

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\  
 Data File : BG045645.D  
 Acq On : 8 Jun 2020 16:55  
 Operator : CG/JU  
 Sample : L2904-10  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EB6420

Quant Time: Jun 08 18:32:13 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

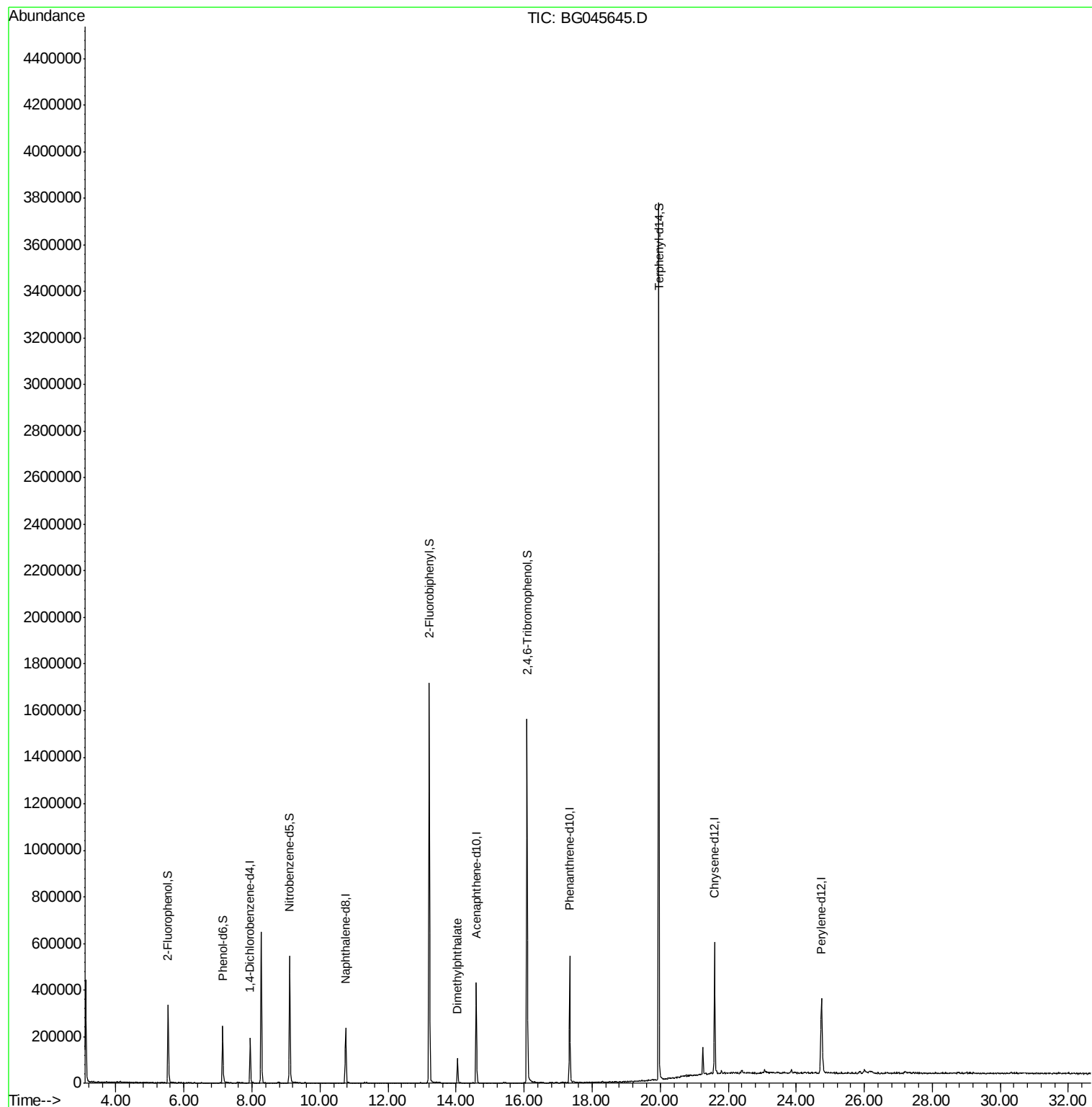
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.95  | 152  | 57900    | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 10.75 | 136  | 223490   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 14.59 | 164  | 159783   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 17.34 | 188  | 363693   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 21.60 | 240  | 365312   | 20.00  | ng    | 0.00         |
| 87) Perylene-d12            | 24.75 | 264  | 384185   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.53  | 112  | 168626   | 56.92  | ng    | 0.00         |
| 7) Phenol-d6                | 7.14  | 99   | 169876   | 40.29  | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 9.11  | 82   | 381425   | 93.07  | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 16.09 | 330  | 331582   | 162.27 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 13.22 | 172  | 969535   | 102.92 | ng    | 0.00         |
| 79) Terphenyl-d14           | 19.96 | 244  | 1876215  | 119.79 | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 14.04 | 163  | 74790    | 6.823  | ng    | Qvalue<br>98 |

