLP-6

Tot Ion: 99 Resp: 229015

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 21.8  | 18.5  | 27.7  |
| 71  | 37.9  | 31.1  | 46.7  |

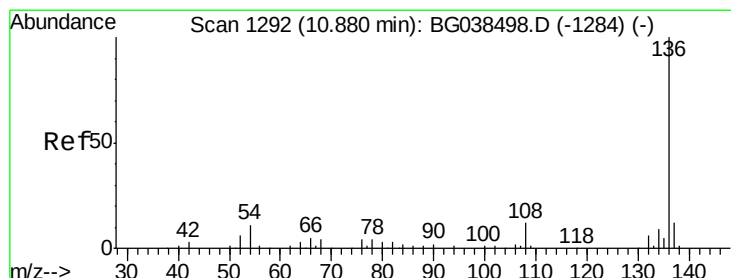
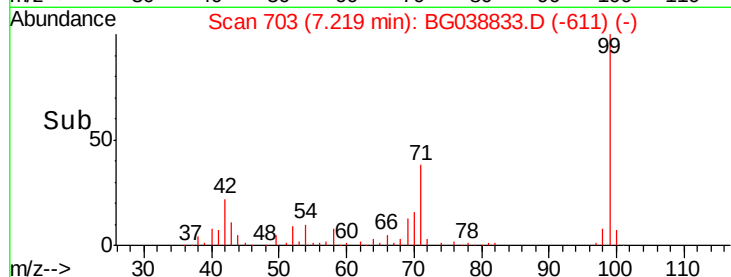
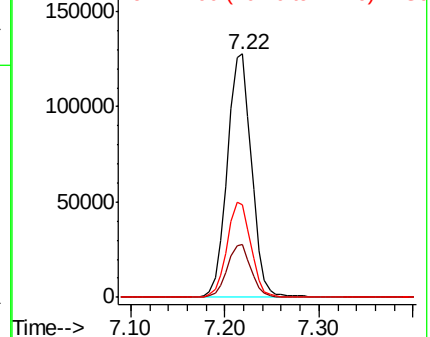


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038833.D

Acq: 26 Dec 2018 16:53

Tgt Ion: 136 Resp: 89733

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 12.1  | 9.3   | 13.9  |
| 54  | 10.3  | 8.5   | 12.7  |
| 68  | 4.0   | 3.5   | 5.3   |

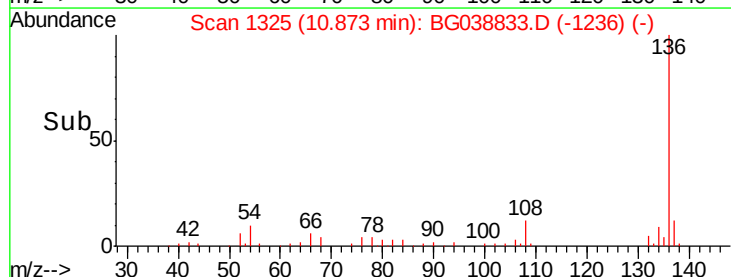
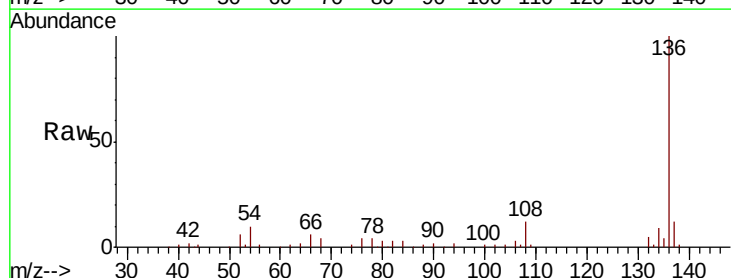
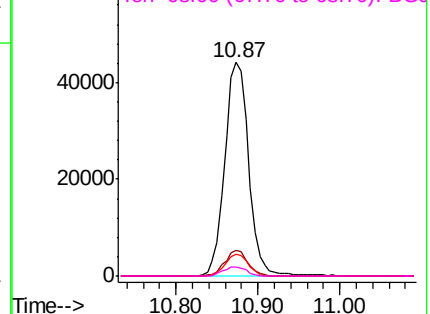
Abundance

