

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073119\  
 Data File : BG041845.D  
 Acq On : 31 Jul 2019 22:41  
 Operator : HP/JU  
 Sample : K4024-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-8

Quant Time: Aug 01 03:47:22 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 31 08:57:26 2019  
 Response via : Initial Calibration

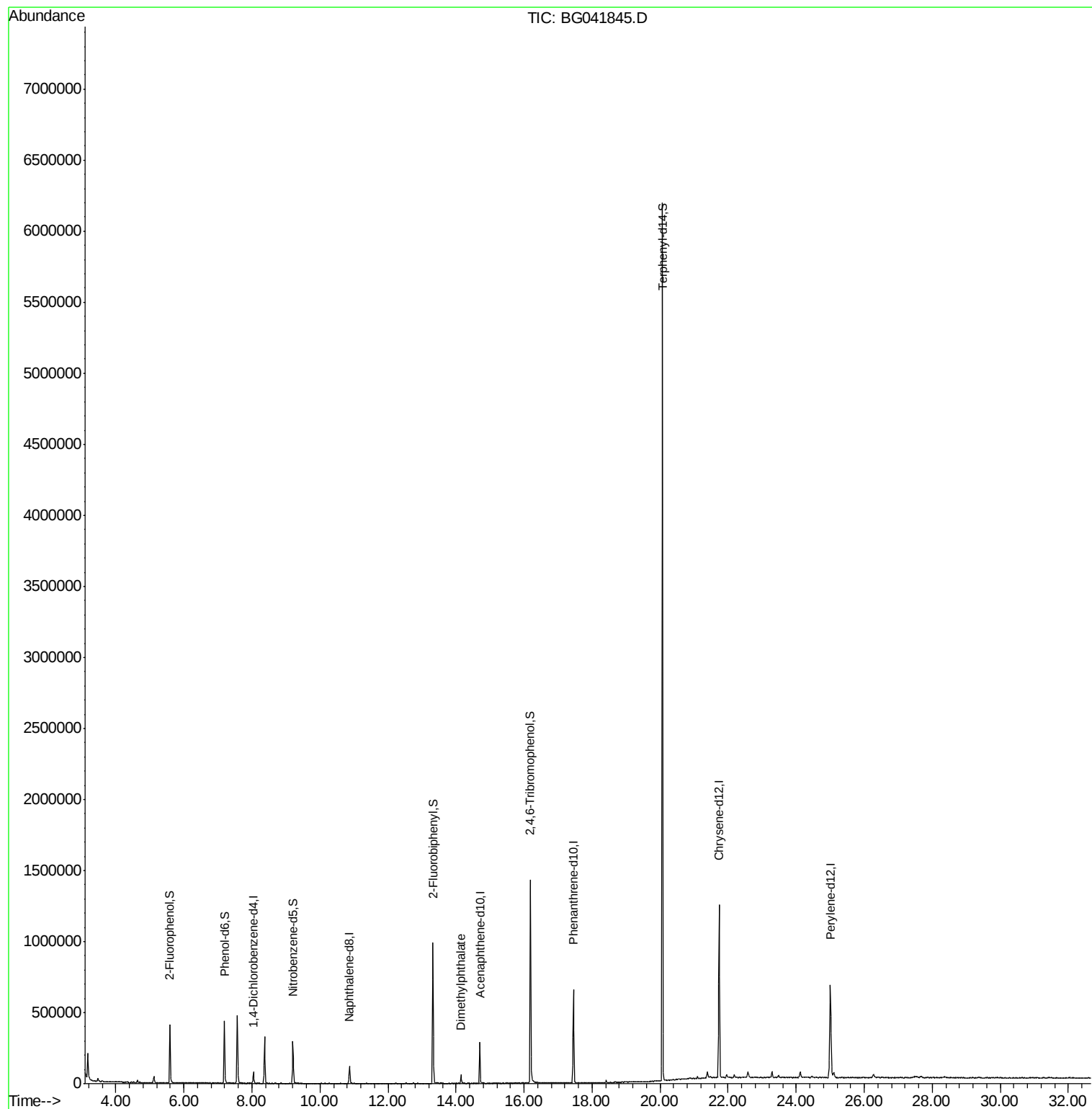
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.04  | 152  | 25338    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.87 | 136  | 116163   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.70 | 164  | 106906   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.45 | 188  | 436354   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.73 | 240  | 730984   | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 25.00 | 264  | 768226   | 20.00  | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.59  | 112  | 205240   | 157.60 | ng    | 0.00      |
| 7) Phenol-d6                | 7.19  | 99   | 280592   | 159.82 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.20  | 82   | 185242   | 109.74 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.19 | 330  | 316897   | 260.97 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.32 | 172  | 570146   | 94.06  | ng    | -0.01     |
| 79) Terphenyl-d14           | 20.07 | 244  | 2767624  | 86.64  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 14.15 | 163  | 49045    | 6.717  | ng    | Qvalue 96 |

