

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\  
 Data File : BG045169.D  
 Acq On : 24 Apr 2020 20:23  
 Operator : CG/JU  
 Sample : L2401-05  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CONCRETE-DEMO-1

Quant Time: Apr 25 01:36:37 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 23 13:58:55 2020  
 Response via : Initial Calibration

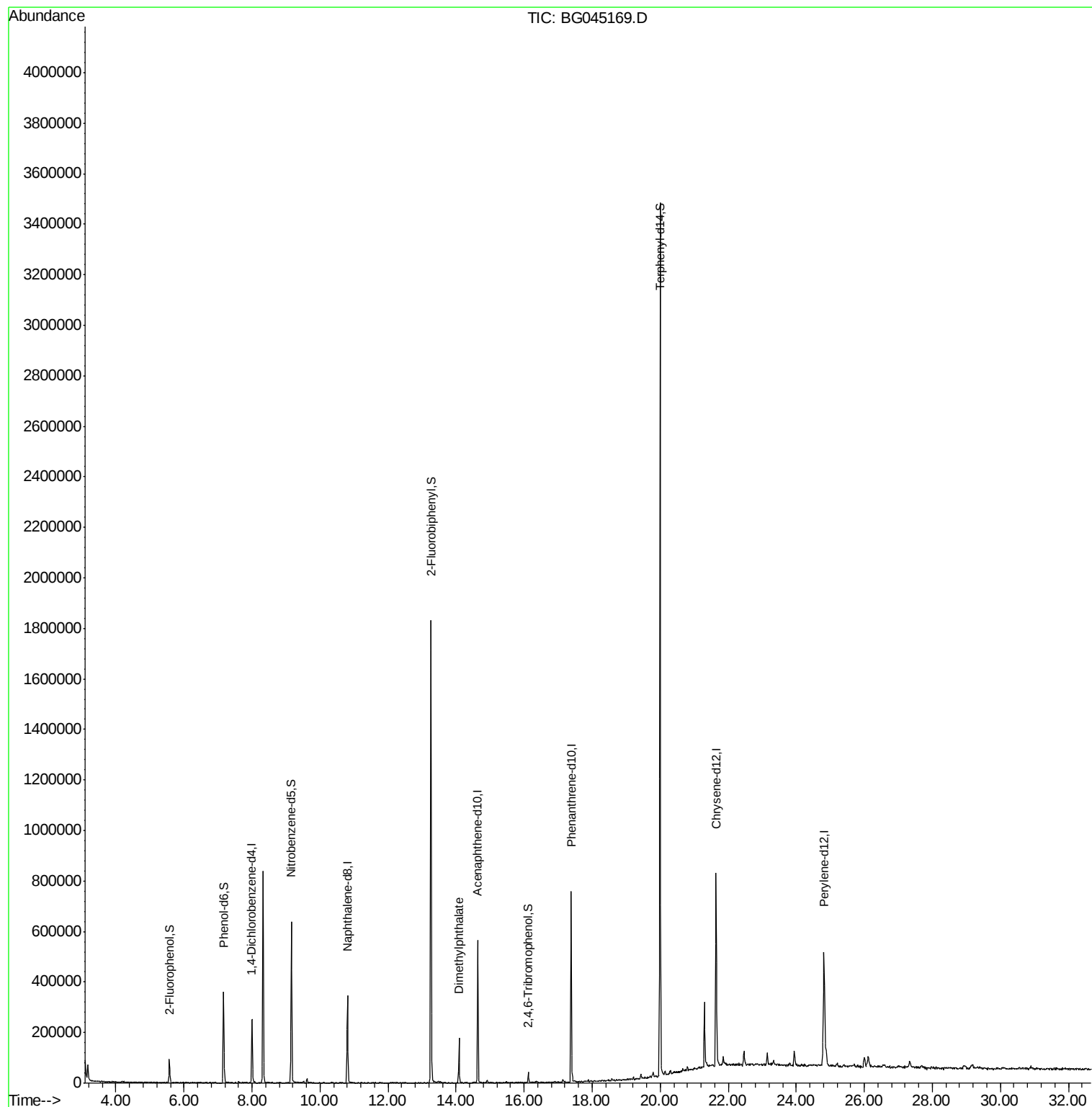
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.00  | 152  | 79064    | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.81 | 136  | 309579   | 20.00 | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.64 | 164  | 215036   | 20.00 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.39 | 188  | 518884   | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12            | 21.64 | 240  | 508538   | 20.00 | ng    | -0.01     |
| 87) Perylene-d12            | 24.82 | 264  | 545970   | 20.00 | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.57  | 112  | 45646    | 9.53  | ng    | 0.00      |
| 7) Phenol-d6                | 7.16  | 99   | 248107   | 34.87 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.16  | 82   | 441016   | 65.00 | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 16.13 | 330  | 9308     | 2.80  | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.26 | 172  | 1021142  | 69.63 | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.99 | 244  | 1752005  | 75.09 | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 14.08 | 163  | 123894   | 7.076 | ng    | Qvalue 96 |

