

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\  
 Data File : BG045644.D  
 Acq On : 8 Jun 2020 16:15  
 Operator : CG/JU  
 Sample : L2903-02  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-3

Quant Time: Jun 08 17:10:05 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 01 15:07:00 2020  
 Response via : Initial Calibration

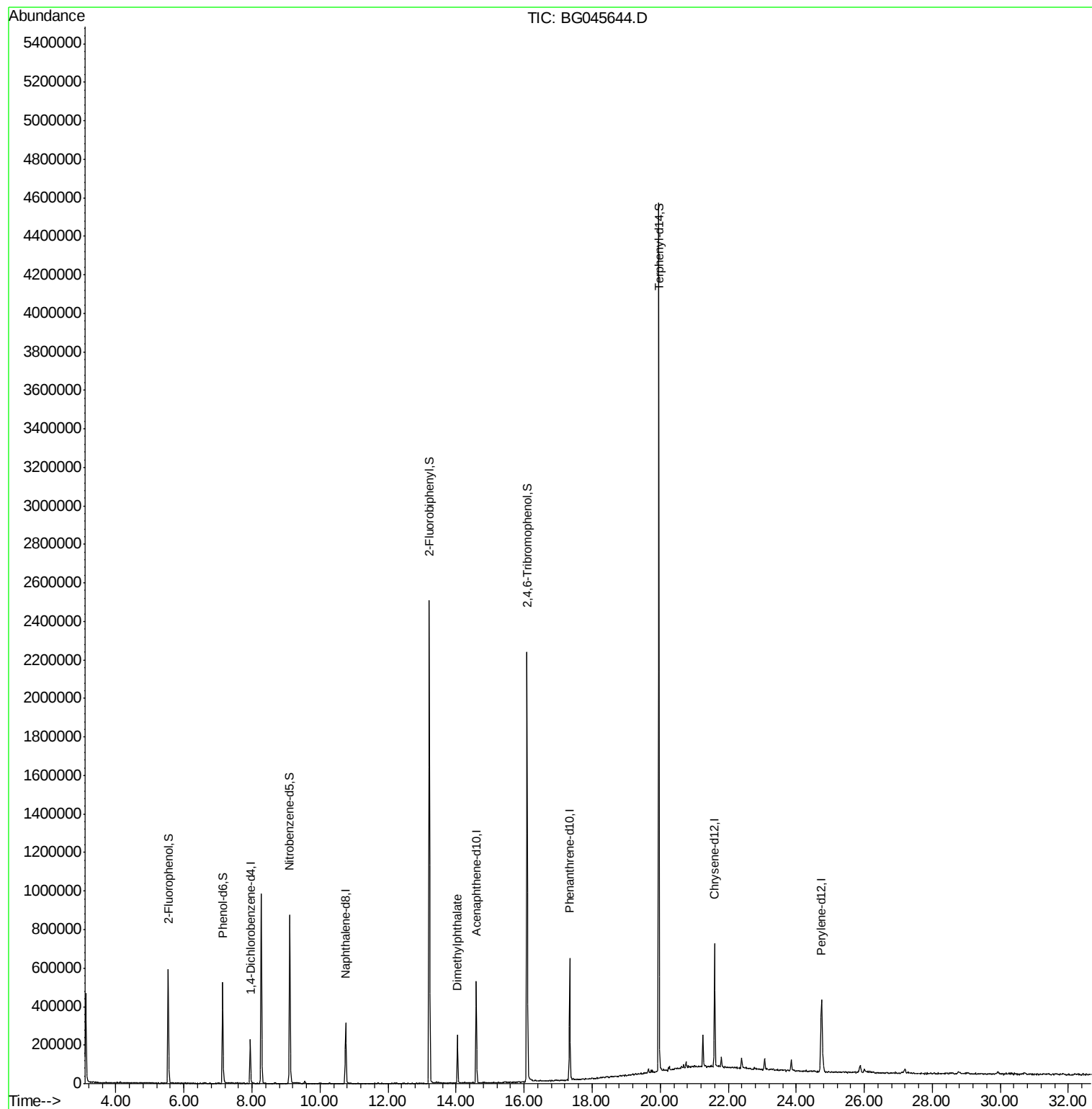
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.95  | 152  | 71640    | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 10.75 | 136  | 280927   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 14.59 | 164  | 193501   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 17.34 | 188  | 429641   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 21.60 | 240  | 417899   | 20.00  | ng    | 0.00         |
| 87) Perylene-d12            | 24.75 | 264  | 448175   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.54  | 112  | 301196   | 82.16  | ng    | 0.00         |
| 7) Phenol-d6                | 7.14  | 99   | 353691   | 67.79  | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 9.11  | 82   | 605522   | 117.54 | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 16.09 | 330  | 458352   | 185.22 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 13.22 | 172  | 1378354  | 120.82 | ng    | 0.00         |
| 79) Terphenyl-d14           | 19.96 | 244  | 2159259  | 120.51 | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 14.04 | 163  | 171586   | 12.926 | ng    | Qvalue<br>99 |

