

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\  
 Data File : BG045709.D  
 Acq On : 11 Jun 2020 5:23  
 Operator : CG/JU  
 Sample : L2948-03  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SONOTUBE

Quant Time: Jun 11 06:12:19 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

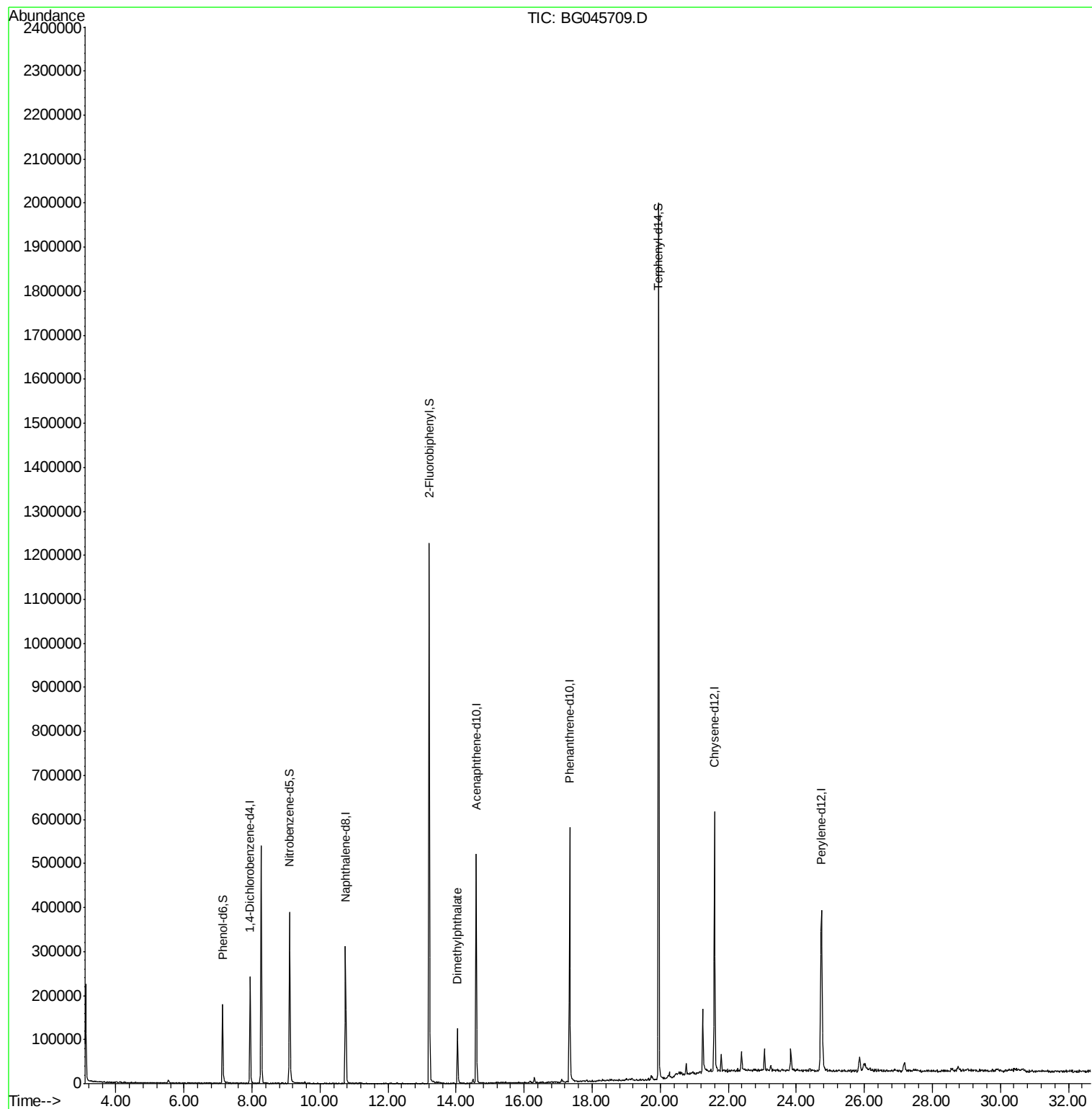
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.95  | 152  | 70933    | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.75 | 136  | 288619   | 20.00 | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.59 | 164  | 194543   | 20.00 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.34 | 188  | 411263   | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12            | 21.59 | 240  | 396250   | 20.00 | ng    | -0.01     |
| 87) Perylene-d12            | 24.74 | 264  | 425558   | 20.00 | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.54  | 112  | 4629     | 1.28  | ng    | 0.00      |
| 7) Phenol-d6                | 7.13  | 99   | 126975   | 24.58 | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 9.10  | 82   | 286995   | 54.22 | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 0.00  | 330  | 0        | 0.00  | ng    |           |
| 45) 2-Fluorobiphenyl        | 13.21 | 172  | 677851   | 59.10 | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.95 | 244  | 1029234  | 60.58 | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 14.04 | 163  | 96101    | 7.201 | ng    | Qvalue 97 |

