

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\  
 Data File : BG044849.D  
 Acq On : 18 Mar 2020 1:46  
 Operator : CG/JU  
 Sample : L1917-02  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MH-725

Quant Time: Mar 18 04:00:57 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 16 17:37:15 2020  
 Response via : Initial Calibration

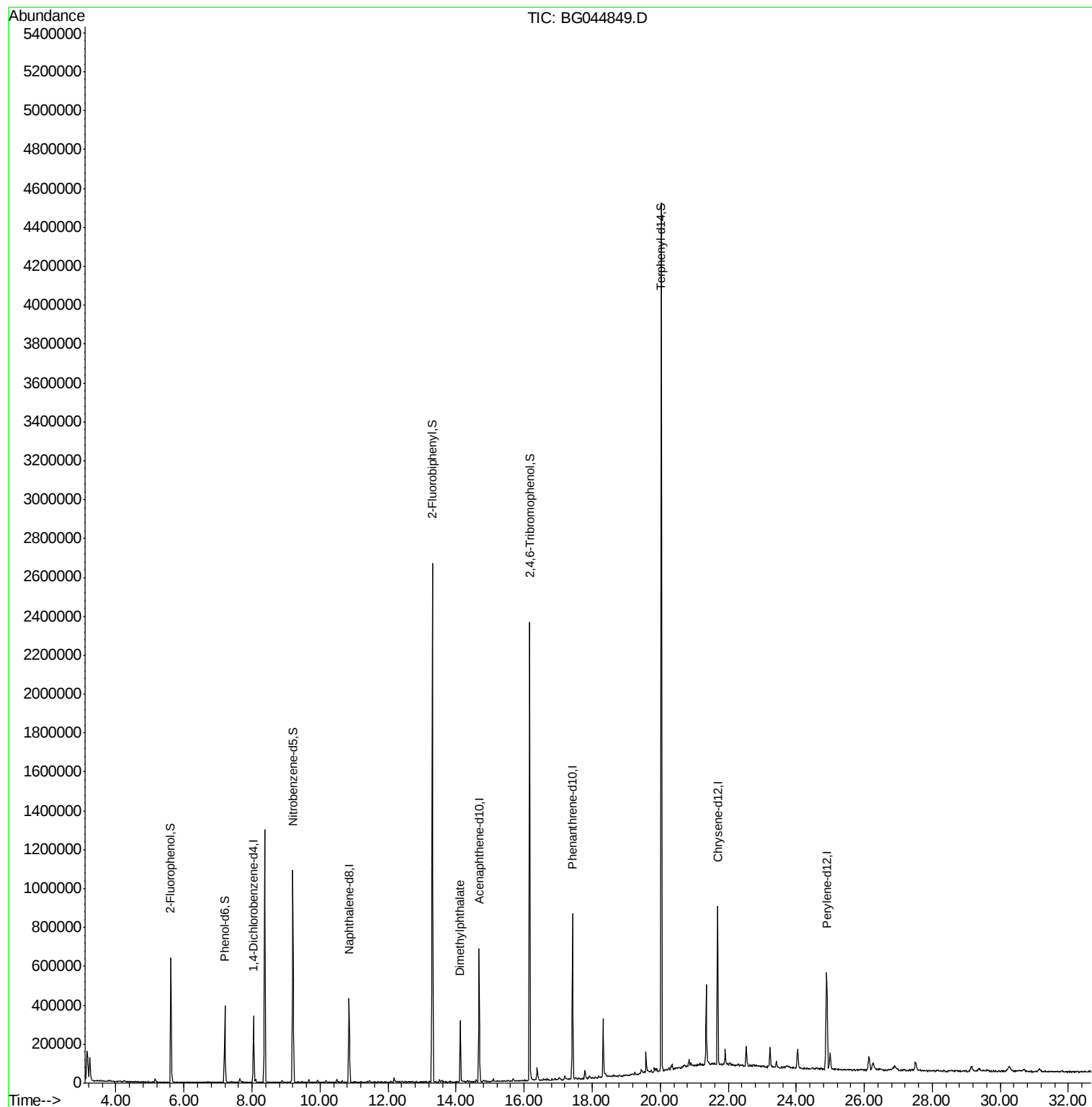
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.05  | 152  | 95803    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.85 | 136  | 376403   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.67 | 164  | 253616   | 20.00  | ng    | -0.01     |
| 64) Phenanthrene-d10        | 17.42 | 188  | 554936   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.69 | 240  | 474312   | 20.00  | ng    | -0.01     |
| 87) Perylene-d12            | 24.89 | 264  | 551591   | 20.00  | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.61  | 112  | 290406   | 47.19  | ng    | 0.00      |
| 7) Phenol-d6                | 7.20  | 99   | 252175   | 28.20  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.20  | 82   | 707725   | 82.51  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.16 | 330  | 449672   | 135.41 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 13.30 | 172  | 1475555  | 83.32  | ng    | 0.00      |
| 79) Terphenyl-d14           | 20.03 | 244  | 2113334  | 83.34  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 14.12 | 163  | 206391   | 10.218 | ng    | Qvalue 99 |