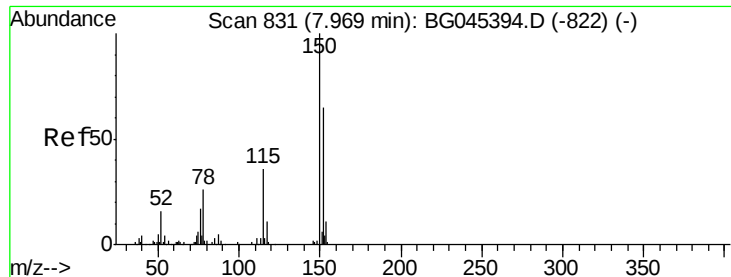
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW-3

Quant Time: Jun 08 17:10:05 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 01 15:07:00 2020  
Response via : Initial Calibration



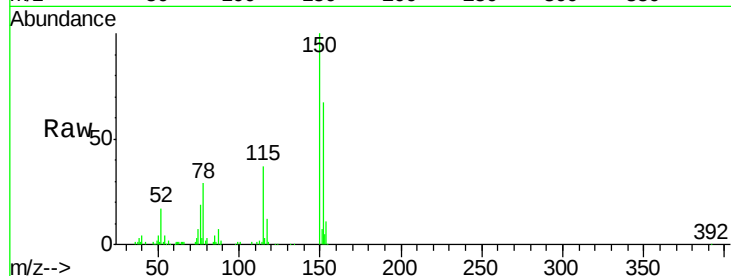


#1

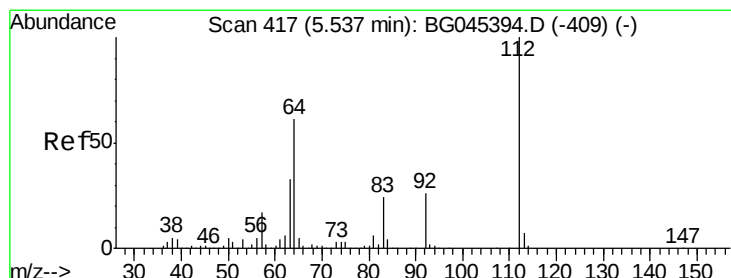
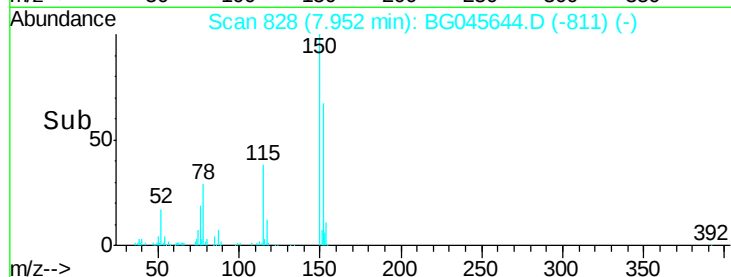
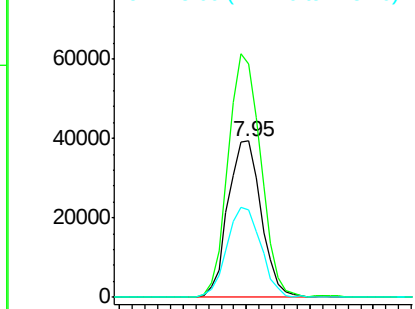
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.95 min Scan# 828  
Delta R.T. 0.00 min  
Lab File: BG045644.D  
Acq: 8 Jun 2020 16:15

Instrument :  
BNA\_G  
ClientSampleId :  
MW-3

Tot Ion:152 Resp: 71640  
Ion Ratio Lower Upper  
152 100  
150 149.4 122.4 183.6  
115 56.0 44.2 66.4



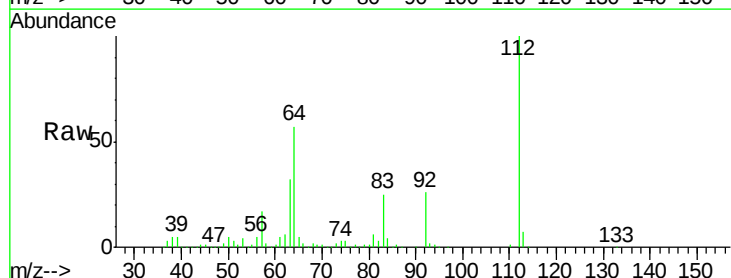
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



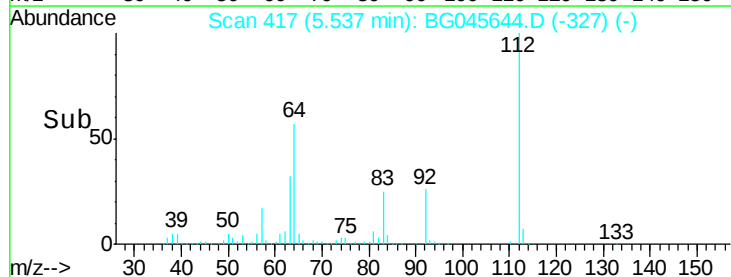
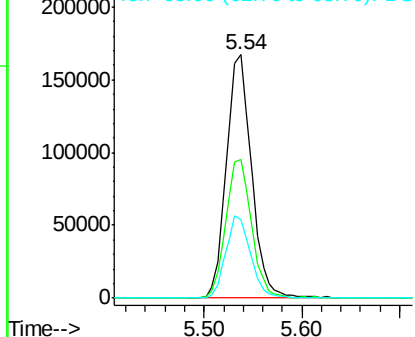
#5

