

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\  
 Data File : BG041696.D  
 Acq On : 17 Jul 2019 20:21  
 Operator : HP/JU  
 Sample : K3835-02  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-1(7-9)

Quant Time: Jul 18 07:39:36 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 15 16:16:21 2019  
 Response via : Initial Calibration

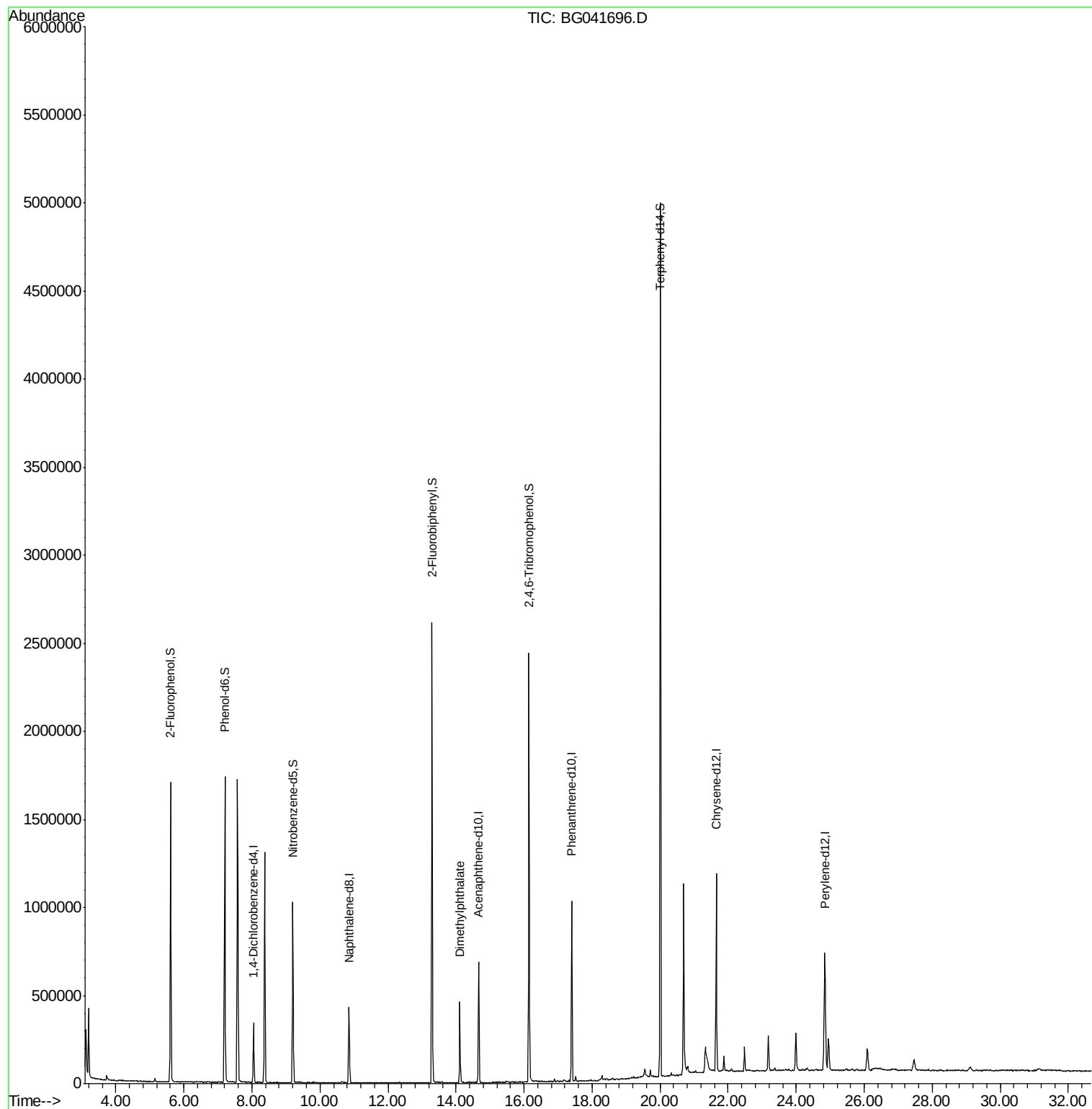
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.05  | 152  | 96681    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.85 | 136  | 388545   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.66 | 164  | 241233   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.40 | 188  | 624577   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.65 | 240  | 651249   | 20.00  | ng    | -0.01     |
| 87) Perylene-d12            | 24.85 | 264  | 740921   | 20.00  | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.61  | 112  | 718423   | 121.48 | ng    | 0.00      |
| 7) Phenol-d6                | 7.20  | 99   | 991770   | 124.68 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.20  | 82   | 603817   | 94.51  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 16.14 | 330  | 430740   | 158.44 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.29 | 172  | 1372083  | 88.08  | ng    | 0.00      |
| 79) Terphenyl-d14           | 20.00 | 244  | 2200785  | 78.97  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 14.11 | 163  | 319521   | 16.865 | ng    | Qvalue 97 |

