

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\  
 Data File : BG043803.D  
 Acq On : 11 Dec 2019 20:07  
 Operator : JU  
 Sample : K6242-06  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-03-COMP

Quant Time: Dec 12 02:45:10 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 09 18:16:57 2019  
 Response via : Initial Calibration

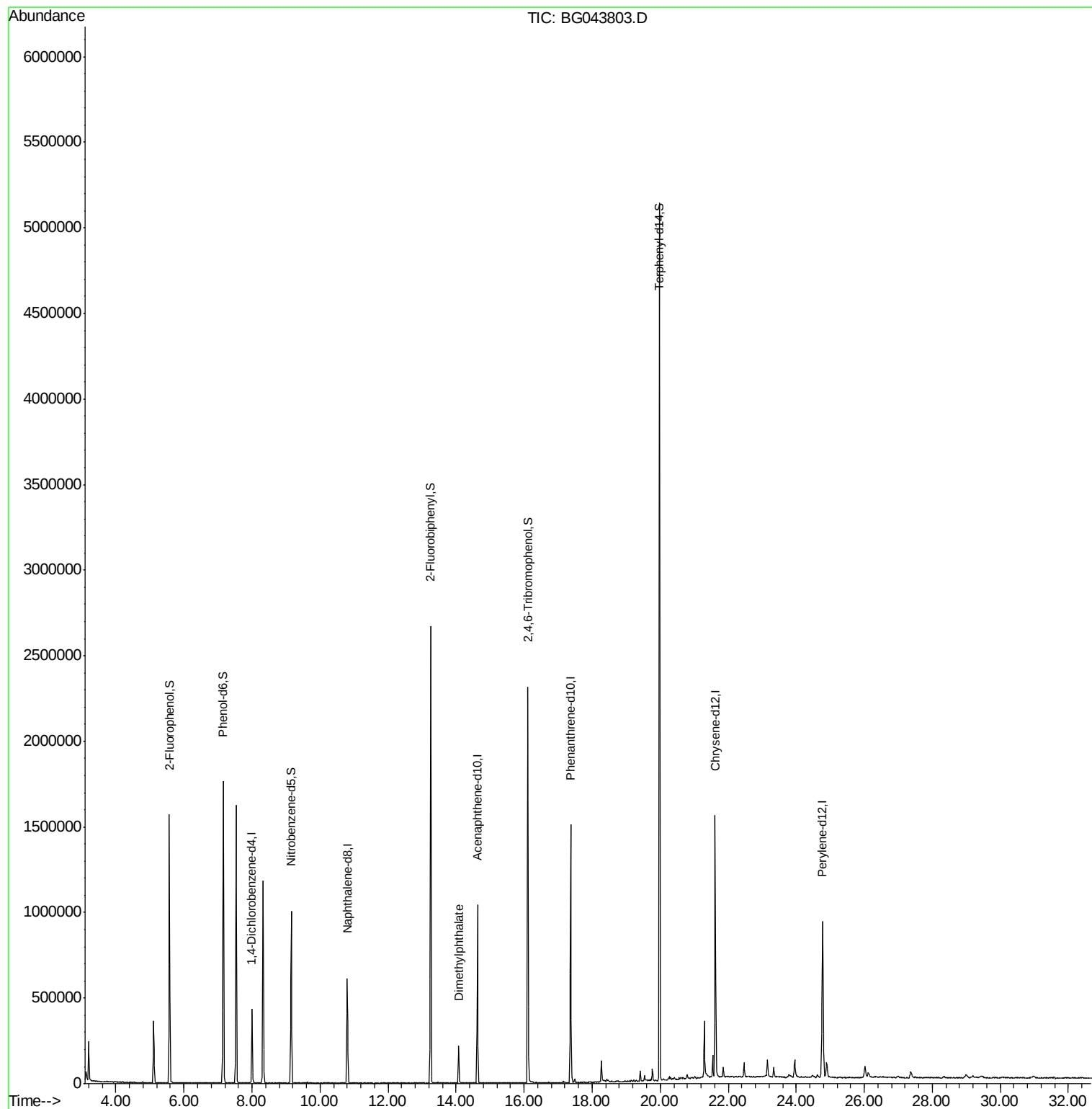
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.00  | 152  | 125260   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.80 | 136  | 538734   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.63 | 164  | 375163   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.36 | 188  | 919099   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.62 | 240  | 848247   | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 24.77 | 264  | 939878   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.57  | 112  | 705386   | 106.70 | ng    | 0.00      |
| 7) Phenol-d6                | 7.15  | 99   | 1046324  | 109.74 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.15  | 82   | 595285   | 62.04  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.11 | 330  | 384417   | 107.48 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.25 | 172  | 1362848  | 63.81  | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.98 | 244  | 2225244  | 63.11  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 14.07 | 163  | 146890   | 5.486  | ng    | Qvalue 96 |