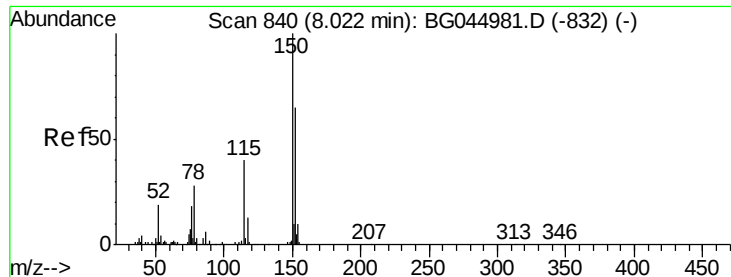
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\  
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Misc :  
ALS Vial : 14 Sample Multiplier: 1

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BNA\_G  
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CONCRETE-DEMO-1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
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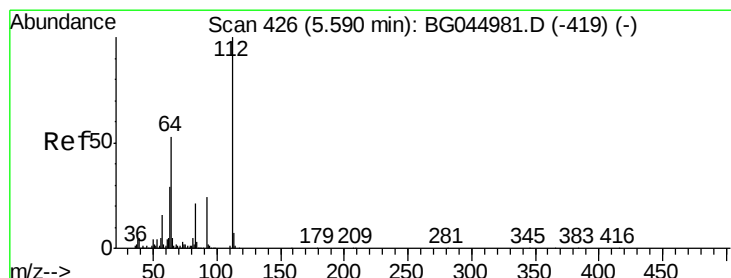
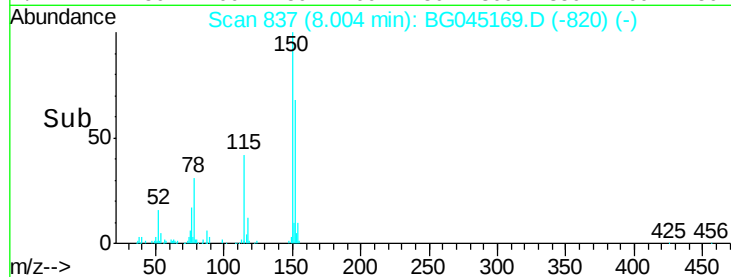
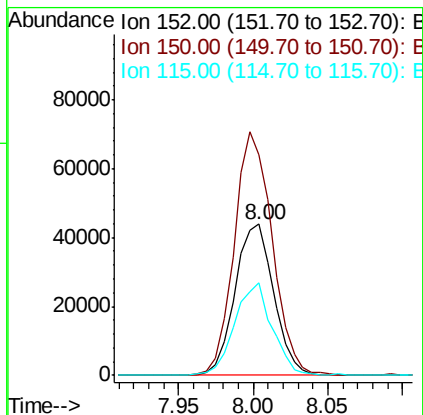
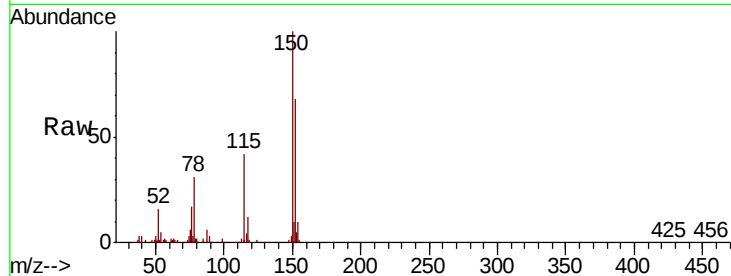


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 837  
Delta R.T. -0.00 min  
Lab File: BG045169.D  
Acq: 24 Apr 2020 20:23

Instrument :  
BNA\_G  
ClientSampleId :  
CONCRETE-DEMO-1

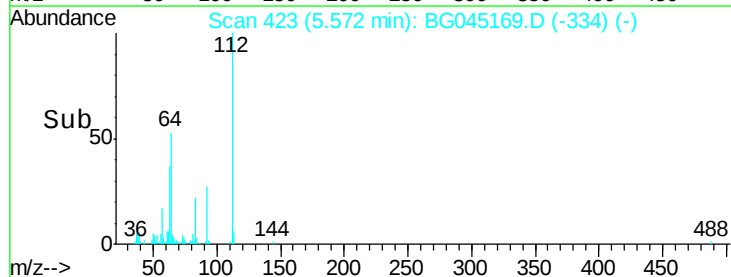
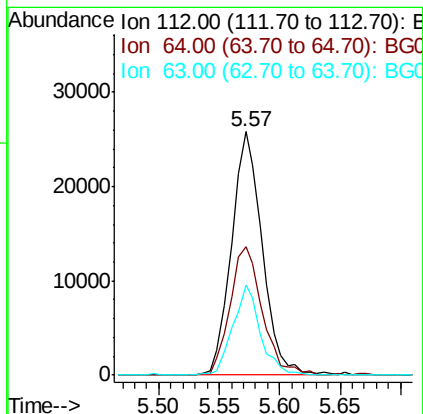
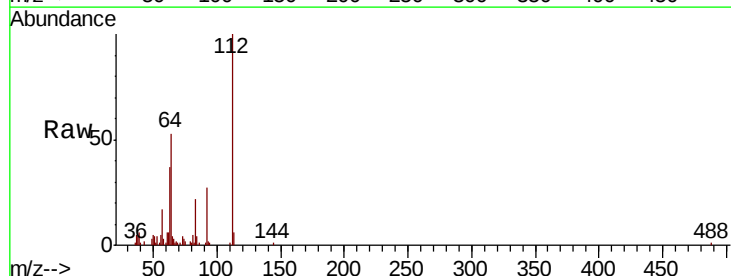
Tot Ion:152 Resp: 79064  
Ion Ratio Lower Upper  
152 100  
150 146.2 123.6 185.4  
115 61.0 49.1 73.7