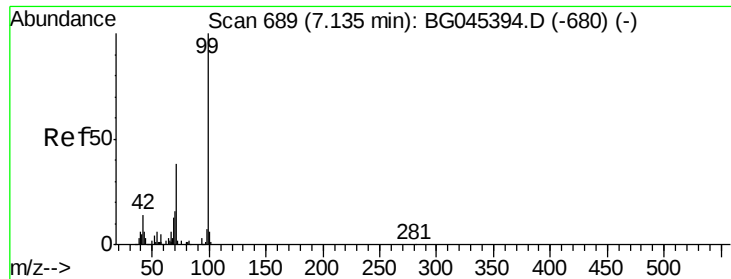
2-Fluorophenol  
Concen: 82.164 ng  
RT: 5.54 min Scan# 417  
Delta R.T. 0.00 min  
Lab File: BG045644.D  
Acq: 8 Jun 2020 16:15

Tgt Ion:112 Resp: 301196  
Ion Ratio Lower Upper  
112 100  
64 57.2 48.6 72.8  
63 32.2 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 67.790 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045644.D

Acq: 8 Jun 2020 16:15

Instrument :

BNA\_G

ClientSampleId :

MW-3

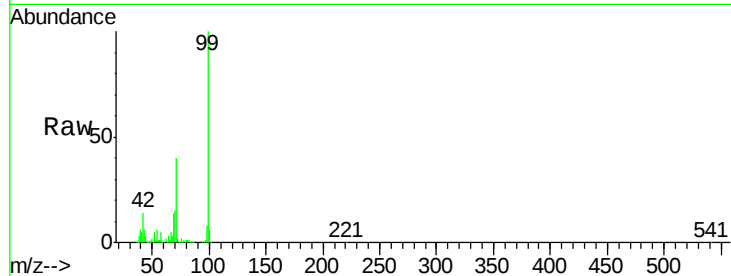
Tot Ion: 99 Resp: 353691

Ion Ratio Lower Upper

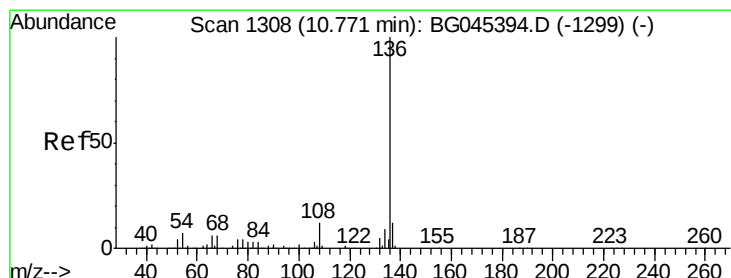
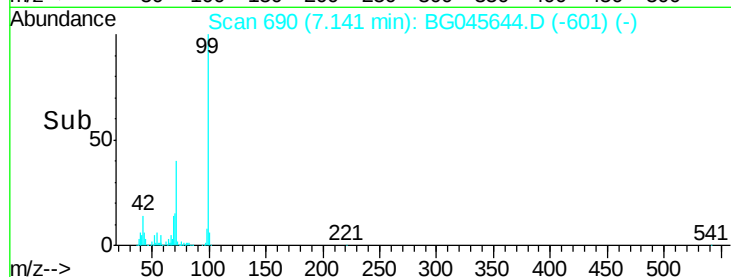
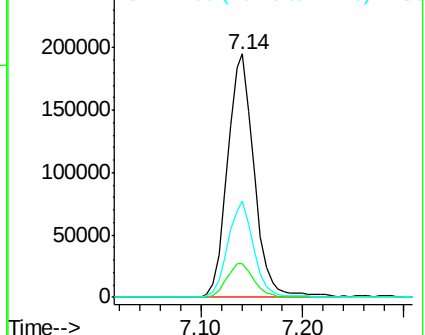
99 100

42 14.0 11.3 16.9

71 39.6 30.8 46.2



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: 10.75 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG045644.D