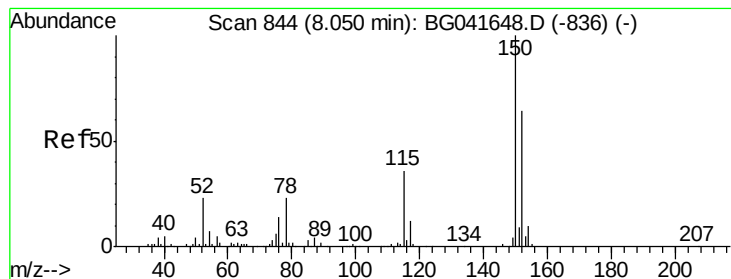
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\  
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Instrument :  
BNA\_G  
ClientSampleId :  
SB-1(7-9)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration



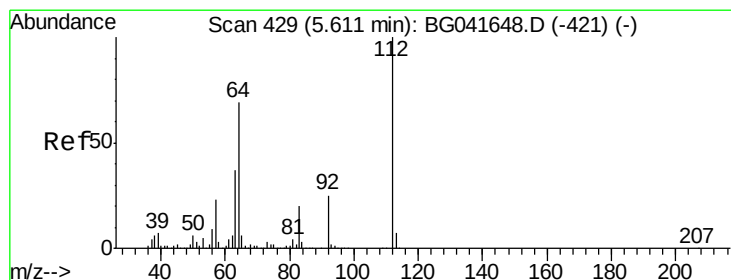
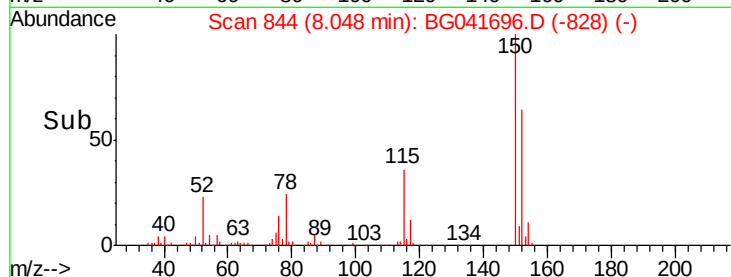
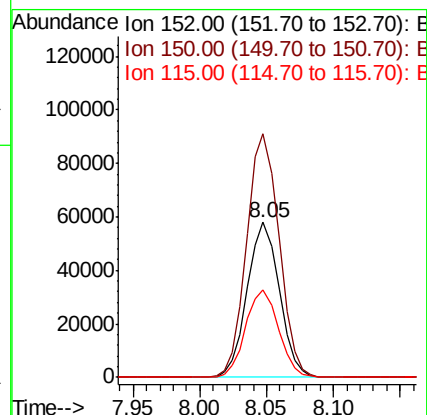
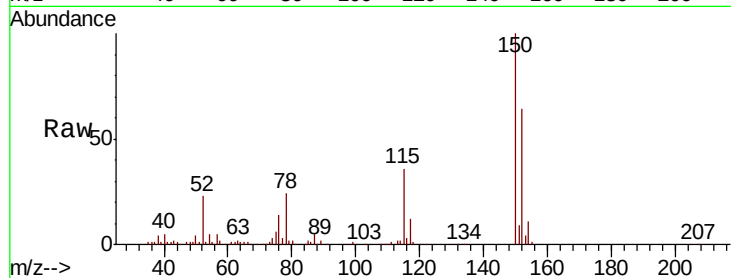


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.05 min Scan# 844  
Delta R.T. -0.01 min  
Lab File: BG041696.D  
Acq: 17 Jul 2019 20:21

Instrument :  
BNA\_G  
ClientSampleId :  
SB-1(7-9)

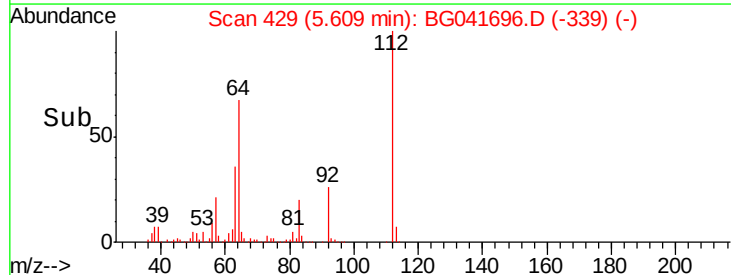
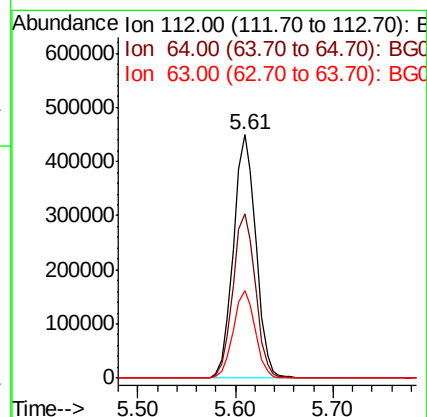
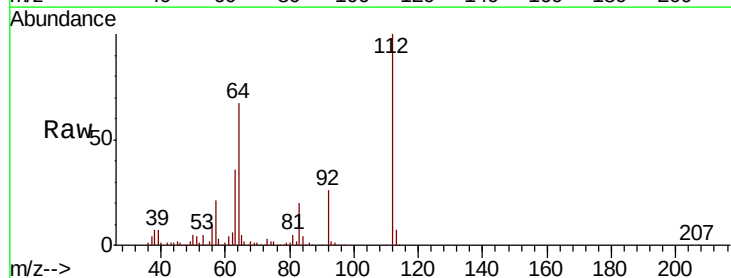
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.1 | 126.9 | 190.3 |
| 115     | 56.8  | 45.0  | 67.6  |