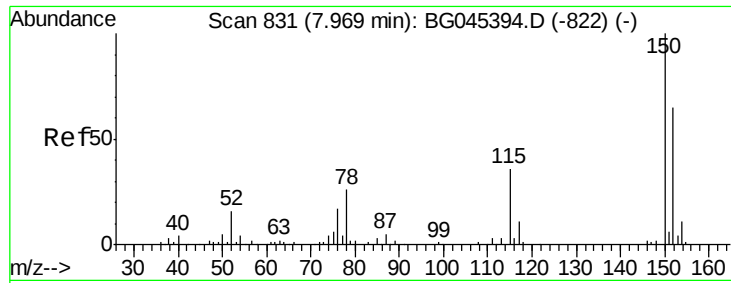
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\  
Data File : BG045645.D  
Acq On : 8 Jun 2020 16:55  
Operator : CG/JU  
Sample : L2904-10  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EB6420

Quant Time: Jun 08 18:32:13 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



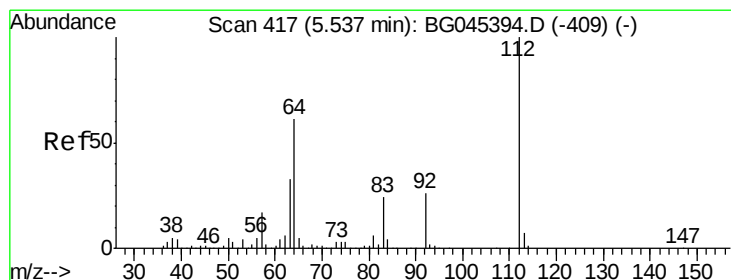
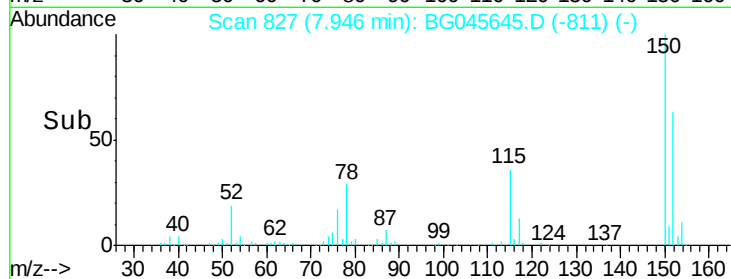
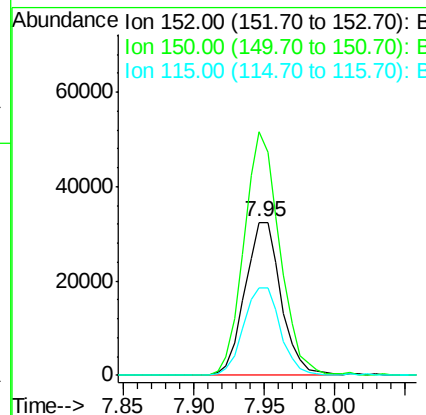
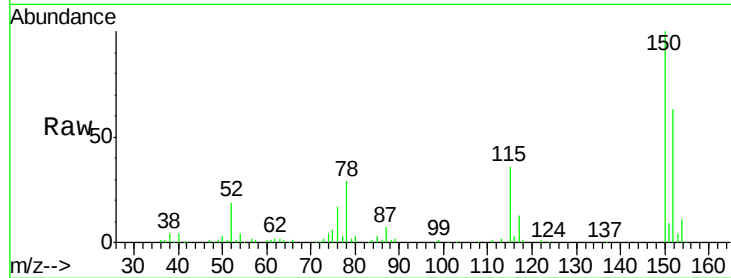


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.95 min Scan# 827  
Delta R.T. -0.01 min  
Lab File: BG045645.D  
Acq: 8 Jun 2020 16:55

Instrument :  
BNA\_G  
ClientSampleId :  
EB6420

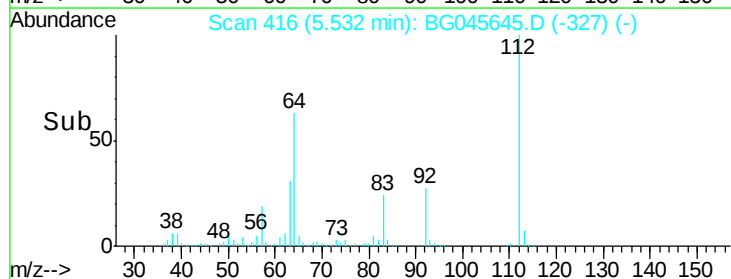
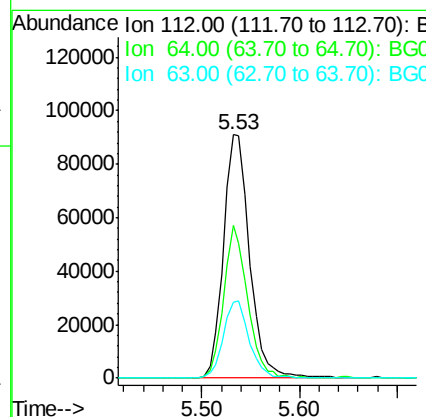
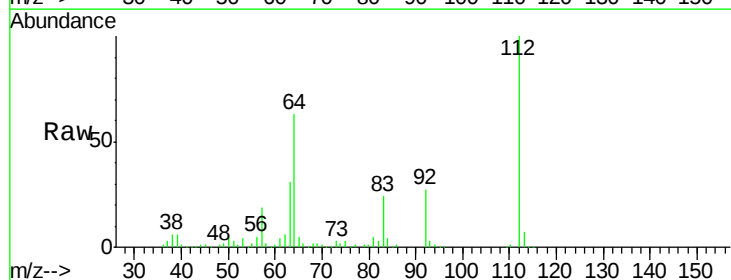
Tot Ion:152 Resp: 57900  
Ion Ratio Lower Upper  
152 100  
150 159.4 122.4 183.6  
115 57.0 44.2 66.4