Acq: 8 Jun 2020 16:15

Tgt Ion: 136 Resp: 280927

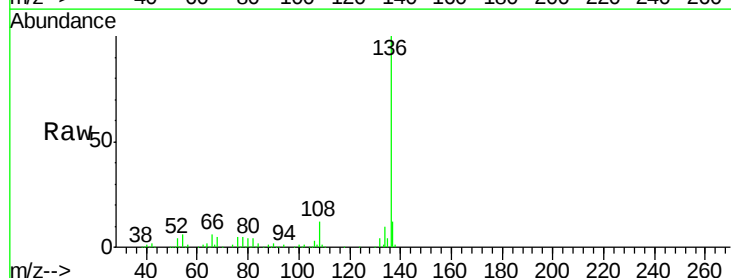
Ion Ratio Lower Upper

136 100

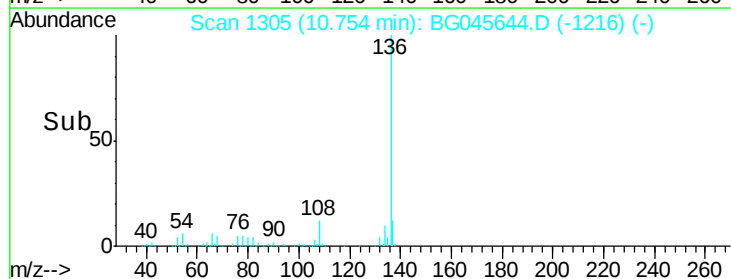
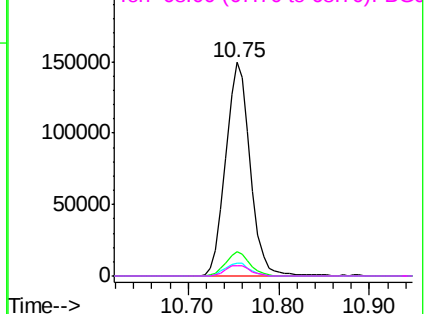
137 11.6 9.4 14.2

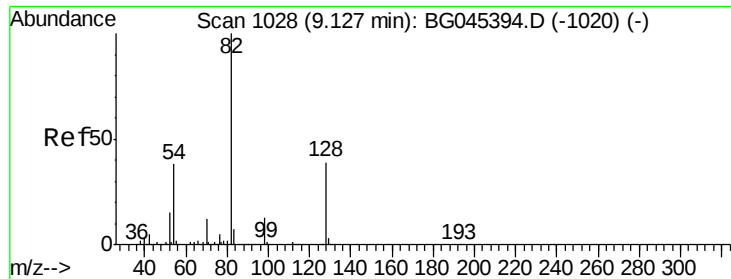
54 5.9 5.8 8.6

68 4.8 4.5 6.7



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

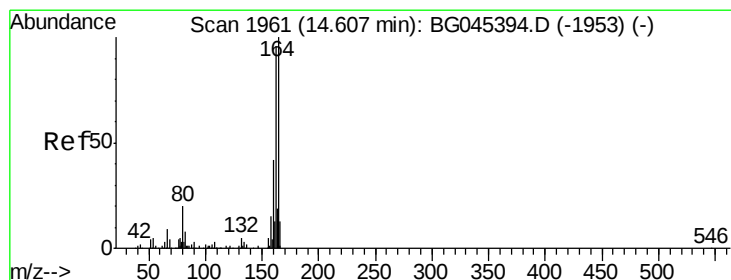
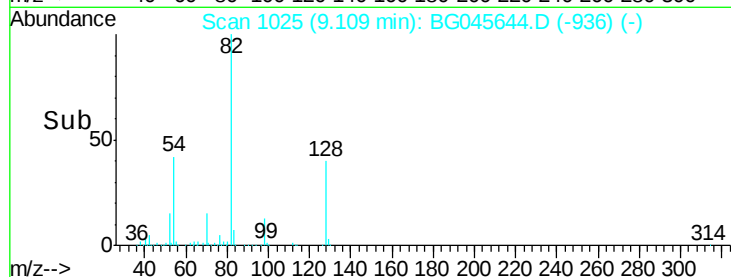
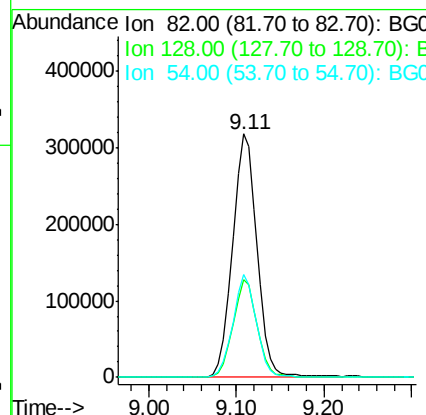
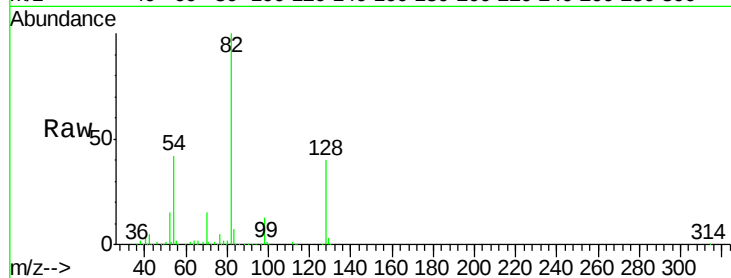




#23  
 Nitrobenzene-d5  
 Concen: 117.540 ng  
 RT: 9.11 min Scan# 1025  
 Delta R.T. -0.01 min  
 Lab File: BG045644.D  
 Acq: 8 Jun 2020 16:15