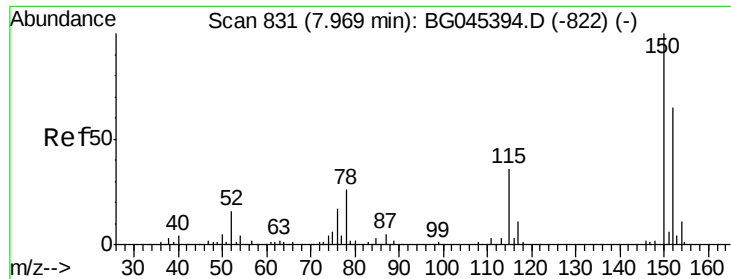
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\  
Data File : BG045709.D  
Acq On : 11 Jun 2020 5:23  
Operator : CG/JU  
Sample : L2948-03  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SONOTUBE

Quant Time: Jun 11 06:12:19 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



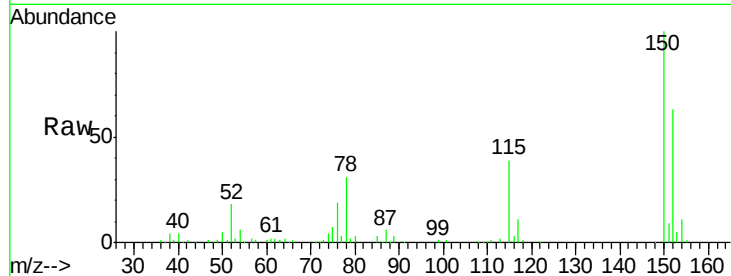


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.95 min Scan# 827  
Delta R.T. -0.01 min  
Lab File: BG045709.D  
Acq: 11 Jun 2020 5:23

Instrument :  
BNA\_G  
ClientSampleId :  
SONOTUBE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.0 | 122.4 | 183.6 |
| 115     | 61.6  | 44.2  | 66.4  |

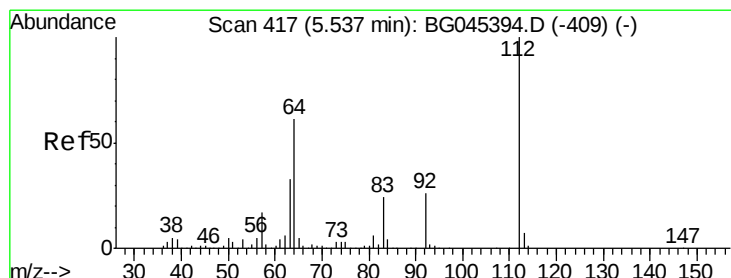
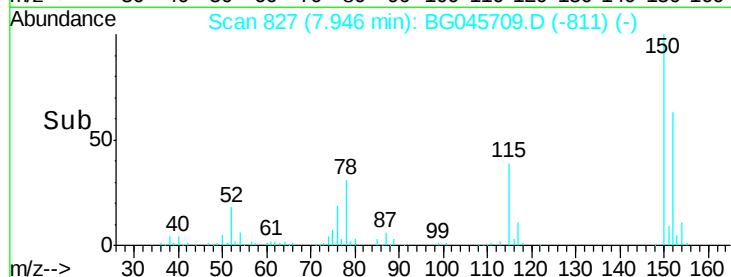
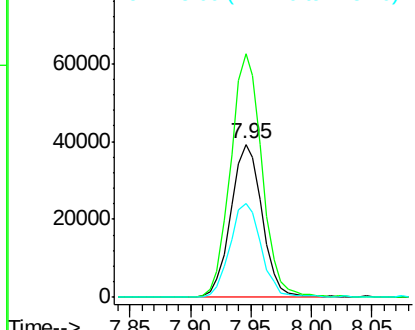


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

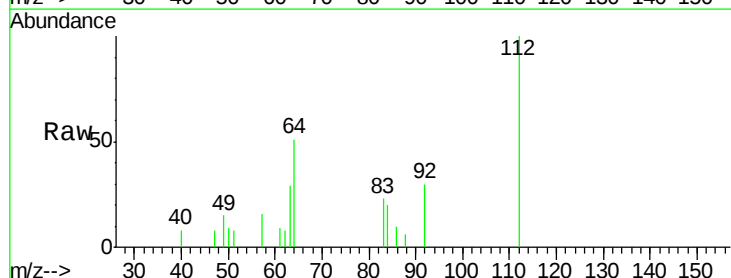
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 1.275 ng  
RT: 5.54 min Scan# 417  
Delta R.T. 0.00 min  
Lab File: BG045709.D  
Acq: 11 Jun 2020 5:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 50.5  | 48.6  | 72.8  |
| 63      | 28.9  | 26.5  | 39.7  |