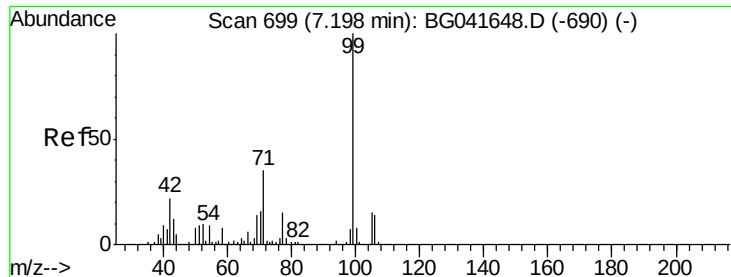


#5

2-Fluorophenol  
Concen: 121.476 ng  
RT: 5.61 min Scan# 429  
Delta R.T. -0.00 min  
Lab File: BG041696.D  
Acq: 17 Jul 2019 20:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 67.4  | 55.4  | 83.2  |
| 63      | 36.1  | 29.1  | 43.7  |





#7

Phenol-d6

Concen: 124.677 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041696.D

Acq: 17 Jul 2019 20:21

Instrument :

BNA\_G

ClientSampleId :

SB-1(7-9)

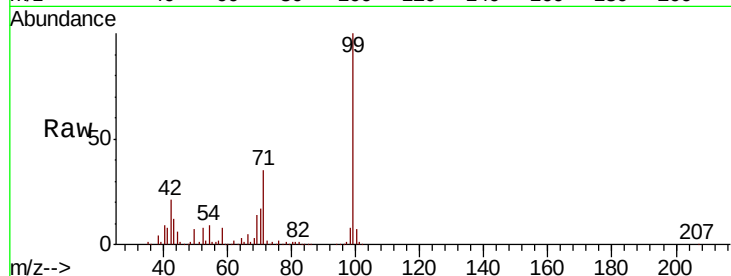
Tot Ion: 99 Resp: 991770

Ion Ratio Lower Upper

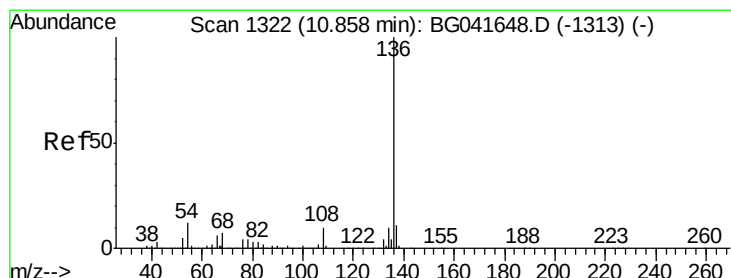
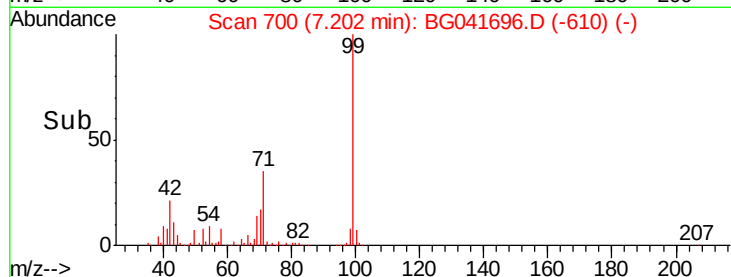
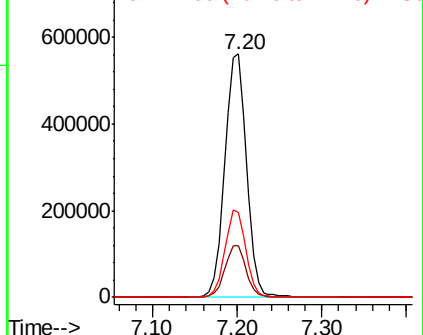
99 100

