

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\  
 Data File : BG042901.D  
 Acq On : 18 Sep 2019 19:28  
 Operator : HP/JU  
 Sample : K4878-19  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CSA-2-7

Quant Time: Sep 19 02:43:36 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 12 14:06:09 2019  
 Response via : Initial Calibration

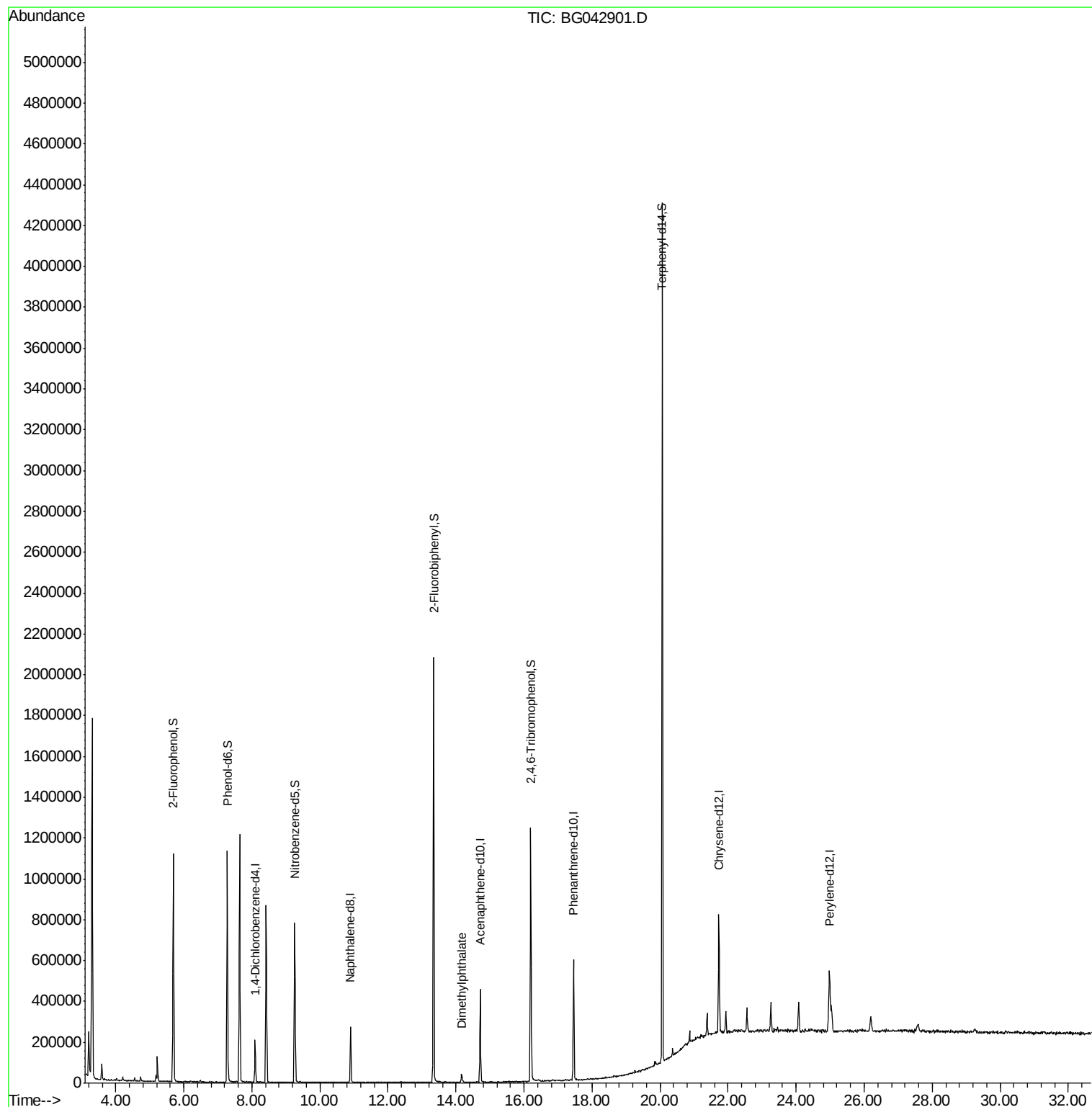
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.10  | 152  | 54597    | 20.00  | ng    | -0.03     |
| 21) Naphthalene-d8          | 10.90 | 136  | 215434   | 20.00  | ng    | -0.03     |
| 39) Acenaphthene-d10        | 14.71 | 164  | 160252   | 20.00  | ng    | -0.03     |
| 64) Phenanthrene-d10        | 17.46 | 188  | 379130   | 20.00  | ng    | -0.03     |
| 76) Chrysene-d12            | 21.73 | 240  | 364507   | 20.00  | ng    | -0.03     |
| 87) Perylene-d12            | 24.98 | 264  | 391505   | 20.00  | ng    | -0.06     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.69  | 112  | 411643   | 131.08 | ng    | 0.00      |
| 7) Phenol-d6                | 7.28  | 99   | 576423   | 127.88 | ng    | 0.01      |
| 23) Nitrobenzene-d5         | 9.26  | 82   | 464411   | 112.23 | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol    | 16.20 | 330  | 241330   | 113.19 | ng    | -0.02     |
| 45) 2-Fluorobiphenyl        | 13.34 | 172  | 1091572  | 107.82 | ng    | -0.03     |
| 79) Terphenyl-d14           | 20.07 | 244  | 1856941  | 112.91 | ng    | -0.03     |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 14.17 | 163  | 29073    | 2.422  | ng    | Qvalue 98 |