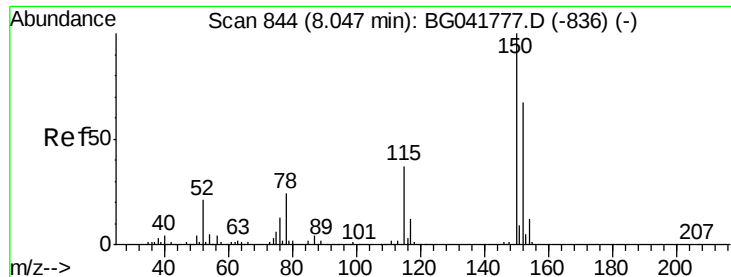
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073119\  
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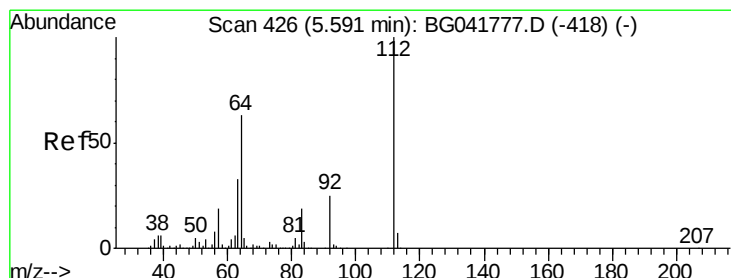
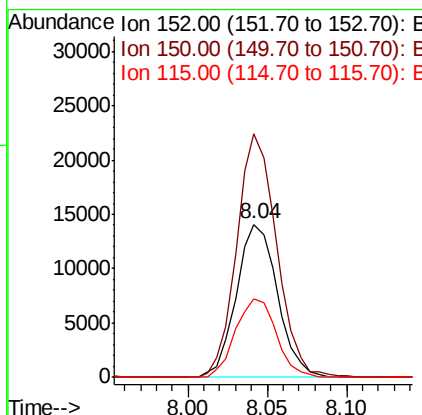
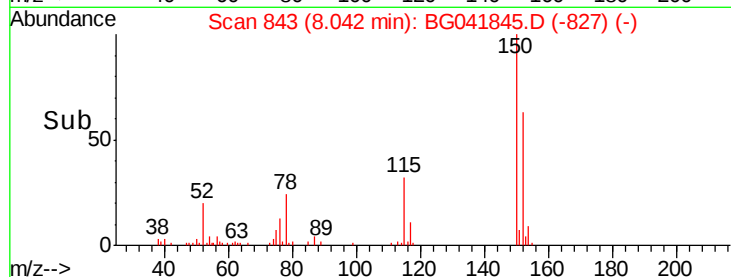
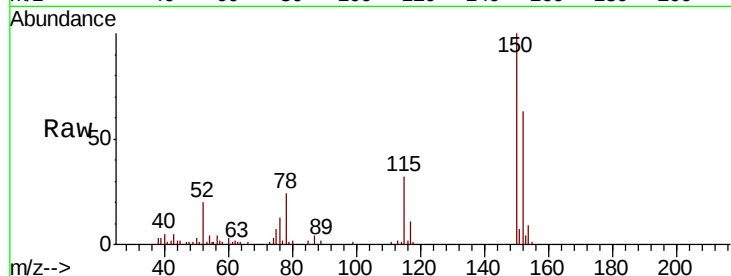


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.04 min Scan# 843  
Delta R.T. -0.01 min  
Lab File: BG041845.D  
Acq: 31 Jul 2019 22:41

Instrument :  
BNA\_G  
ClientSampleId :  
TP-8

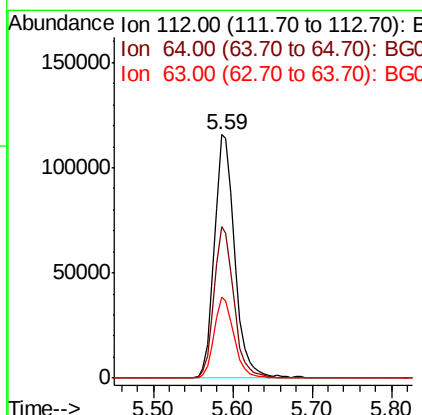
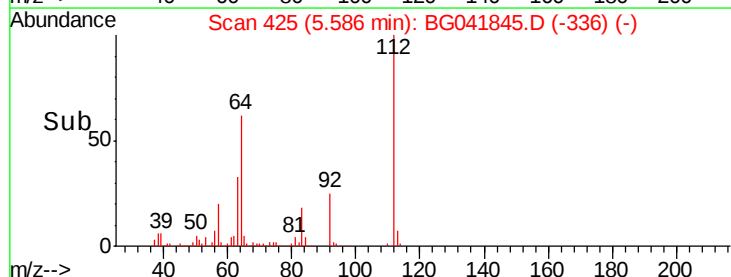
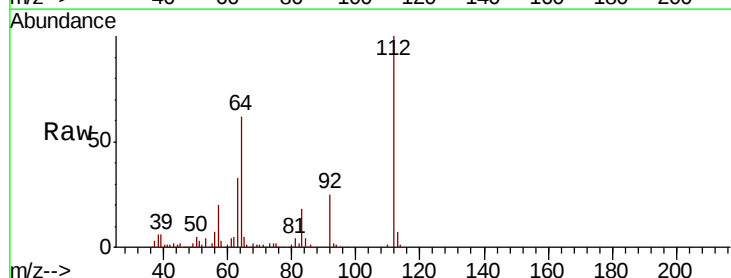
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.2 | 126.9 | 190.3 |
| 115     | 51.2  | 45.0  | 67.6  |