42 21.3 17.6 26.4

71 35.0 27.8 41.6



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# 1321

Delta R.T. -0.01 min

Lab File: BG041696.D

Acq: 17 Jul 2019 20:21

Tgt Ion: 136 Resp: 388545

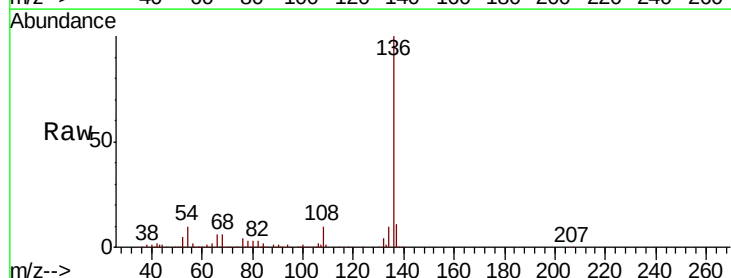
Ion Ratio Lower Upper

136 100

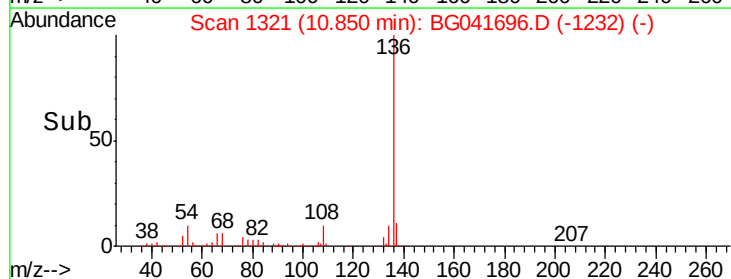
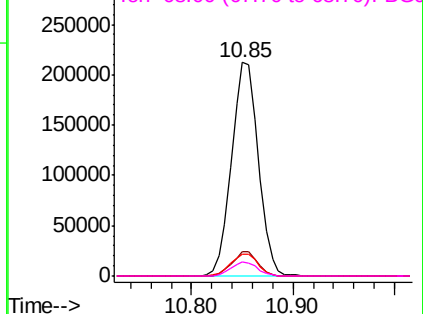
137 11.2 9.2 13.8

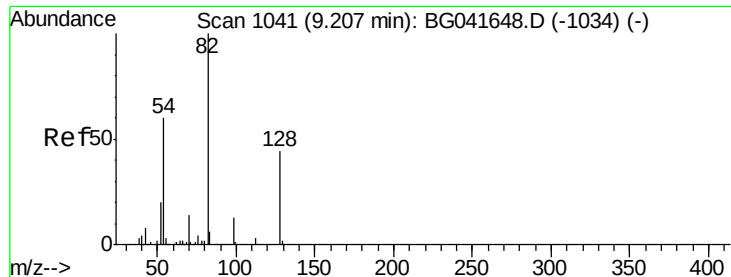
54 10.3 8.7 13.1

68 6.4 5.5 8.3



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: 94.509 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BG041696.D

Acq: 17 Jul 2019 20:21

Instrument :

BNA\_G

ClientSampleId :

SB-1(7-9)

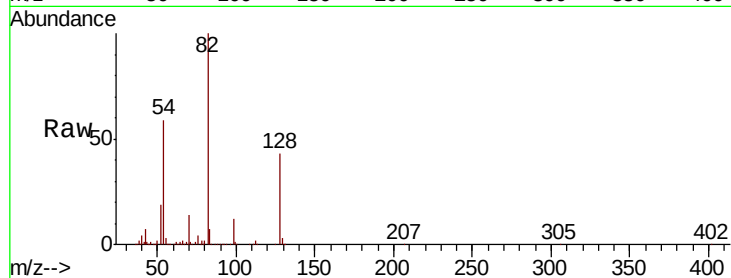
Tot Ion: 82 Resp: 603817

Ion Ratio Lower Upper

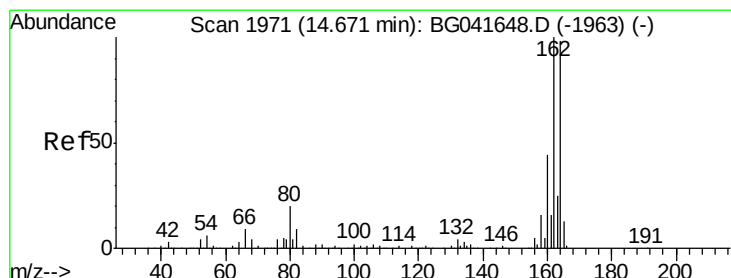
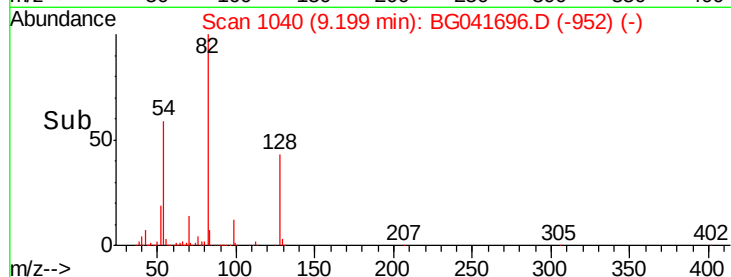
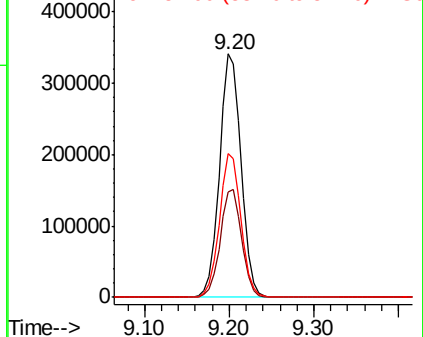
82 100

128 43.3 35.1 52.7

54 59.2 48.7 73.1



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: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG041696.D