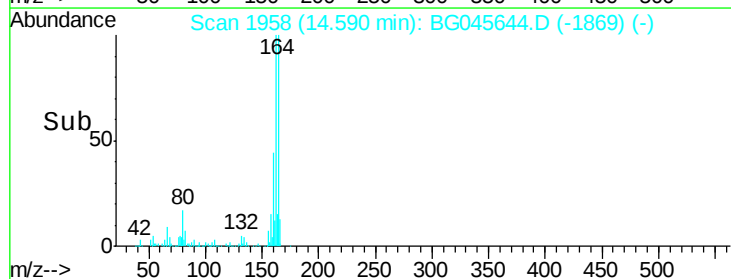
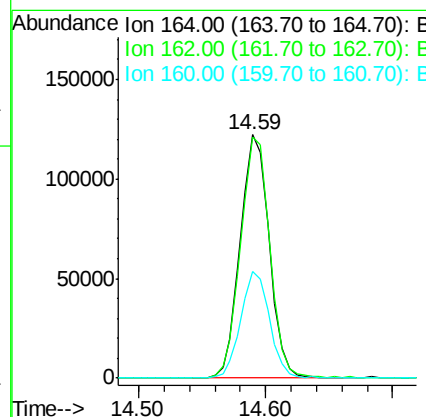
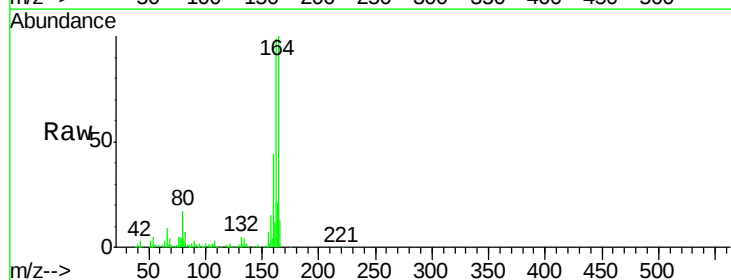
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-3

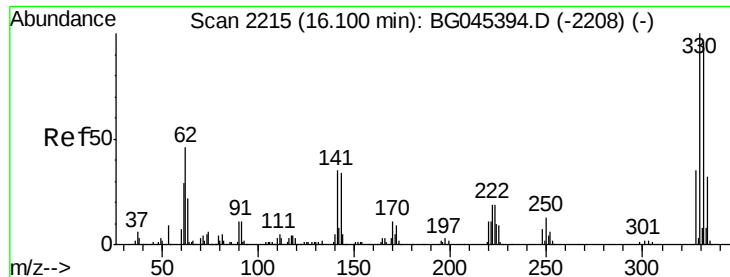
| Tot Ion | 82    | Resp  | 605522 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 82      | 100   |       |        |
| 128     | 40.3  | 30.9  | 46.3   |
| 54      | 42.0  | 30.3  | 45.5   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.59 min Scan# 1958  
 Delta R.T. -0.01 min  
 Lab File: BG045644.D  
 Acq: 8 Jun 2020 16:15

| Tgt Ion | 164   | Resp  | 193501 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 164     | 100   |       |        |
| 162     | 99.3  | 76.9  | 115.3  |
| 160     | 43.7  | 33.8  | 50.8   |





#42

2,4,6-Tribromophenol

Concen: 185.218 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BG045644.D

Acq: 8 Jun 2020 16:15

Instrument :

BNA\_G

ClientSampleId :

MW-3

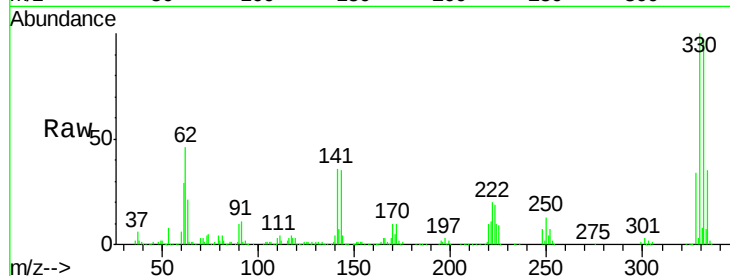
Tot Ion:330 Resp: 458352

Ion Ratio Lower Upper

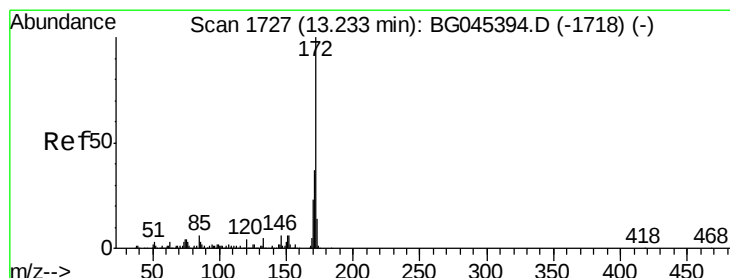
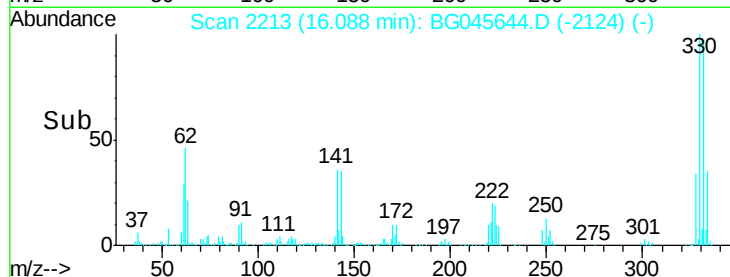
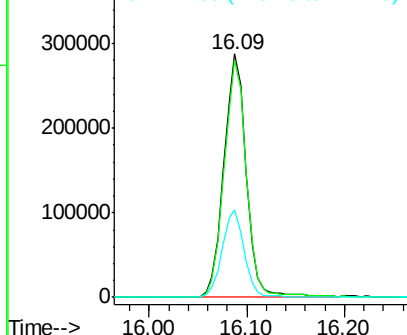
330 100

