

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062620\  
 Data File : BG045870.D  
 Acq On : 26 Jun 2020 12:43  
 Operator : CG/JU  
 Sample : L3101-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EBS8-S-01

Quant Time: Jun 26 13:39:06 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 25 15:44:32 2020  
 Response via : Initial Calibration

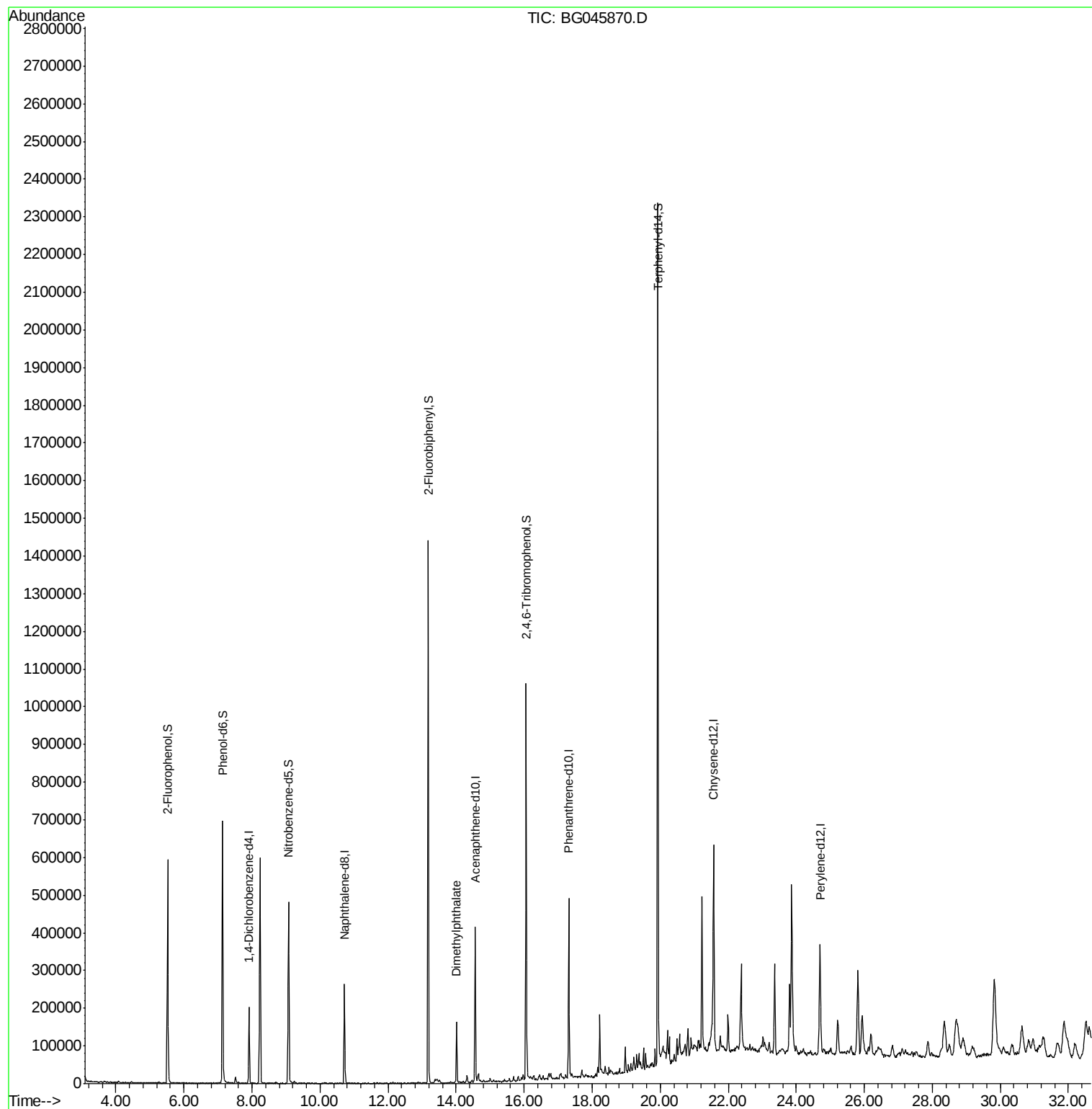
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.92  | 152  | 58298    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.72 | 136  | 230061   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.56 | 164  | 153558   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.32 | 188  | 320214   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.57 | 240  | 297001   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 24.70 | 264  | 300498   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.52  | 112  | 298420   | 86.47 | ng    | 0.00     |
| 7) Phenol-d6                | 7.13  | 99   | 460152   | 87.66 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.07  | 82   | 330305   | 65.59 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.06 | 330  | 223864   | 96.56 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.18 | 172  | 742856   | 71.09 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.93 | 244  | 1087763  | 74.22 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 50) Dimethylphthalate       | 14.01 | 163  | 106368   | 8.842 | ng    | 99       |