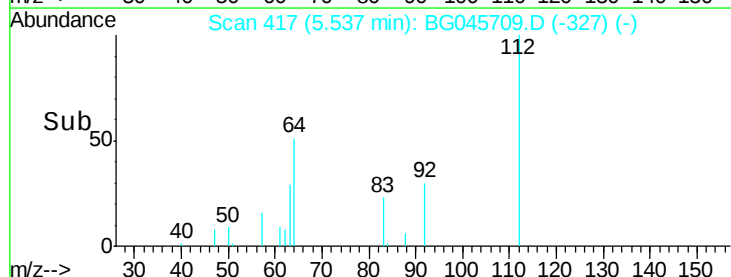
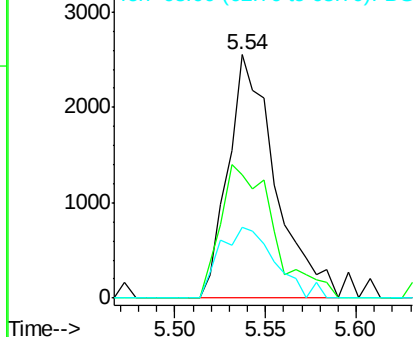


Abundance

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: 24.579 ng

RT: 7.13 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045709.D

Acq: 11 Jun 2020 5:23

Instrument :

BNA\_G

ClientSampleId :

SONOTUBE

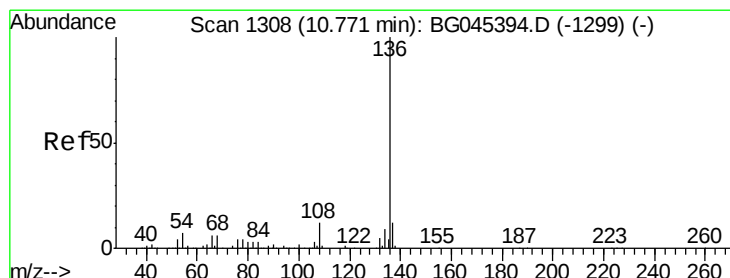
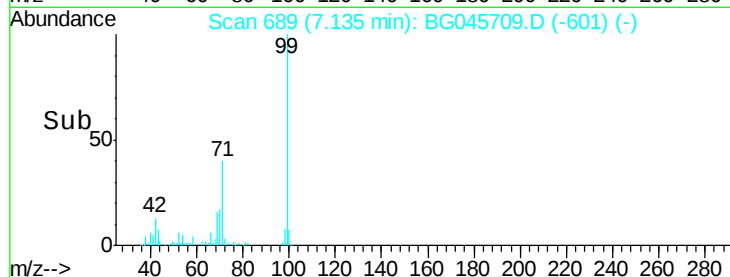
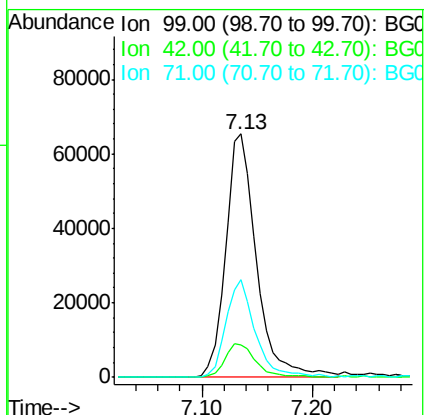
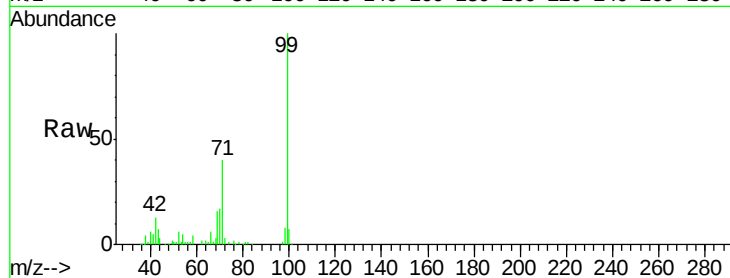
Tot Ion: 99 Resp: 126975

Ion Ratio Lower Upper

99 100

42 13.1 11.3 16.9

71 40.4 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: BG045709.D

Acq: 11 Jun 2020 5:23

Tgt Ion: 136 Resp: 288619

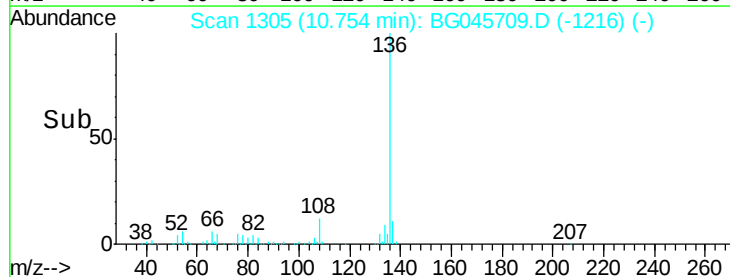
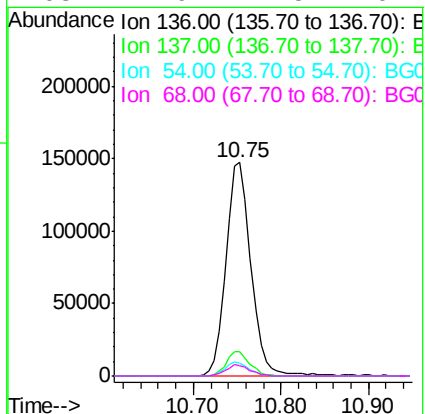
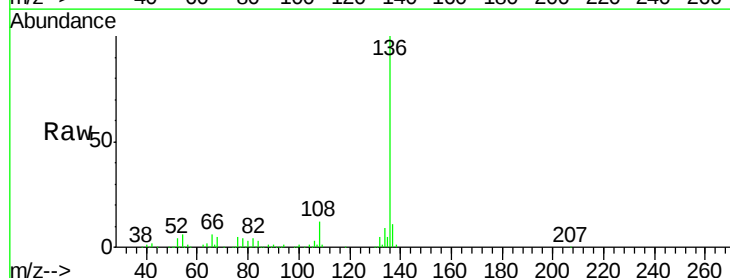
Ion Ratio Lower Upper