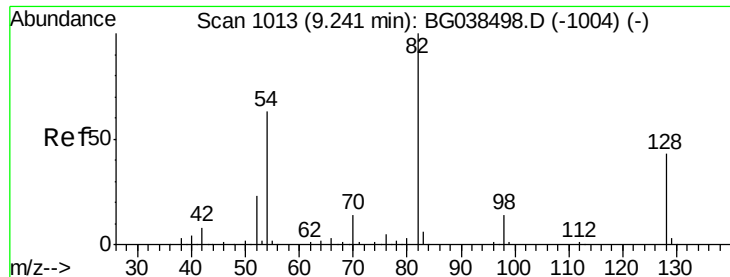
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

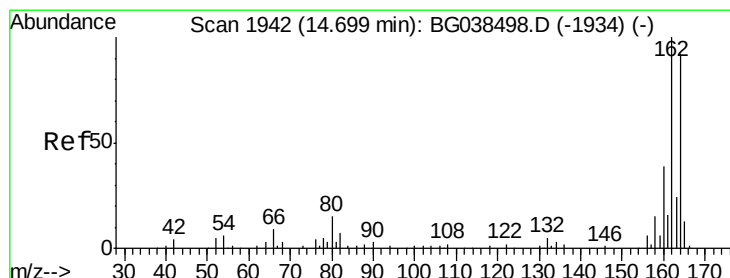
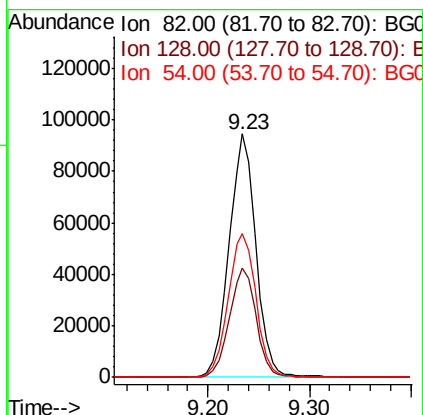
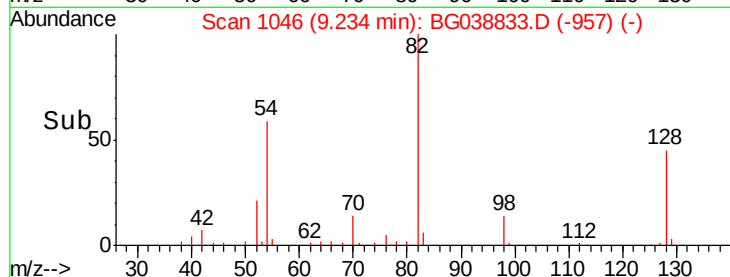
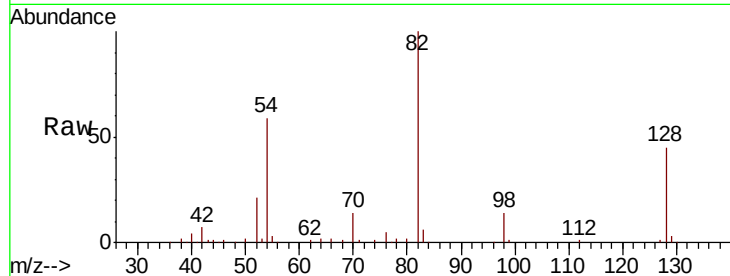




#23  
Nitrobenzene-d5  
Concen: 98.131 ng  
RT: 9.23 min Scan# 1046  
Delta R.T. -0.01 min  
Lab File: BG038833.D  
Acq: 26 Dec 2018 16:53