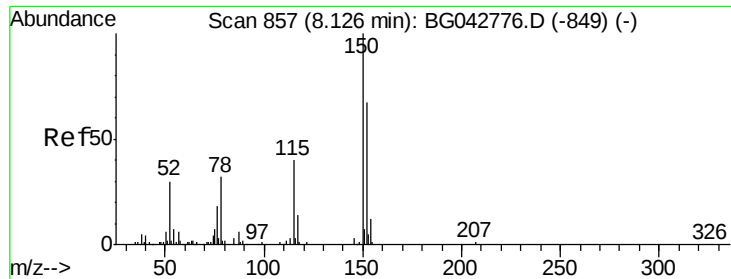
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\  
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Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-7

Quant Time: Sep 19 02:43:36 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 12 14:06:09 2019  
Response via : Initial Calibration



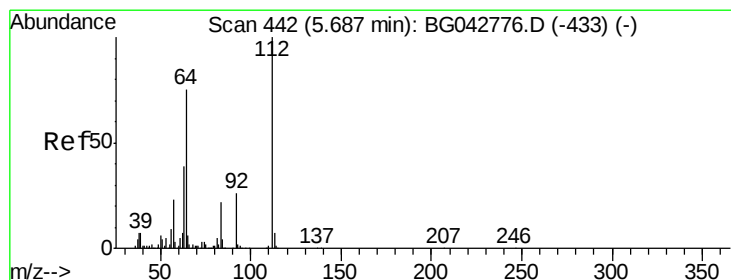
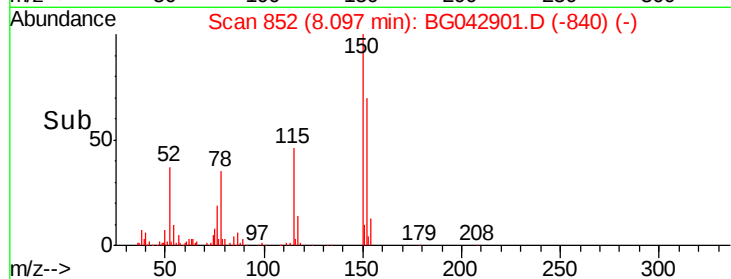
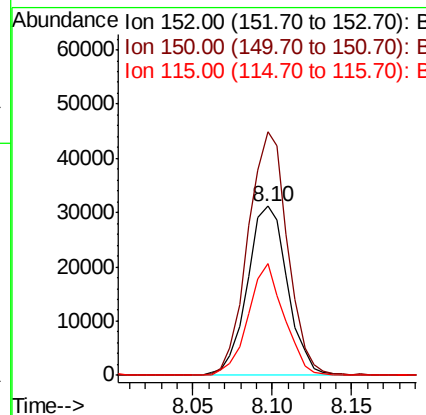
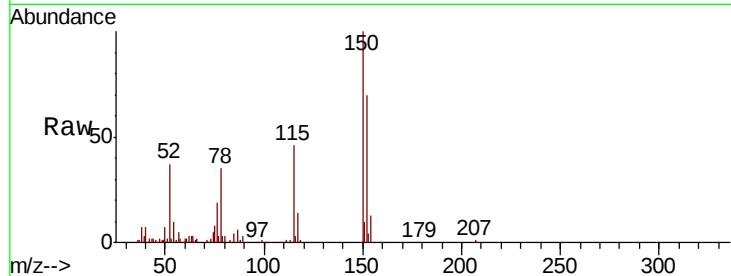


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.10 min Scan# 852  
Delta R.T. -0.03 min  
Lab File: BG042901.D  
Acq: 18 Sep 2019 19:28

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-7

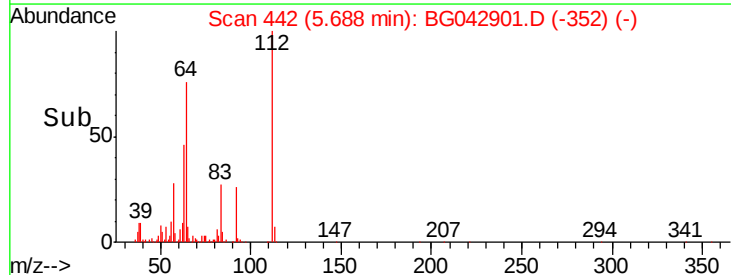
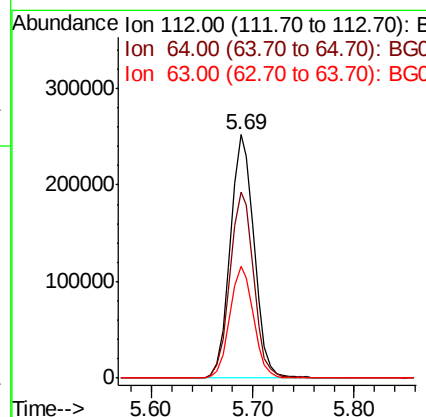
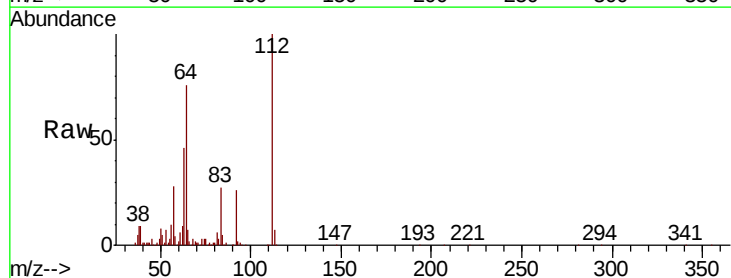
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 143.9 | 118.9 | 178.3 |
| 115     | 65.8  | 47.4  | 71.2  |