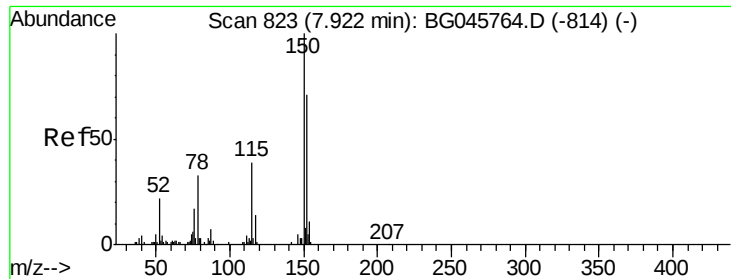
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062620\  
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Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EBS8-S-01

Quant Time: Jun 26 13:39:06 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 25 15:44:32 2020  
Response via : Initial Calibration



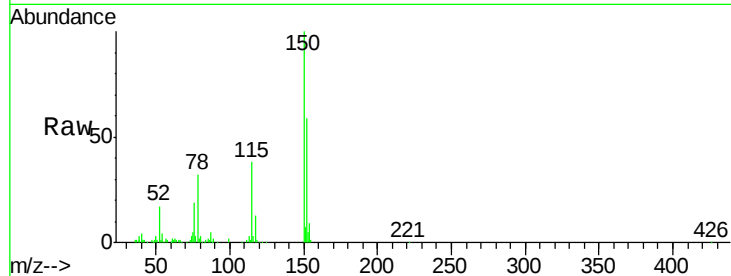


#1

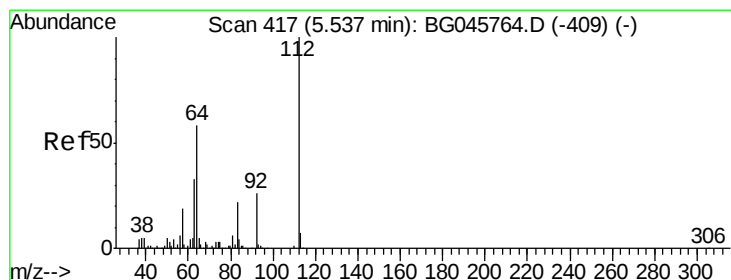
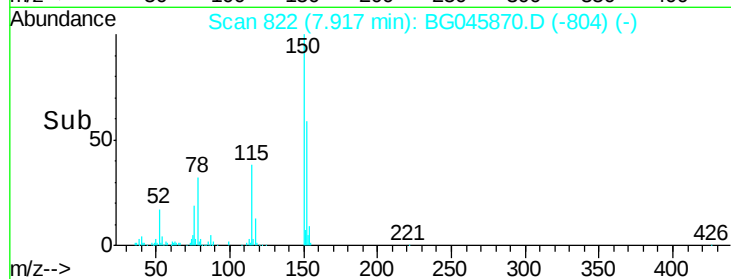
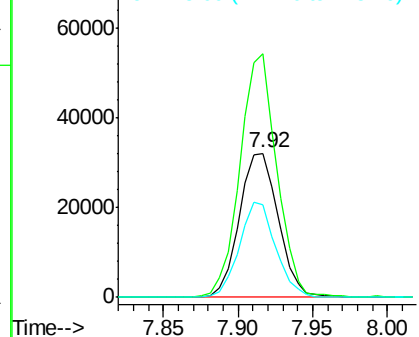
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.92 min Scan# 822  
Delta R.T. 0.01 min  
Lab File: BG045870.D  
Acq: 26 Jun 2020 12:43

Instrument :  
BNA\_G  
ClientSampleId :  
EBS8-S-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 169.1 | 113.1 | 169.7 |
| 115     | 64.1  | 43.8  | 65.6  |



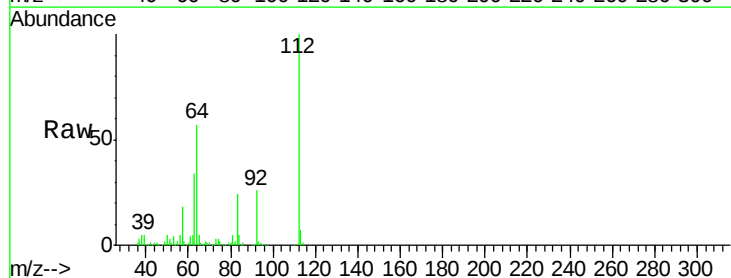
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



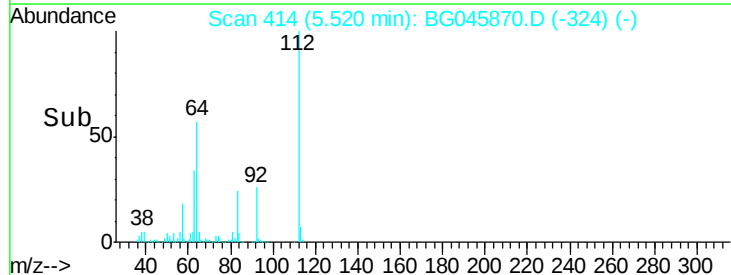
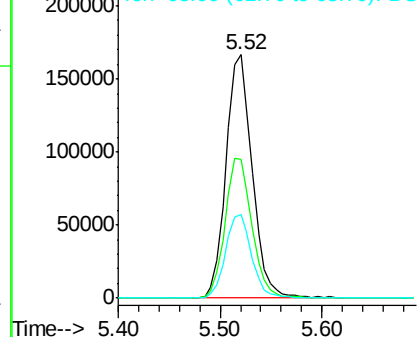
#5