Acq: 17 Jul 2019 20:21

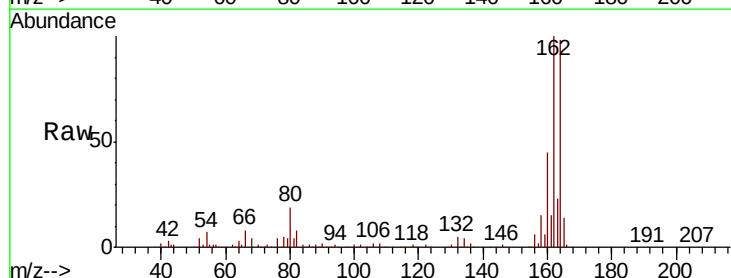
Tgt Ion: 164 Resp: 241233

Ion Ratio Lower Upper

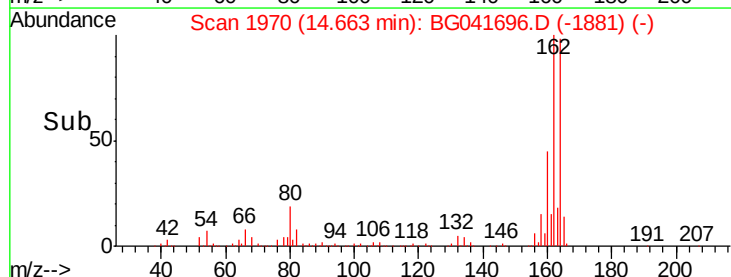
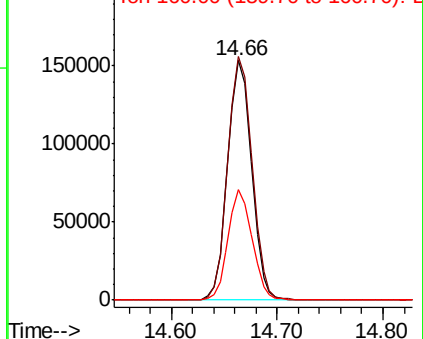
164 100

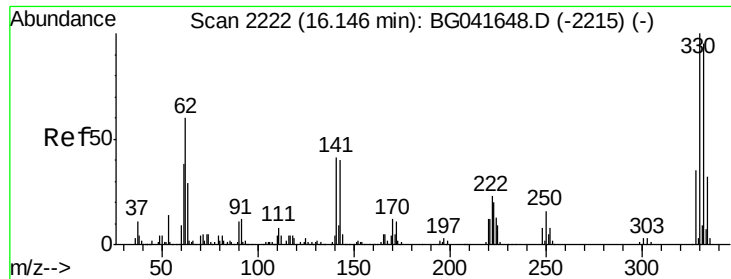
162 101.6 79.6 119.4

160 46.0 35.4 53.0



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

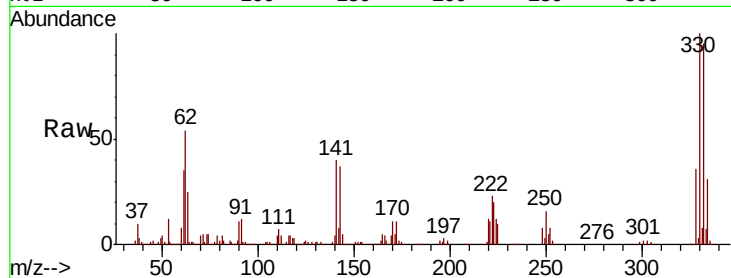




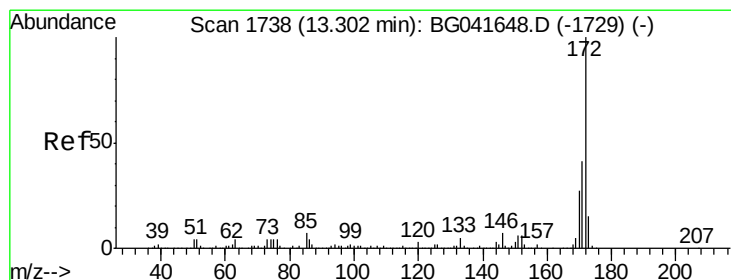
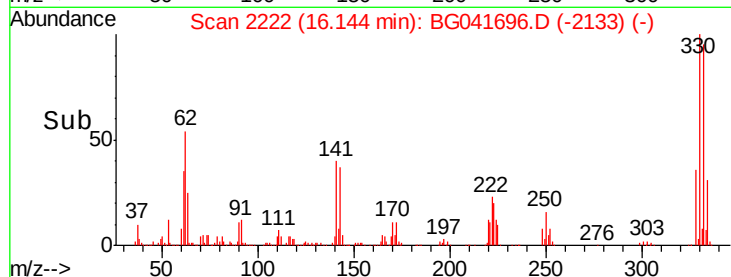
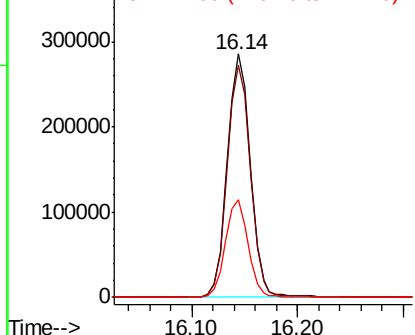
#42  
 2,4,6-Tribromophenol  
 Concen: 158.439 ng  
 RT: 16.14 min Scan# 2222  
 Delta R.T. -0.01 min  
 Lab File: BG041696.D  
 Acq: 17 Jul 2019 20:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-1(7-9)