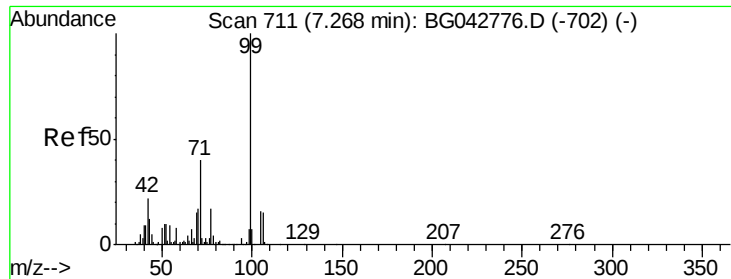


#5

2-Fluorophenol  
Concen: 131.081 ng  
RT: 5.69 min Scan# 442  
Delta R.T. 0.00 min  
Lab File: BG042901.D  
Acq: 18 Sep 2019 19:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 76.4  | 60.2  | 90.2  |
| 63      | 45.8  | 31.2  | 46.8  |





#7

Phenol-d6

Concen: 127.881 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG042901.D

Acq: 18 Sep 2019 19:28

Instrument :

BNA\_G

ClientSampleId :

CSA-2-7

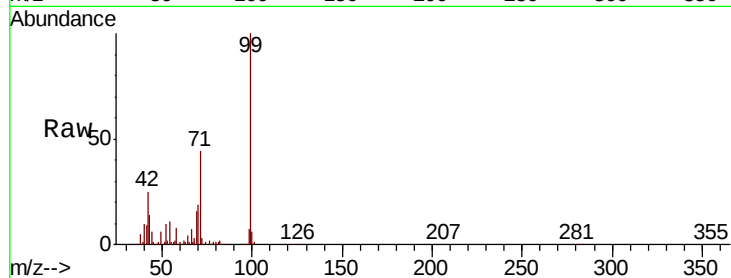
Tot Ion: 99 Resp: 576423

Ion Ratio Lower Upper

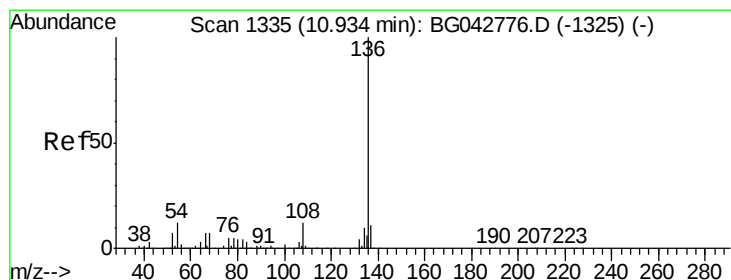
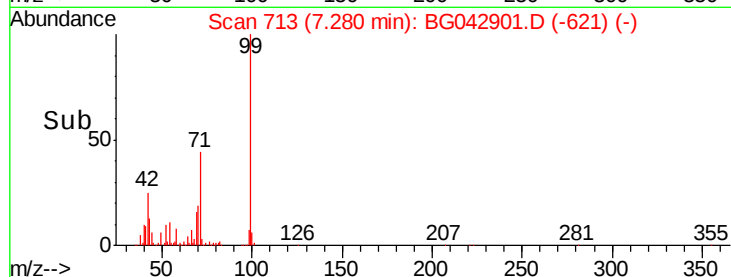
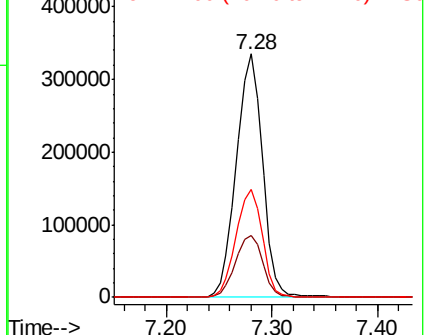
99 100