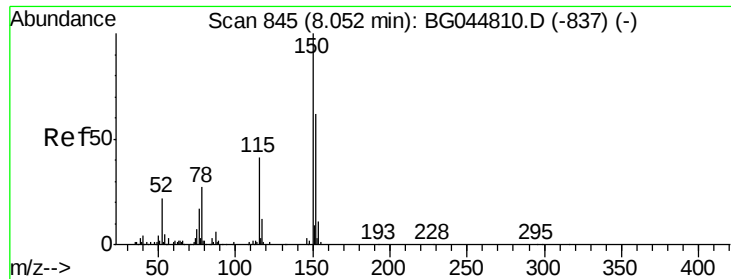
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\  
Data File : BG044849.D  
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Sample : L1917-02  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MH-725

Quant Time: Mar 18 04:00:57 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 16 17:37:15 2020  
Response via : Initial Calibration



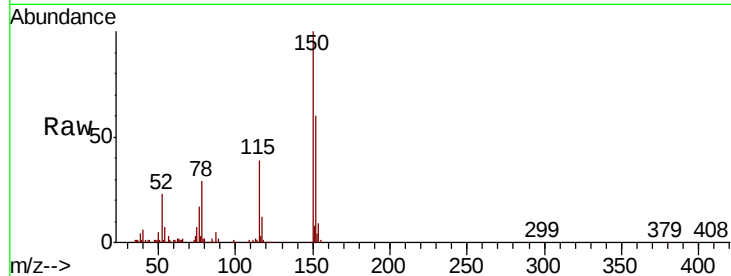


#1

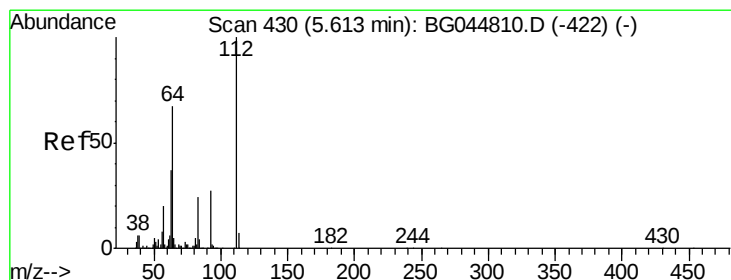
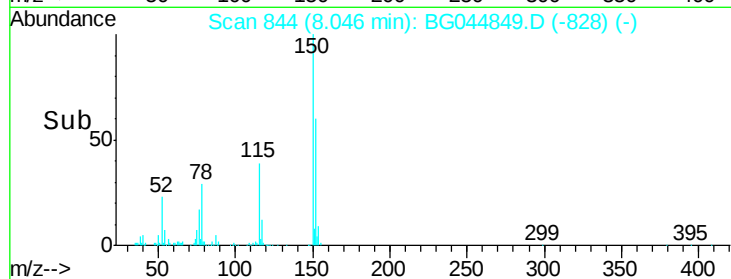
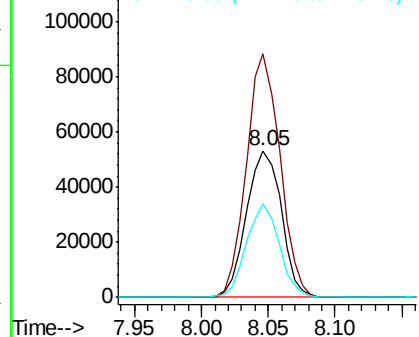
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.05 min Scan# 844  
 Delta R.T. -0.01 min  
 Lab File: BG044849.D  
 Acq: 18 Mar 2020 1:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MH-725

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 165.7 | 128.8 | 193.2 |
| 115     | 63.8  | 52.6  | 79.0  |



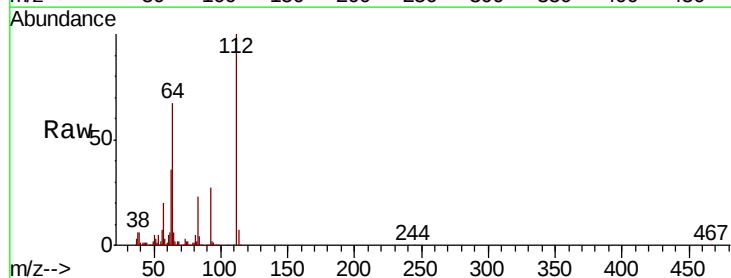
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



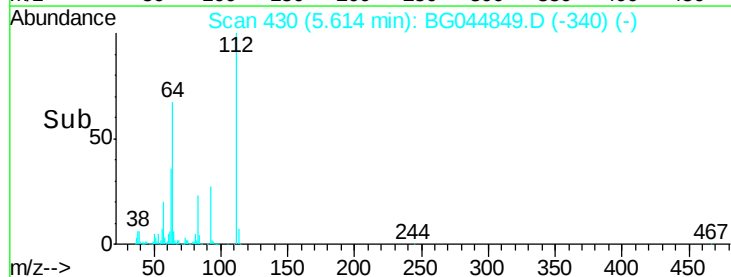
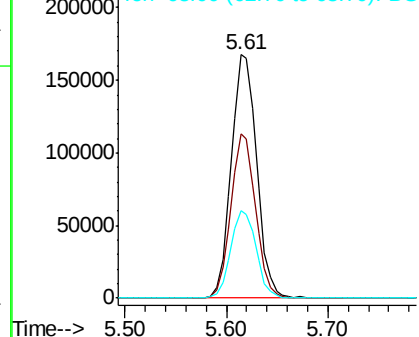
#5