Tot Ion:330 Resp: 430740  
 Ion Ratio Lower Upper  
 330 100  
 332 96.2 77.4 116.0  
 141 39.9 31.9 47.9

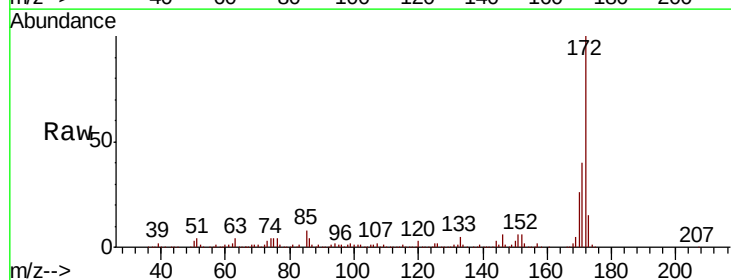


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

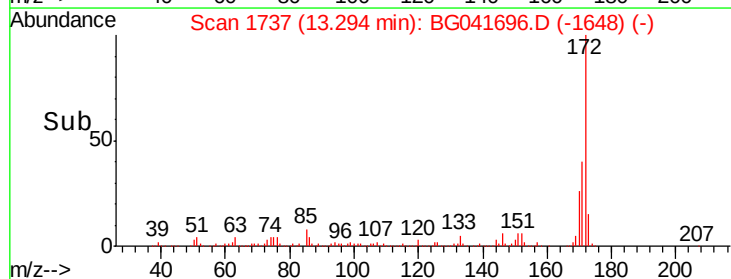
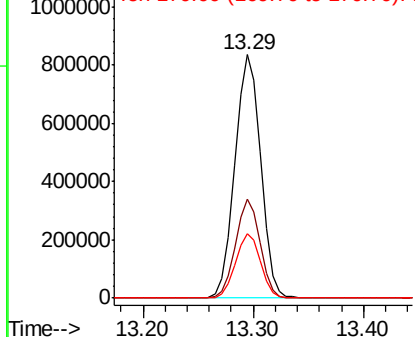


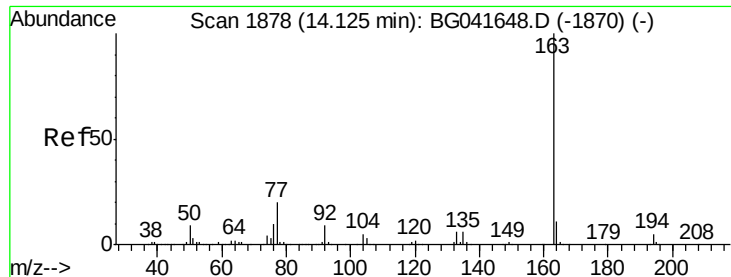
#45  
 2-Fluorobiphenyl  
 Concen: 88.075 ng  
 RT: 13.29 min Scan# 1737  
 Delta R.T. -0.01 min  
 Lab File: BG041696.D  
 Acq: 17 Jul 2019 20:21

Tgt Ion:172 Resp: 1372083  
 Ion Ratio Lower Upper  
 172 100  
 171 40.4 35.0 52.4  
 170 26.5 23.5 35.3



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: 16.865 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041696.D

Acq: 17 Jul 2019 20:21

Instrument :

BNA\_G

ClientSampleId :

SB-1(7-9)