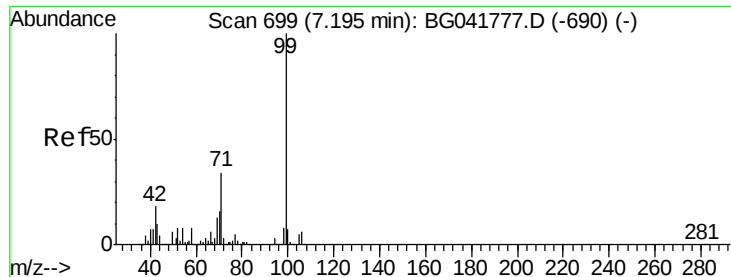


#5

2-Fluorophenol  
Concen: 157.597 ng  
RT: 5.59 min Scan# 425  
Delta R.T. -0.00 min  
Lab File: BG041845.D  
Acq: 31 Jul 2019 22:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 62.0  | 55.4  | 83.2  |
| 63      | 33.1  | 29.1  | 43.7  |





#7

Phenol-d6

Concen: 159.816 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041845.D

Acq: 31 Jul 2019 22:41

Instrument :

BNA\_G

ClientSampleId :

TP-8

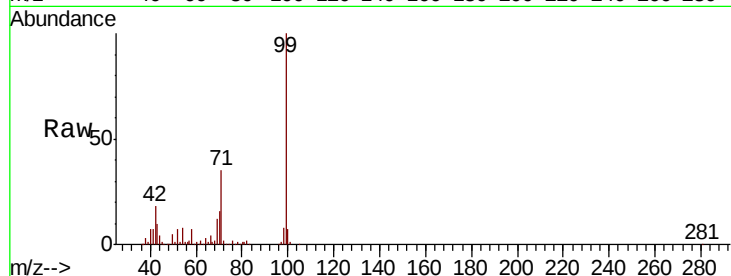
Tot Ion: 99 Resp: 280592

Ion Ratio Lower Upper

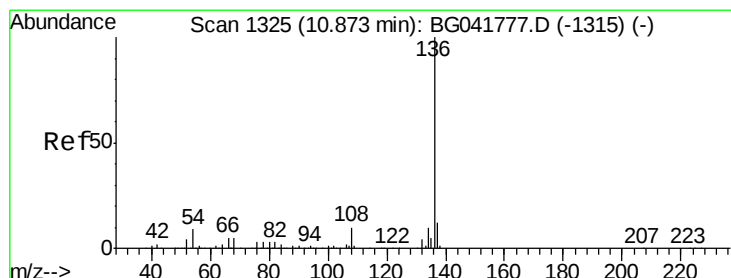
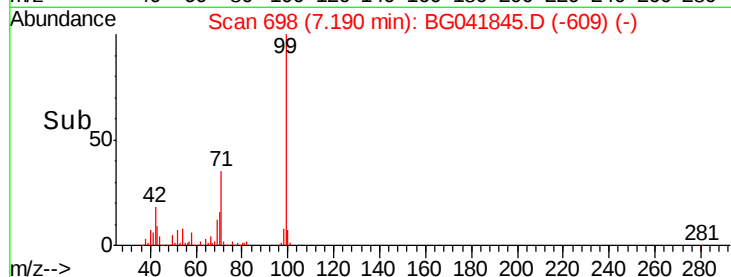
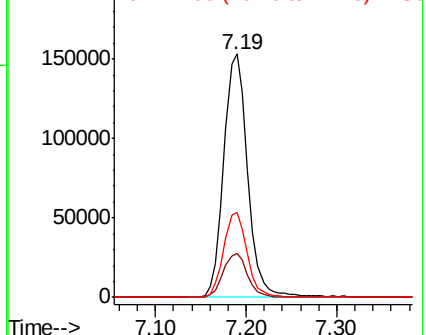
99 100

42 17.8 17.6 26.4

71 34.7 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: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG041845.D