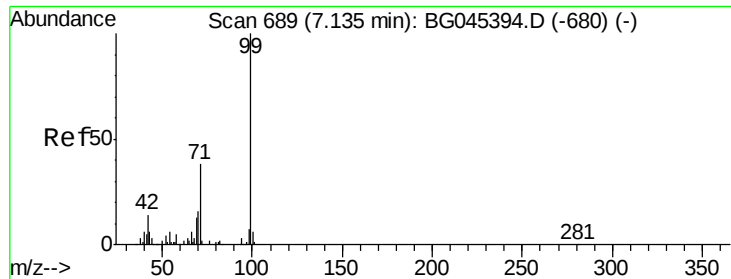


#5

2-Fluorophenol  
Concen: 56.916 ng  
RT: 5.53 min Scan# 416  
Delta R.T. -0.01 min  
Lab File: BG045645.D  
Acq: 8 Jun 2020 16:55

Tgt Ion:112 Resp: 168626  
Ion Ratio Lower Upper  
112 100  
64 62.8 48.6 72.8  
63 31.3 26.5 39.7





#7

Phenol-d6

Concen: 40.285 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045645.D

Acq: 8 Jun 2020 16:55

Instrument :

BNA\_G

ClientSampleId :

EB6420

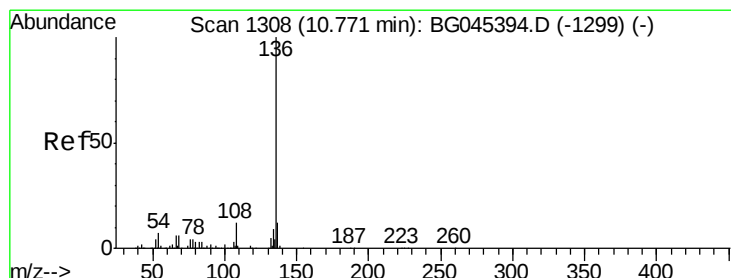
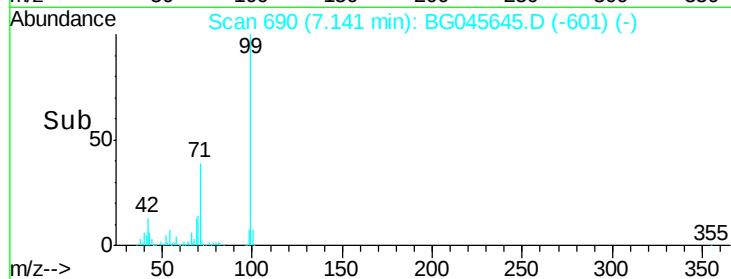
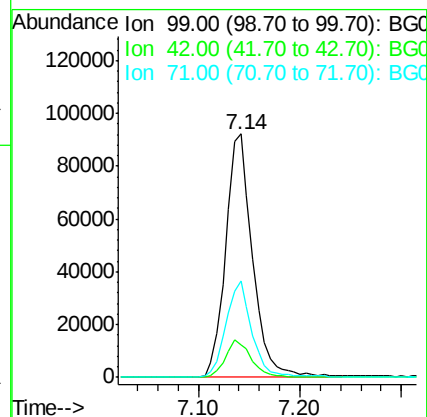
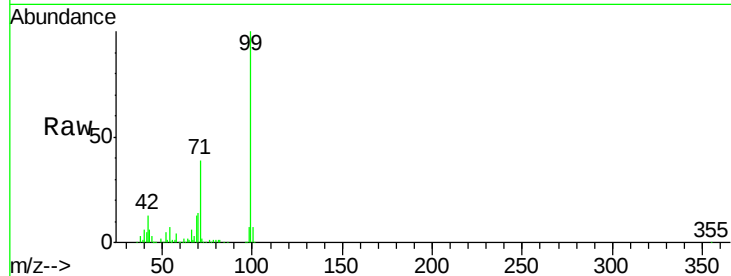
Tot Ion: 99 Resp: 169876