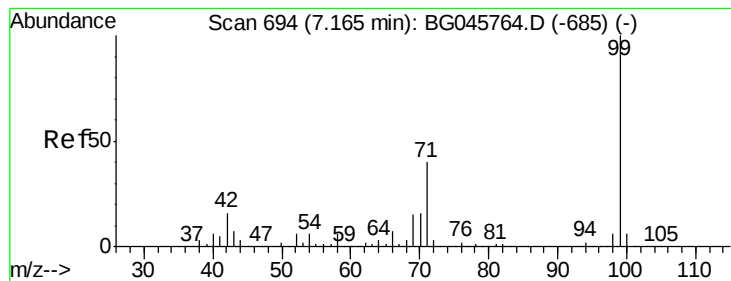
2-Fluorophenol  
Concen: 86.470 ng  
RT: 5.52 min Scan# 414  
Delta R.T. 0.00 min  
Lab File: BG045870.D  
Acq: 26 Jun 2020 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 57.1  | 46.6  | 69.8  |
| 63      | 34.3  | 26.3  | 39.5  |



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: 87.656 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG045870.D

Acq: 26 Jun 2020 12:43

Instrument :

BNA\_G

ClientSampleId :

EBS8-S-01

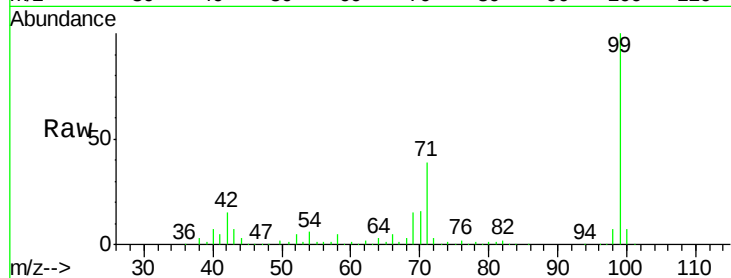
Tot Ion: 99 Resp: 460152

Ion Ratio Lower Upper

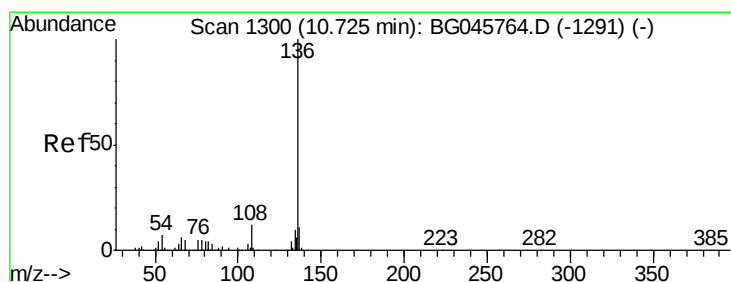
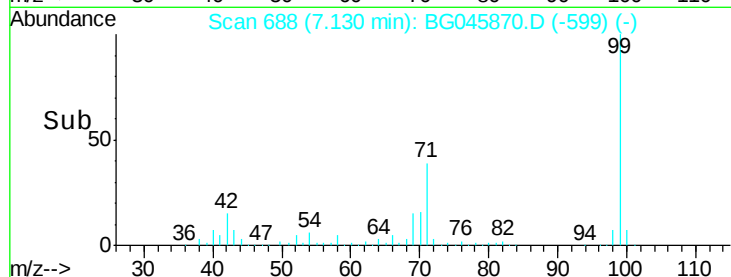
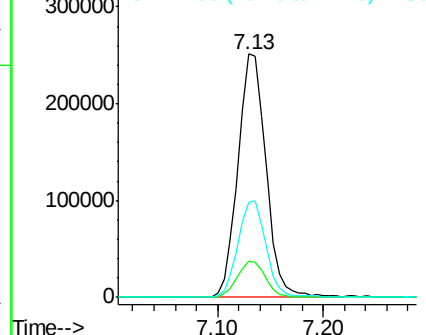
99 100

42 14.9 12.4 18.6

71 39.3 32.1 48.1



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: 10.72 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG045870.D