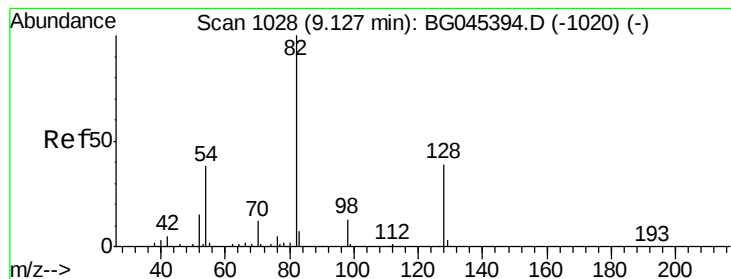
136 100

137 11.2 9.4 14.2

54 6.2 5.8 8.6

68 4.9 4.5 6.7





#23

Nitrobenzene-d5

Concen: 54.225 ng

RT: 9.10 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG045709.D

Acq: 11 Jun 2020 5:23

Instrument :

BNA\_G

ClientSampleId :

SONOTUBE

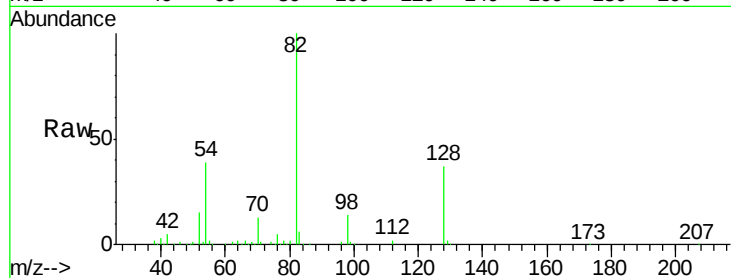
Tot Ion: 82 Resp: 286995

Ion Ratio Lower Upper

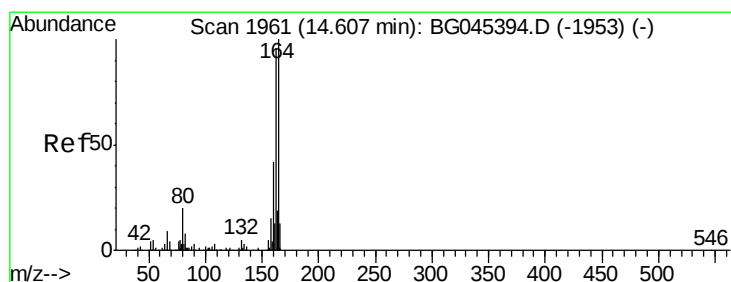
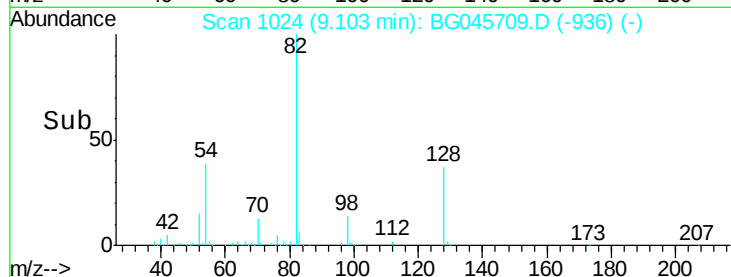
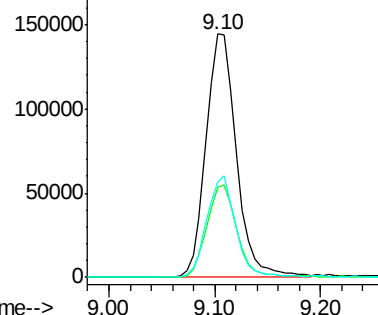
82 100

128 37.2 30.9 46.3

54 39.1 30.3 45.5



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: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG045709.D