Ion Ratio Lower Upper

99 100

42 13.1 11.3 16.9

71 39.4 30.8 46.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG045645.D

Acq: 8 Jun 2020 16:55

Tgt Ion: 136 Resp: 223490

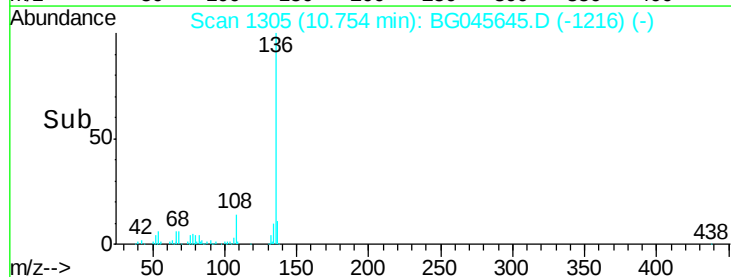
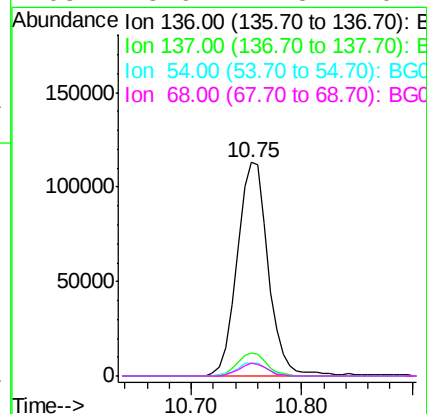
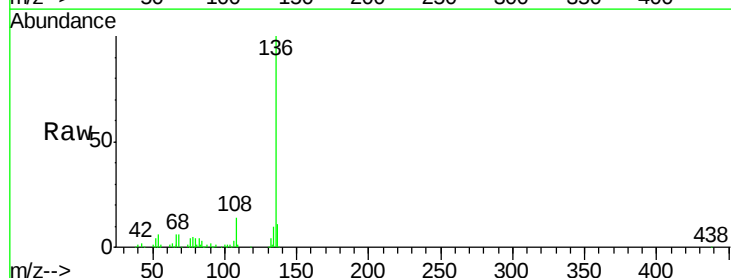
Ion Ratio Lower Upper

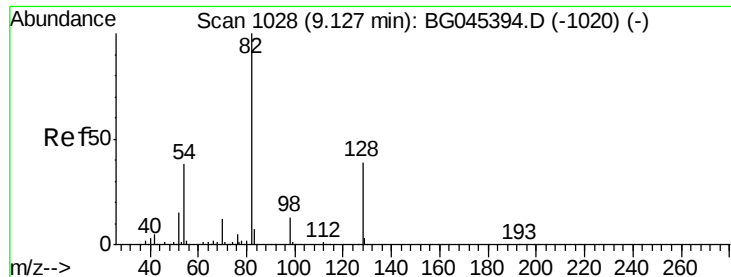
136 100

137 10.7 9.4 14.2

54 6.0 5.8 8.6

68 5.9 4.5 6.7

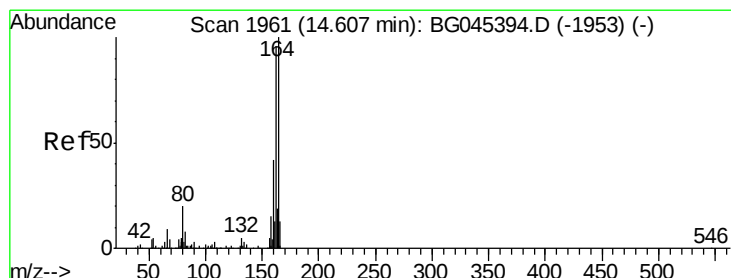
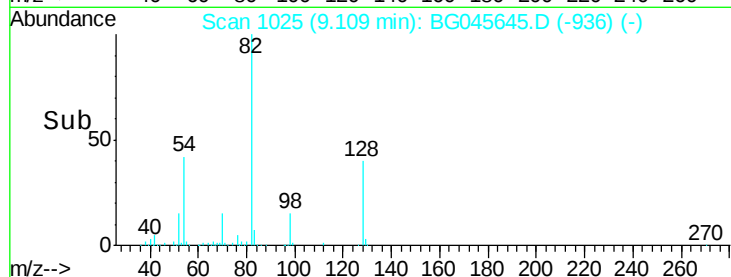
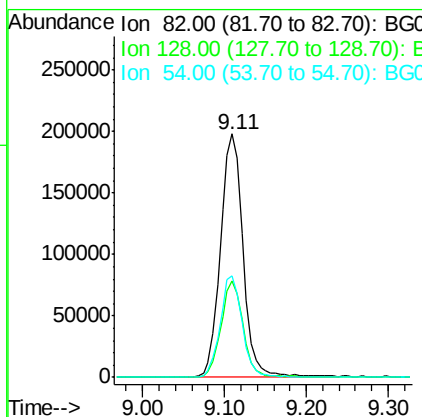
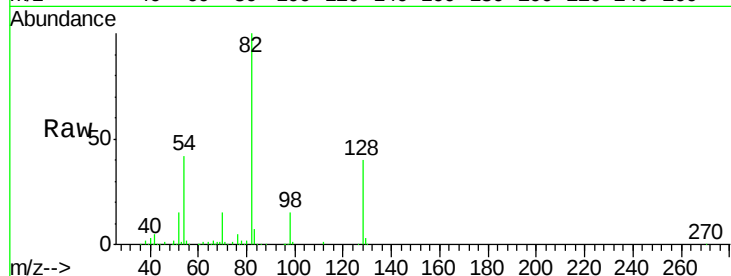