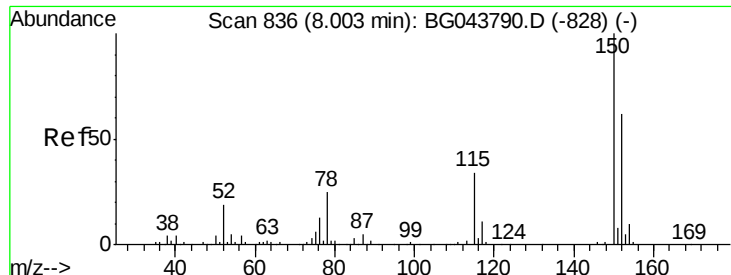
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\  
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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SB-03-COMP

Quant Time: Dec 12 02:45:10 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 09 18:16:57 2019  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BG043803.D

Acq: 11 Dec 2019 20:07

Instrument :

BNA\_G

ClientSampleId :

SB-03-COMP

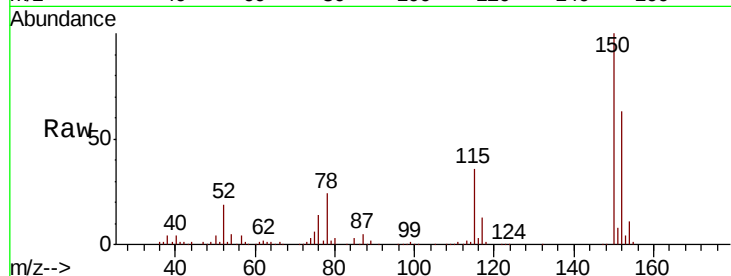
Tot Ion:152 Resp: 125260

Ion Ratio Lower Upper

152 100

150 159.1 128.6 192.8

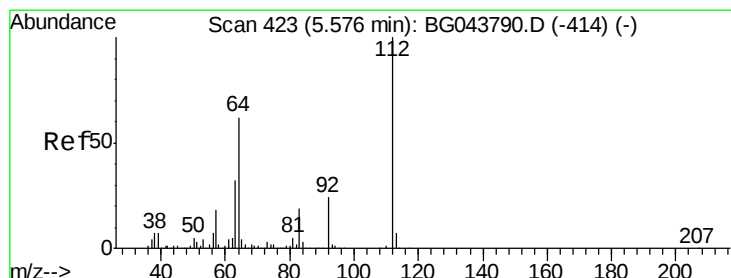
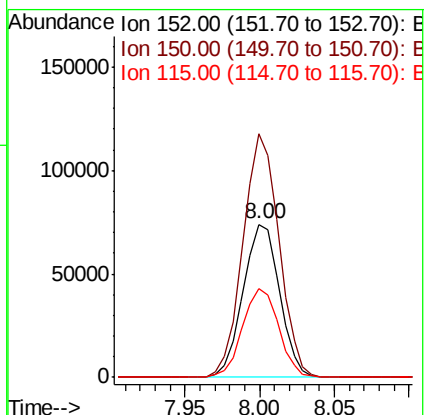
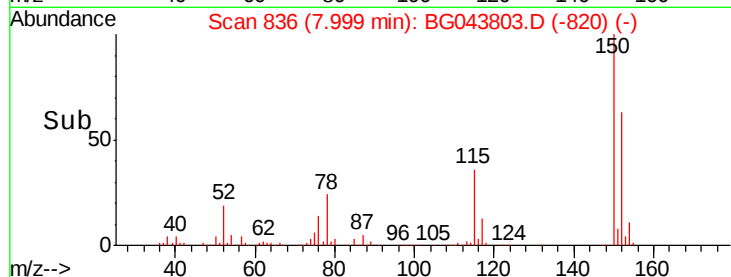
115 57.8 44.3 66.5



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: 106.699 ng

RT: 5.57 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG043803.D

Acq: 11 Dec 2019 20:07

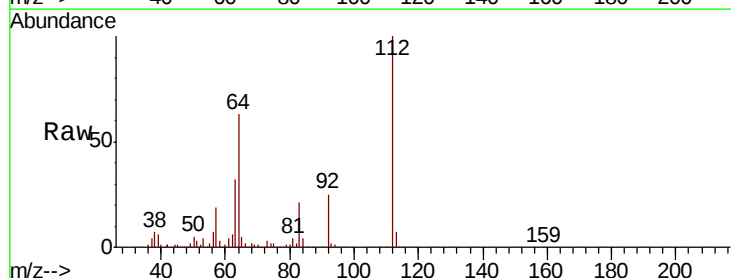
Tgt Ion:112 Resp: 705386

Ion Ratio Lower Upper

112 100

64 63.3 49.9 74.9

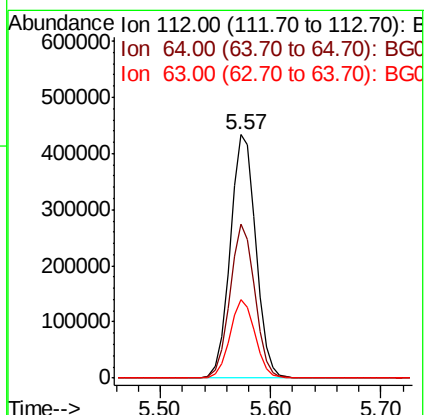
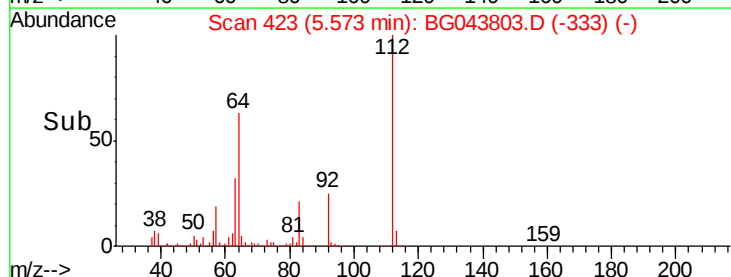
63 32.3 26.0 39.0