Acq: 11 Jun 2020 5:23

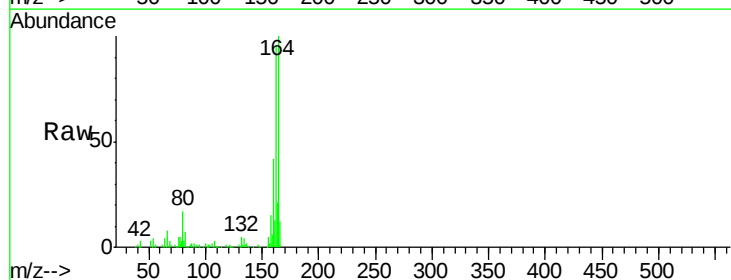
Tgt Ion: 164 Resp: 194543

Ion Ratio Lower Upper

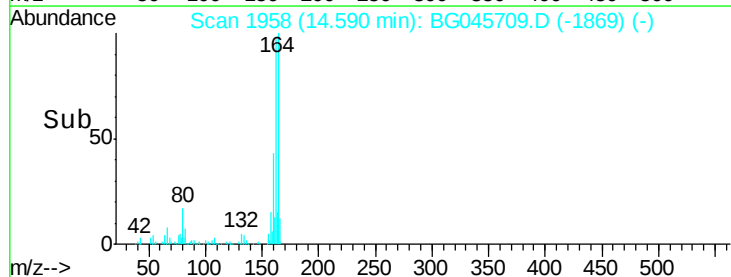
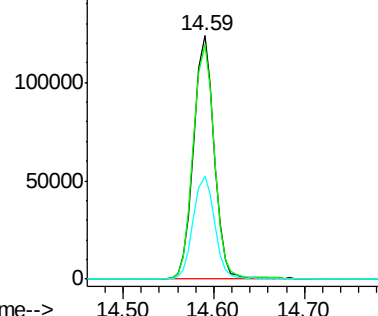
164 100

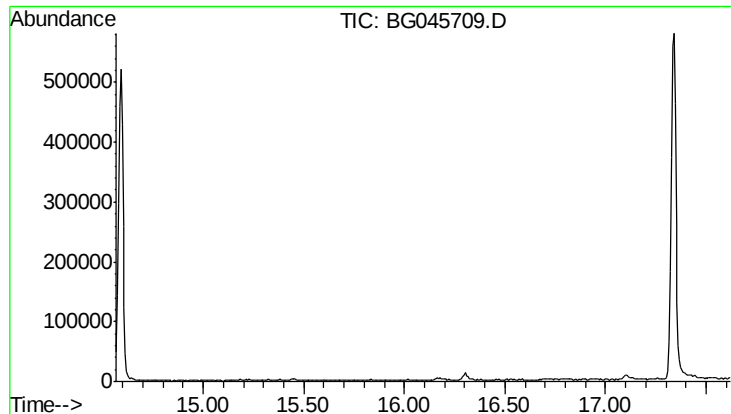
162 96.3 76.9 115.3

160 42.3 33.8 50.8



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

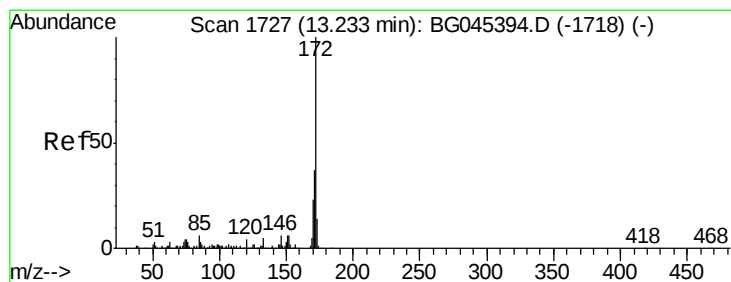
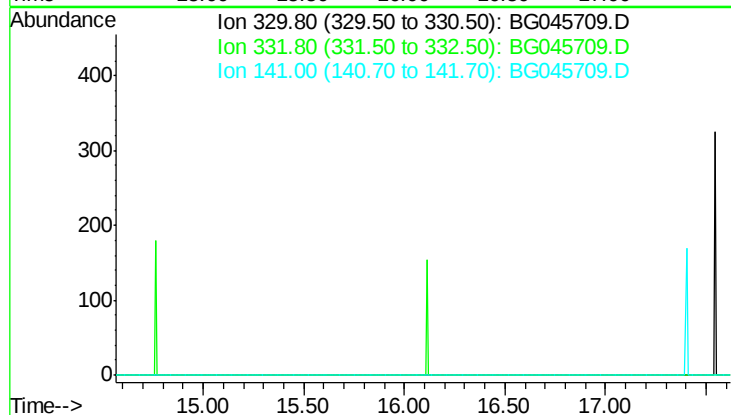




#42  
 2,4,6-Tribromophenol  
 Concen: 0.000 ng  
 Expected RT: 16.09 min  
 Lab File: BG045709.D  
 Acq: 11 Jun 2020 5:23