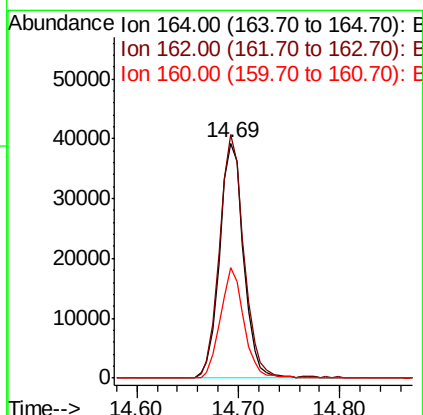
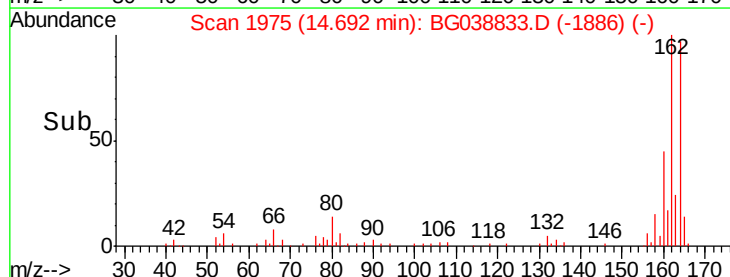
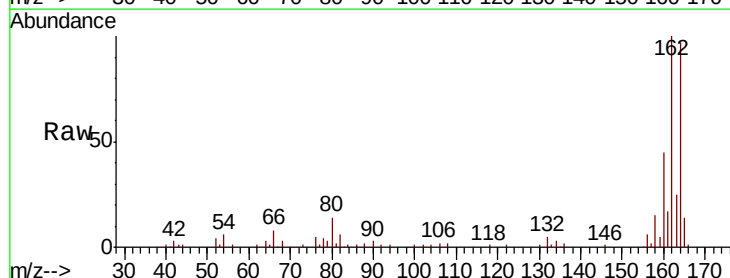
Instrument :  
BNA\_G  
ClientSampleId :  
SSSI-1219-S-TCLP-6

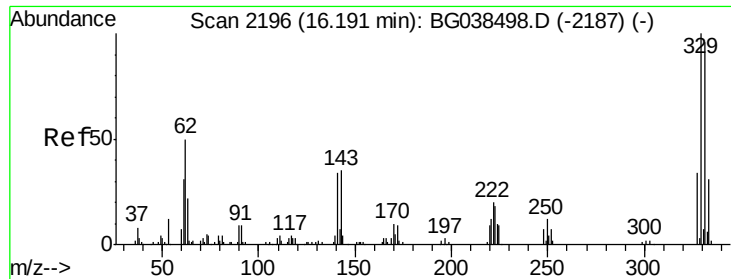
Tot Ion: 82 Resp: 172365  
Ion Ratio Lower Upper  
82 100  
128 44.9 34.6 52.0  
54 58.9 50.6 76.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.69 min Scan# 1975  
Delta R.T. -0.01 min  
Lab File: BG038833.D  
Acq: 26 Dec 2018 16:53

Tgt Ion:164 Resp: 64529  
Ion Ratio Lower Upper  
164 100  
162 103.5 86.6 130.0  
160 46.9 34.2 51.2

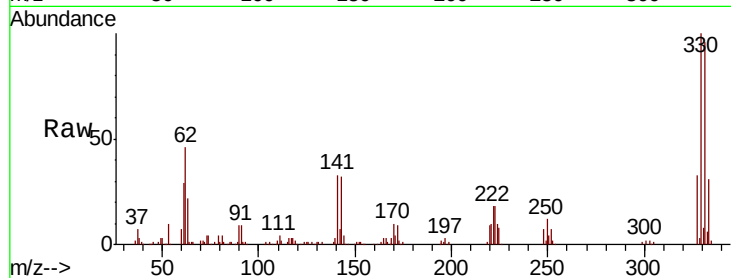




#42  
 2,4,6-Tribromophenol  
 Concen: 196.440 ng  
 RT: 16.18 min Scan# 2229  
 Delta R.T. -0.01 min  
 Lab File: BG038833.D  
 Acq: 26 Dec 2018 16:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSSI-1219-S-TCLP-6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.9  | 76.9  | 115.3 |
| 141     | 32.5  | 28.8  | 43.2  |

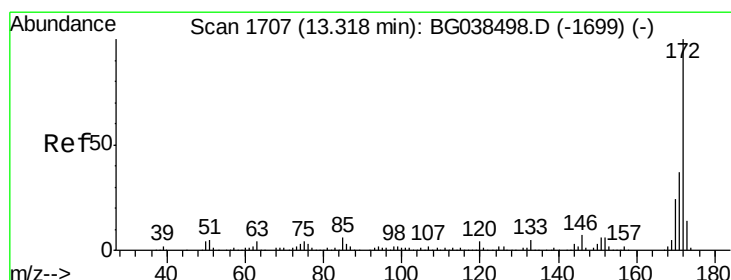
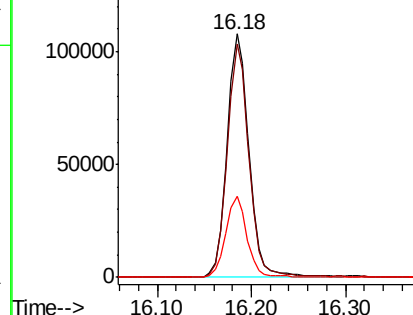
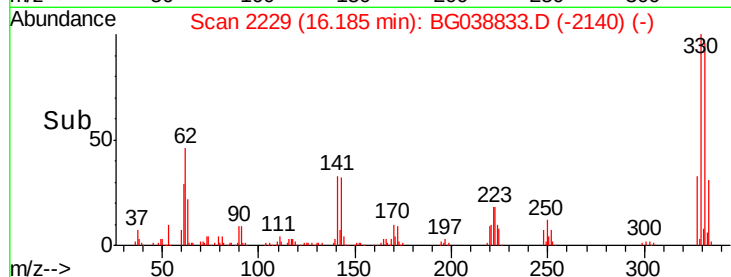