42 25.2 17.5 26.3

71 44.2 32.0 48.0



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: 10.90 min Scan# 1329

Delta R.T. -0.03 min

Lab File: BG042901.D

Acq: 18 Sep 2019 19:28

Tgt Ion: 136 Resp: 215434

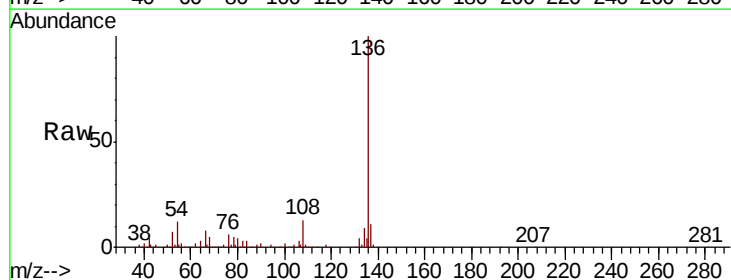
Ion Ratio Lower Upper

136 100

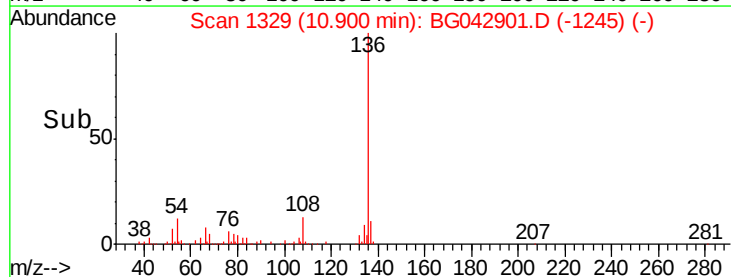
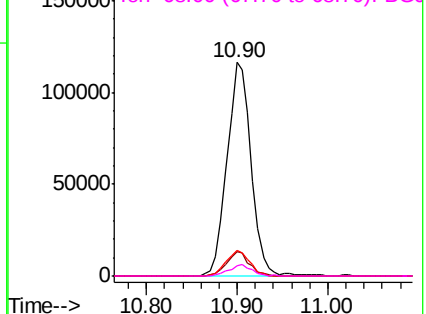
137 11.1 9.0 13.6

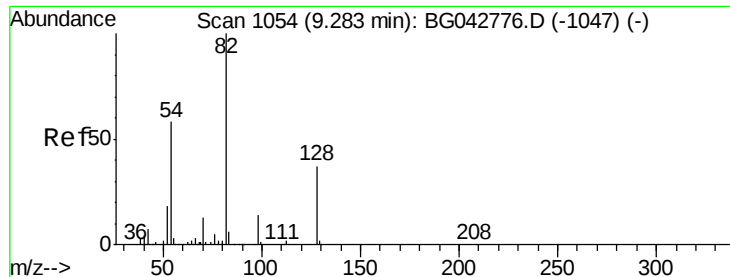
54 11.7 9.4 14.0

68 5.1 5.4 8.2#



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

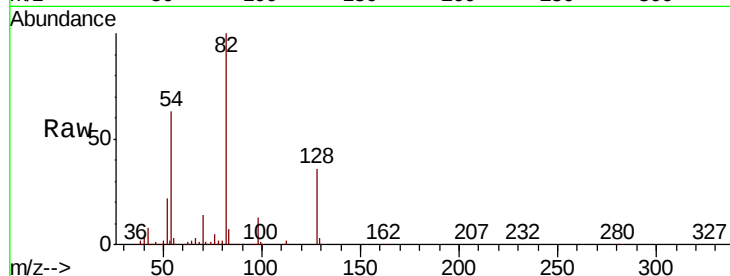




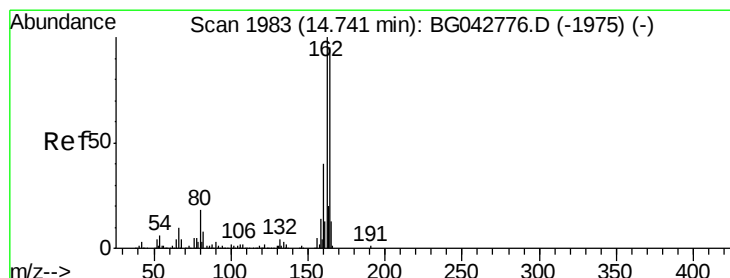
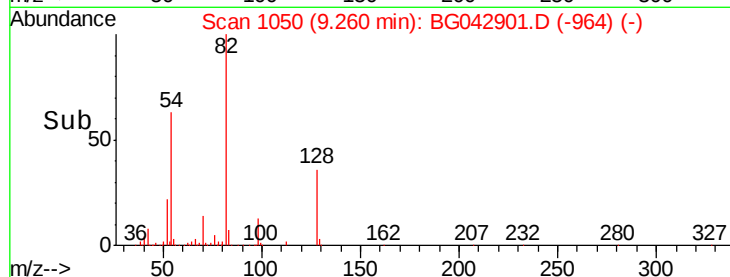
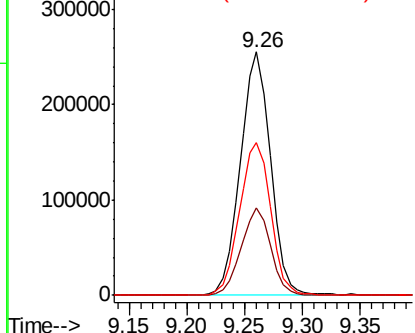
#23  
 Nitrobenzene-d5  
 Concen: 112.231 ng  
 RT: 9.26 min Scan# 1050  
 Delta R.T. -0.02 min  
 Lab File: BG042901.D  
 Acq: 18 Sep 2019 19:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CSA-2-7