Acq: 31 Jul 2019 22:41

Tgt Ion: 136 Resp: 116163

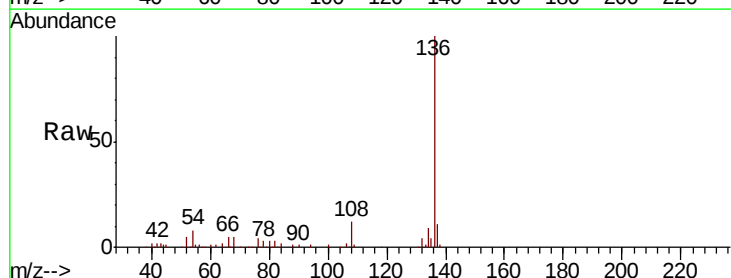
Ion Ratio Lower Upper

136 100

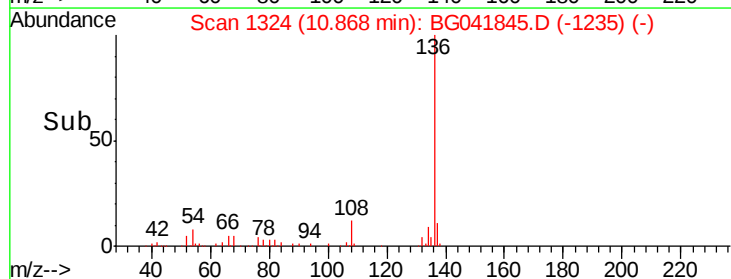
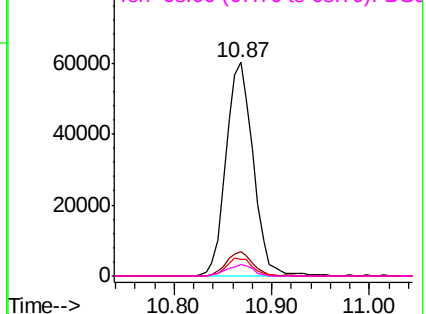
137 11.2 9.2 13.8

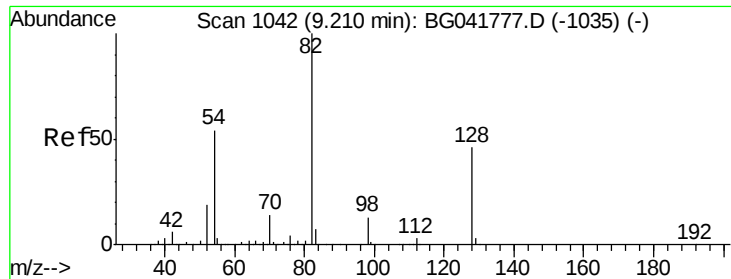
54 7.7 8.7 13.1#

68 5.2 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

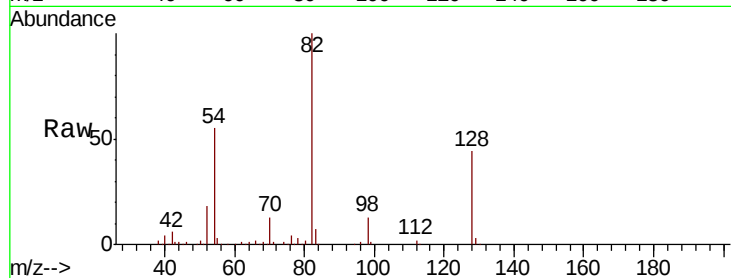




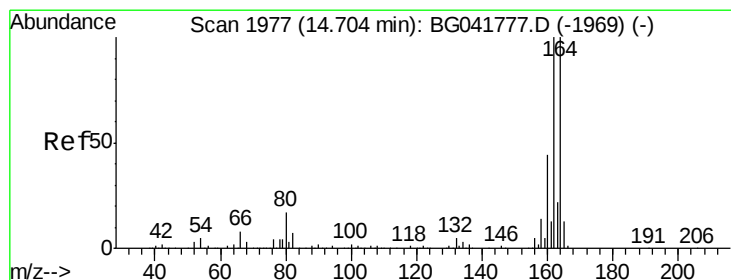
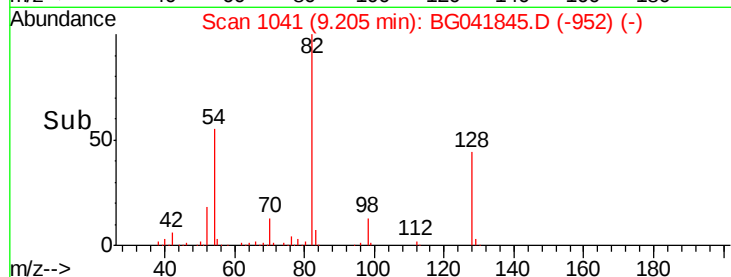
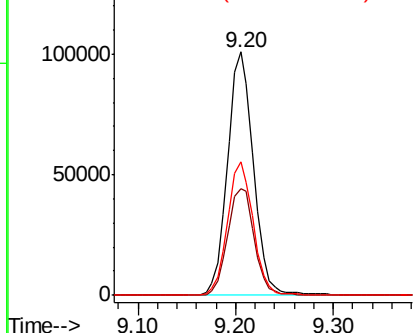
#23  
Nitrobenzene-d5  
Concen: 109.739 ng  
RT: 9.20 min Scan# 1041  
Delta R.T. -0.00 min  
Lab File: BG041845.D  
Acq: 31 Jul 2019 22:41

Instrument :  
BNA\_G  
ClientSampleId :  
TP-8

Tot Ion: 82 Resp: 185242  
Ion Ratio Lower Upper  
82 100  
128 44.1 35.1 52.7  
54 54.8 48.7 73.1