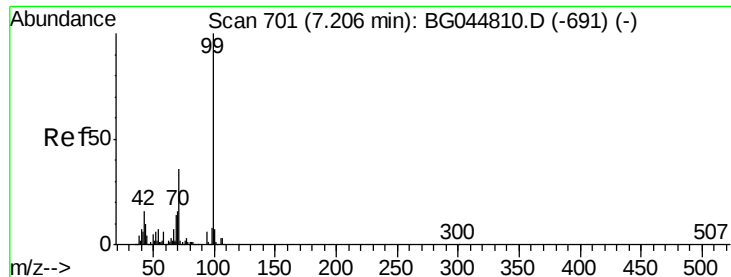
2-Fluorophenol  
 Concen: 47.188 ng  
 RT: 5.61 min Scan# 430  
 Delta R.T. 0.00 min  
 Lab File: BG044849.D  
 Acq: 18 Mar 2020 1:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 67.3  | 53.4  | 80.2  |
| 63      | 36.1  | 29.4  | 44.2  |



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: 28.202 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044849.D

Acq: 18 Mar 2020 1:46

Instrument :

BNA\_G

ClientSampleId :

MH-725

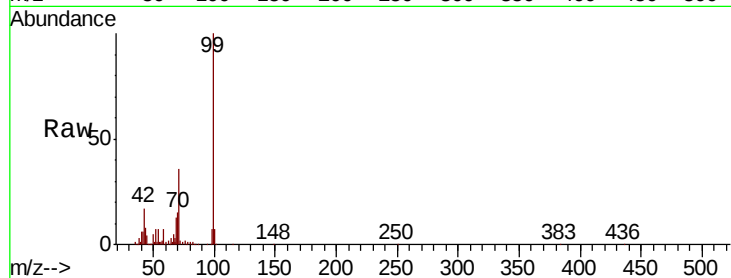
Tot Ion: 99 Resp: 252175

Ion Ratio Lower Upper

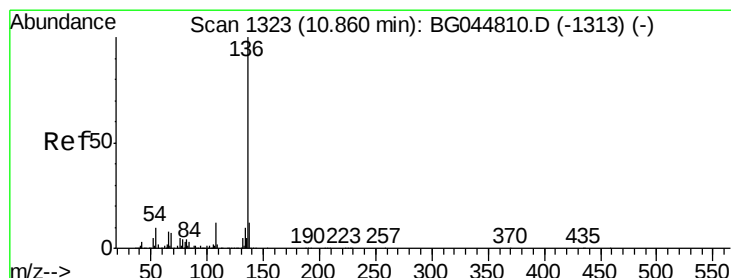
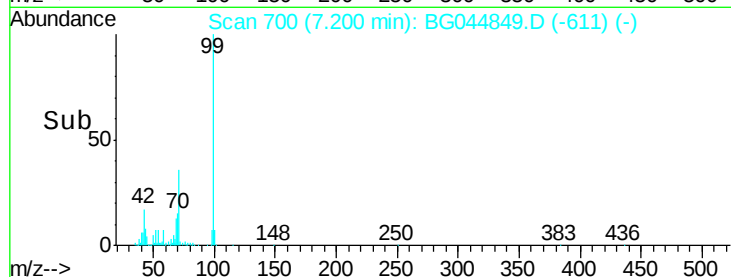
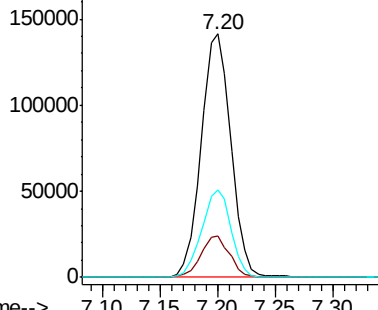
99 100

42 16.7 12.6 19.0

71 35.7 29.0 43.4



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: 10.85 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BG044849.D