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 35.7  | 29.8  | 44.8  |
| 54      | 62.7  | 46.1  | 69.1  |

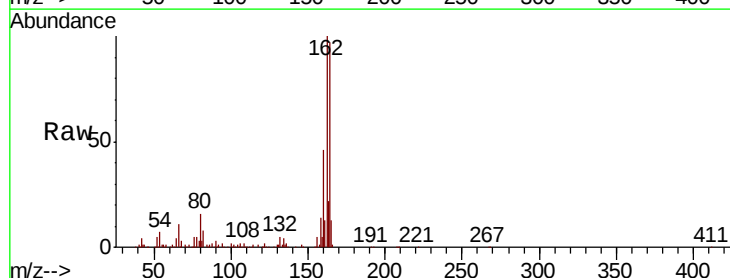


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

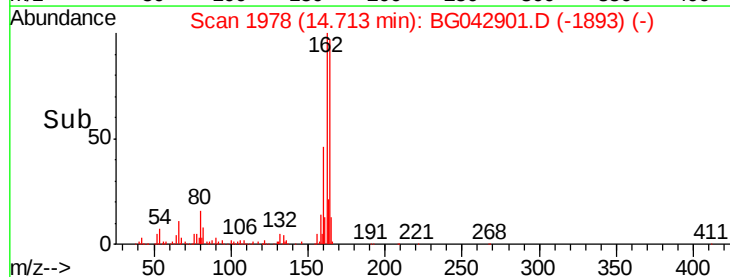
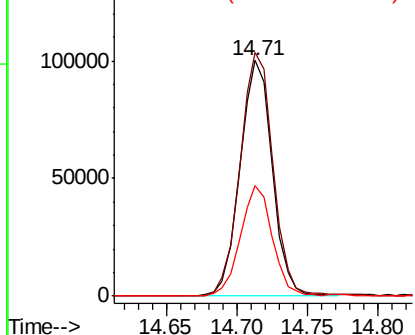


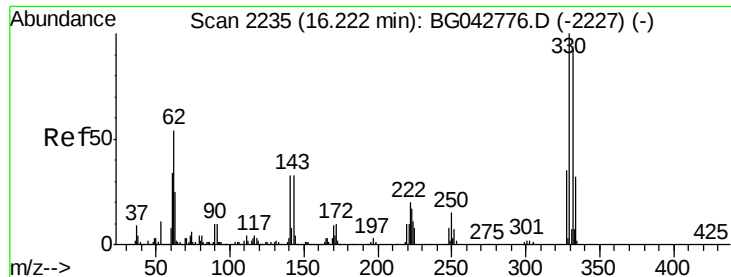
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.71 min Scan# 1978  
 Delta R.T. -0.03 min  
 Lab File: BG042901.D  
 Acq: 18 Sep 2019 19:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.3 | 84.6  | 126.8 |
| 160     | 47.1  | 34.2  | 51.2  |



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

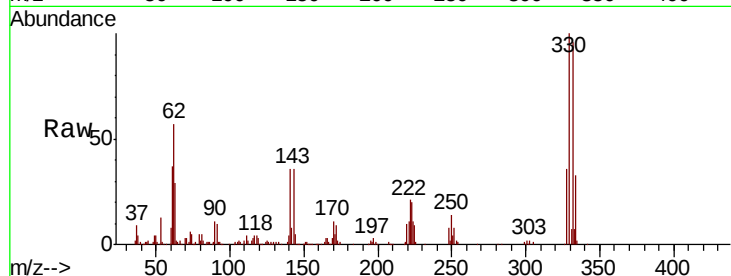




#42  
 2,4,6-Tribromophenol  
 Concen: 113.193 ng  
 RT: 16.20 min Scan# 2231  
 Delta R.T. -0.02 min  
 Lab File: BG042901.D  
 Acq: 18 Sep 2019 19:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CSA-2-7

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.5  | 76.7  | 115.1 |
| 141     | 35.1  | 27.0  | 40.6  |

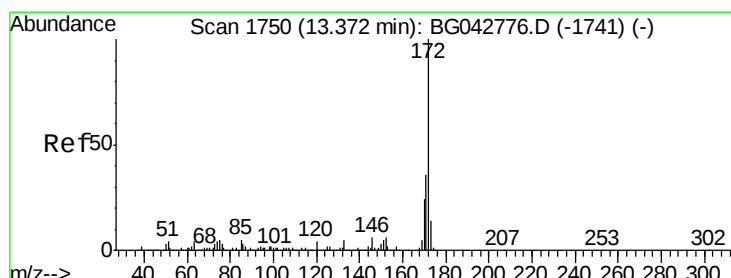
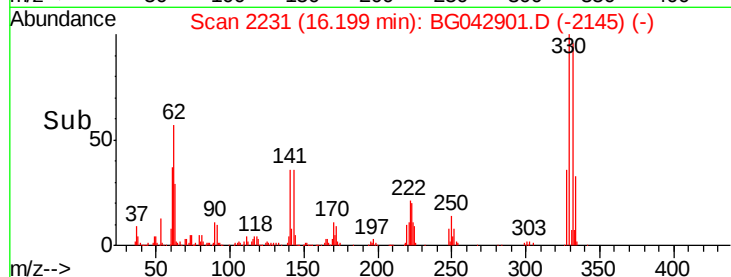
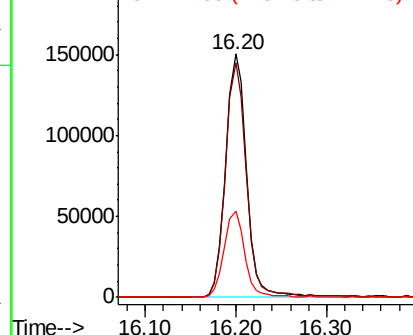