#23  
 Nitrobenzene-d5  
 Concen: 93.068 ng  
 RT: 9.11 min Scan# 1025  
 Delta R.T. -0.01 min  
 Lab File: BG045645.D  
 Acq: 8 Jun 2020 16:55

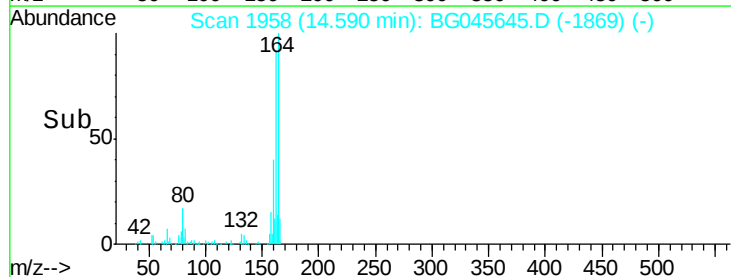
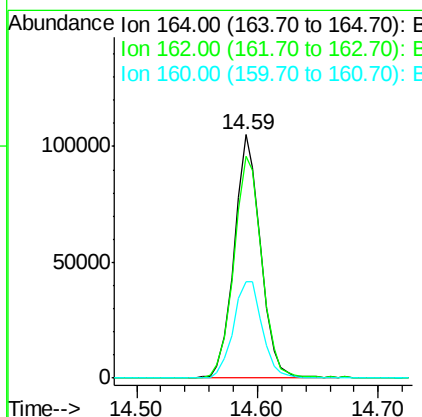
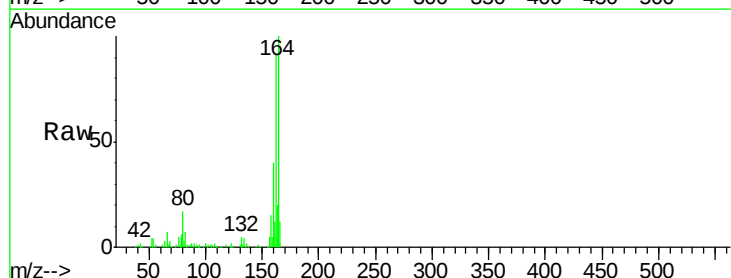
Instrument :  
 BNA\_G  
 ClientSampled :  
 EB6420

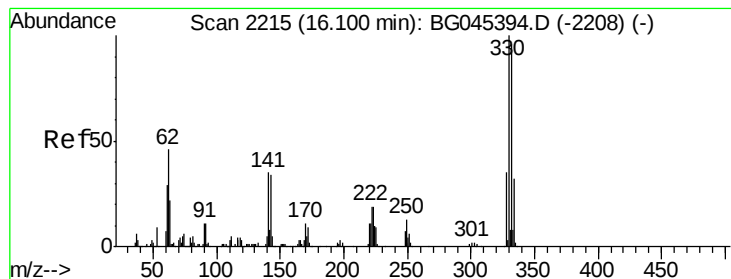
| Tot Ion   | 82    | Resp  | 381425 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 39.6  | 30.9  | 46.3   |
| 54        | 41.9  | 30.3  | 45.5   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.59 min Scan# 1958  
 Delta R.T. -0.01 min  
 Lab File: BG045645.D  
 Acq: 8 Jun 2020 16:55

| Tgt Ion   | 164   | Resp  | 159783 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 91.3  | 76.9  | 115.3  |
| 160       | 39.7  | 33.8  | 50.8   |





#42

2,4,6-Tribromophenol

Concen: 162.266 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BG045645.D

Acq: 8 Jun 2020 16:55

Instrument :

BNA\_G

ClientSampleId :