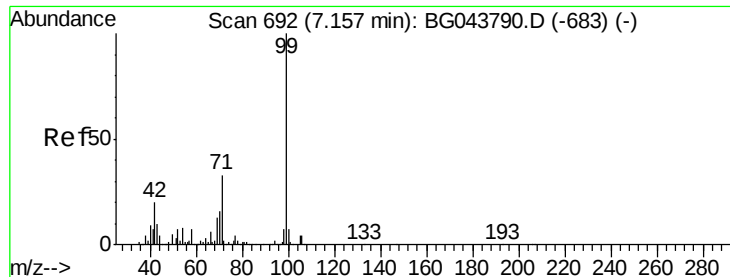


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 109.743 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG043803.D

Acq: 11 Dec 2019 20:07

Instrument :

BNA\_G

ClientSampleId :

SB-03-COMP

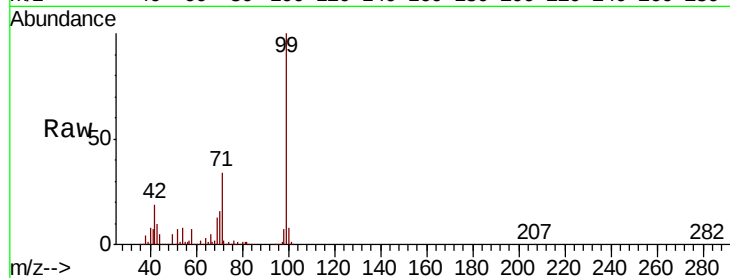
Tot Ion: 99 Resp: 1046324

Ion Ratio Lower Upper

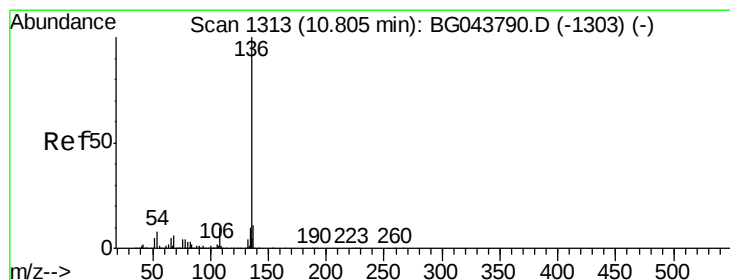
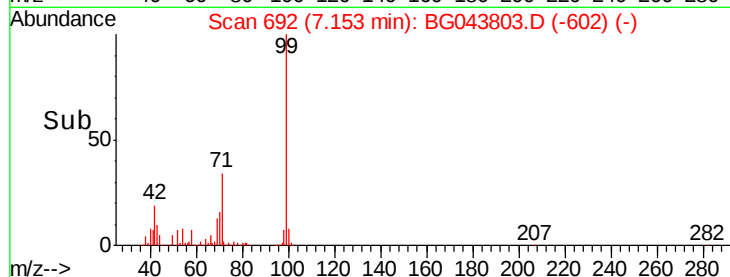
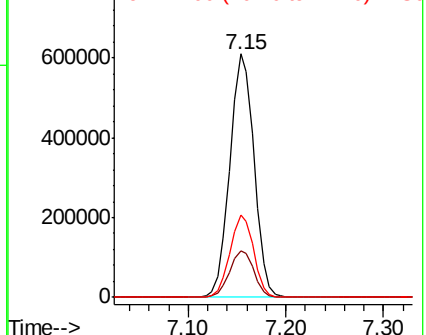
99 100

42 19.2 16.2 24.2

71 33.9 26.6 40.0



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: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG043803.D