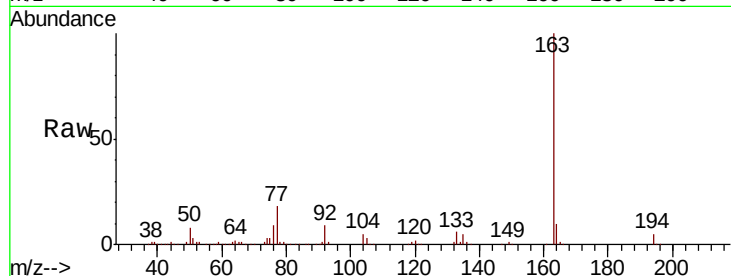
Tot Ion:163 Resp: 319521

Ion Ratio Lower Upper

163 100

194 4.7 4.2 6.2

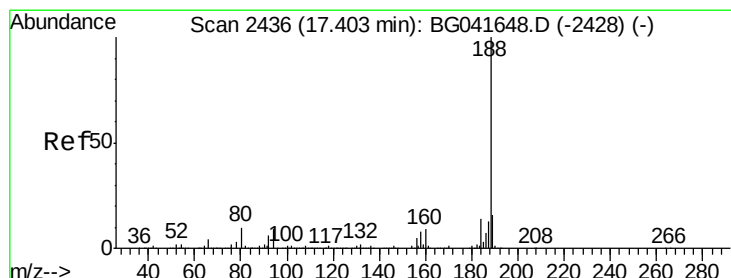
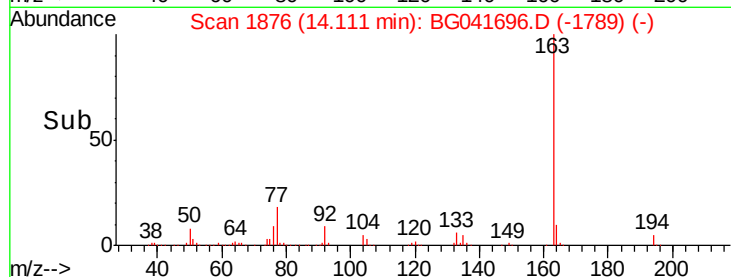
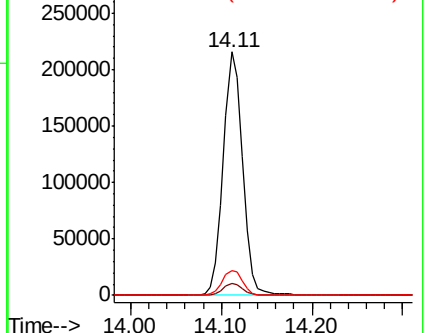
164 10.3 9.4 14.2



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: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG041696.D

Acq: 17 Jul 2019 20:21

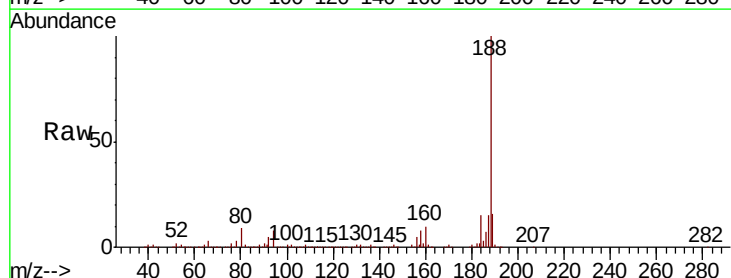
Tgt Ion:188 Resp: 624577

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

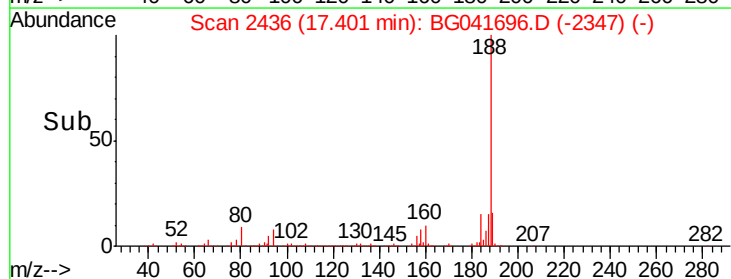
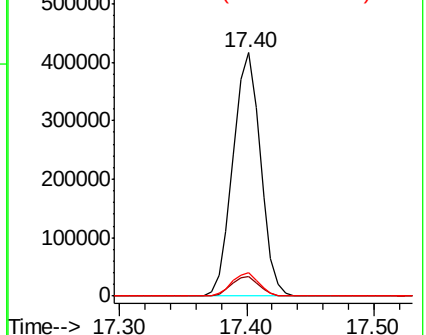
80 9.5 8.0 12.0