Acq: 26 Jun 2020 12:43

Tgt Ion: 136 Resp: 230061

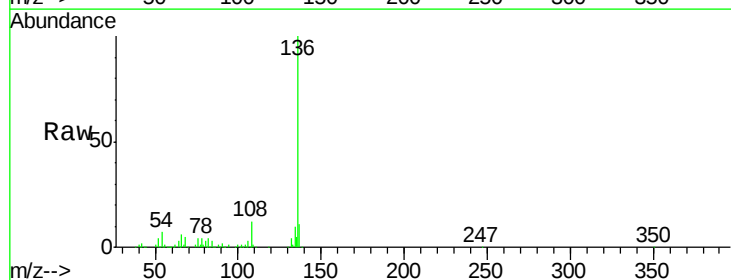
Ion Ratio Lower Upper

136 100

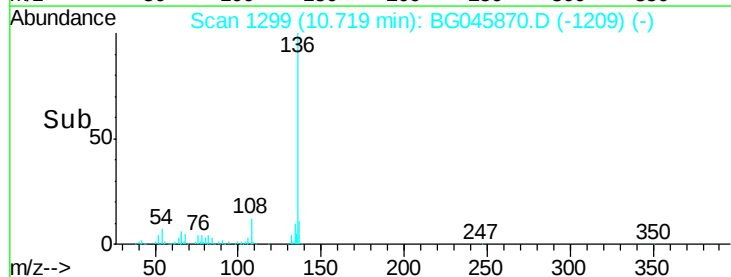
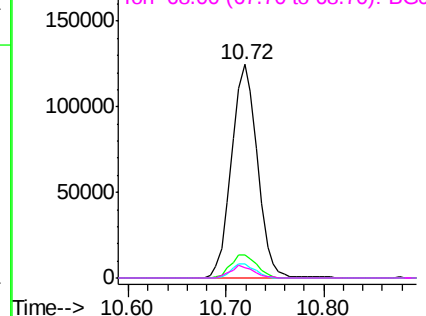
137 10.9 8.7 13.1

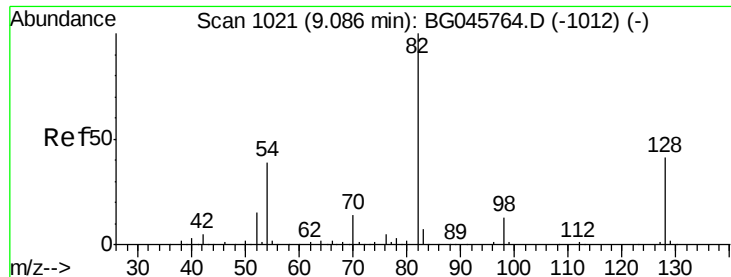
54 6.8 5.8 8.6

68 4.6 4.0 6.0



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

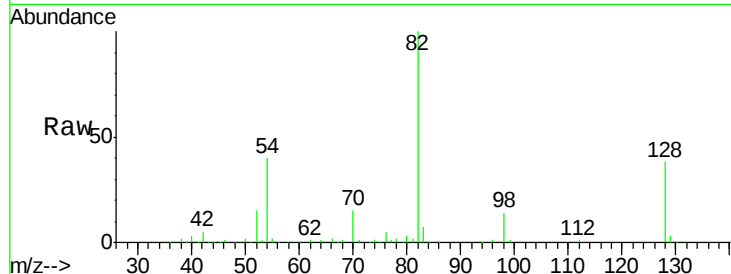




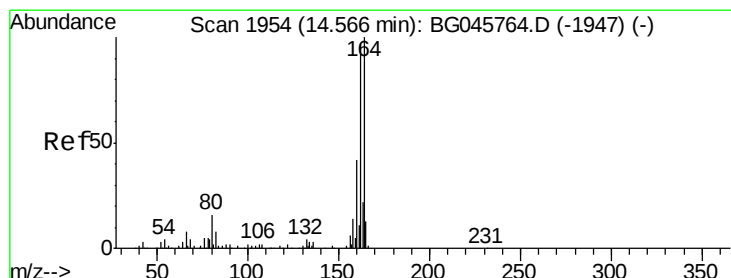
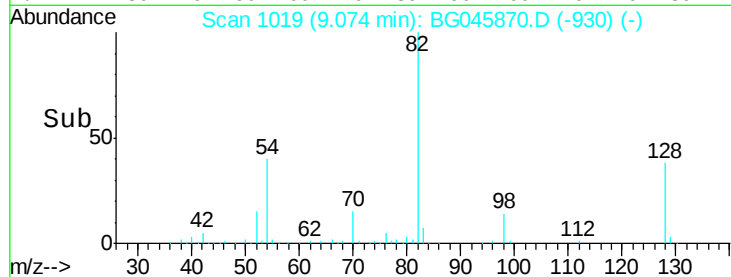
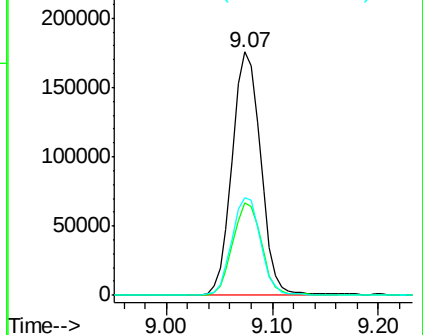
#23  
 Nitrobenzene-d5  
 Concen: 65.589 ng  
 RT: 9.07 min Scan# 1019  
 Delta R.T. -0.00 min  
 Lab File: BG045870.D  
 Acq: 26 Jun 2020 12:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EBS8-S-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 38.0  | 32.5  | 48.7  |
| 54      | 40.4  | 31.2  | 46.8  |