Acq: 11 Dec 2019 20:07

Tgt Ion: 136 Resp: 538734

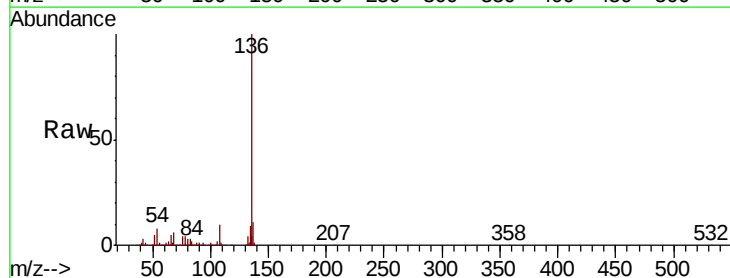
Ion Ratio Lower Upper

136 100

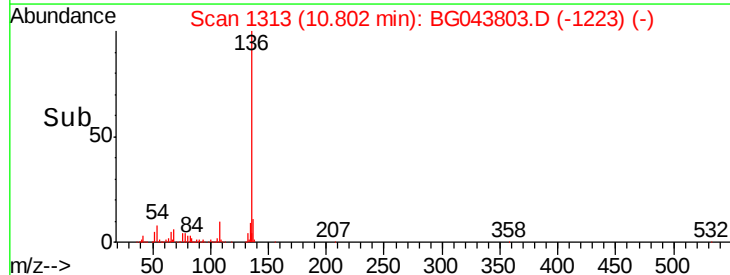
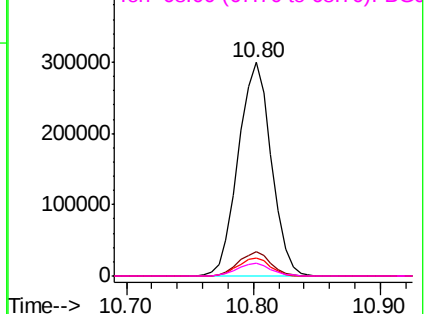
137 11.3 8.7 13.1

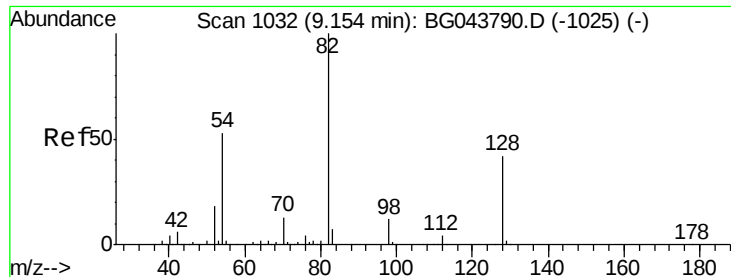
54 8.2 6.8 10.2

68 6.2 5.0 7.4



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

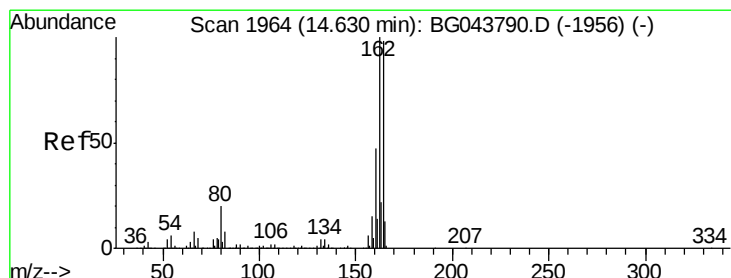
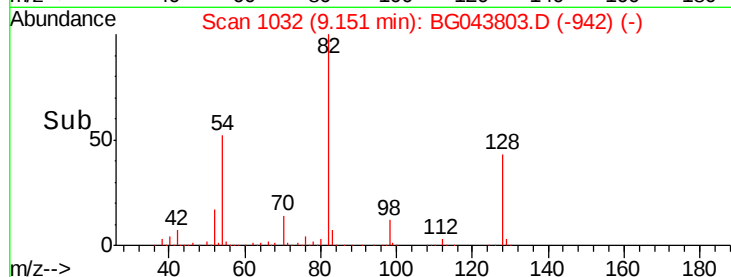
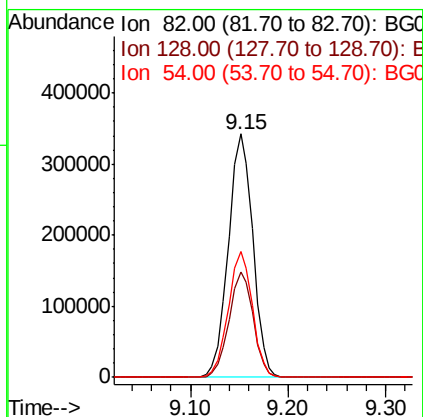
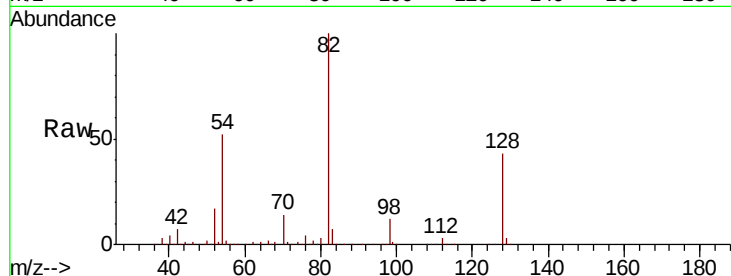




#23  
Nitrobenzene-d5  
Concen: 62.041 ng  
RT: 9.15 min Scan# 1032  
Delta R.T. -0.00 min  
Lab File: BG043803.D  
Acq: 11 Dec 2019 20:07

