

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\  
 Data File : BG045013.D  
 Acq On : 16 Apr 2020 19:30  
 Operator : CG/JU  
 Sample : L2284-14  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-12-DA

Quant Time: Apr 17 05:09:38 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 15 17:57:00 2020  
 Response via : Initial Calibration

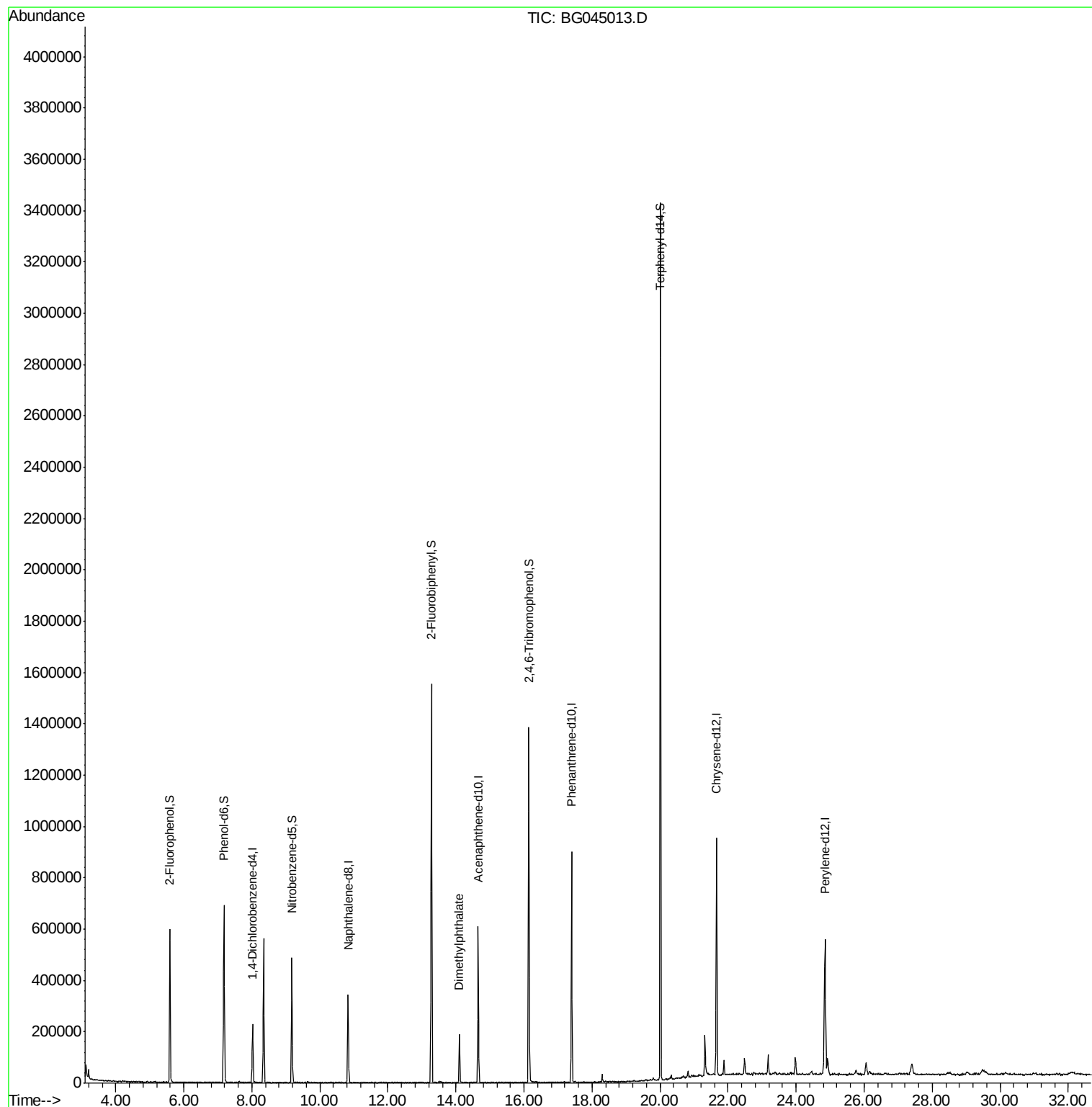
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.02  | 152  | 67484    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.83 | 136  | 302671   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.65 | 164  | 233116   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.40 | 188  | 571142   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.66 | 240  | 564552   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12            | 24.85 | 264  | 604480   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.59  | 112  | 289136   | 70.73 | ng    | 0.00     |
| 7) Phenol-d6                | 7.18  | 99   | 451028   | 74.27 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.18  | 82   | 322814   | 48.67 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.14 | 330  | 288452   | 80.10 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.28 | 172  | 852084   | 53.60 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.01 | 244  | 1615455  | 62.37 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 50) Dimethylphthalate       | 14.10 | 163  | 129217   | 6.808 | ng    | 99       |