EB6420

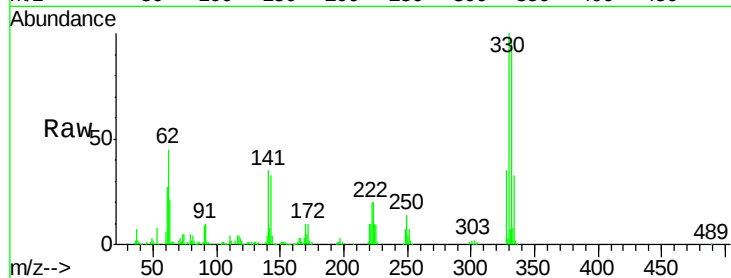
Tot Ion:330 Resp: 331582

Ion Ratio Lower Upper

330 100

332 99.0 78.2 117.4

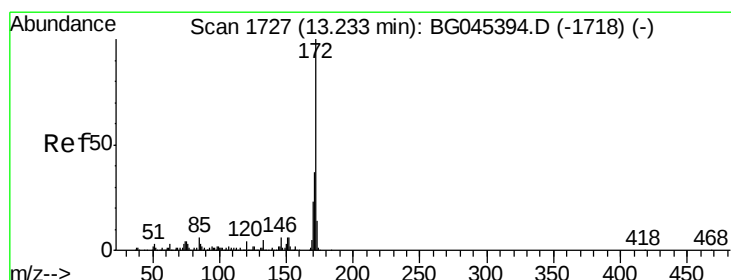
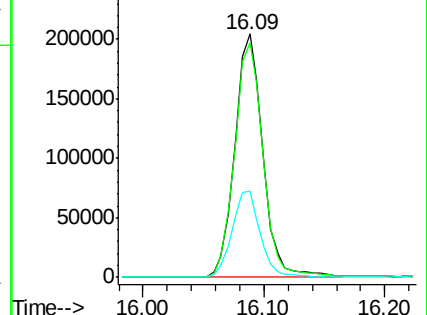
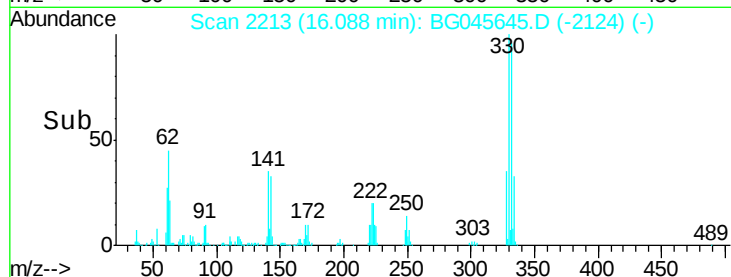
141 35.8 28.2 42.4



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: 102.923 ng

RT: 13.22 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BG045645.D

Acq: 8 Jun 2020 16:55

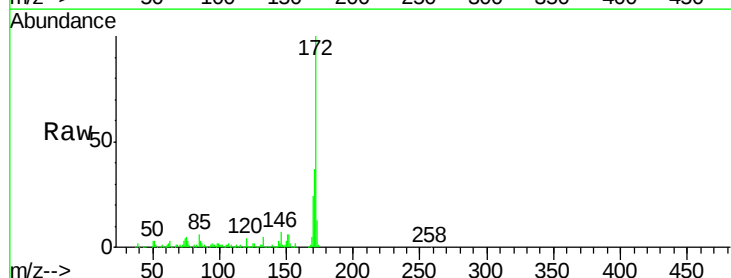
Tgt Ion:172 Resp: 969535

Ion Ratio Lower Upper

172 100

171 37.1 29.5 44.3

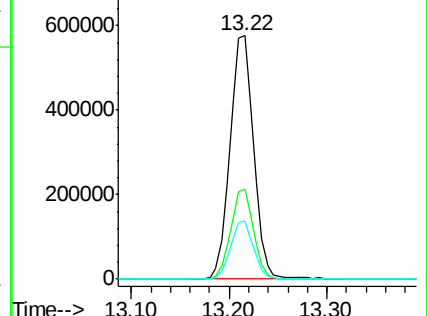
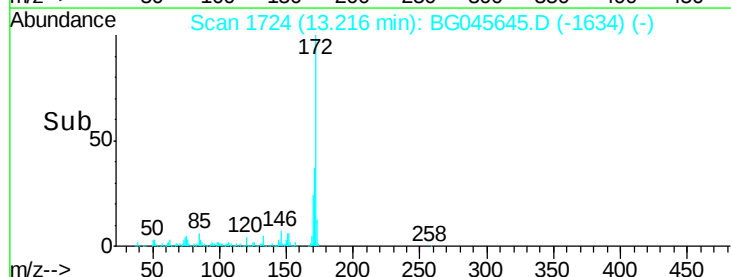
170 24.1 18.5 27.7



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: 6.823 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045645.D

Acq: 8 Jun 2020 16:55

Instrument :

BNA\_G

ClientSampleId :