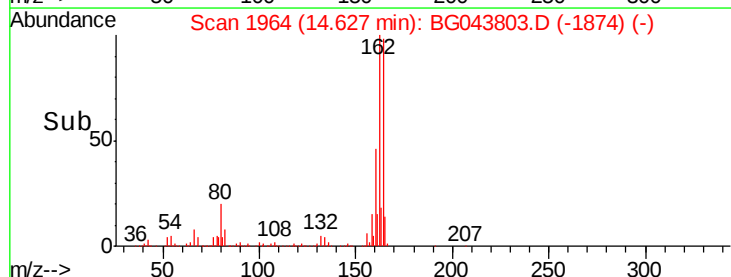
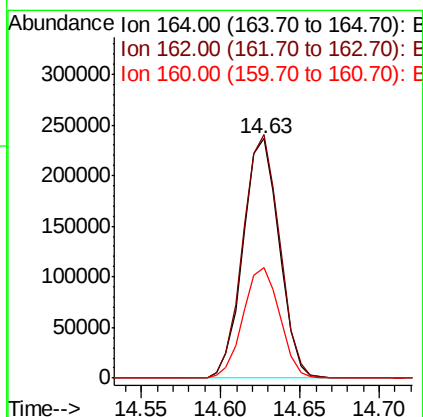
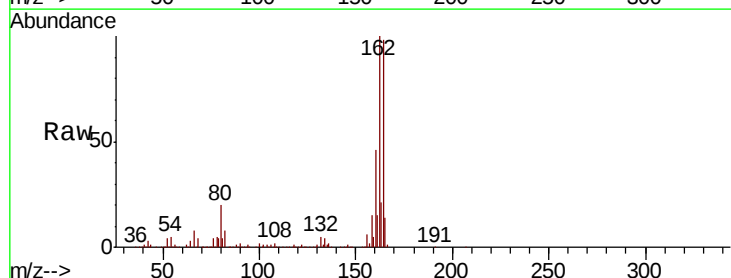
Instrument :  
BNA\_G  
ClientSampleId :  
SB-03-COMP

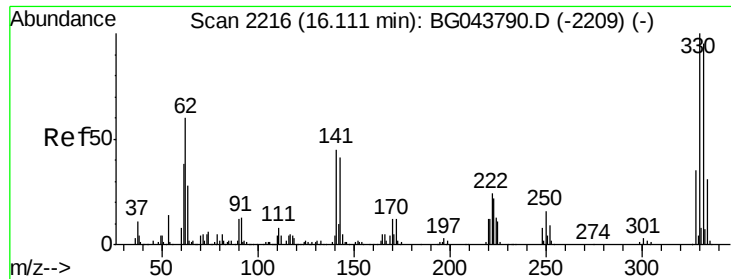
| Tot Ion   | 82   | Resp  | 595285 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 43.0 | 33.6  | 50.4   |
| 54        | 51.6 | 42.1  | 63.1   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.63 min Scan# 1964  
Delta R.T. -0.00 min  
Lab File: BG043803.D  
Acq: 11 Dec 2019 20:07

| Tgt Ion   | 164   | Resp  | 375163 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 162       | 101.7 | 81.9  | 122.9  |
| 160       | 46.3  | 38.3  | 57.5   |

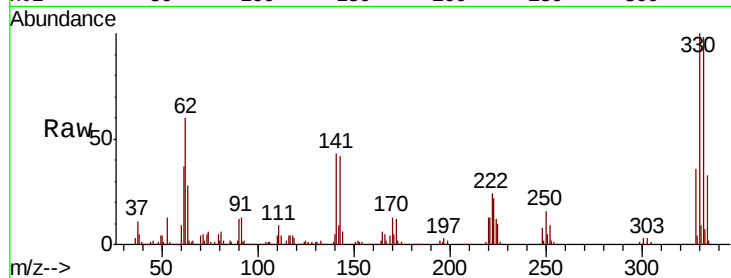




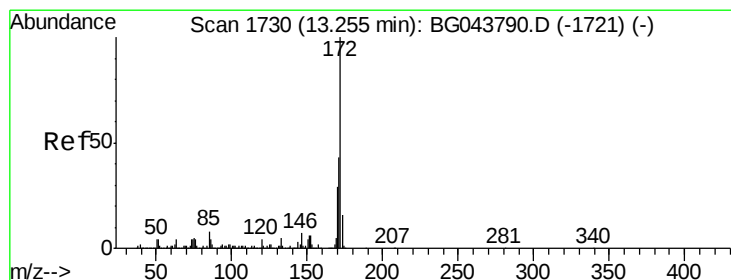
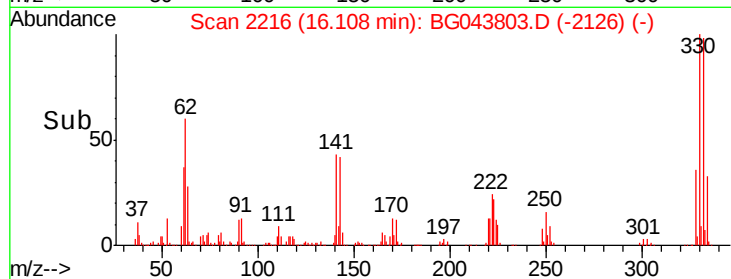
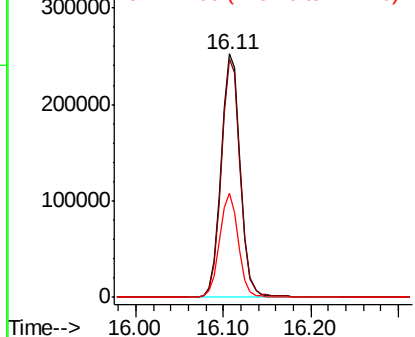
#42  
 2,4,6-Tribromophenol  
 Concen: 107.481 ng  
 RT: 16.11 min Scan# 2216  
 Delta R.T. -0.00 min  
 Lab File: BG043803.D  
 Acq: 11 Dec 2019 20:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-03-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.5  | 76.9  | 115.3 |
| 141     | 42.0  | 33.8  | 50.8  |