Acq: 18 Mar 2020 1:46

Tgt Ion: 136 Resp: 376403

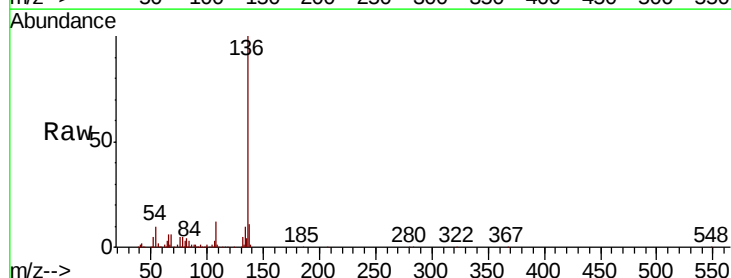
Ion Ratio Lower Upper

136 100

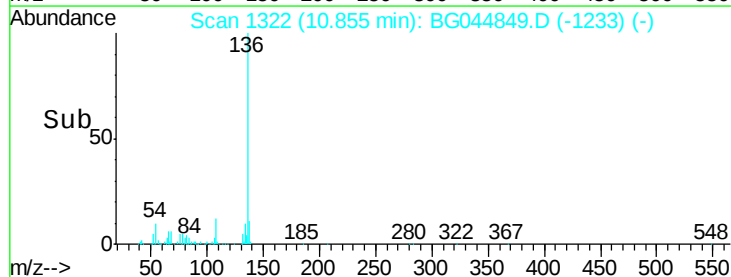
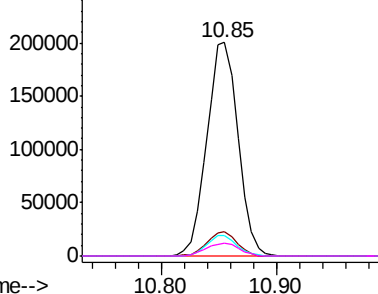
137 11.2 9.8 14.6

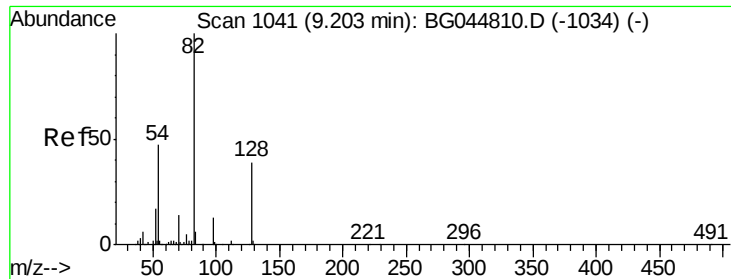
54 9.5 7.9 11.9

68 6.1 5.4 8.0



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

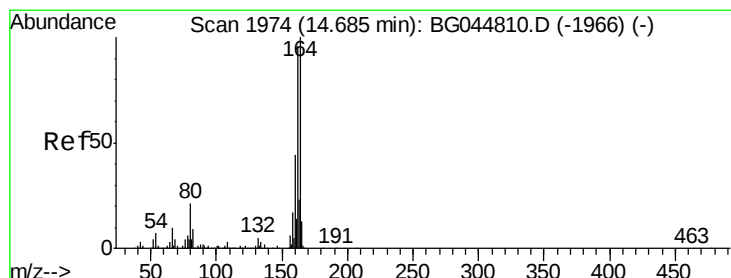
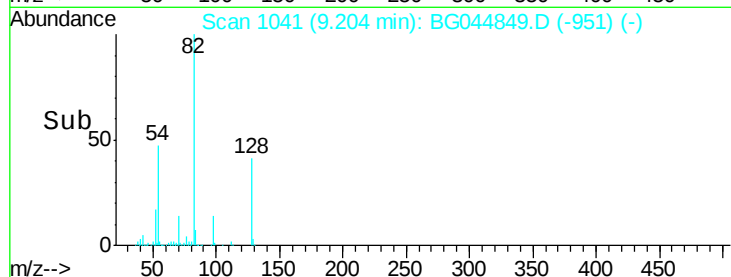
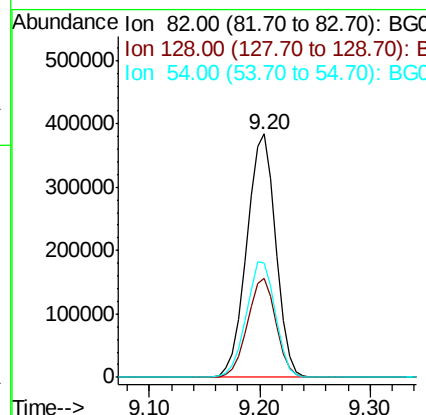
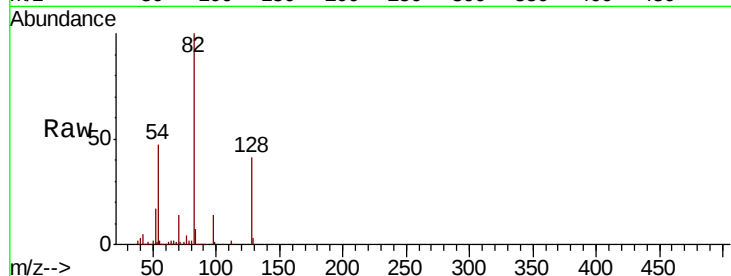




#23  
 Nitrobenzene-d5  
 Concen: 82.507 ng  
 RT: 9.20 min Scan# 1041  
 Delta R.T. 0.00 min  
 Lab File: BG044849.D  
 Acq: 18 Mar 2020 1:46