EB6420

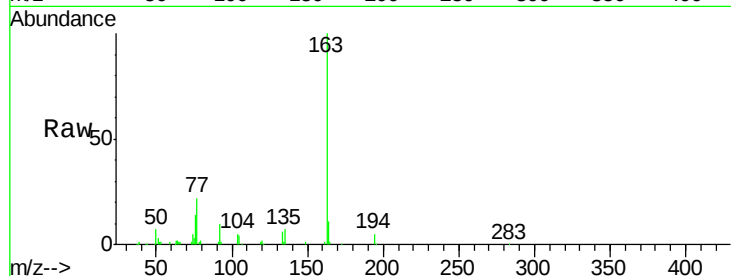
Tot Ion:163 Resp: 74790

Ion Ratio Lower Upper

163 100

194 4.6 3.2 4.8

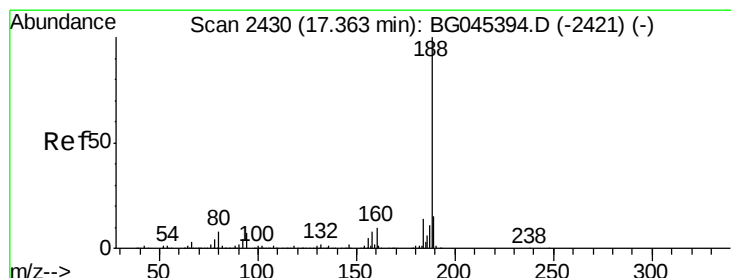
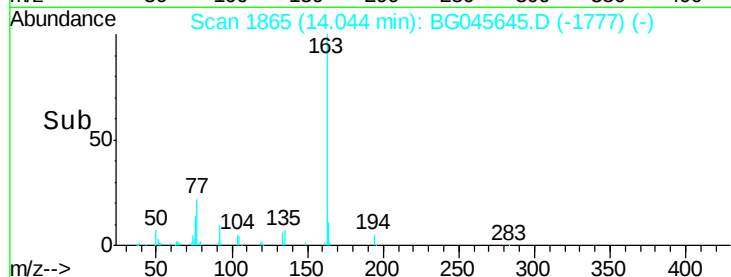
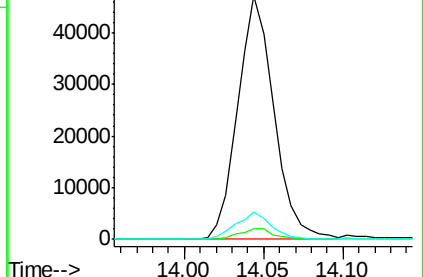
164 11.3 8.3 12.5



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: BG045645.D

Acq: 8 Jun 2020 16:55

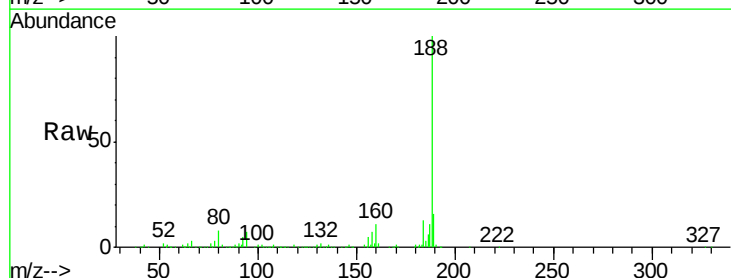
Tgt Ion:188 Resp: 363693

Ion Ratio Lower Upper

188 100

94 7.2 5.5 8.3

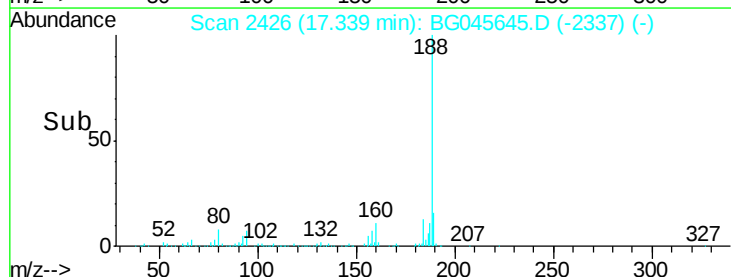
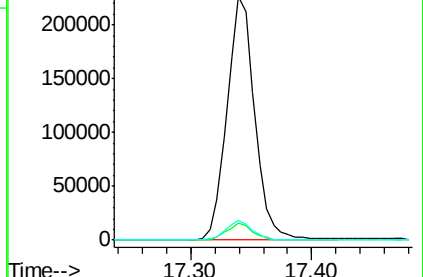
80 8.0 6.6 10.0