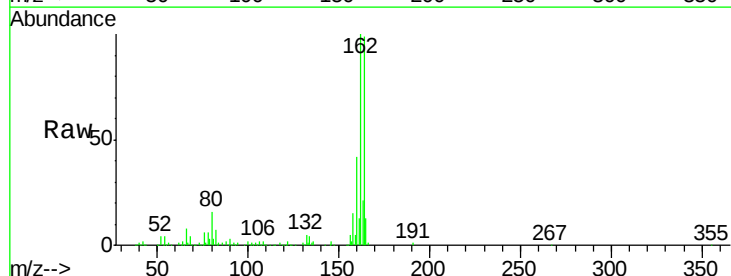


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

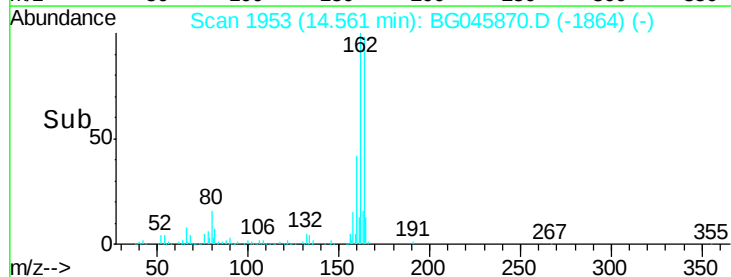
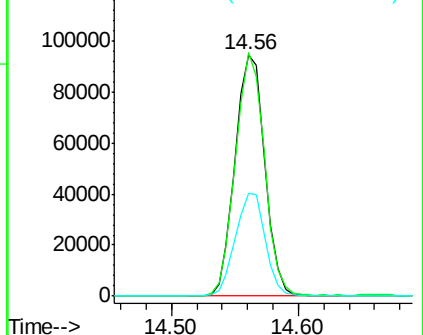


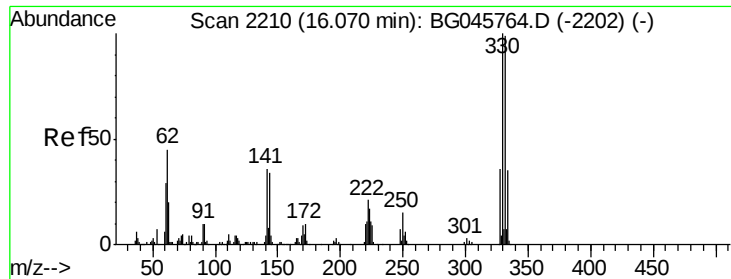
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.56 min Scan# 1953  
 Delta R.T. -0.00 min  
 Lab File: BG045870.D  
 Acq: 26 Jun 2020 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.8 | 77.4  | 116.0 |
| 160     | 42.7  | 33.3  | 49.9  |



Abundance Ion 164.00 (163.70 to 164.70): BGC  
 Ion 162.00 (161.70 to 162.70): BGC  
 Ion 160.00 (159.70 to 160.70): BGC

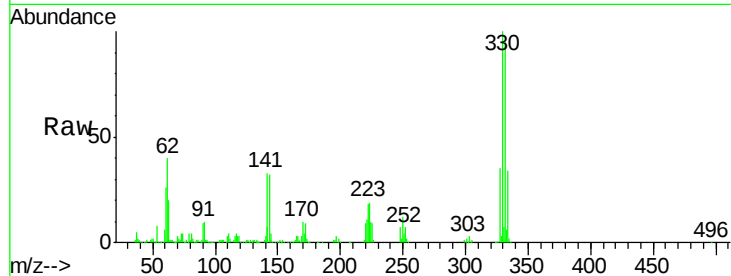




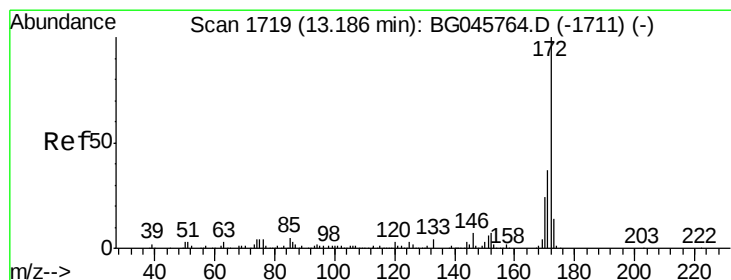
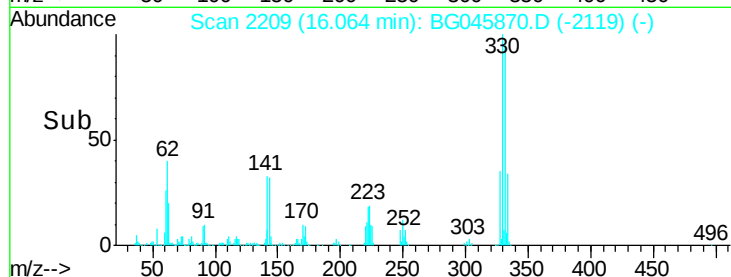
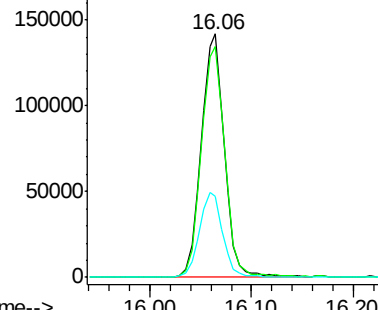
#42  
 2,4,6-Tribromophenol  
 Concen: 96.563 ng  
 RT: 16.06 min Scan# 2209  
 Delta R.T. 0.00 min  
 Lab File: BG045870.D  
 Acq: 26 Jun 2020 12:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EBS8-S-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.7  | 78.6  | 117.8 |
| 141     | 35.3  | 28.2  | 42.4  |