Abundance

Ion 329.80 (329.50 to 330.50): E

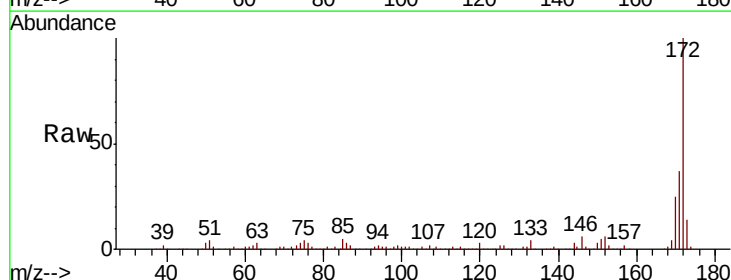
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 104.312 ng  
 RT: 13.31 min Scan# 1740  
 Delta R.T. -0.01 min  
 Lab File: BG038833.D  
 Acq: 26 Dec 2018 16:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.3  | 29.8  | 44.6  |
| 170     | 24.7  | 19.5  | 29.3  |

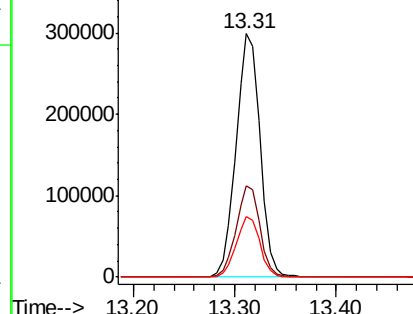
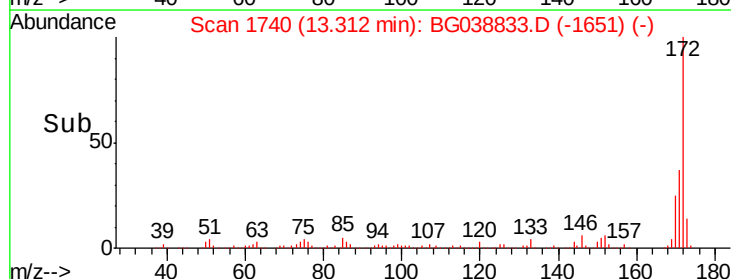


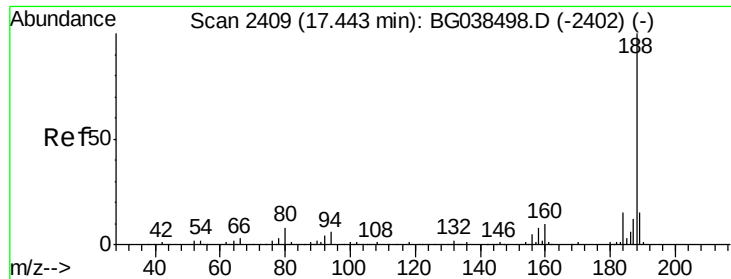
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