Abundance

Ion 329.80 (329.50 to 330.50): E

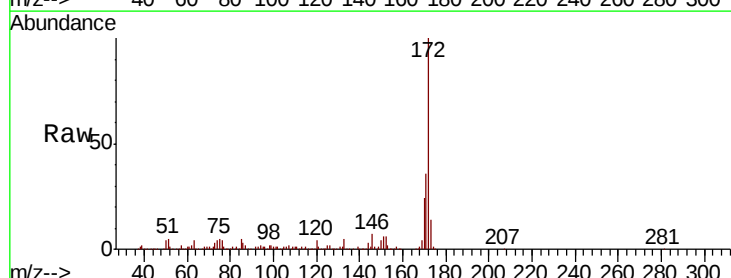
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 107.823 ng  
 RT: 13.34 min Scan# 1745  
 Delta R.T. -0.03 min  
 Lab File: BG042901.D  
 Acq: 18 Sep 2019 19:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.2  | 28.9  | 43.3  |
| 170     | 24.3  | 19.1  | 28.7  |

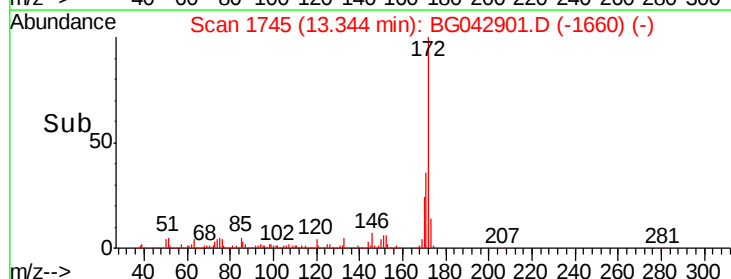
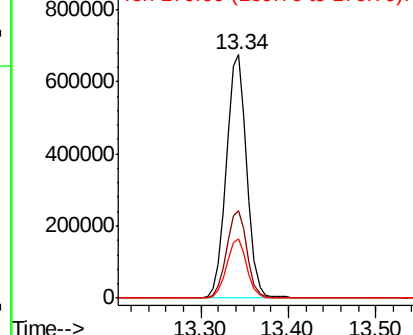


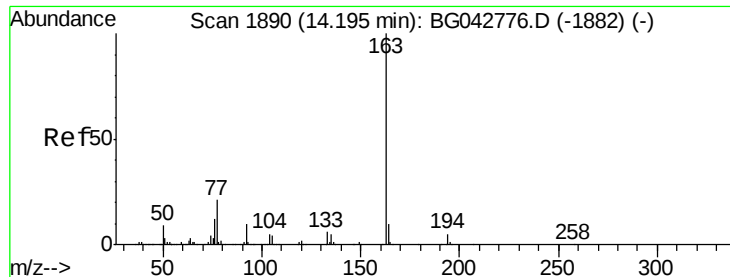
Abundance

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: 2.422 ng

RT: 14.17 min Scan# 1885

Delta R.T. -0.03 min

Lab File: BG042901.D

Acq: 18 Sep 2019 19:28

Instrument :

BNA\_G

ClientSampleId :