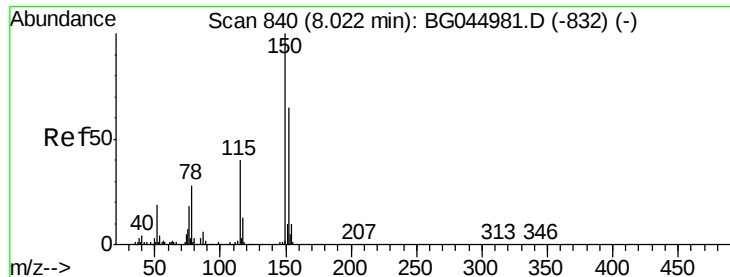
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 15 17:57:00 2020  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BG045013.D

Acq: 16 Apr 2020 19:30

Instrument :

BNA\_G

ClientSampleId :

TP-12-DA

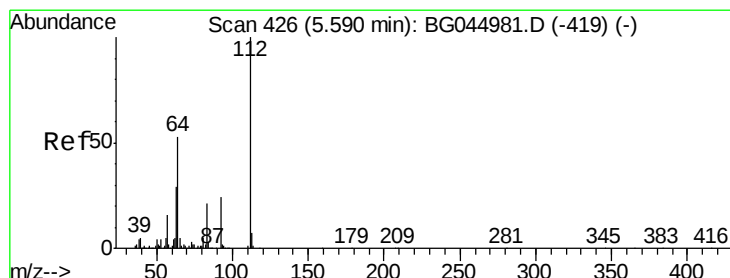
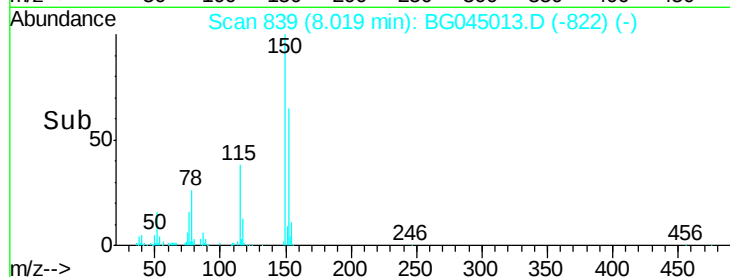
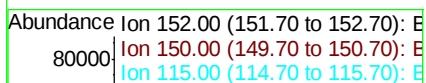
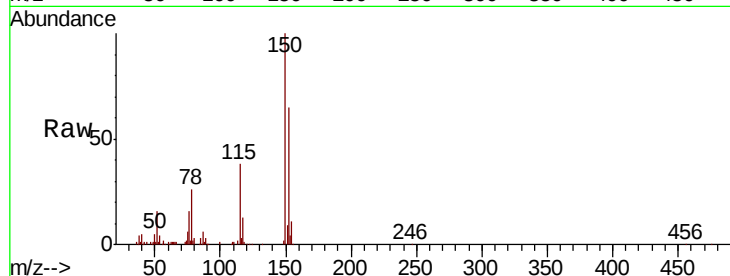
Tot Ion:152 Resp: 67484