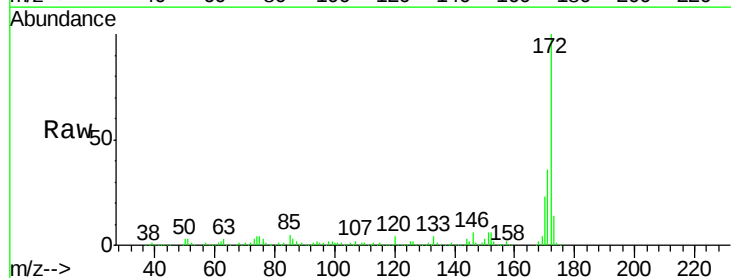


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

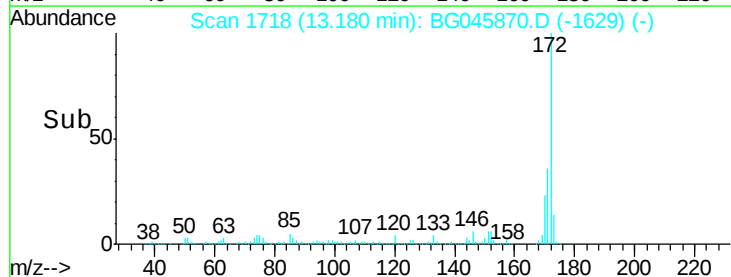
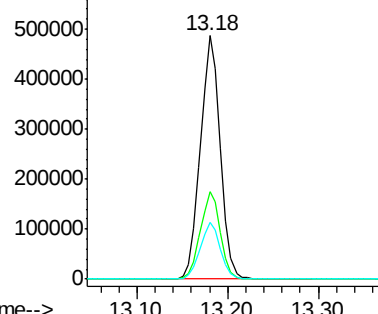


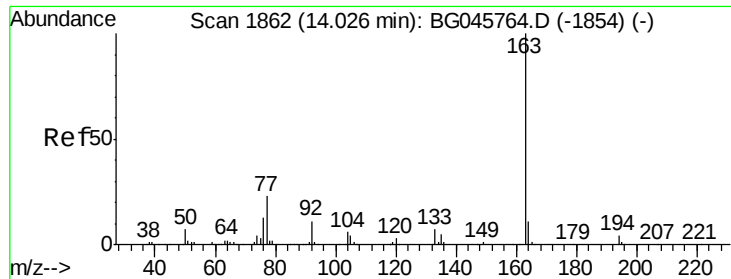
#45  
 2-Fluorobiphenyl  
 Concen: 71.092 ng  
 RT: 13.18 min Scan# 1718  
 Delta R.T. -0.00 min  
 Lab File: BG045870.D  
 Acq: 26 Jun 2020 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.7  | 29.9  | 44.9  |
| 170     | 23.1  | 19.3  | 28.9  |