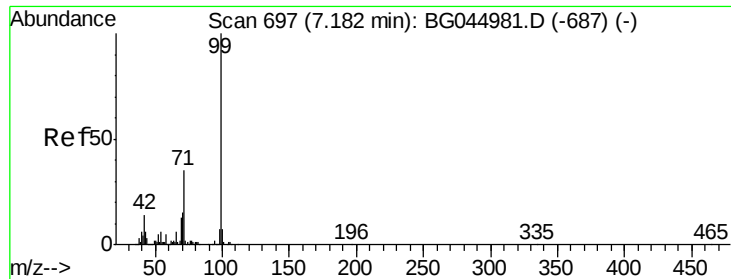


#5

2-Fluorophenol  
Concen: 9.531 ng  
RT: 5.57 min Scan# 423  
Delta R.T. -0.01 min  
Lab File: BG045169.D  
Acq: 24 Apr 2020 20:23

Tgt Ion:112 Resp: 45646  
Ion Ratio Lower Upper  
112 100  
64 52.6 42.4 63.6  
63 36.9 23.1 34.7#





#7

Phenol-d6

Concen: 34.870 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG045169.D

Acq: 24 Apr 2020 20:23

Instrument :

BNA\_G

ClientSampleId :

CONCRETE-DEMO-1

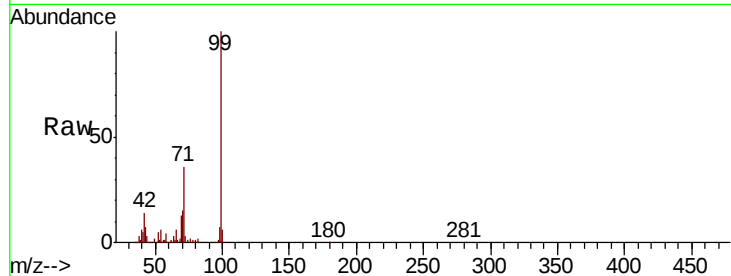
Tot Ion: 99 Resp: 248107

Ion Ratio Lower Upper

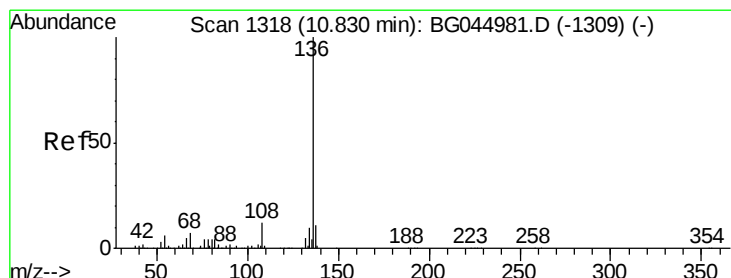
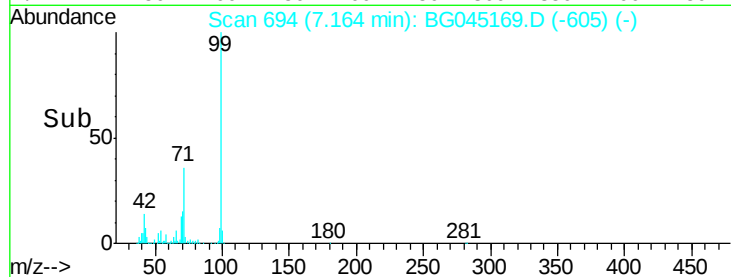
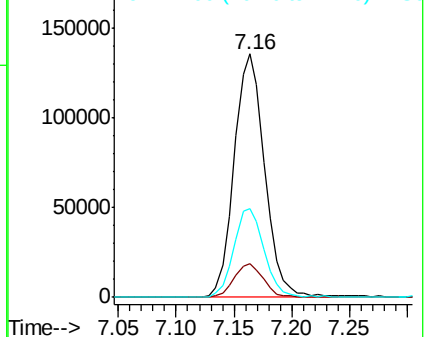
99 100

42 13.9 11.3 16.9

71 36.3 28.3 42.5



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: 10.81 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG045169.D