332 97.9 78.2 117.4

141 35.7 28.2 42.4



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: 120.825 ng

RT: 13.22 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BG045644.D

Acq: 8 Jun 2020 16:15

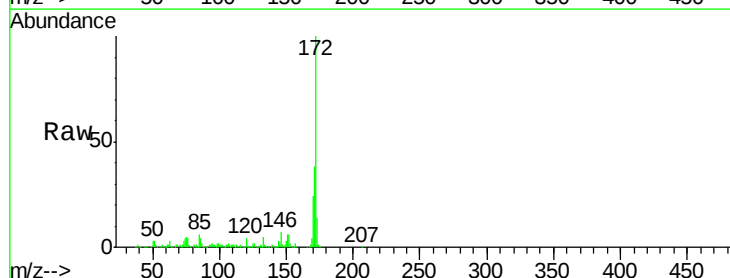
Tgt Ion:172 Resp: 1378354

Ion Ratio Lower Upper

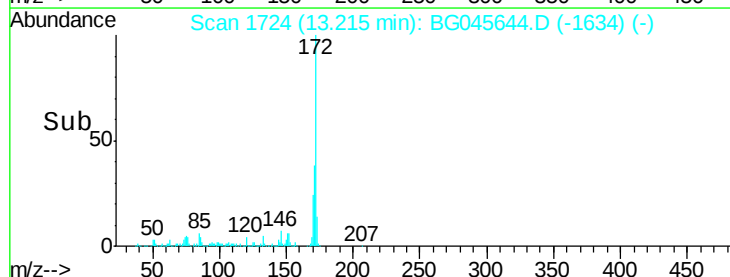
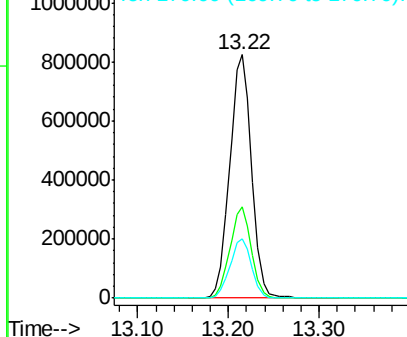
172 100

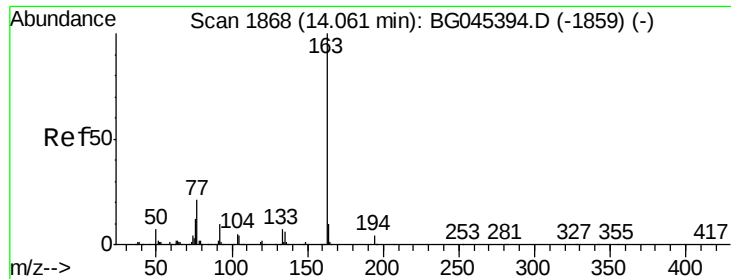
171 37.6 29.5 44.3

170 24.2 18.5 27.7



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: 12.926 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045644.D

Acq: 8 Jun 2020 16:15

Instrument :

BNA\_G

ClientSampled :