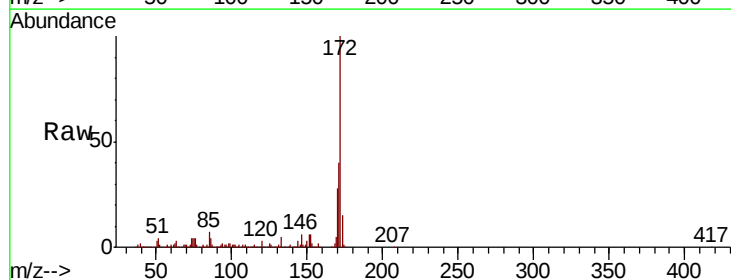


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

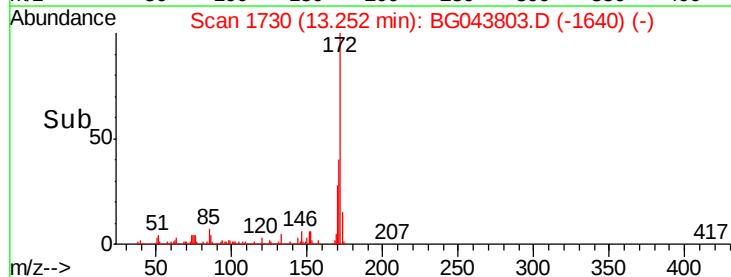
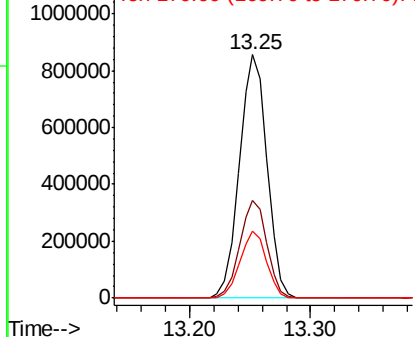


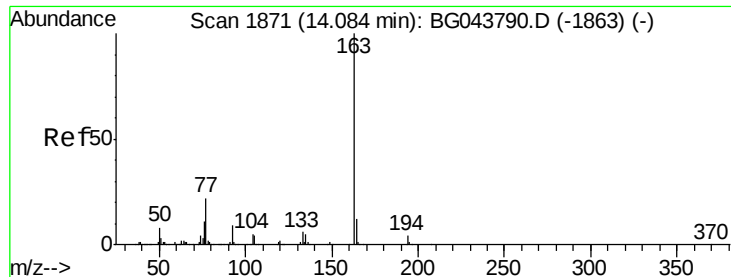
#45  
 2-Fluorobiphenyl  
 Concen: 63.811 ng  
 RT: 13.25 min Scan# 1730  
 Delta R.T. -0.00 min  
 Lab File: BG043803.D  
 Acq: 11 Dec 2019 20:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 40.3  | 34.6  | 51.8  |
| 170     | 27.7  | 23.3  | 34.9  |



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

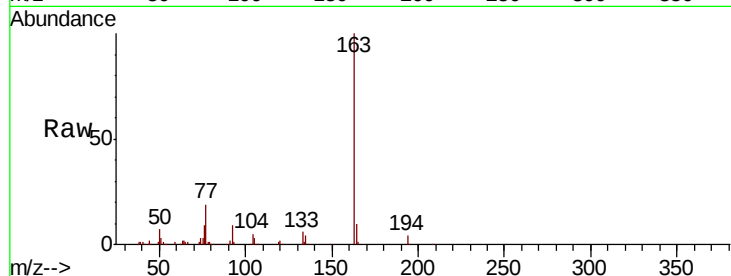




#50  
Dimethylphthalate  
Concen: 5.486 ng  
RT: 14.07 min Scan# 1870  
Delta R.T. -0.01 min  
Lab File: BG043803.D  
Acq: 11 Dec 2019 20:07

Instrument :  
BNA\_G  
ClientSampleId :  
SB-03-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.7   | 3.6   | 5.4   |
| 164     | 9.7   | 9.4   | 14.0  |