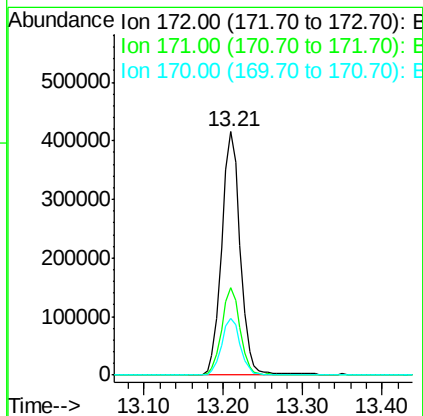
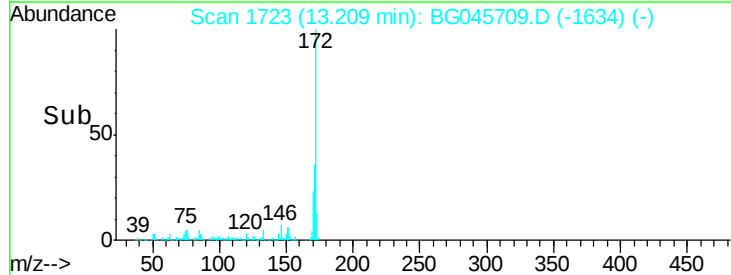
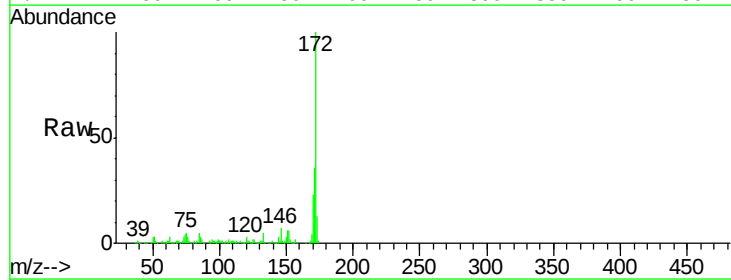
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SONOTUBE

| Tot Ion   | 330 | 332  | 141  |
|-----------|-----|------|------|
| Exp Ratio | 100 | 97.8 | 35.3 |



#45  
 2-Fluorobiphenyl  
 Concen: 59.101 ng  
 RT: 13.21 min Scan# 1723  
 Delta R.T. -0.01 min  
 Lab File: BG045709.D  
 Acq: 11 Jun 2020 5:23

| Tgt Ion | 172    | 171  | 170  |
|---------|--------|------|------|
| Resp    | 677851 | 36.1 | 23.2 |
| Ratio   | 100    | 29.5 | 18.5 |
| Lower   |        | 44.3 | 27.7 |
| Upper   |        |      |      |





#50

Dimethylphthalate

Concen: 7.201 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045709.D

Acq: 11 Jun 2020 5:23

Instrument :

BNA\_G

ClientSampleId :

SONOTUBE

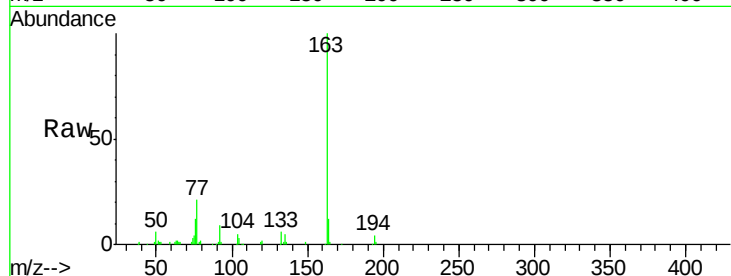
Tot Ion:163 Resp: 96101

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

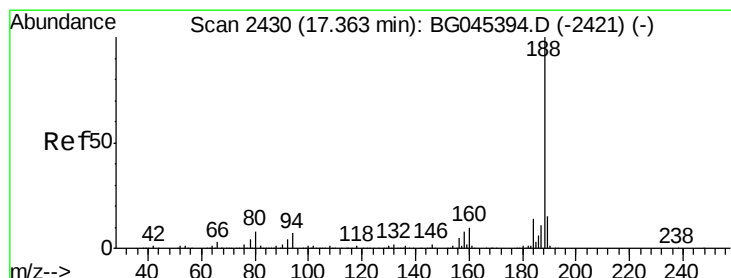
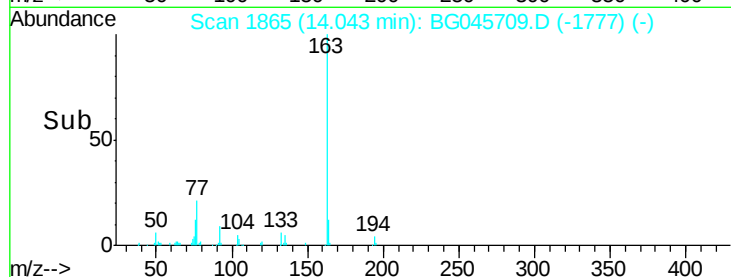
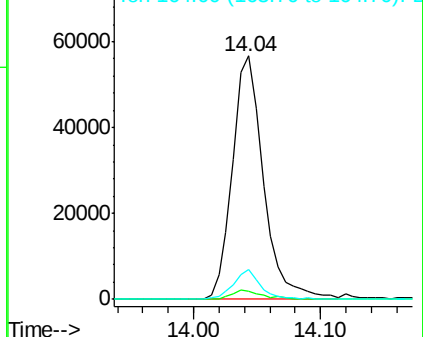
164 12.0 8.3 12.5