MW-3

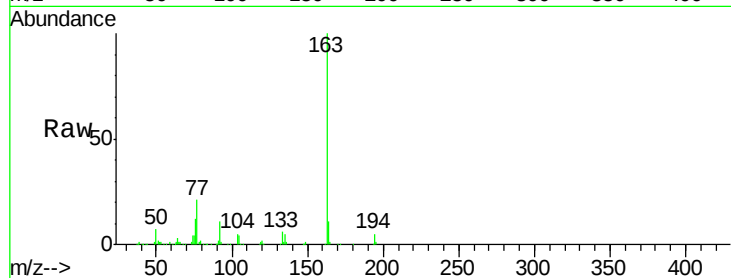
Tot Ion:163 Resp: 171586

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

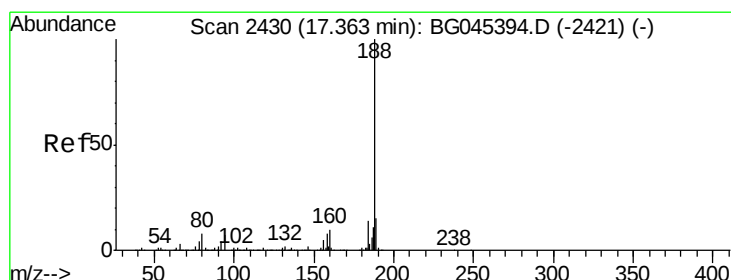
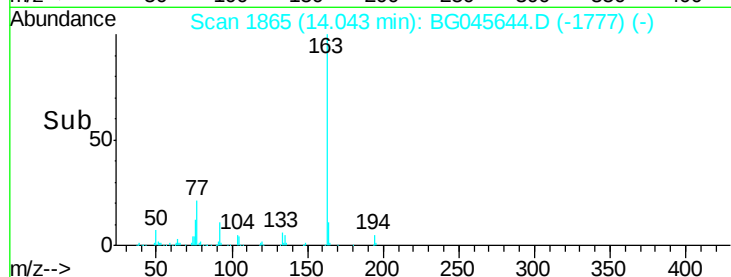
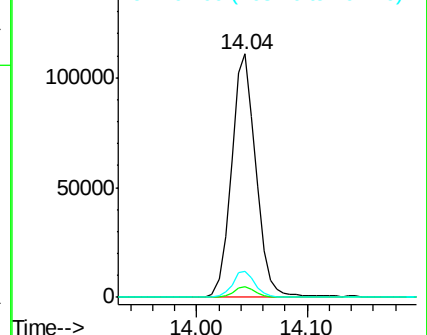
164 10.6 8.3 12.5



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: 17.34 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BG045644.D

Acq: 8 Jun 2020 16:15

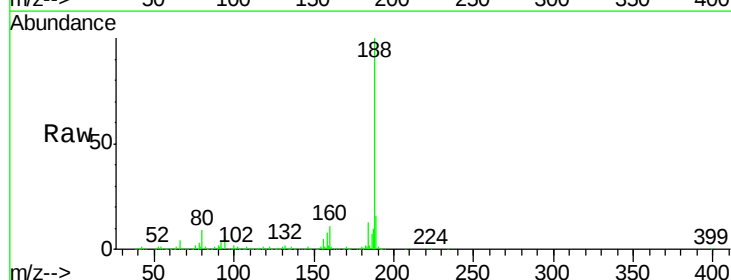
Tgt Ion:188 Resp: 429641

Ion Ratio Lower Upper

188 100

94 6.4 5.5 8.3

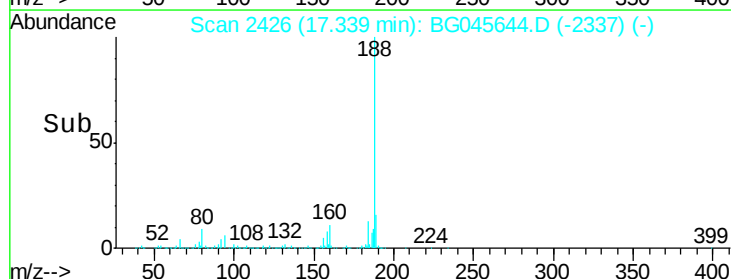
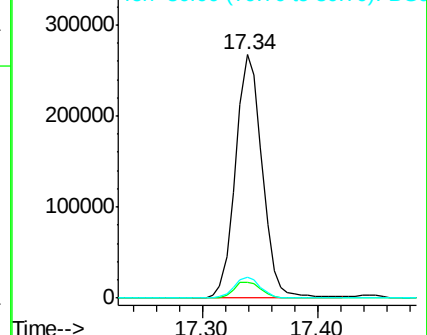
80 8.6 6.6 10.0