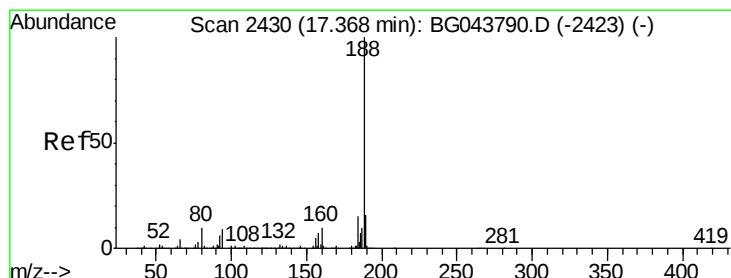
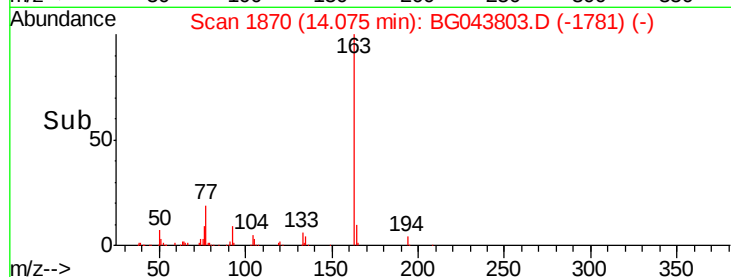
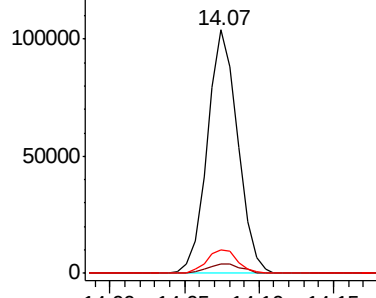


Abundance

Ion 163.00 (162.70 to 163.70): E

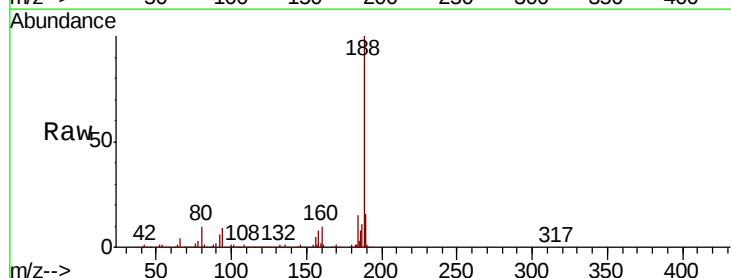
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.36 min Scan# 2430  
Delta R.T. -0.00 min  
Lab File: BG043803.D  
Acq: 11 Dec 2019 20:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.0   | 6.9   | 10.3  |
| 80      | 10.4  | 7.8   | 11.8  |

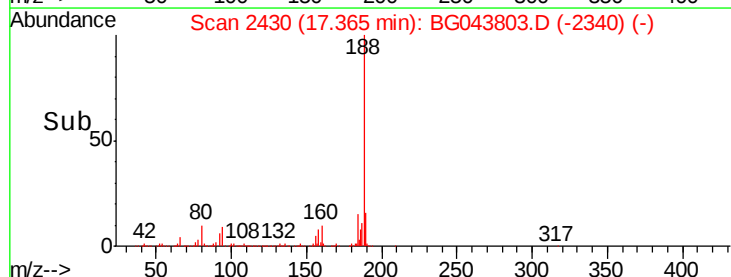
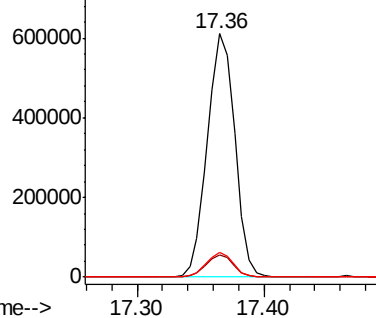