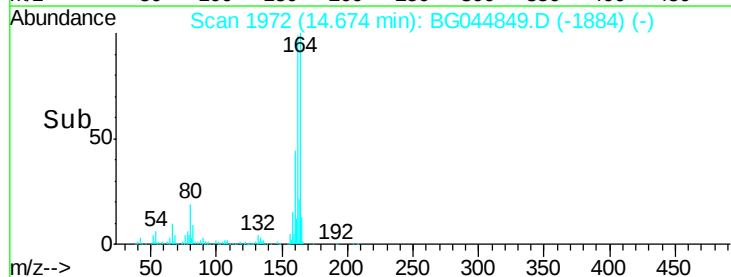
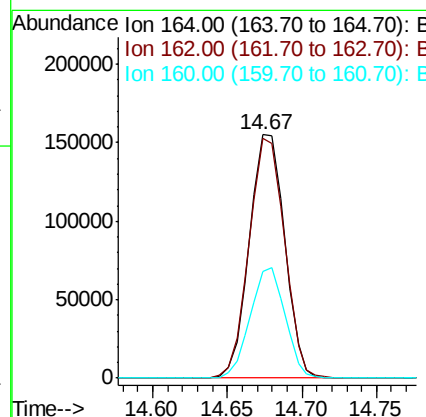
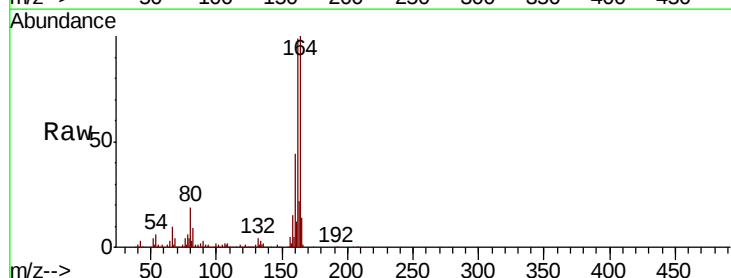
Instrument :  
 BNA\_G  
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 MH-725

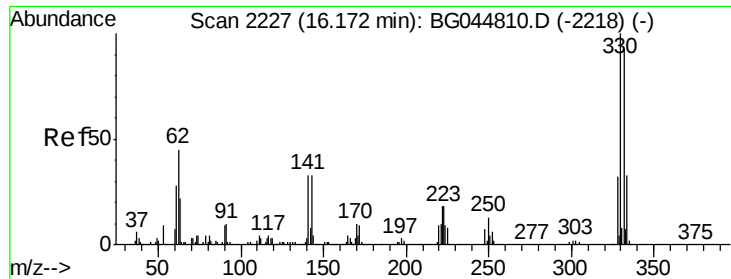
| Tot Ion   | 82    | Resp  | 707725 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 40.8  | 30.6  | 46.0   |
| 54        | 46.9  | 37.1  | 55.7   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.67 min Scan# 1972  
 Delta R.T. -0.01 min  
 Lab File: BG044849.D  
 Acq: 18 Mar 2020 1:46

| Tgt Ion   | 164   | Resp  | 253616 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 98.7  | 76.7  | 115.1  |
| 160       | 44.0  | 35.0  | 52.4   |

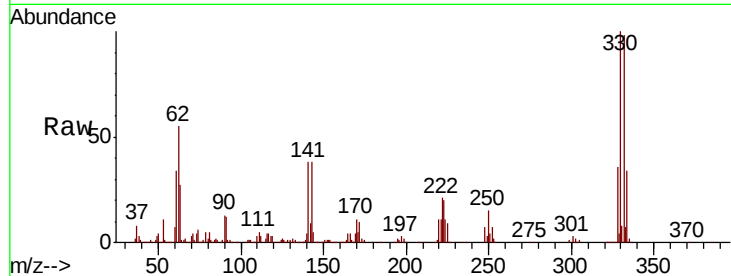




#42  
2,4,6-Tribromophenol  
Concen: 135.414 ng  
RT: 16.16 min Scan# 2225  
Delta R.T. -0.01 min  
Lab File: BG044849.D  
Acq: 18 Mar 2020 1:46

Instrument :  
BNA\_G  
ClientSampleId :  
MH-725

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.3  | 77.8  | 116.6 |
| 141     | 37.0  | 29.5  | 44.3  |

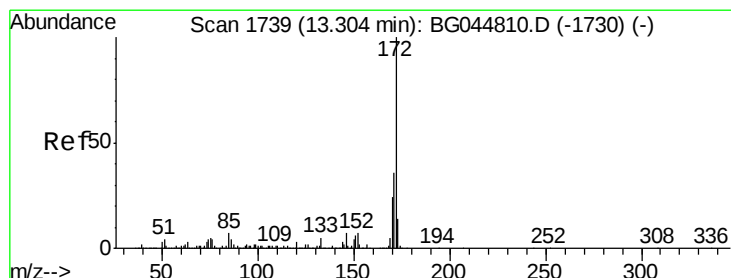
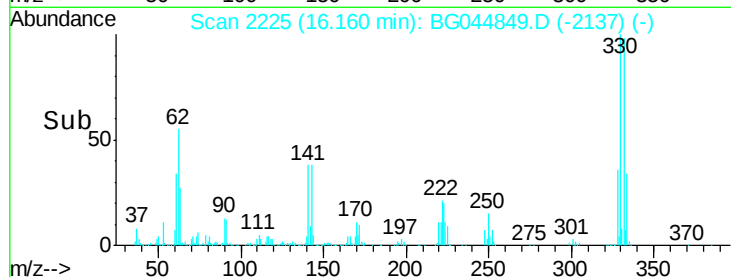
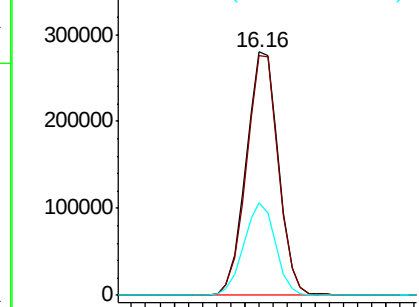