Ion Ratio Lower Upper

152 100

150 152.7 123.6 185.4

115 57.5 49.1 73.7



#5

2-Fluorophenol

Concen: 70.735 ng

RT: 5.59 min Scan# 425

Delta R.T. -0.00 min

Lab File: BG045013.D

Acq: 16 Apr 2020 19:30

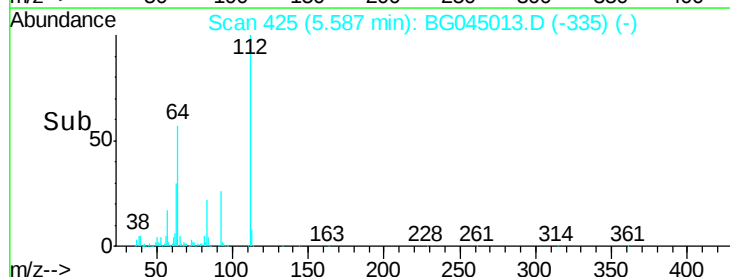
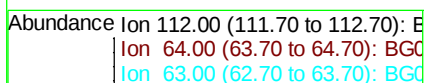
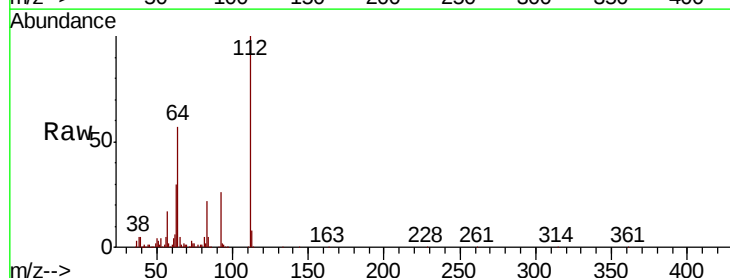
Tgt Ion:112 Resp: 289136

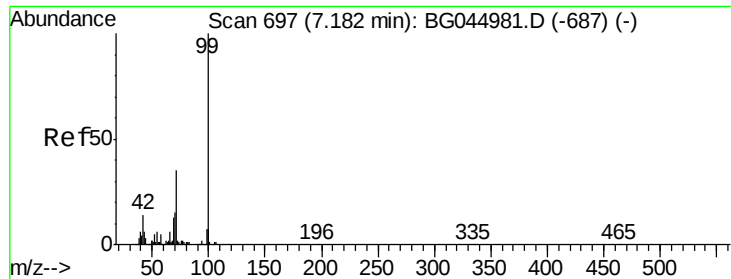
Ion Ratio Lower Upper

112 100

64 56.6 42.4 63.6

63 30.4 23.1 34.7





#7

Phenol-d6

Concen: 74.266 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG045013.D

Acq: 16 Apr 2020 19:30

Instrument :

BNA\_G

ClientSampleId :

TP-12-DA

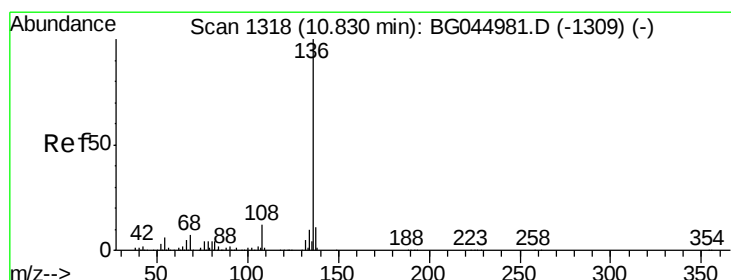
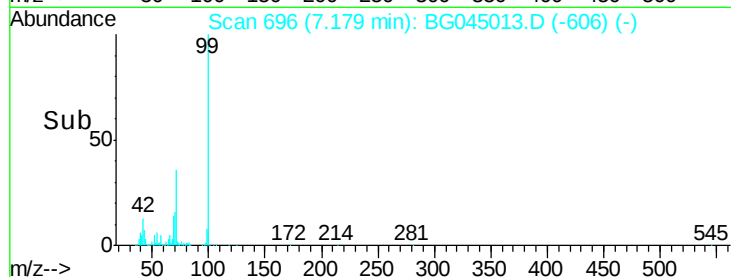
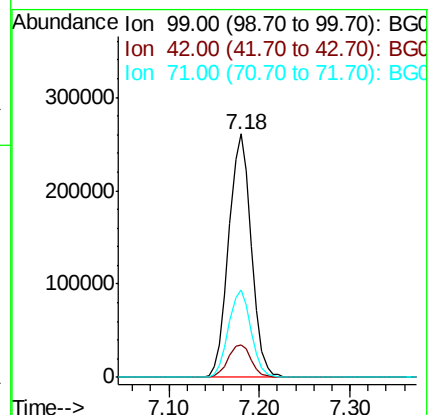
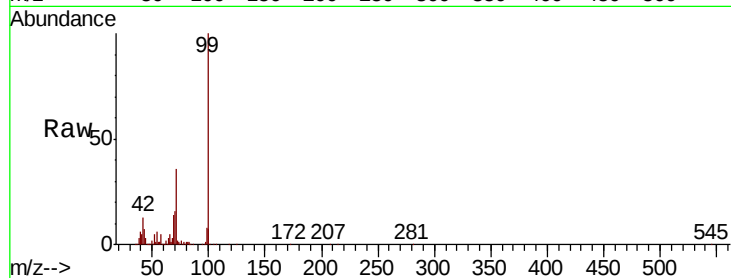
Tot Ion: 99 Resp: 451028