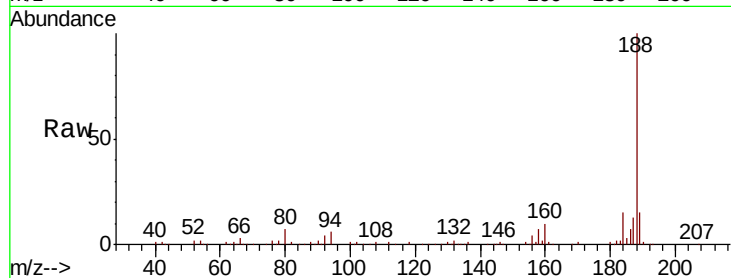




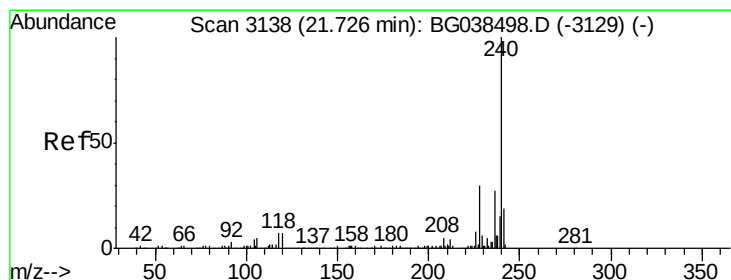
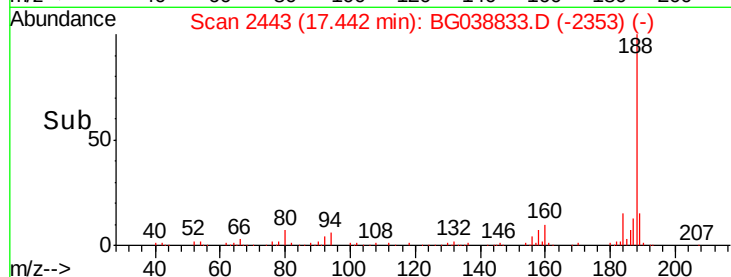
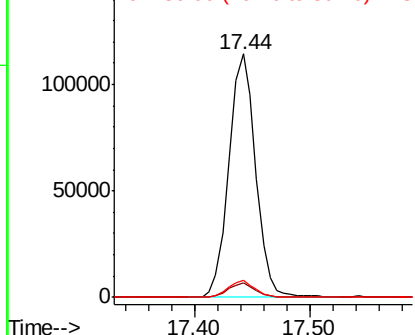
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.44 min Scan# 2443  
Delta R.T. -0.00 min  
Lab File: BG038833.D  
Acq: 26 Dec 2018 16:53

Instrument :  
BNA\_G  
ClientSampleId :  
SSSI-1219-S-TCLP-6

Tot Ion:188 Resp: 183341  
Ion Ratio Lower Upper  
188 100  
94 6.1 5.1 7.7  
80 7.0 6.1 9.1

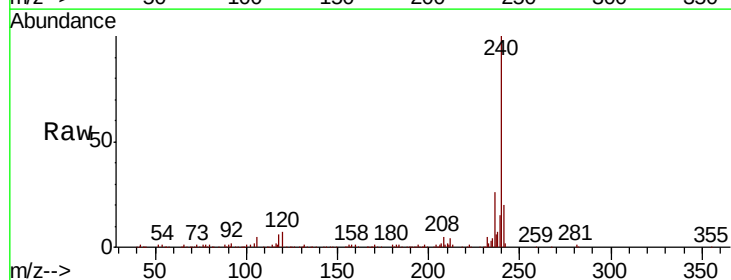


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BGO  
Ion 80.00 (79.70 to 80.70): BGO

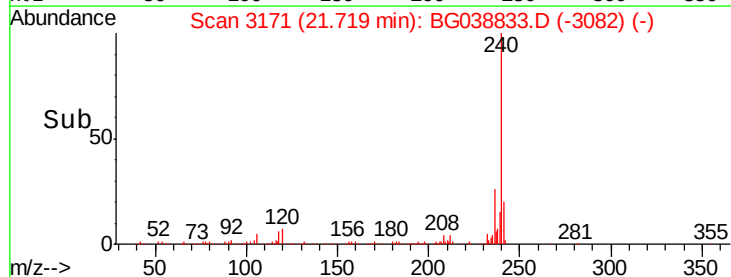
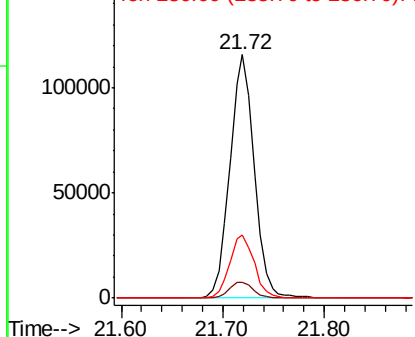