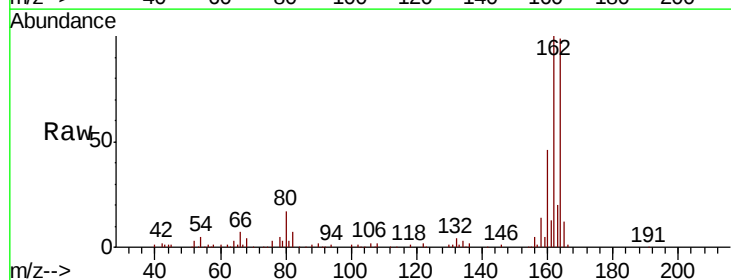


Abundance Ion 82.00 (81.70 to 82.70): BG  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BG

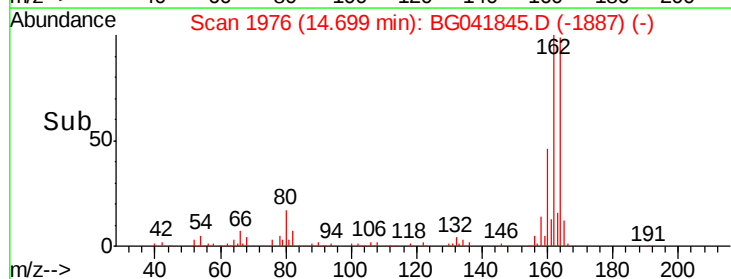
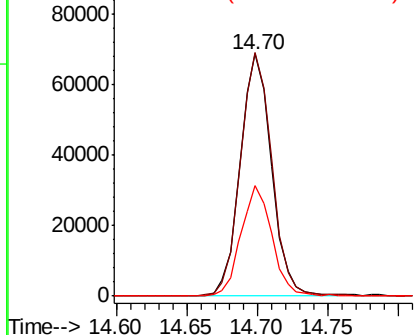


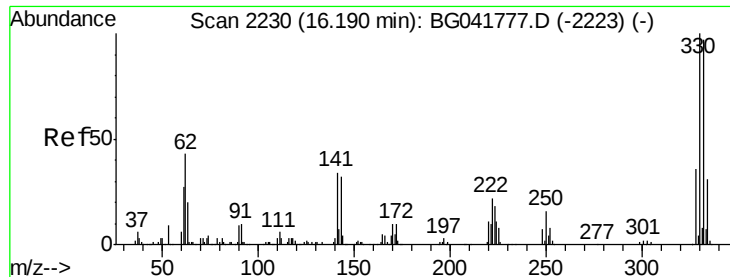
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.70 min Scan# 1976  
Delta R.T. -0.01 min  
Lab File: BG041845.D  
Acq: 31 Jul 2019 22:41

Tgt Ion:164 Resp: 106906  
Ion Ratio Lower Upper  
164 100  
162 100.7 79.6 119.4  
160 45.9 35.4 53.0



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





#42

2,4,6-Tribromophenol

Concen: 260.970 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG041845.D

Acq: 31 Jul 2019 22:41

Instrument :

BNA\_G

ClientSampled :

TP-8

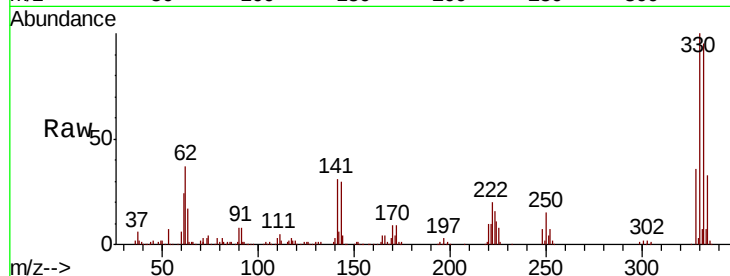
Tot Ion:330 Resp: 316897

Ion Ratio Lower Upper

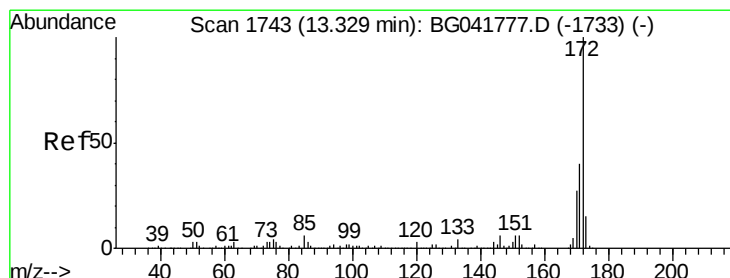
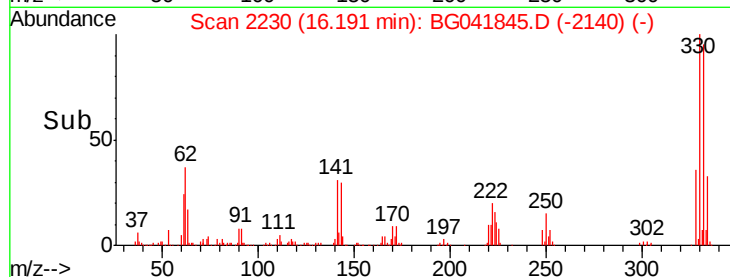
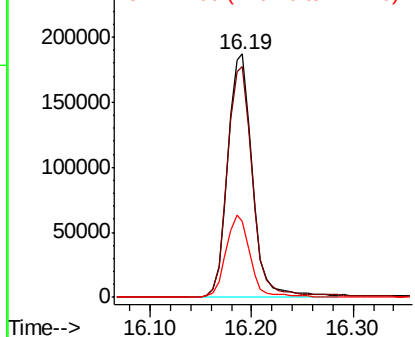
330 100