Ion Ratio Lower Upper

99 100

42 13.5 11.3 16.9

71 35.9 28.3 42.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG045013.D

Acq: 16 Apr 2020 19:30

Tgt Ion: 136 Resp: 302671

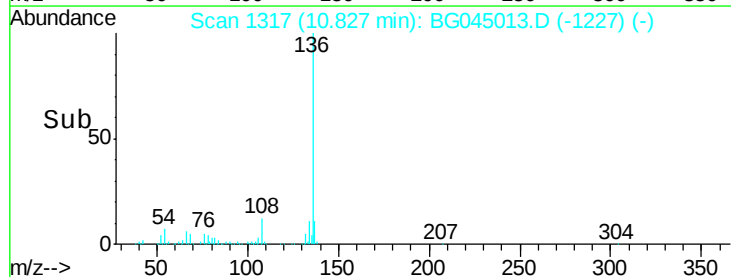
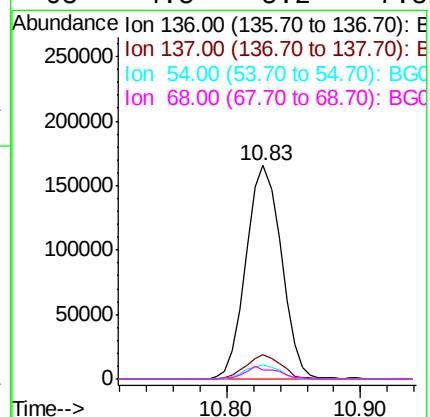
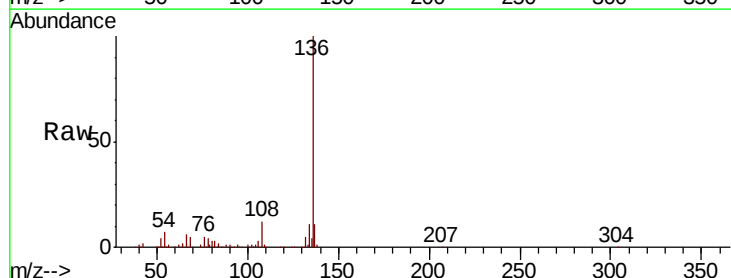
Ion Ratio Lower Upper