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: BG045709.D

Acq: 11 Jun 2020 5:23

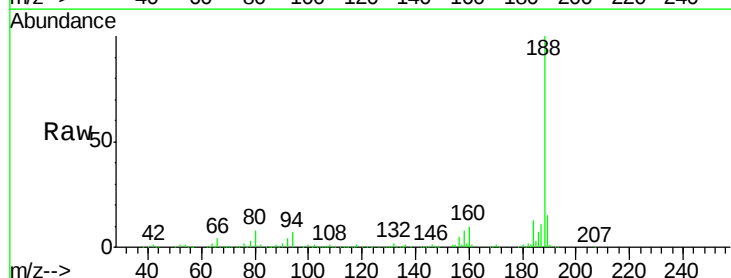
Tgt Ion:188 Resp: 411263

Ion Ratio Lower Upper

188 100

94 7.1 5.5 8.3

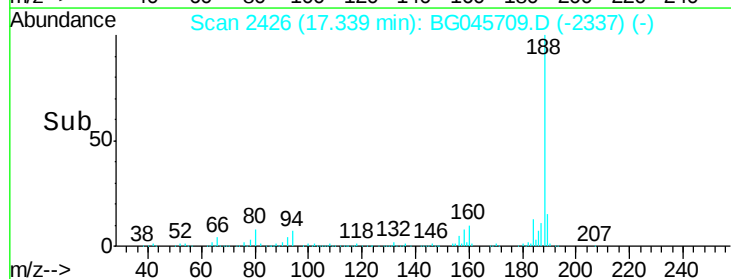
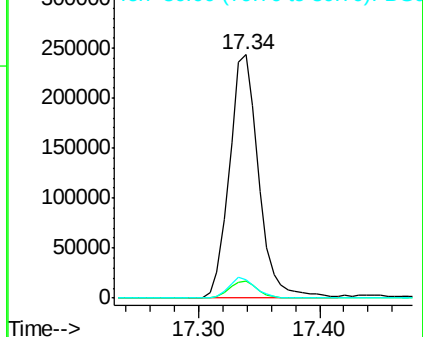
80 7.6 6.6 10.0

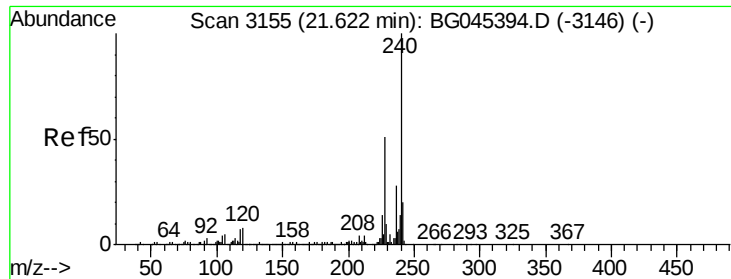


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

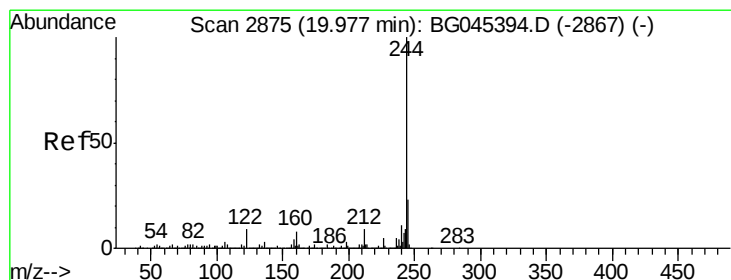
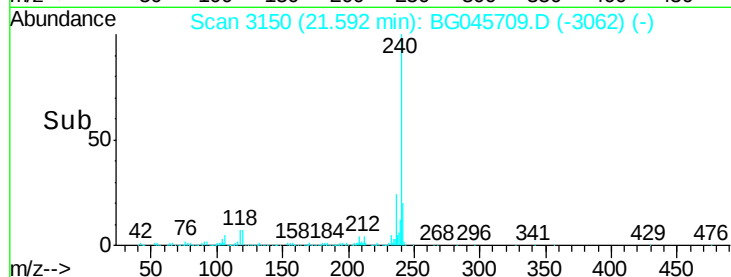
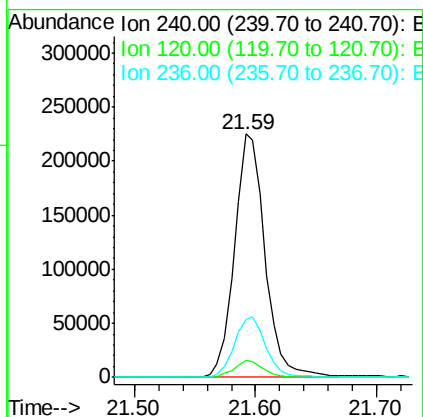
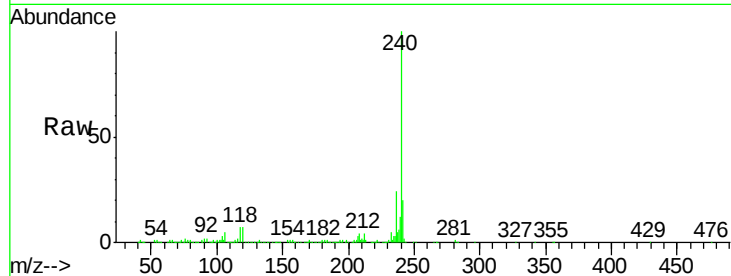