Abundance

Ion 329.80 (329.50 to 330.50): E

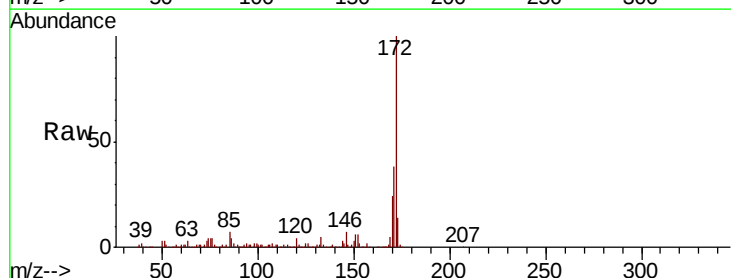
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
2-Fluorobiphenyl  
Concen: 83.317 ng  
RT: 13.30 min Scan# 1739  
Delta R.T. 0.00 min  
Lab File: BG044849.D  
Acq: 18 Mar 2020 1:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.3  | 28.7  | 43.1  |
| 170     | 24.3  | 19.0  | 28.6  |

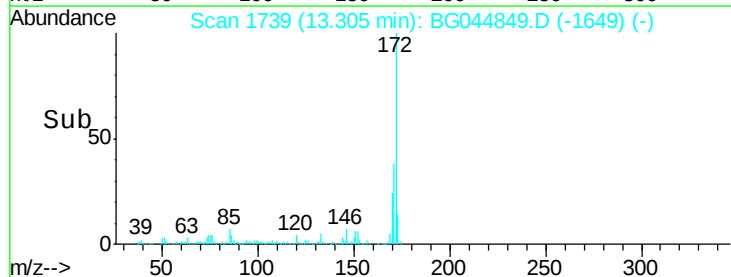
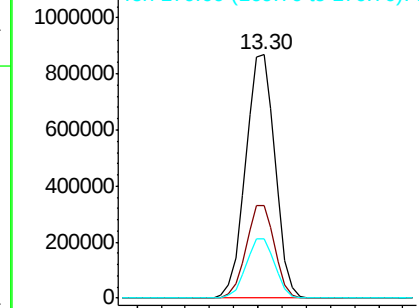


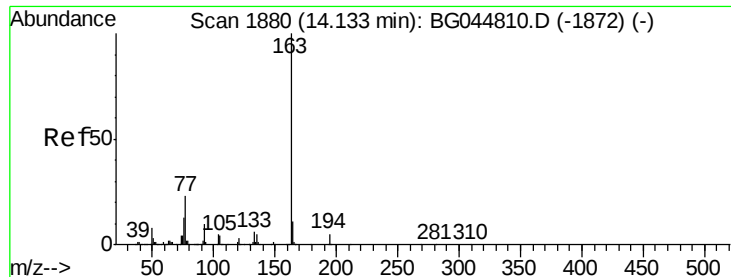
Abundance

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: 10.218 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG044849.D

Acq: 18 Mar 2020 1:46

Instrument :

BNA\_G

ClientSampleId :