332 98.0 77.4 116.0

141 33.2 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: 94.062 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BG041845.D

Acq: 31 Jul 2019 22:41

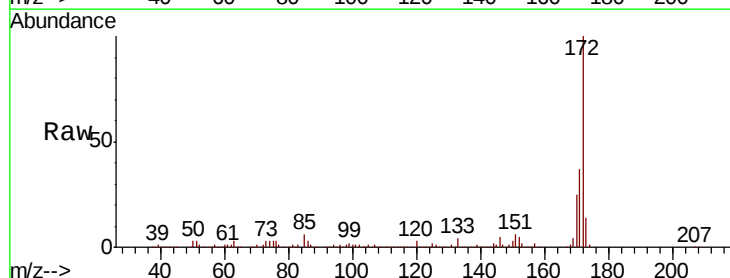
Tgt Ion:172 Resp: 570146

Ion Ratio Lower Upper

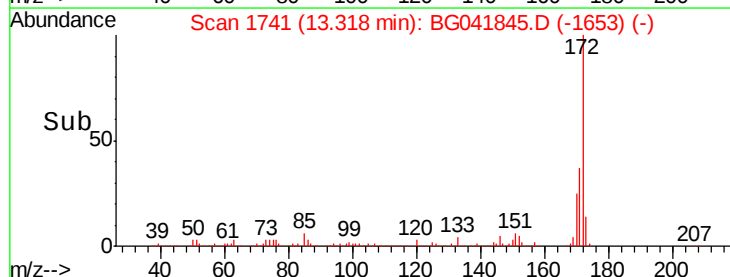
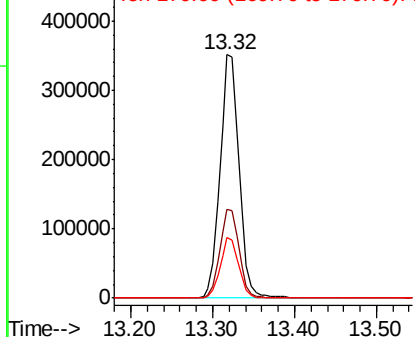
172 100

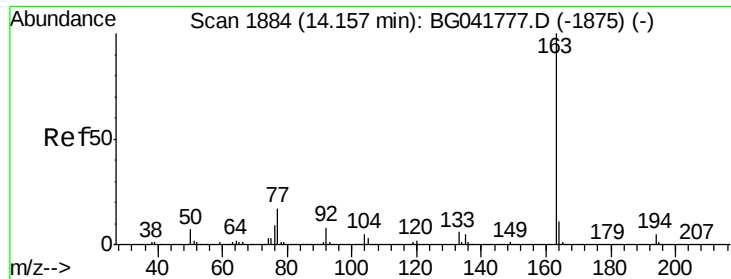
171 36.7 35.0 52.4

170 24.8 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: 6.717 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG041845.D

Acq: 31 Jul 2019 22:41

Instrument :

BNA\_G

ClientSampleId :