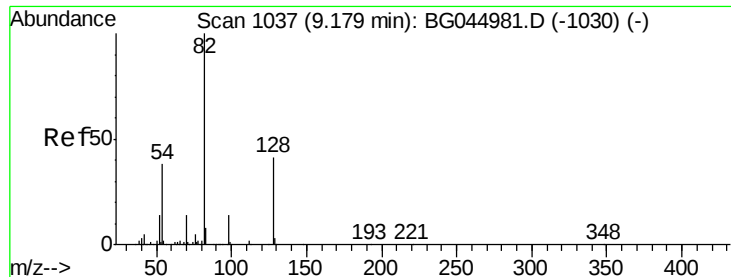
136 100

137 11.2 8.6 13.0

54 6.7 4.8 7.2

68 4.5 5.2 7.8#

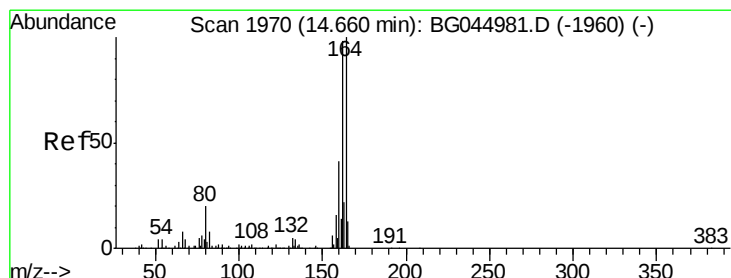
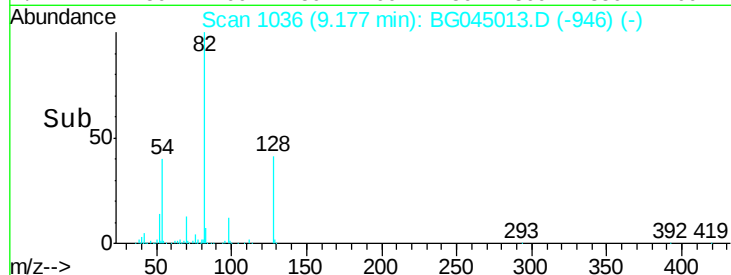
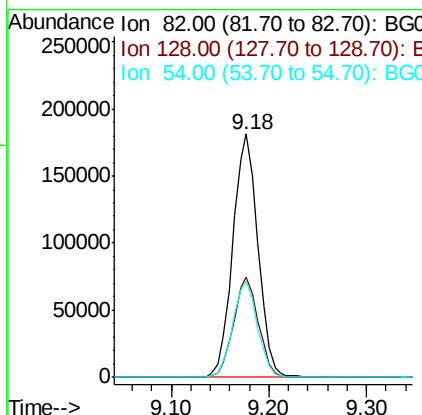
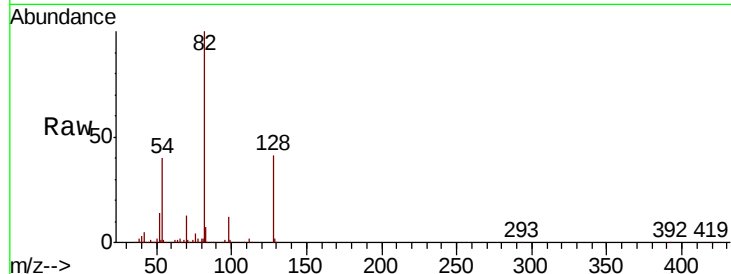




#23  
 Nitrobenzene-d5  
 Concen: 48.665 ng  
 RT: 9.18 min Scan# 1036  
 Delta R.T. -0.00 min  
 Lab File: BG045013.D  
 Acq: 16 Apr 2020 19:30

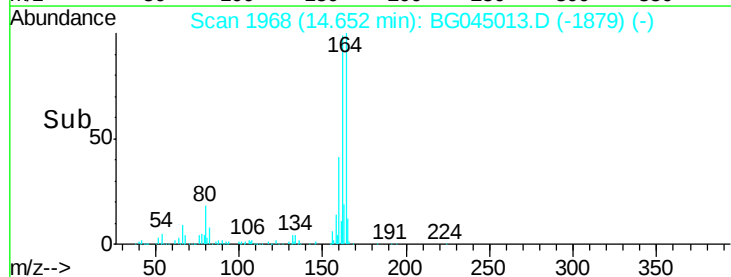
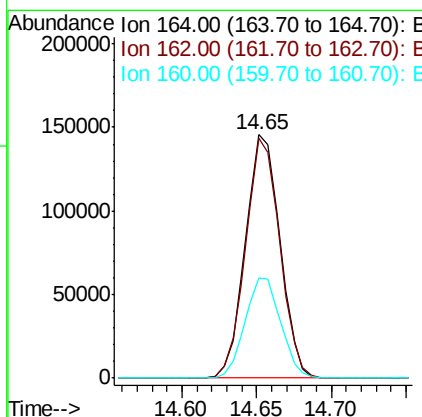
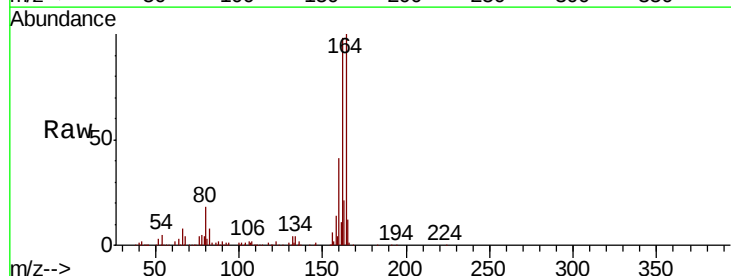
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-12-DA