MH-725

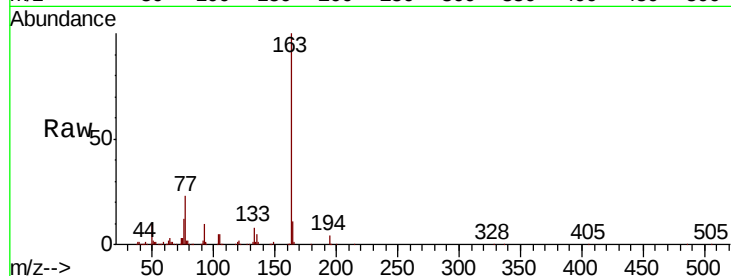
Tot Ion:163 Resp: 206391

Ion Ratio Lower Upper

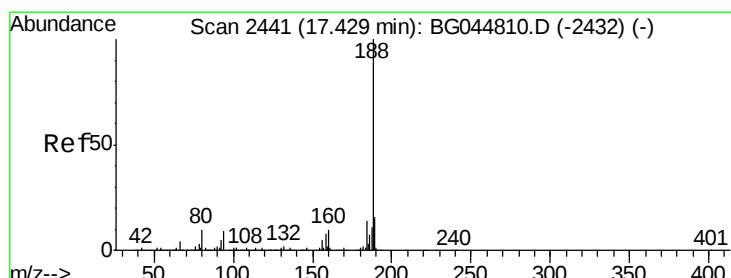
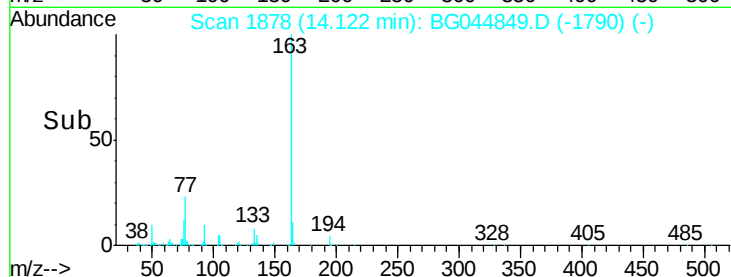
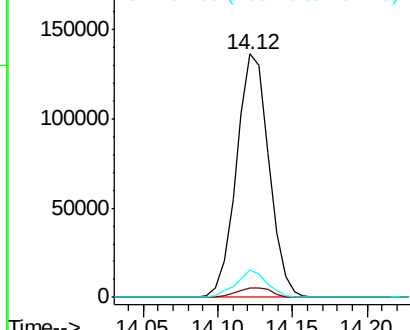
163 100

194 4.1 3.7 5.5

164 11.2 9.1 13.7



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: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG044849.D

Acq: 18 Mar 2020 1:46

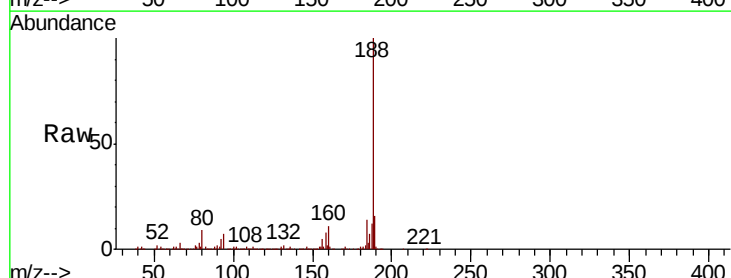
Tgt Ion:188 Resp: 554936

Ion Ratio Lower Upper

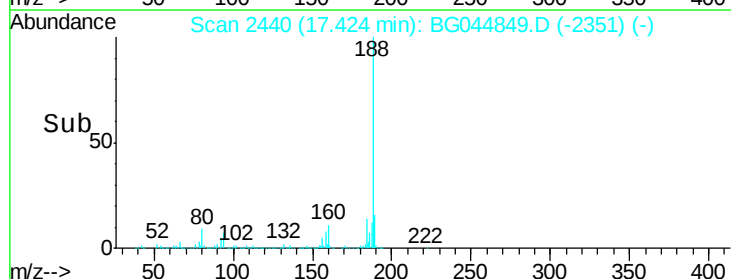
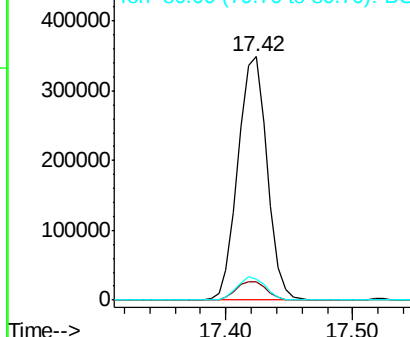
188 100

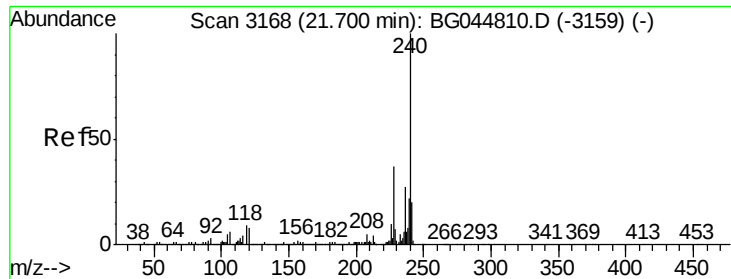
94 7.3 7.3 10.9

80 8.7 8.0 12.0



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044849.D

Acq: 18 Mar 2020 1:46

Instrument :

BNA\_G

ClientSampleId :