Acq: 24 Apr 2020 20:23

Tgt Ion: 136 Resp: 309579

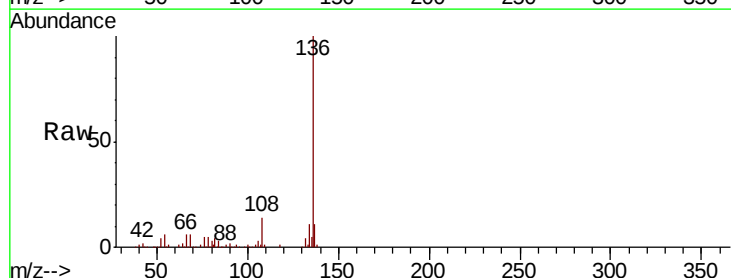
Ion Ratio Lower Upper

136 100

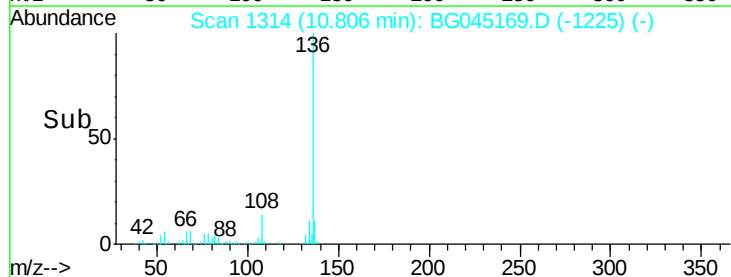
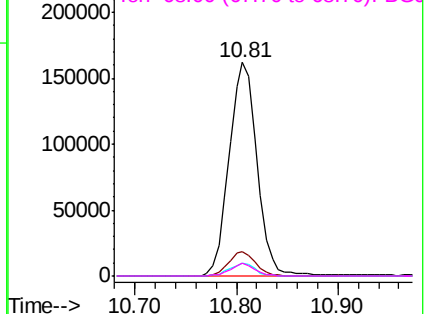
137 11.4 8.6 13.0

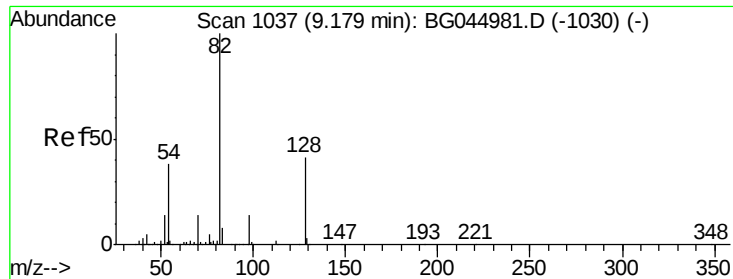
54 5.8 4.8 7.2

68 6.2 5.2 7.8



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

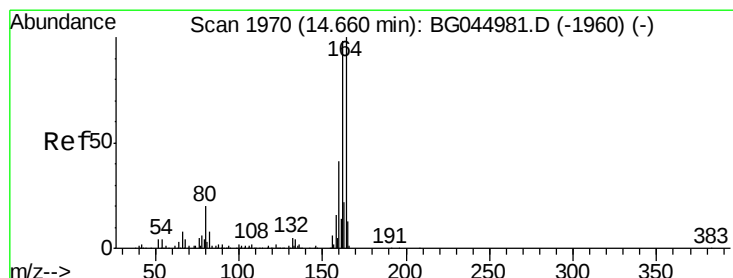
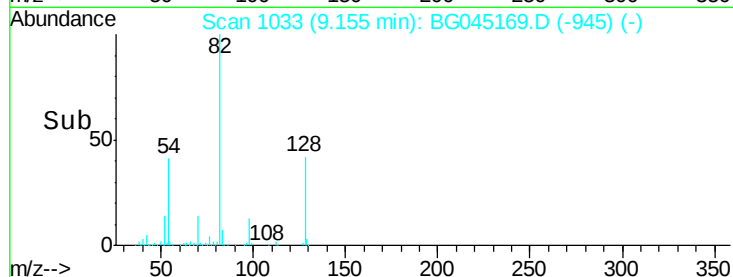
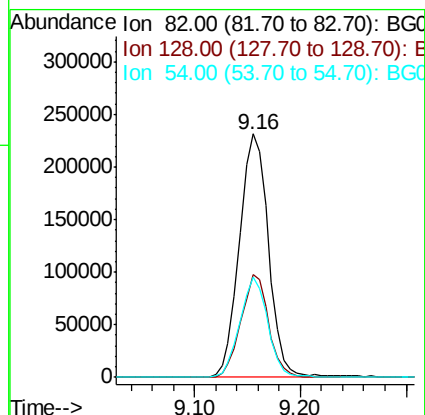
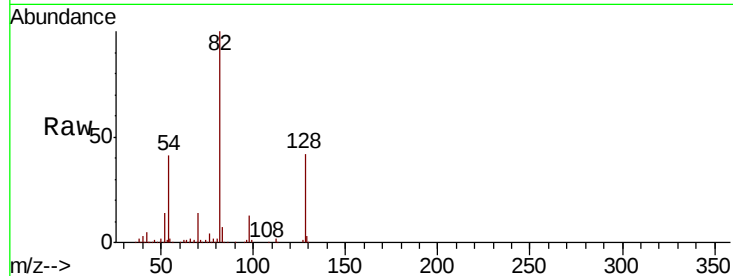




#23  
Nitrobenzene-d5  
Concen: 65.001 ng  
RT: 9.16 min Scan# 1033  
Delta R.T. -0.01 min  
Lab File: BG045169.D  
Acq: 24 Apr 2020 20:23