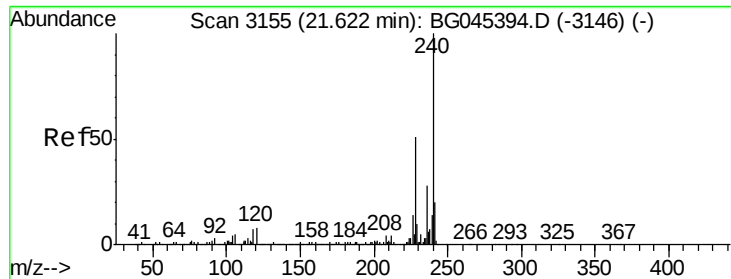


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

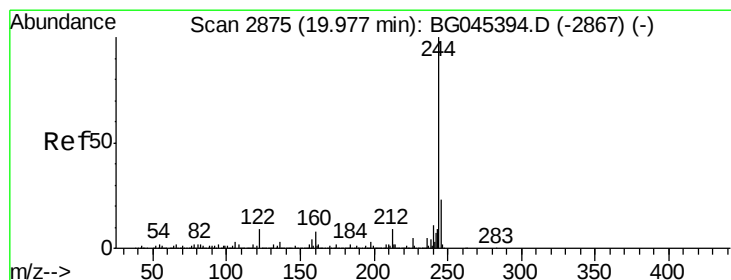
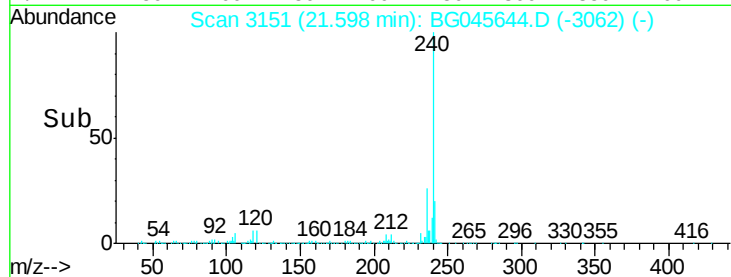
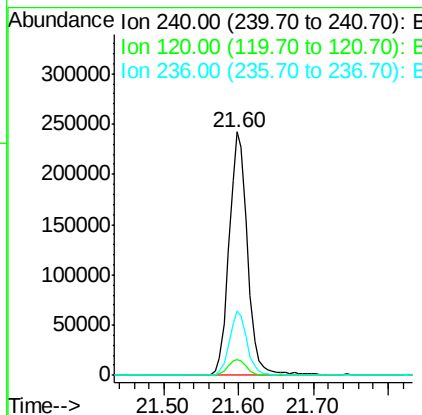
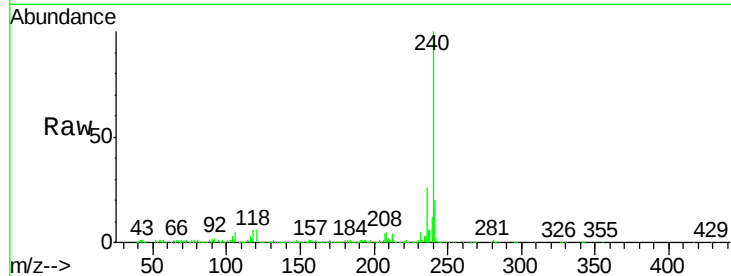




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.60 min Scan# 3151  
Delta R.T. -0.01 min  
Lab File: BG045644.D  
Acq: 8 Jun 2020 16:15

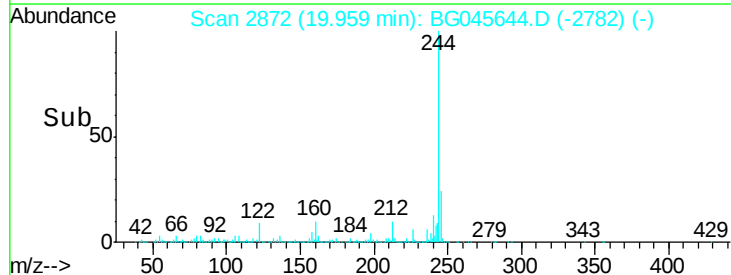
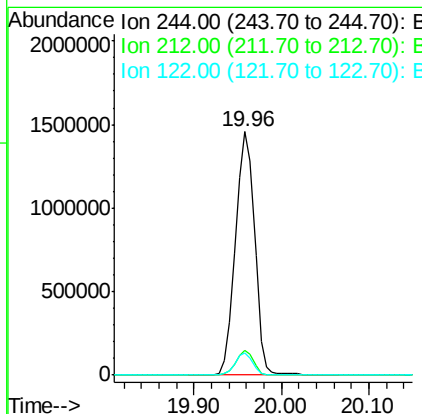
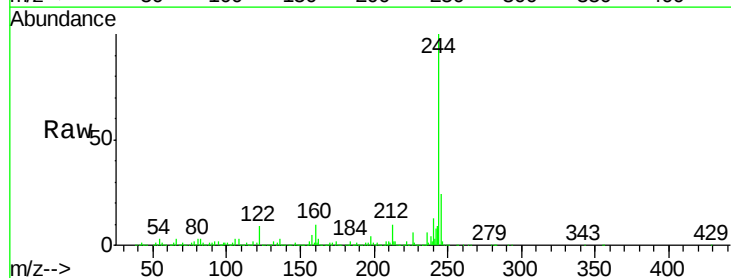
Instrument :  
BNA\_G  
ClientSampleId :  
MW-3

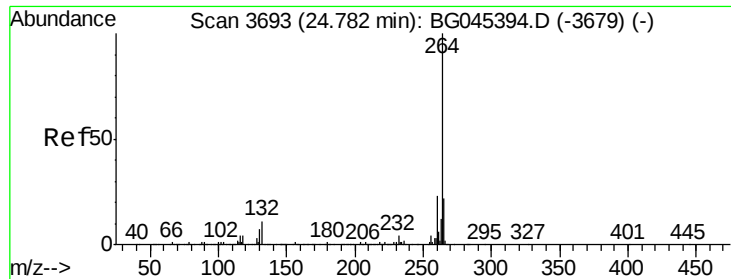
Tot Ion:240 Resp: 417899  
Ion Ratio Lower Upper  
240 100  
120 6.5 6.1 9.1  
236 26.4 22.3 33.5



#79  
Terphenyl-d14  
Concen: 120.508 ng  
RT: 19.96 min Scan# 2872  
Delta R.T. 0.00 min  
Lab File: BG045644.D  
Acq: 8 Jun 2020 16:15

Tgt Ion:244 Resp: 2159259  
Ion Ratio Lower Upper  
244 100  
212 10.3 7.4 11.0  
122 9.2 6.8 10.2





#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 24.75 min Scan# 3687  
 Delta R.T. -0.01 min  
 Lab File: BG045644.D  
 Acq: 8 Jun 2020 16:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-3

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.0  | 18.2  | 27.4  |
| 265     | 21.0  | 17.6  | 26.4  |