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.59 min Scan# 3150  
Delta R.T. -0.01 min  
Lab File: BG045709.D  
Acq: 11 Jun 2020 5:23

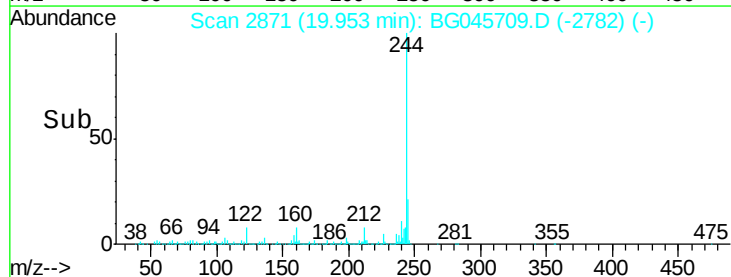
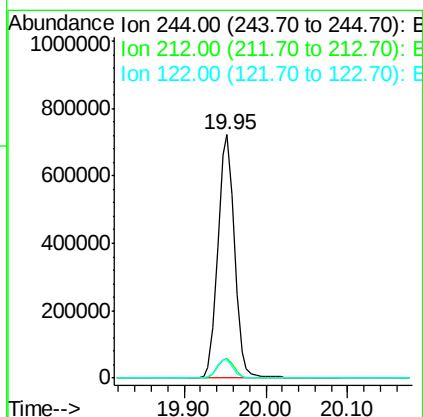
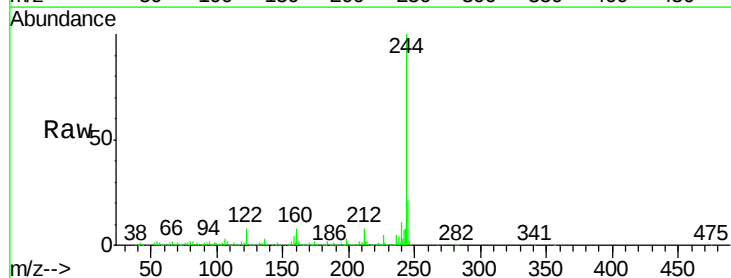
Instrument :  
BNA\_G  
ClientSampleId :  
SONOTUBE

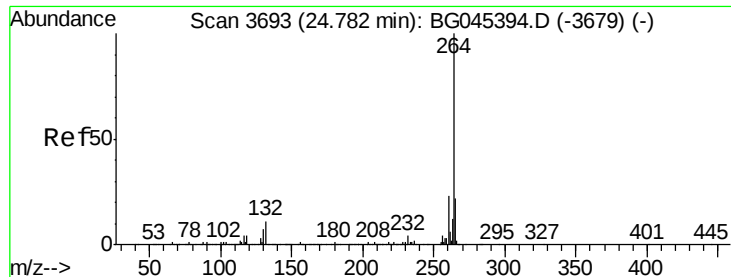
Tot Ion:240 Resp: 396250  
Ion Ratio Lower Upper  
240 100  
120 6.9 6.1 9.1  
236 24.0 22.3 33.5



#79  
Terphenyl-d14  
Concen: 60.580 ng  
RT: 19.95 min Scan# 2871  
Delta R.T. -0.01 min  
Lab File: BG045709.D  
Acq: 11 Jun 2020 5:23

Tgt Ion:244 Resp: 1029234  
Ion Ratio Lower Upper  
244 100  
212 8.2 7.4 11.0  
122 7.8 6.8 10.2

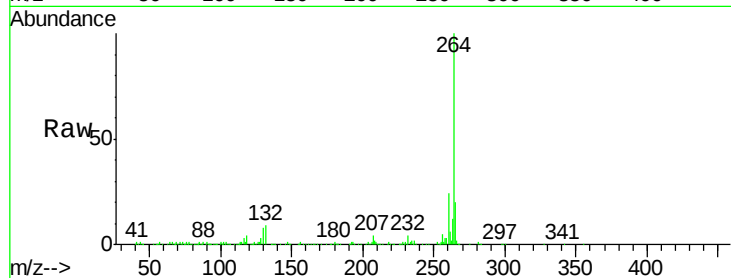




#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 24.74 min Scan# 3686  
 Delta R.T. -0.01 min  
 Lab File: BG045709.D  
 Acq: 11 Jun 2020 5:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SONOTUBE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.3  | 18.2  | 27.4  |
| 265     | 20.4  | 17.6  | 26.4  |



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E