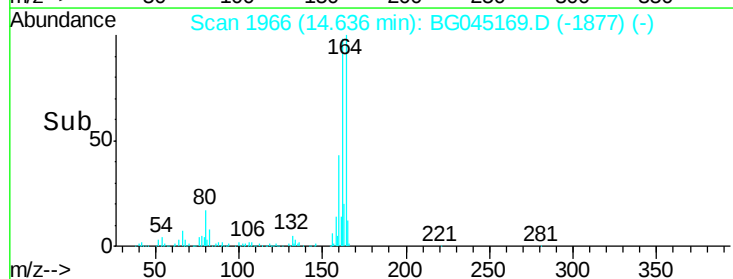
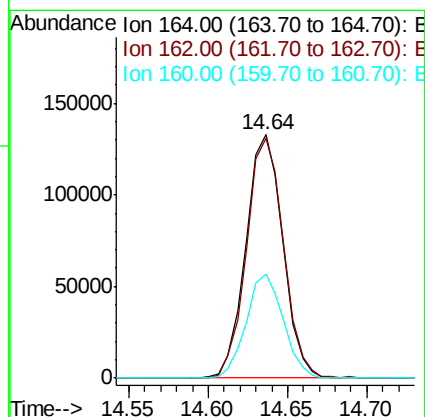
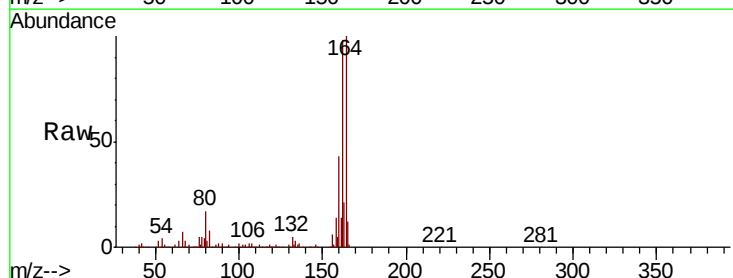
Instrument :  
BNA\_G  
ClientSampleId :  
CONCRETE-DEMO-1

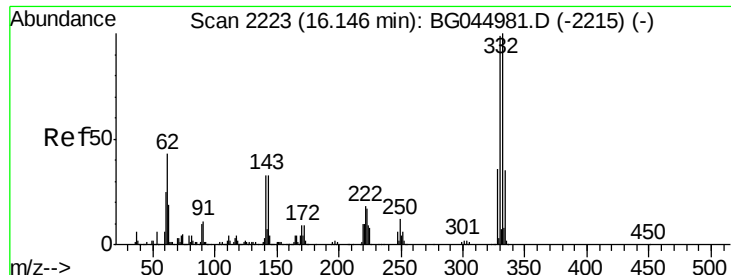
| Tot Ion   | 82    | Resp  | 441016 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 42.0  | 33.0  | 49.4   |
| 54        | 41.2  | 30.4  | 45.6   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.64 min Scan# 1966  
Delta R.T. -0.01 min  
Lab File: BG045169.D  
Acq: 24 Apr 2020 20:23

| Tgt Ion   | 164   | Resp  | 215036 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 98.3  | 78.7  | 118.1  |
| 160       | 42.8  | 32.8  | 49.2   |

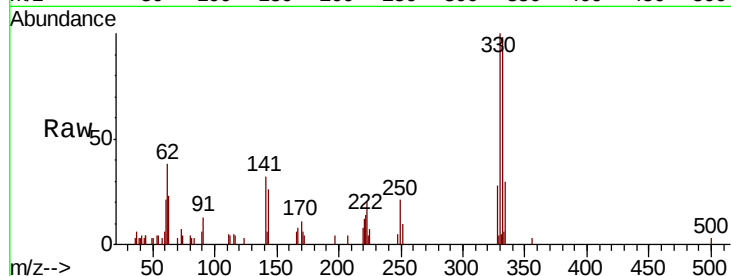




#42  
 2,4,6-Tribromophenol  
 Concen: 2.802 ng  
 RT: 16.13 min Scan# 2220  
 Delta R.T. -0.01 min  
 Lab File: BG045169.D  
 Acq: 24 Apr 2020 20:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CONCRETE-DEMO-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 102.8 | 79.1  | 118.7 |
| 141     | 35.4  | 27.1  | 40.7  |

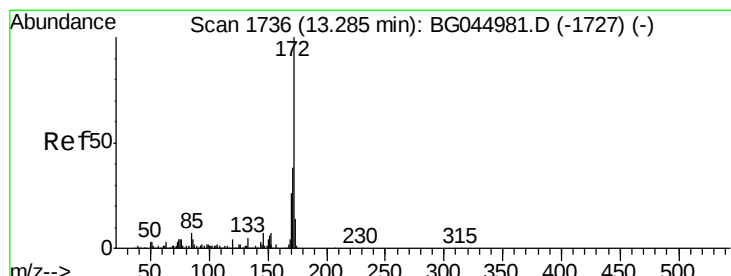
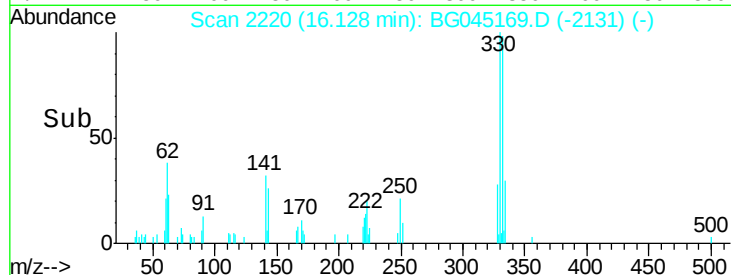
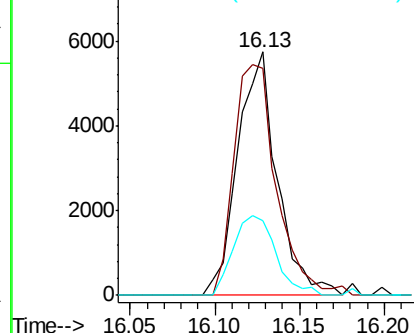