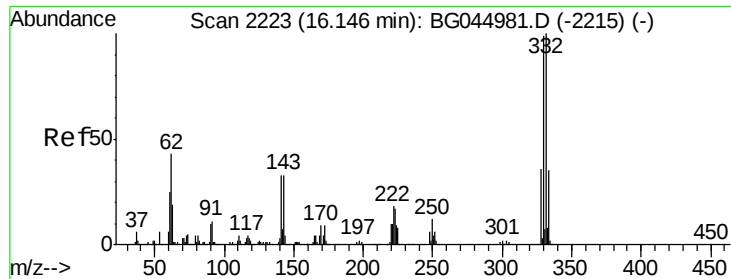
| Tot Ion   | 82    | Resp  | 322814 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 41.4  | 33.0  | 49.4   |
| 54        | 39.6  | 30.4  | 45.6   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.65 min Scan# 1968  
 Delta R.T. -0.01 min  
 Lab File: BG045013.D  
 Acq: 16 Apr 2020 19:30

| Tgt Ion   | 164   | Resp  | 233116 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 98.4  | 78.7  | 118.1  |
| 160       | 41.4  | 32.8  | 49.2   |

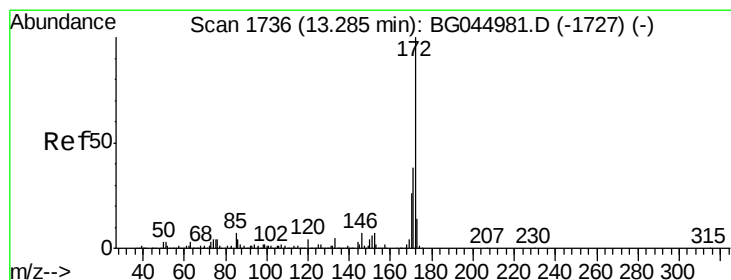
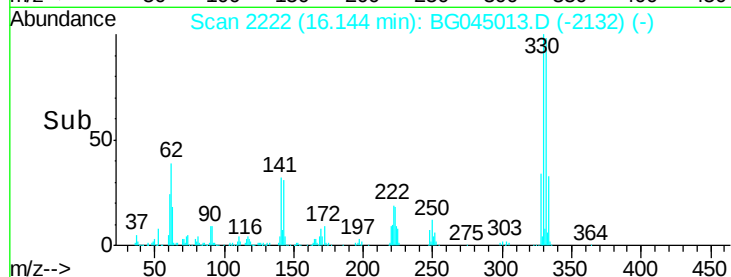
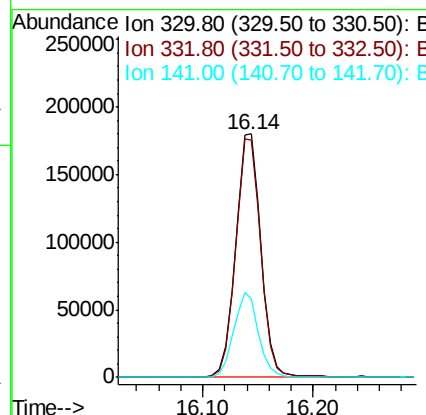
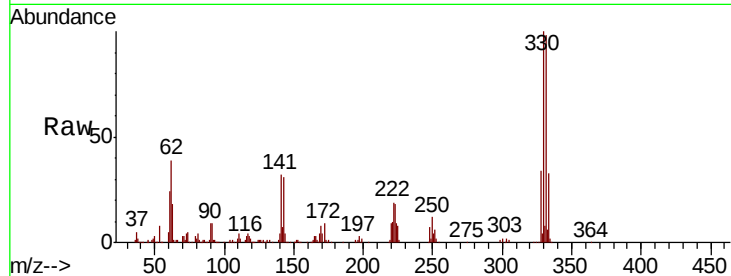