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

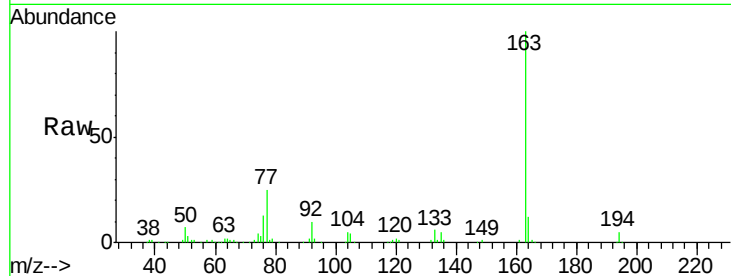




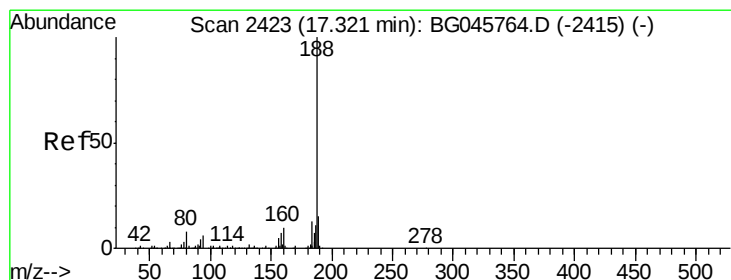
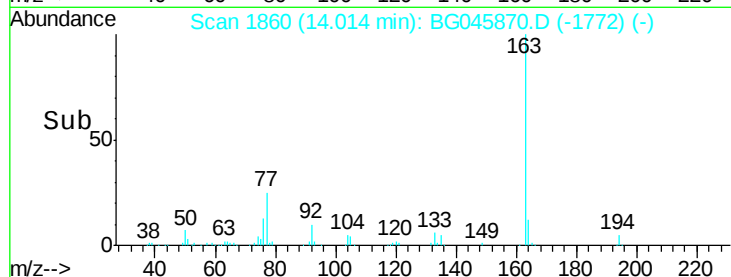
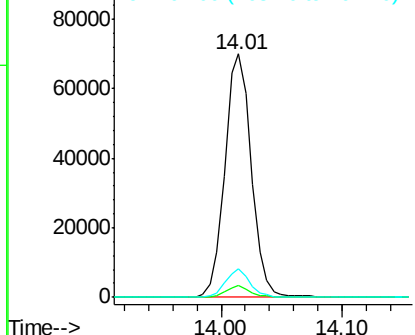
#50  
Dimethylphthalate  
Concen: 8.842 ng  
RT: 14.01 min Scan# 1860  
Delta R.T. -0.01 min  
Lab File: BG045870.D  
Acq: 26 Jun 2020 12:43

Instrument :  
BNA\_G  
ClientSampleId :  
EBS8-S-01

Tot Ion:163 Resp: 106368  
Ion Ratio Lower Upper  
163 100  
194 4.8 3.4 5.0  
164 11.6 8.9 13.3

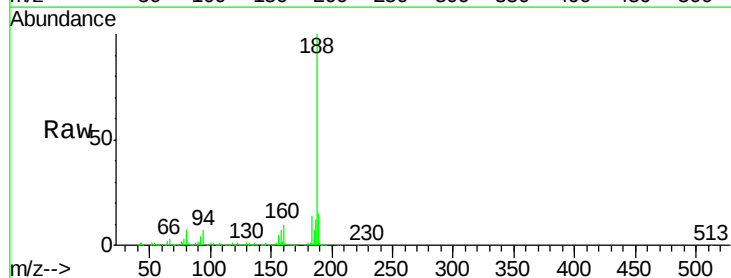


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

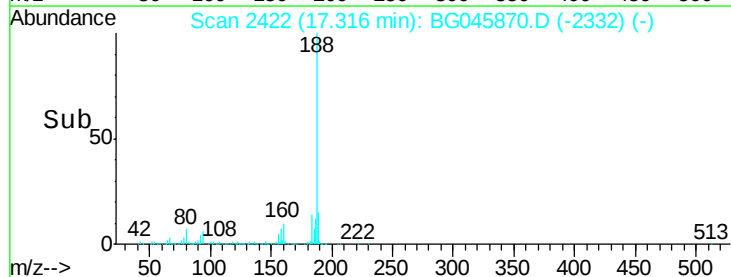
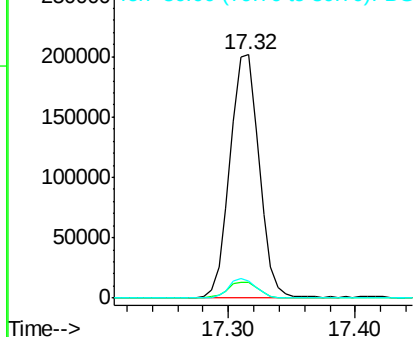


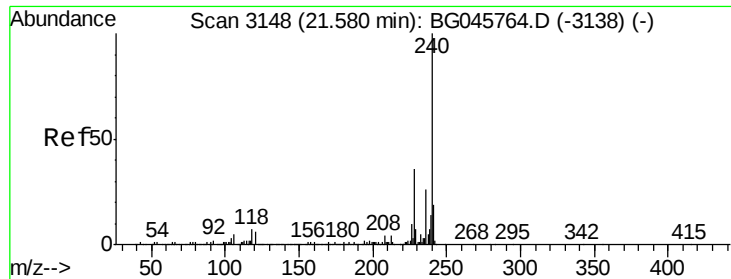
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.32 min Scan# 2422  
Delta R.T. 0.00 min  
Lab File: BG045870.D  
Acq: 26 Jun 2020 12:43

Tgt Ion:188 Resp: 320214  
Ion Ratio Lower Upper  
188 100  
94 6.5 5.1 7.7  
80 7.2 6.2 9.4



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG045870.D

Acq: 26 Jun 2020 12:43

Instrument :

BNA\_G

ClientSampleId :