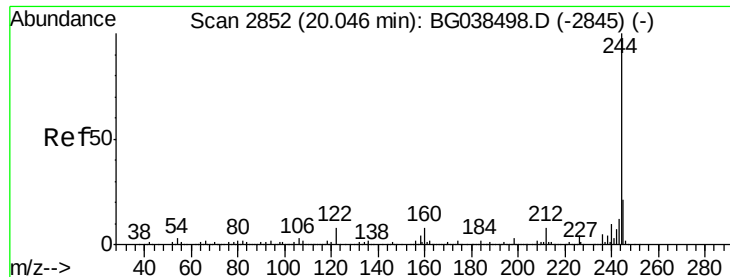
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.72 min Scan# 3171  
Delta R.T. -0.01 min  
Lab File: BG038833.D  
Acq: 26 Dec 2018 16:53

Tgt Ion:240 Resp: 192222  
Ion Ratio Lower Upper  
240 100  
120 6.7 5.3 7.9  
236 25.9 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 117.999 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038833.D

Acq: 26 Dec 2018 16:53

Instrument :

BNA\_G

ClientSampleId :

SSSI-1219-S-TCLP-6

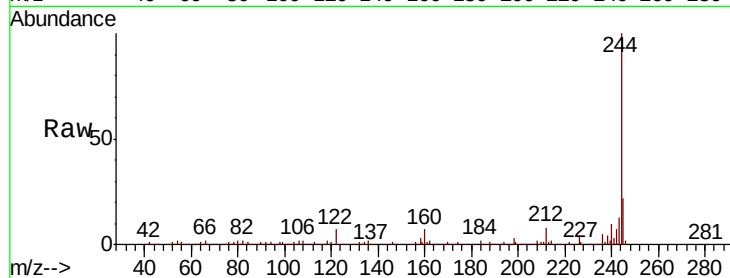
Tot Ion:244 Resp: 1042210

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

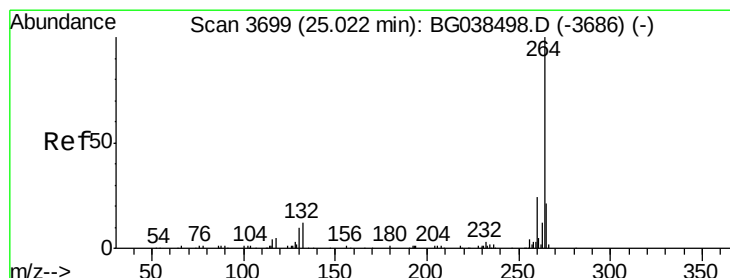
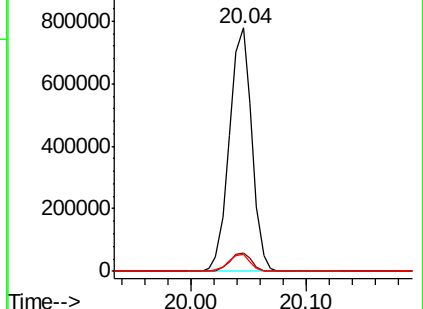
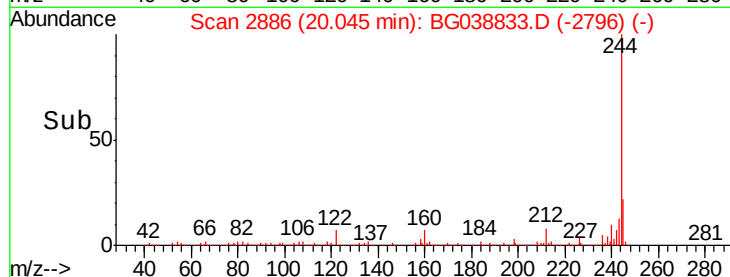
122 6.9 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038833.D

Acq: 26 Dec 2018 16:53

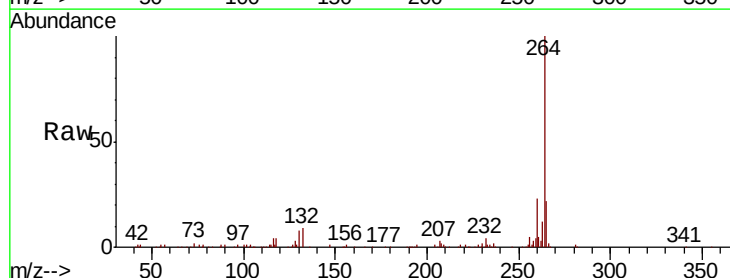
Tgt Ion:264 Resp: 202110

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.7 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