CSA-2-7

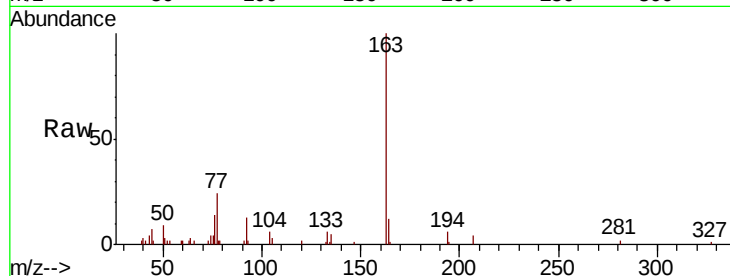
Tot Ion:163 Resp: 29073

Ion Ratio Lower Upper

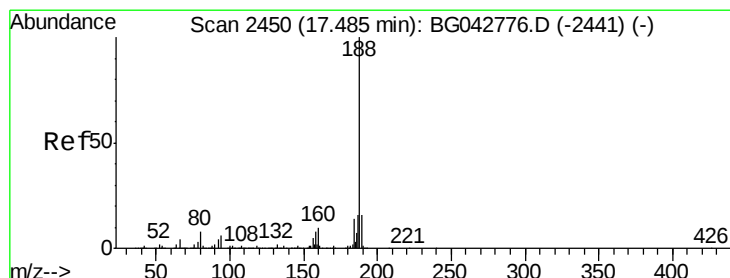
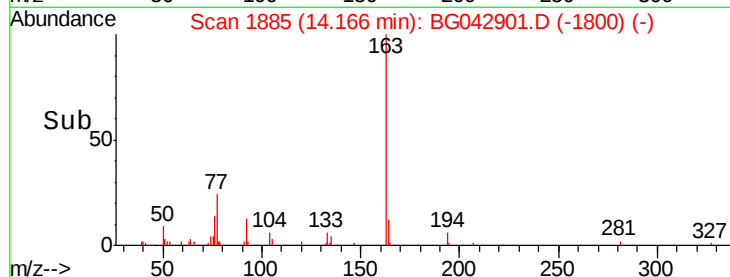
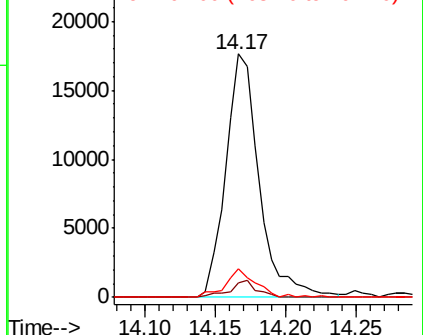
163 100

194 5.8 4.2 6.4

164 11.5 8.4 12.6



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: 17.46 min Scan# 2445

Delta R.T. -0.03 min

Lab File: BG042901.D

Acq: 18 Sep 2019 19:28

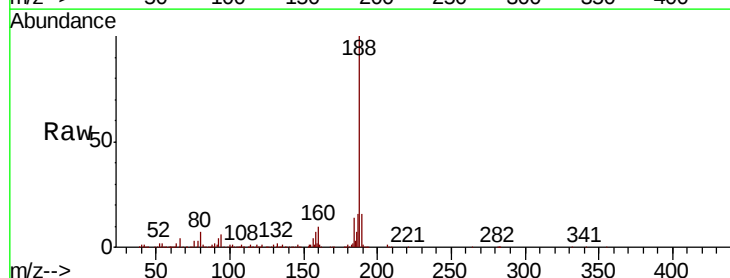
Tgt Ion:188 Resp: 379130

Ion Ratio Lower Upper

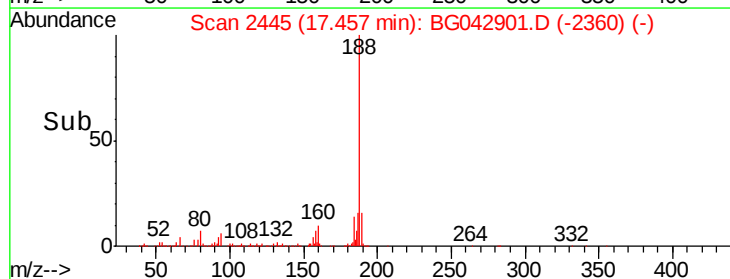
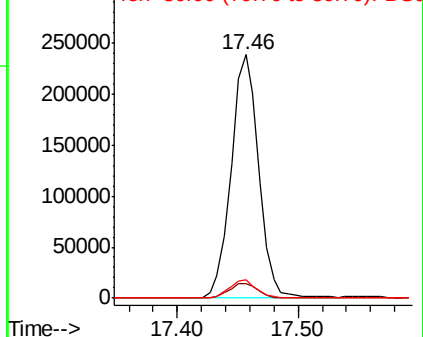
188 100

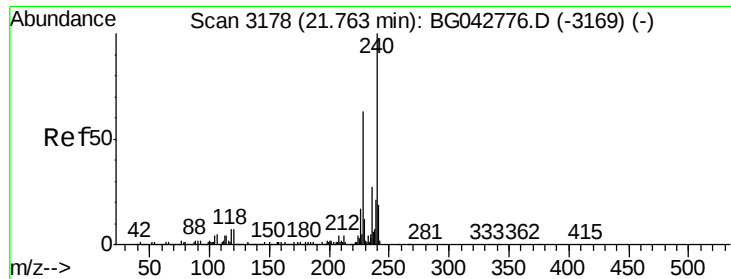
94 5.7 4.8 7.2

80 7.4 6.6 9.8



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3172

Delta R.T. -0.03 min

Lab File: BG042901.D

Acq: 18 Sep 2019 19:28

Instrument :

BNA\_G

ClientSampled :