MH-725

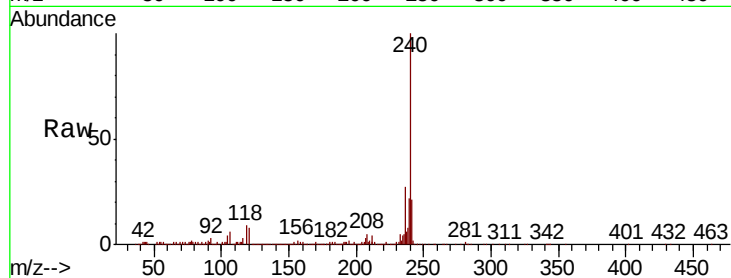
Tot Ion:240 Resp: 474312

Ion Ratio Lower Upper

240 100

120 8.4 6.7 10.1

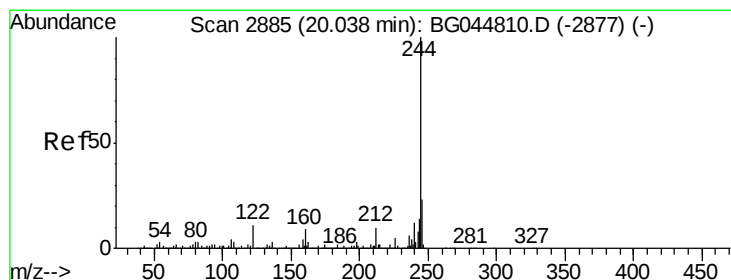
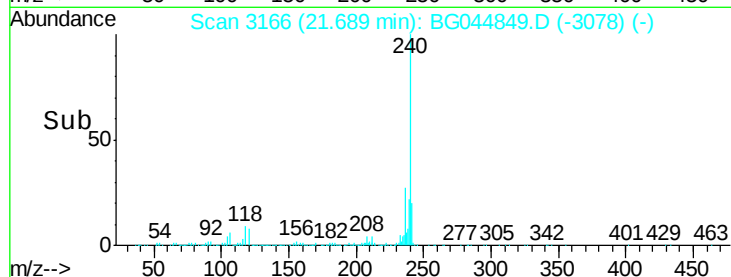
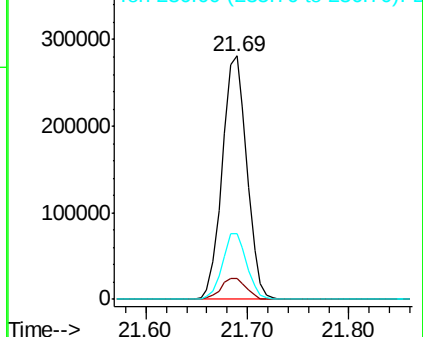
236 26.7 21.5 32.3



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: 83.344 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044849.D

Acq: 18 Mar 2020 1:46

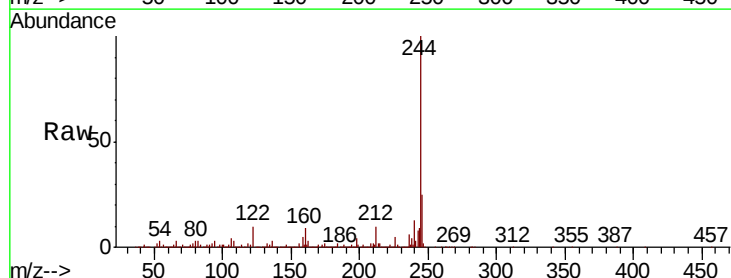
Tgt Ion:244 Resp: 2113334

Ion Ratio Lower Upper

244 100

212 9.9 7.7 11.5

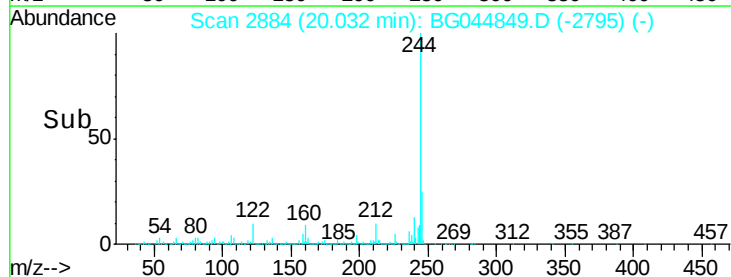
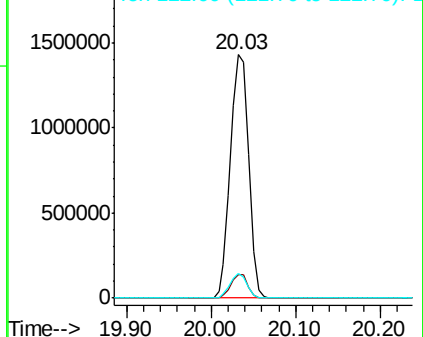
122 10.1 8.6 12.8

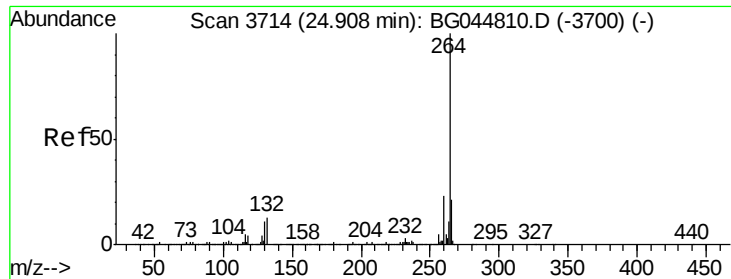


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.89 min Scan# 3711  
Delta R.T. -0.02 min  
Lab File: BG044849.D  
Acq: 18 Mar 2020 1:46

Instrument :  
BNA\_G  
ClientSampleId :  
MH-725

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.0  | 18.1  | 27.1  |
| 265     | 21.7  | 17.1  | 25.7  |