TP-8

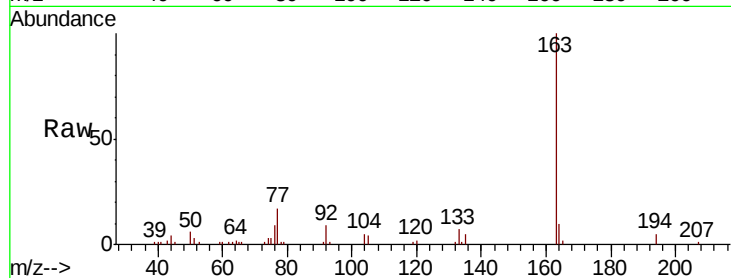
Tot Ion:163 Resp: 49045

Ion Ratio Lower Upper

163 100

194 4.6 4.2 6.2

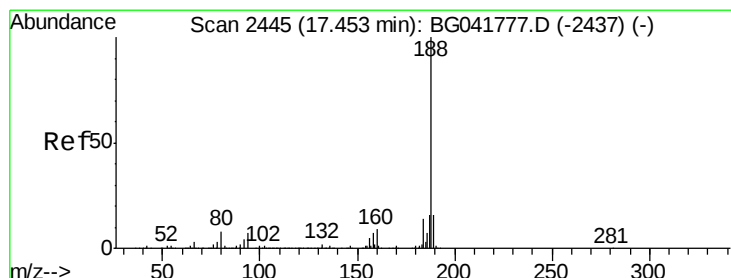
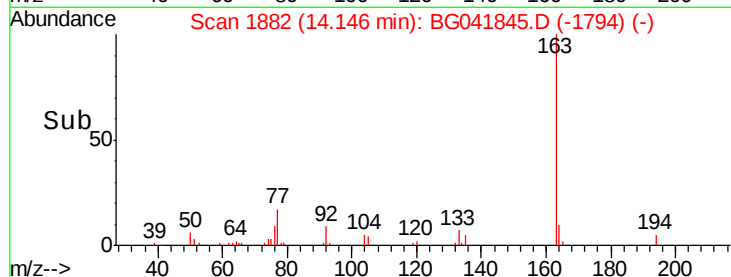
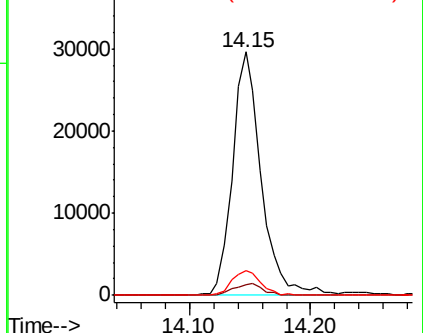
164 10.0 9.4 14.2



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: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG041845.D

Acq: 31 Jul 2019 22:41

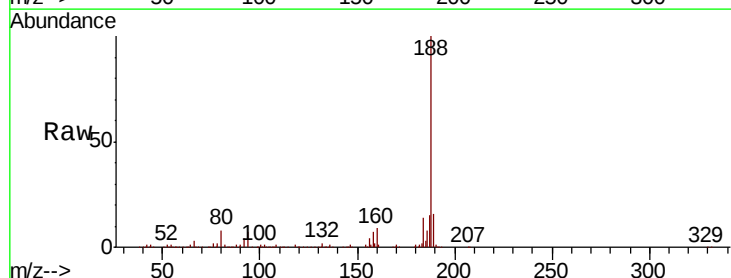
Tgt Ion:188 Resp: 436354

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

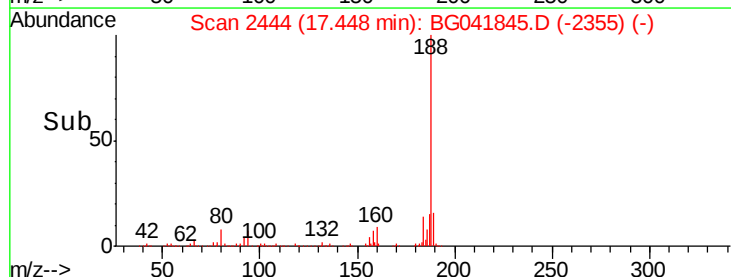
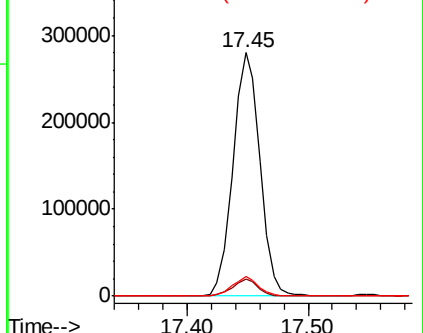
80 7.8 8.0 12.0#

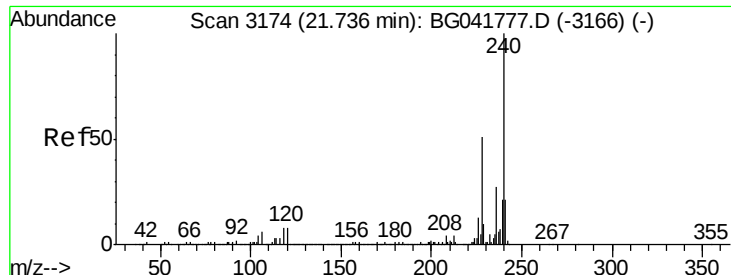


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG041845.D

Acq: 31 Jul 2019 22:41

Instrument :

BNA\_G

ClientSampleId :