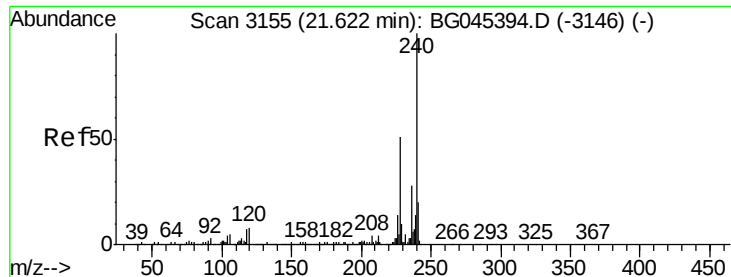


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

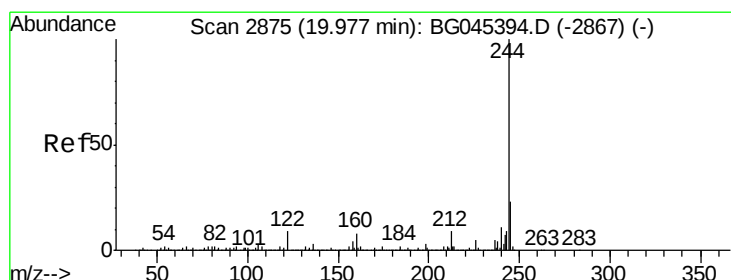
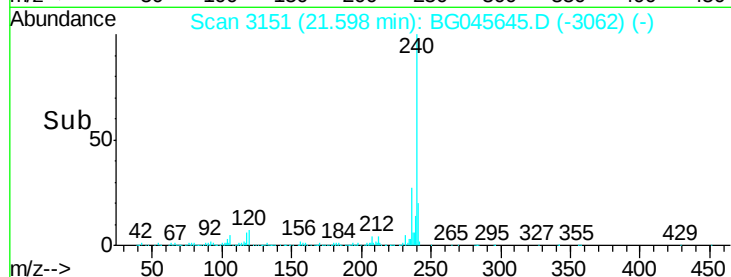
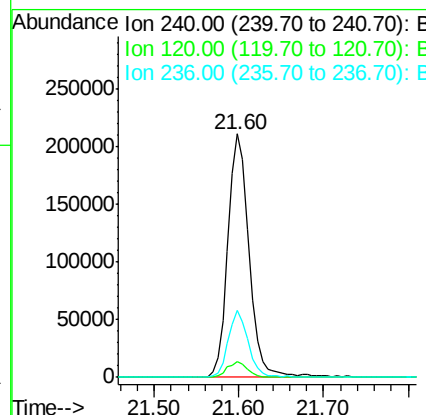
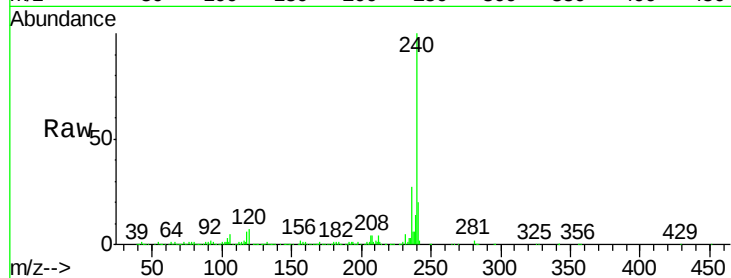




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.60 min Scan# 3151  
Delta R.T. -0.01 min  
Lab File: BG045645.D  
Acq: 8 Jun 2020 16:55

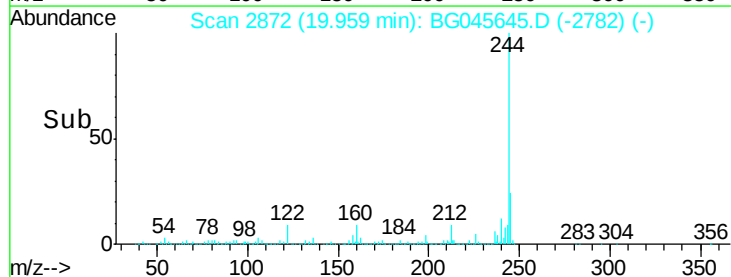
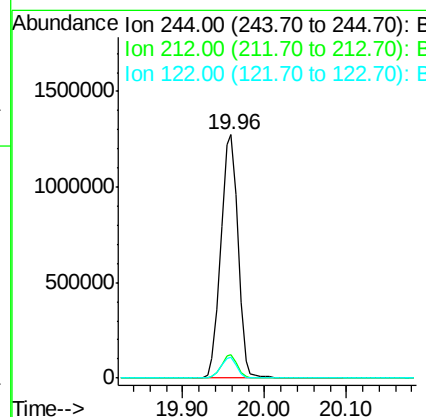
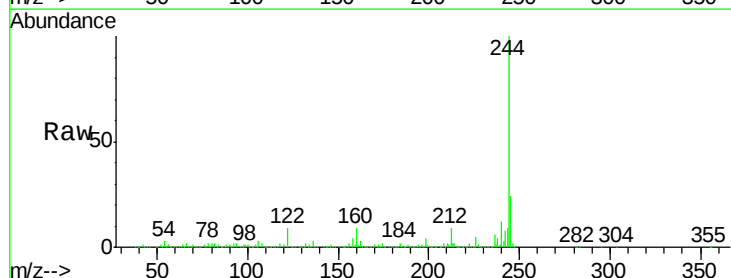
Instrument :  
BNA\_G  
ClientSampleId :  
EB6420

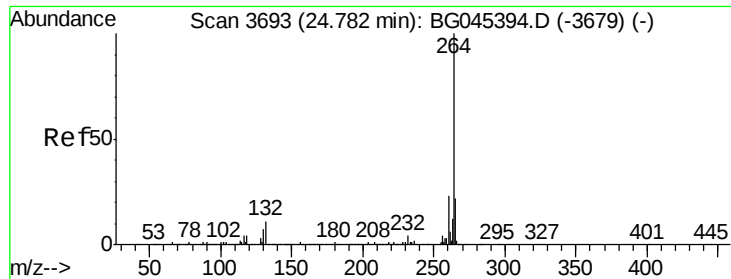
Tot Ion:240 Resp: 365312  
Ion Ratio Lower Upper  
240 100  
120 6.7 6.1 9.1  
236 27.3 22.3 33.5



#79  
Terphenyl-d14  
Concen: 119.785 ng  
RT: 19.96 min Scan# 2872  
Delta R.T. 0.00 min  
Lab File: BG045645.D  
Acq: 8 Jun 2020 16:55

Tgt Ion:244 Resp: 1876215  
Ion Ratio Lower Upper  
244 100  
212 9.5 7.4 11.0  
122 8.5 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: BG045645.D  
 Acq: 8 Jun 2020 16:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EB6420

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.3  | 18.2  | 27.4  |
| 265     | 21.0  | 17.6  | 26.4  |