Abundance

Ion 329.80 (329.50 to 330.50): E

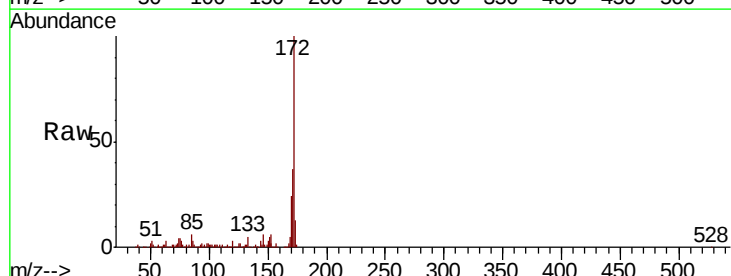
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 69.631 ng  
 RT: 13.26 min Scan# 1732  
 Delta R.T. -0.01 min  
 Lab File: BG045169.D  
 Acq: 24 Apr 2020 20:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.9  | 30.6  | 46.0  |
| 170     | 24.1  | 20.5  | 30.7  |

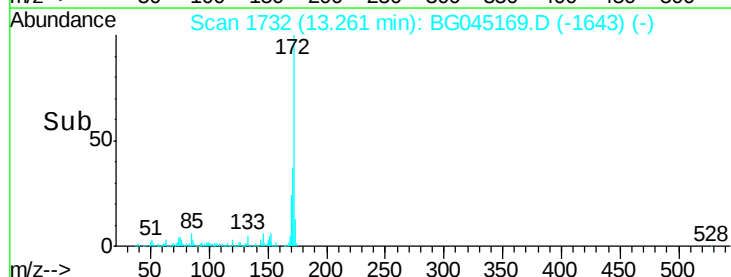
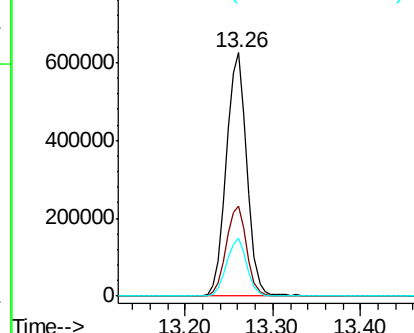


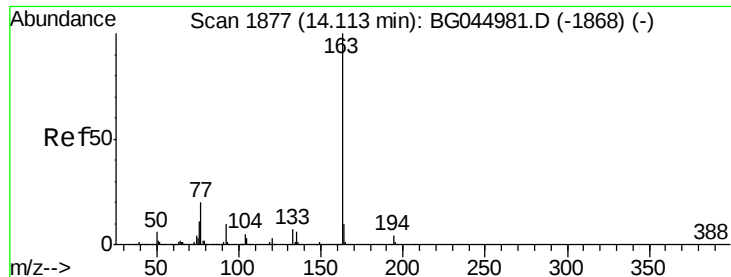
Abundance

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

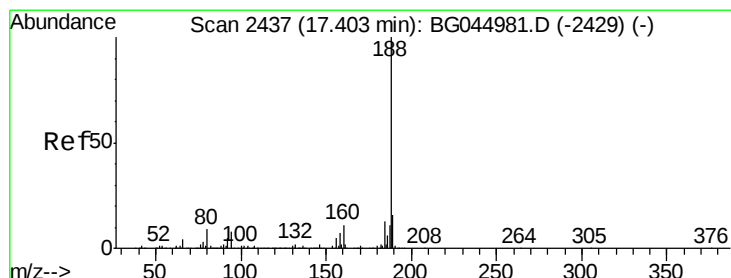
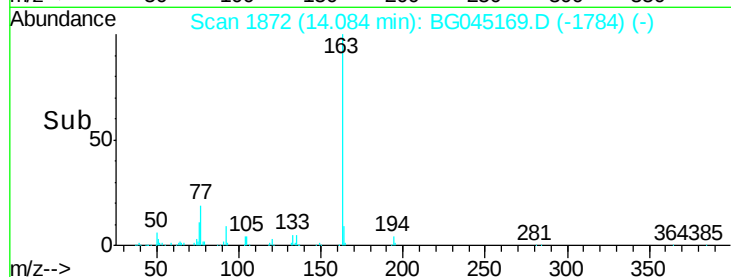
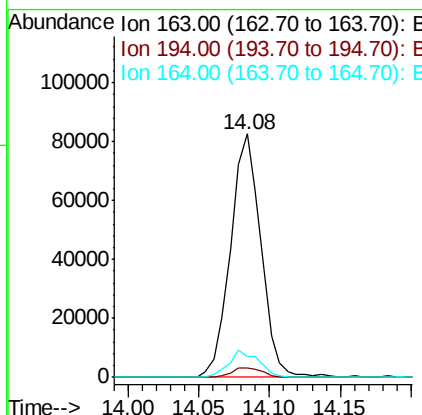
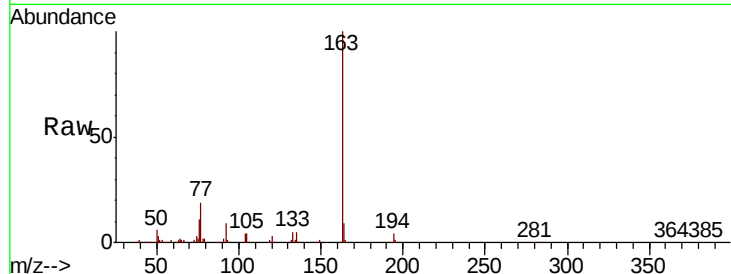