TP-8

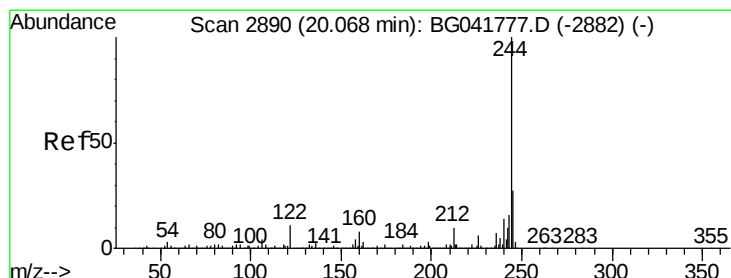
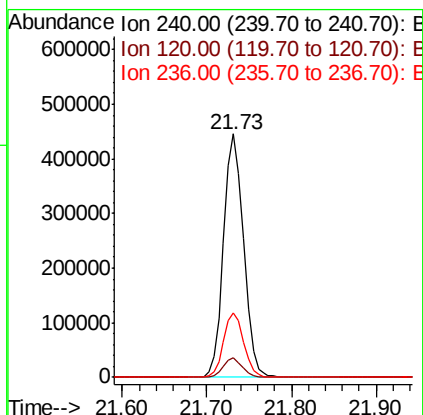
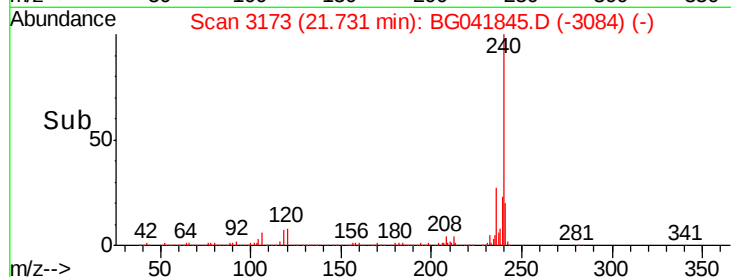
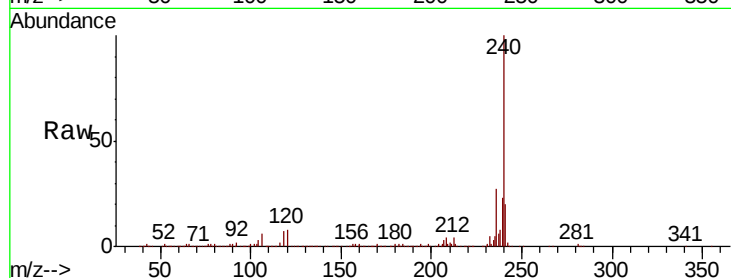
Tot Ion:240 Resp: 730984

Ion Ratio Lower Upper

240 100

120 7.8 8.0 12.0#

236 26.7 22.6 33.8



#79

Terphenyl-d14

Concen: 86.637 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041845.D

Acq: 31 Jul 2019 22:41

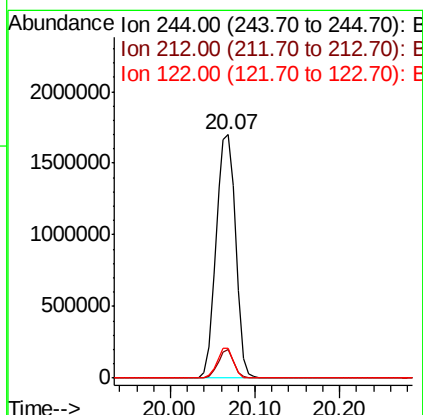
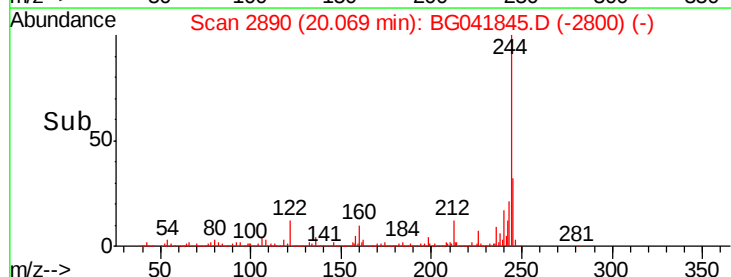
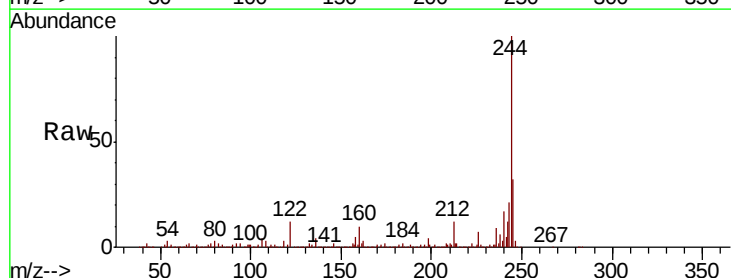
Tgt Ion:244 Resp: 2767624

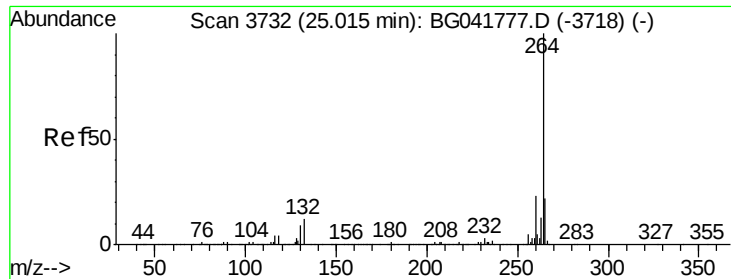
Ion Ratio Lower Upper

244 100

212 11.7 9.7 14.5

122 12.3 12.5 18.7#





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 25.00 min Scan# 3730  
Delta R.T. -0.01 min  
Lab File: BG041845.D  
Acq: 31 Jul 2019 22:41

Instrument :  
BNA\_G  
ClientSampleId :  
TP-8

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 19.5  | 29.3  |
| 265     | 22.5  | 18.0  | 27.0  |