EBS8-S-01

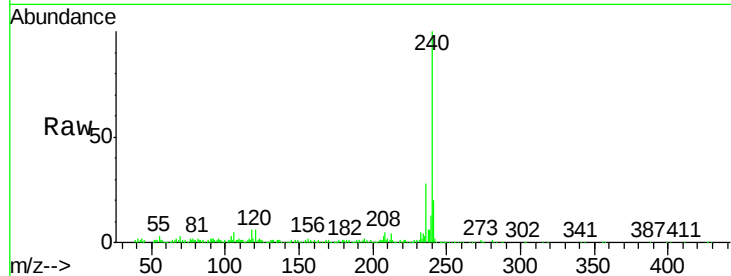
Tot Ion:240 Resp: 297001

Ion Ratio Lower Upper

240 100

120 6.5 5.0 7.4

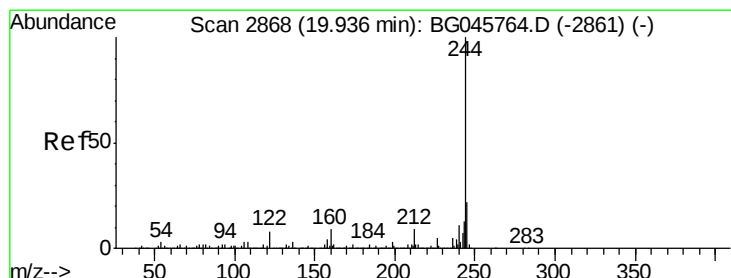
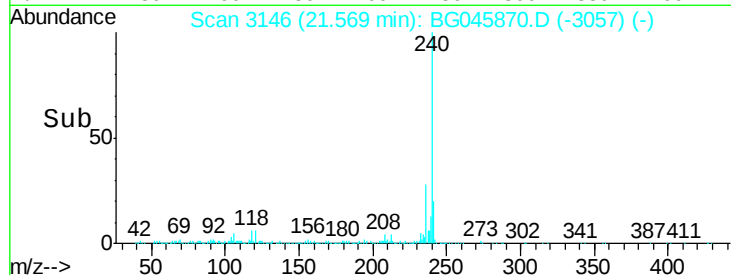
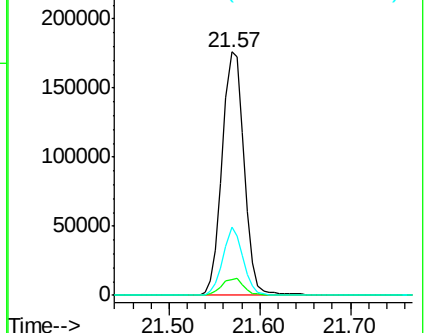
236 28.0 20.6 30.8



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: 74.224 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045870.D

Acq: 26 Jun 2020 12:43

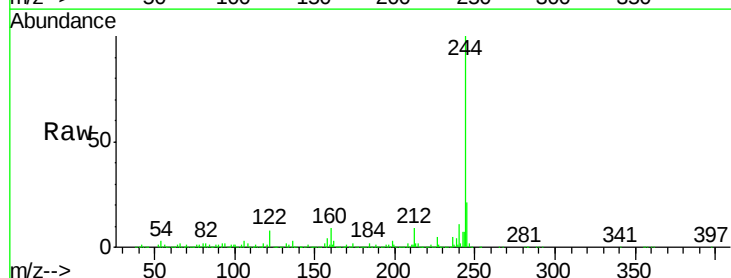
Tgt Ion:244 Resp: 1087763

Ion Ratio Lower Upper

244 100

212 8.6 7.2 10.8

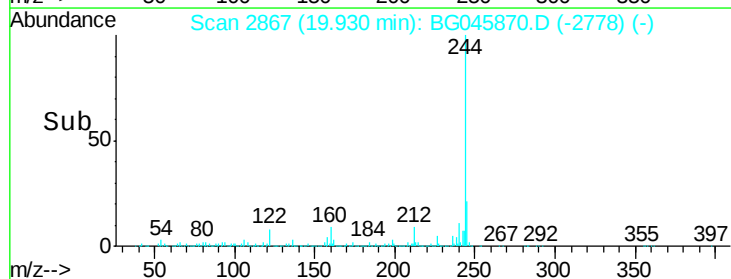
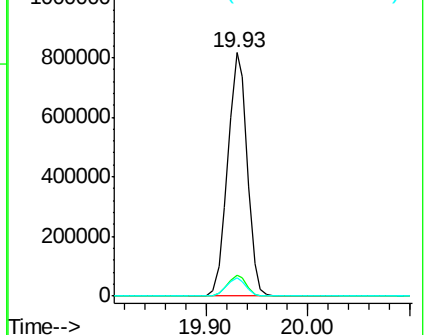
122 7.7 6.4 9.6

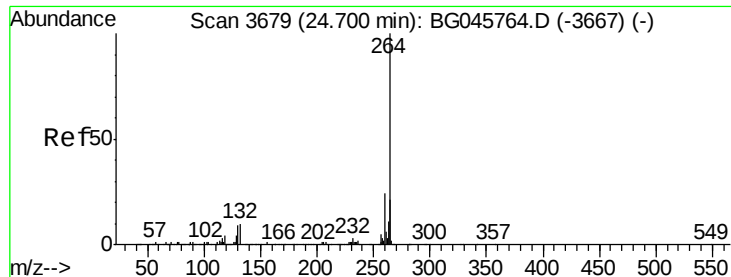


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.70 min Scan# 3679  
Delta R.T. 0.00 min  
Lab File: BG045870.D  
Acq: 26 Jun 2020 12:43

Instrument :  
BNA\_G  
ClientSampleId :  
EBS8-S-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.3  | 19.0  | 28.4  |
| 265     | 21.3  | 17.4  | 26.0  |