#50  
Dimethylphthalate  
Concen: 7.076 ng  
RT: 14.08 min Scan# 1872  
Delta R.T. -0.01 min  
Lab File: BG045169.D  
Acq: 24 Apr 2020 20:23

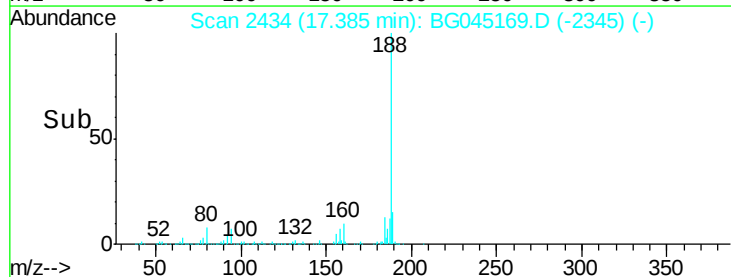
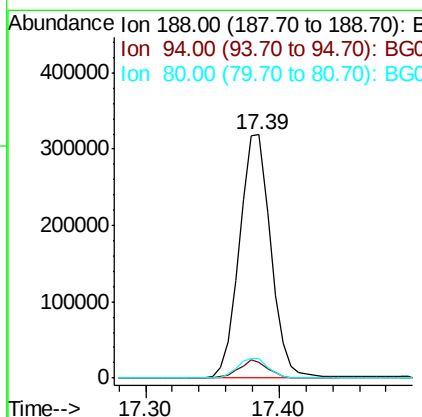
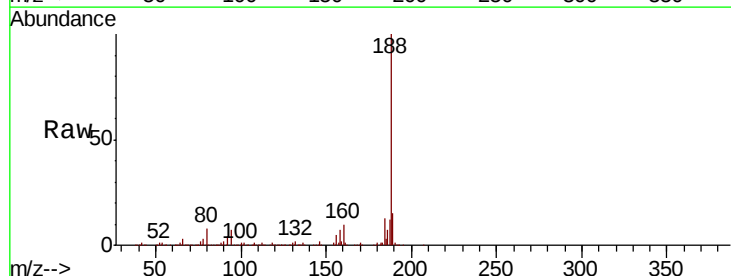
Instrument :  
BNA\_G  
ClientSampleId :  
CONCRETE-DEMO-1

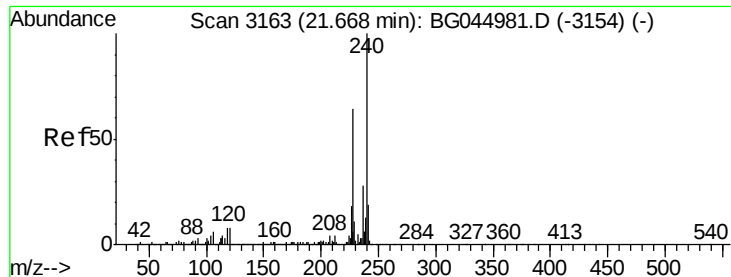
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.6   | 3.5   | 5.3   |
| 164     | 8.8   | 8.2   | 12.4  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.39 min Scan# 2434  
Delta R.T. -0.01 min  
Lab File: BG045169.D  
Acq: 24 Apr 2020 20:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 6.6   | 6.2   | 9.4   |
| 80      | 7.9   | 7.0   | 10.6  |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG045169.D

Acq: 24 Apr 2020 20:23

Instrument :

BNA\_G

ClientSampleId :