CSA-2-7

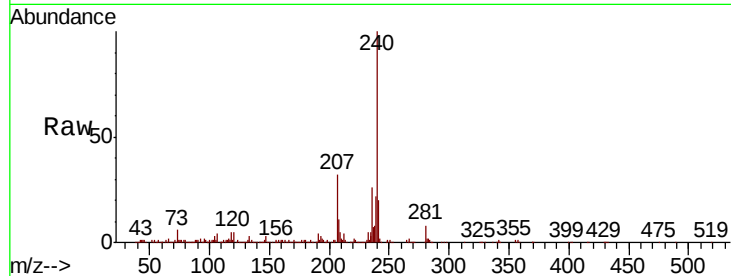
Tot Ion:240 Resp: 364507

Ion Ratio Lower Upper

240 100

120 5.3 5.4 8.2#

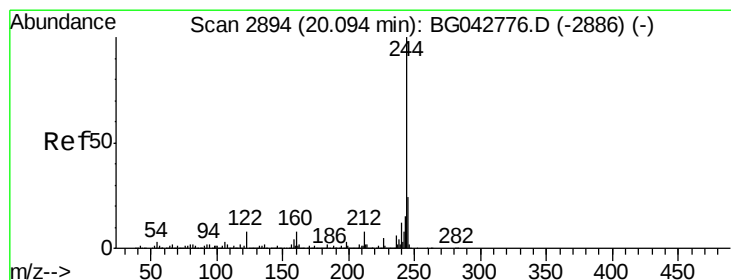
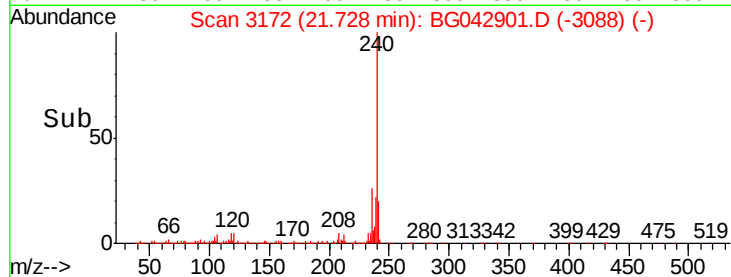
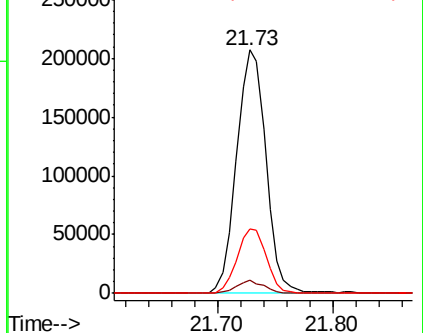
236 26.5 21.7 32.5



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: 112.906 ng

RT: 20.07 min Scan# 2889

Delta R.T. -0.03 min

Lab File: BG042901.D

Acq: 18 Sep 2019 19:28

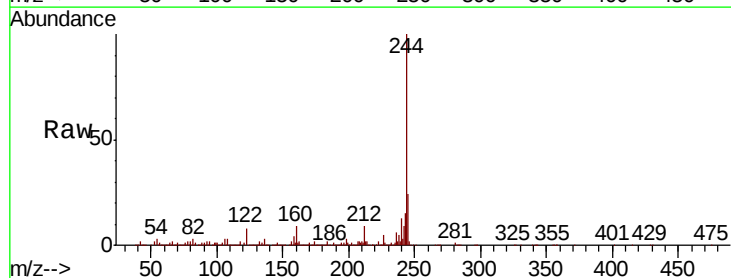
Tgt Ion:244 Resp: 1856941

Ion Ratio Lower Upper

244 100

212 9.3 6.6 10.0

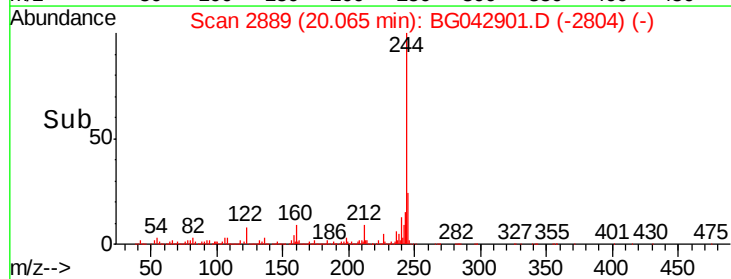
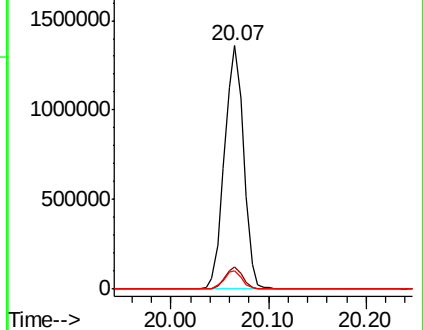
122 7.6 6.2 9.4

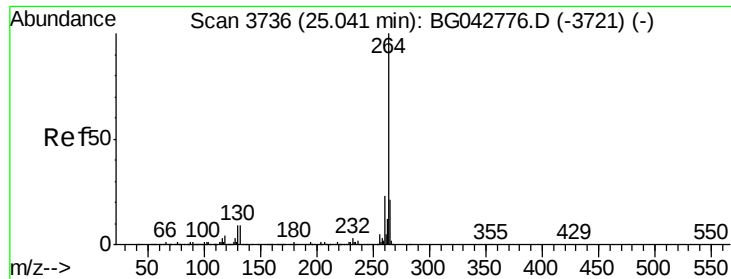


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.98 min Scan# 3726  
Delta R.T. -0.06 min  
Lab File: BG042901.D  
Acq: 18 Sep 2019 19:28

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-7

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.4  | 18.2  | 27.2  |
| 265     | 22.9  | 16.9  | 25.3  |