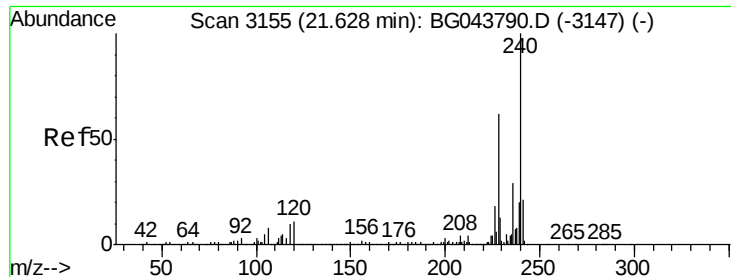
Abundance

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

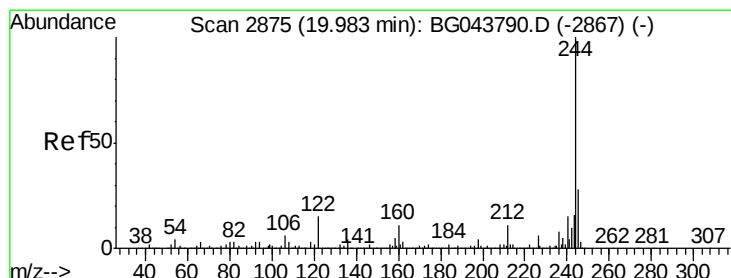
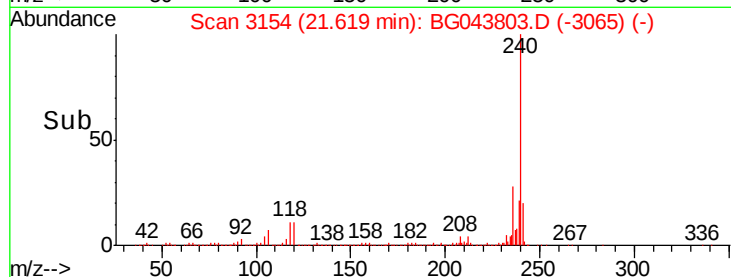
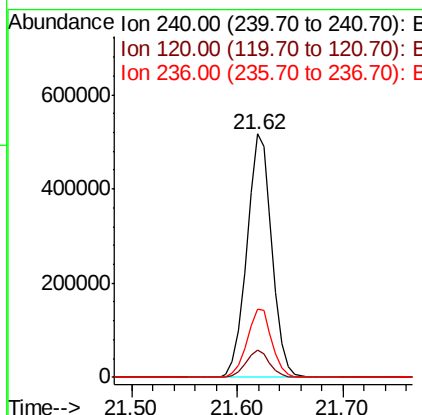
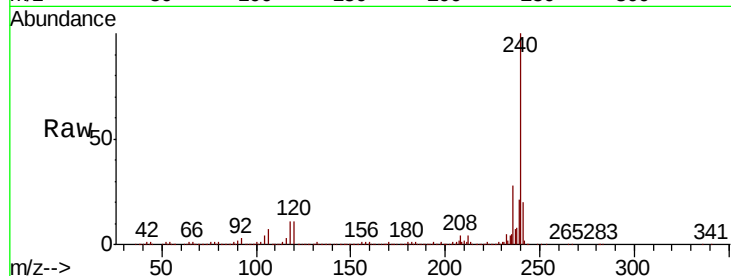




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 21.62 min Scan# 3154  
 Delta R.T. -0.01 min  
 Lab File: BG043803.D  
 Acq: 11 Dec 2019 20:07

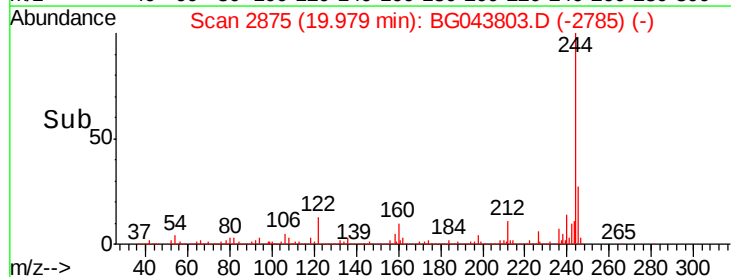
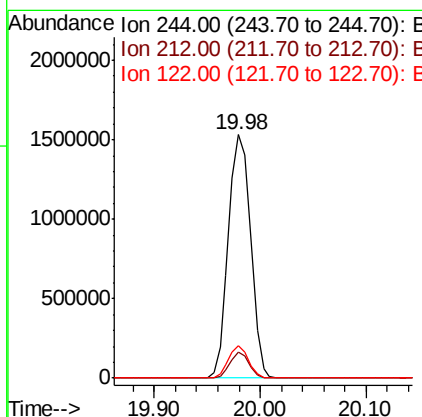
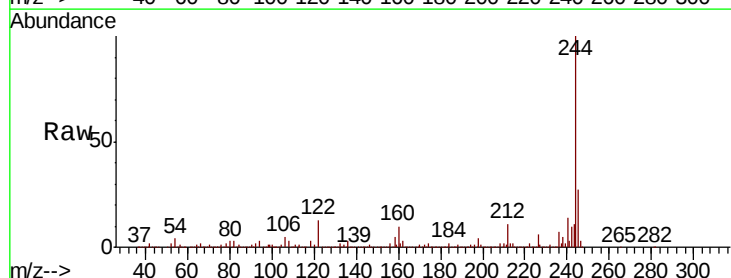
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-03-COMP

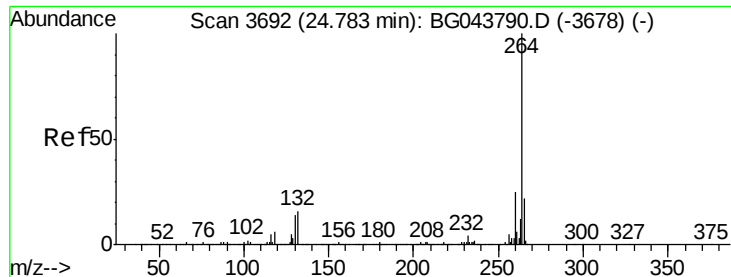
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.1  | 8.6   | 12.8  |
| 236     | 27.9  | 23.1  | 34.7  |



#79  
 Terphenyl-d14  
 Concen: 63.112 ng  
 RT: 19.98 min Scan# 2875  
 Delta R.T. -0.00 min  
 Lab File: BG043803.D  
 Acq: 11 Dec 2019 20:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 10.5  | 9.1   | 13.7  |
| 122     | 13.3  | 11.6  | 17.4  |





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.77 min Scan# 3691  
Delta R.T. -0.01 min  
Lab File: BG043803.D  
Acq: 11 Dec 2019 20:07

Instrument :  
BNA\_G  
ClientSampleId :  
SB-03-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.8  | 19.8  | 29.8  |
| 265     | 22.1  | 17.9  | 26.9  |