CONCRETE-DEMO-1

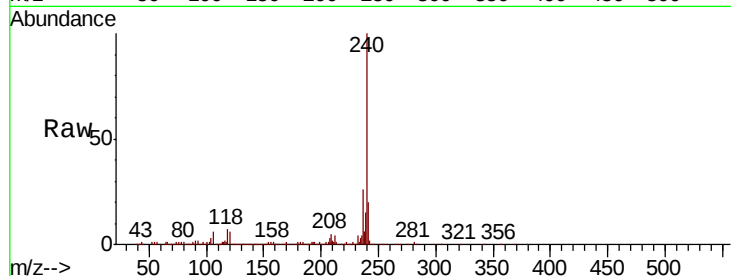
Tot Ion:240 Resp: 508538

Ion Ratio Lower Upper

240 100

120 6.4 6.6 10.0#

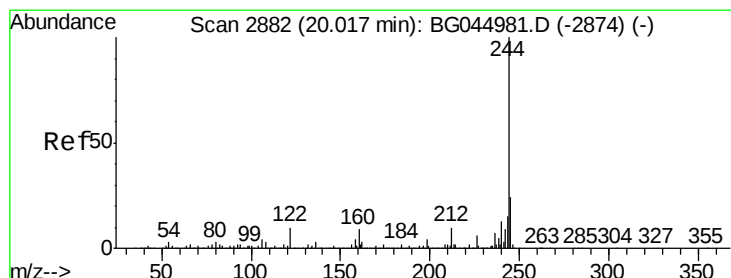
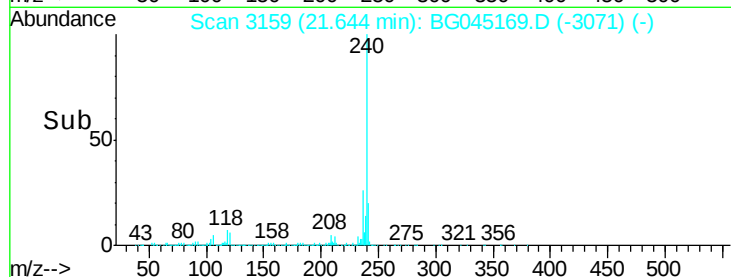
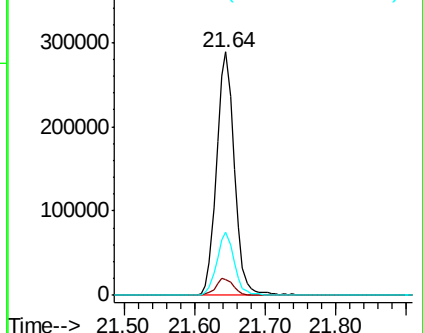
236 26.2 22.2 33.2



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: 75.090 ng

RT: 19.99 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG045169.D

Acq: 24 Apr 2020 20:23

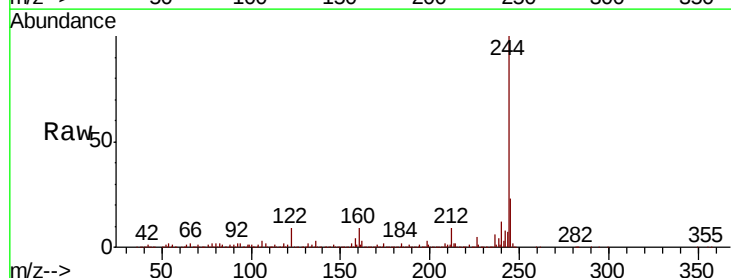
Tgt Ion:244 Resp: 1752005

Ion Ratio Lower Upper

244 100

212 9.3 7.9 11.9

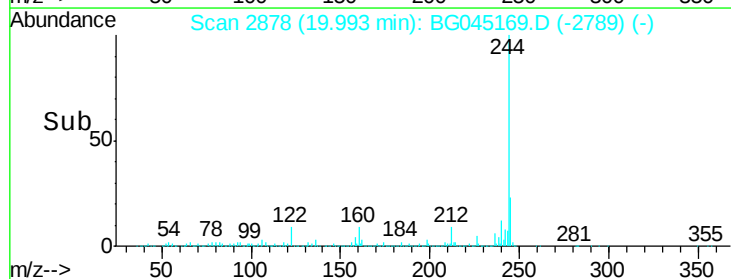
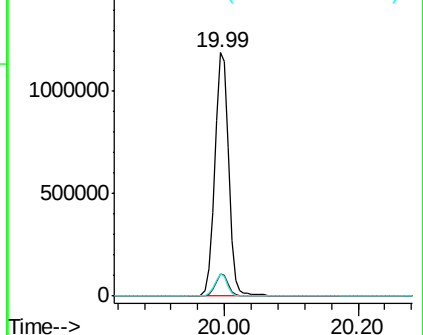
122 9.0 7.7 11.5

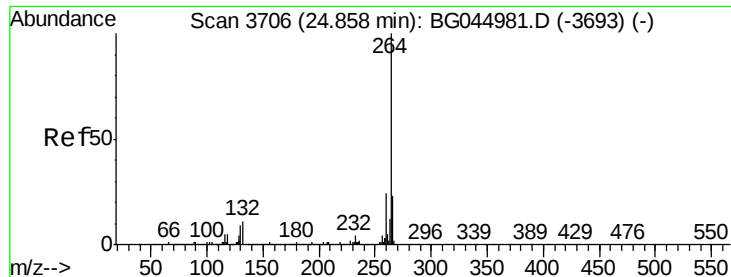


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 24.82 min Scan# 3699  
 Delta R.T. -0.02 min  
 Lab File: BG045169.D  
 Acq: 24 Apr 2020 20:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CONCRETE-DEMO-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 19.2  | 28.8  |
| 265     | 21.5  | 19.0  | 28.4  |