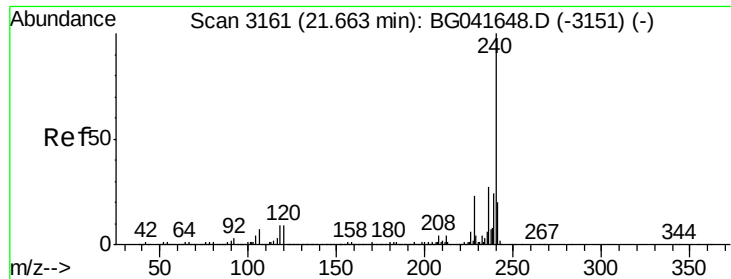


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

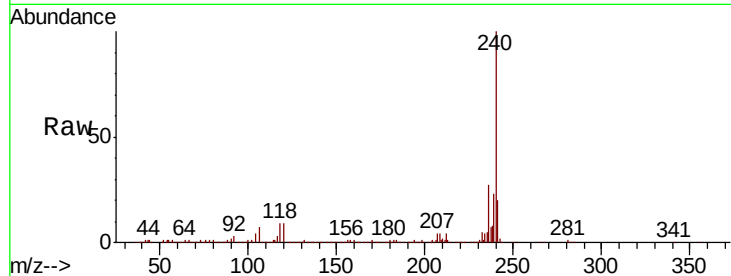




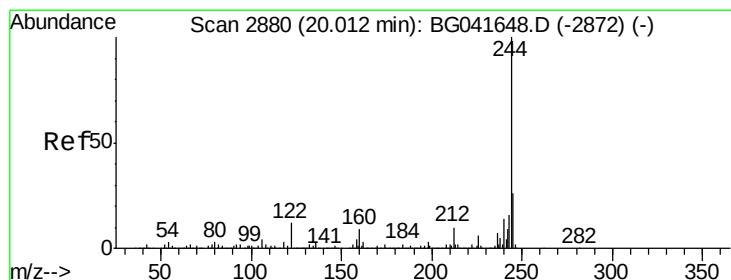
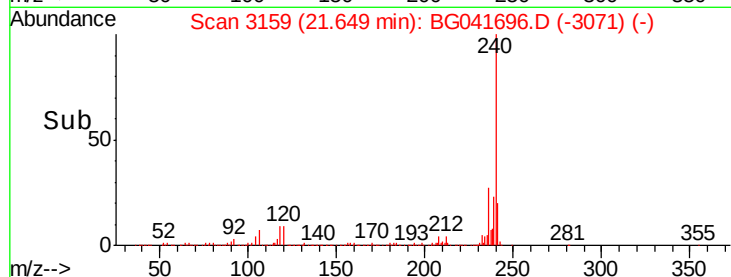
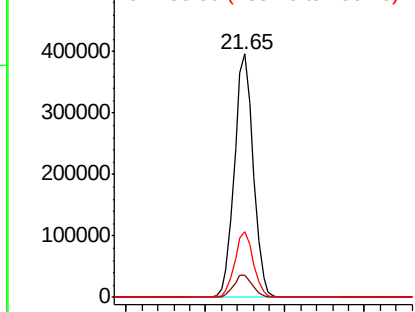
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.65 min Scan# 3159  
Delta R.T. -0.01 min  
Lab File: BG041696.D  
Acq: 17 Jul 2019 20:21

Instrument :  
BNA\_G  
ClientSampleId :  
SB-1(7-9)

Tot Ion:240 Resp: 651249  
Ion Ratio Lower Upper  
240 100  
120 9.2 8.0 12.0  
236 27.1 22.6 33.8

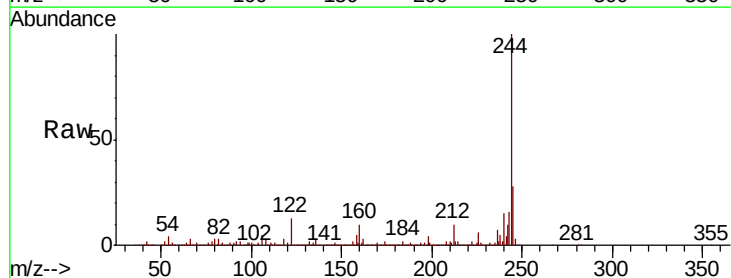


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

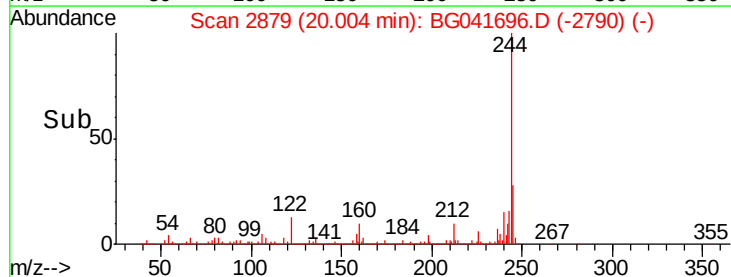
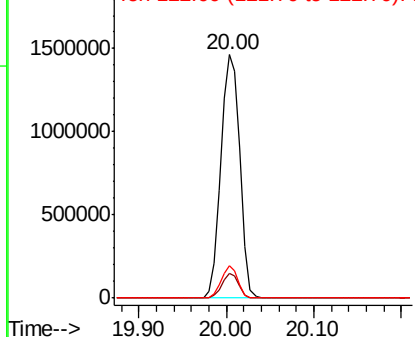


#79  
Terphenyl-d14  
Concen: 78.971 ng  
RT: 20.00 min Scan# 2879  
Delta R.T. -0.01 min  
Lab File: BG041696.D  
Acq: 17 Jul 2019 20:21

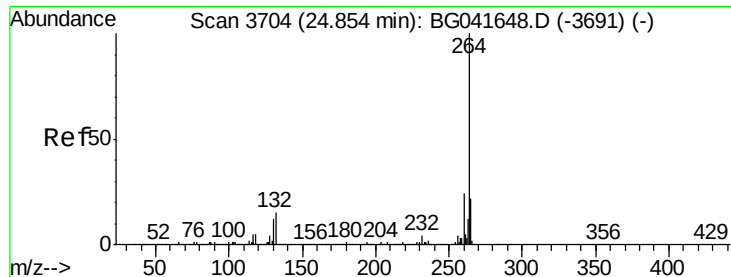
Tgt Ion:244 Resp: 2200785  
Ion Ratio Lower Upper  
244 100  
212 10.2 9.7 14.5  
122 13.1 12.5 18.7



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: 24.85 min Scan# 3703  
Delta R.T. -0.02 min  
Lab File: BG041696.D  
Acq: 17 Jul 2019 20:21

Instrument :  
BNA\_G  
ClientSampleId :  
SB-1(7-9)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.5  | 29.3  |
| 265     | 22.1  | 18.0  | 27.0  |