#42  
 2,4,6-Tribromophenol  
 Concen: 80.096 ng  
 RT: 16.14 min Scan# 2222  
 Delta R.T. -0.00 min  
 Lab File: BG045013.D  
 Acq: 16 Apr 2020 19:30

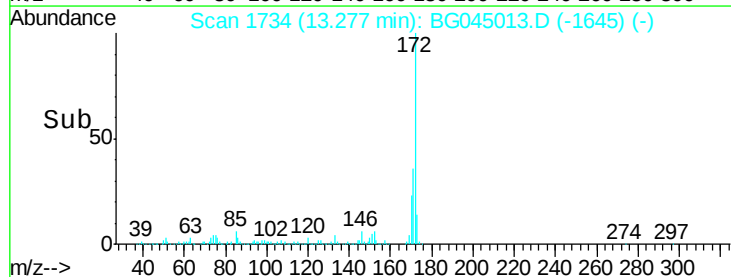
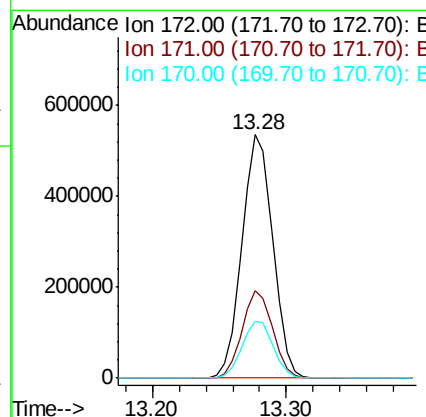
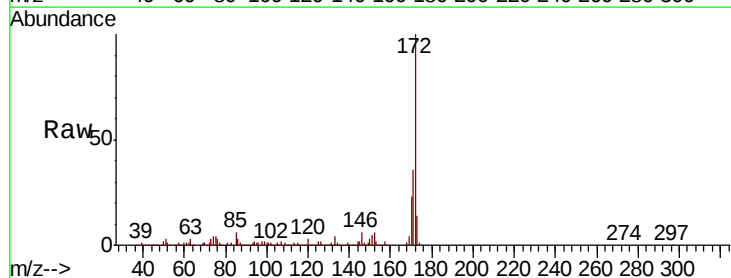
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-12-DA

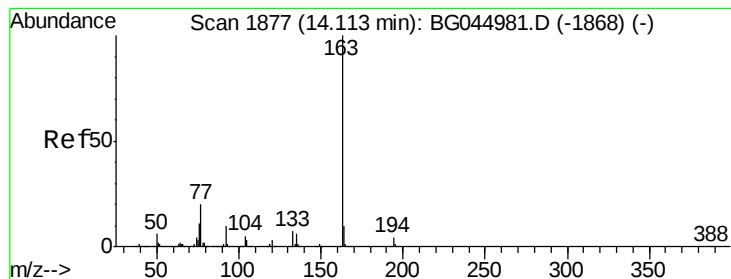
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.6  | 79.1  | 118.7 |
| 141     | 34.0  | 27.1  | 40.7  |



#45  
 2-Fluorobiphenyl  
 Concen: 53.597 ng  
 RT: 13.28 min Scan# 1734  
 Delta R.T. -0.01 min  
 Lab File: BG045013.D  
 Acq: 16 Apr 2020 19:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.1  | 30.6  | 46.0  |
| 170     | 23.1  | 20.5  | 30.7  |





#50

Dimethylphthalate

Concen: 6.808 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG045013.D

Acq: 16 Apr 2020 19:30

Instrument :

BNA\_G

ClientSampleId :

TP-12-DA

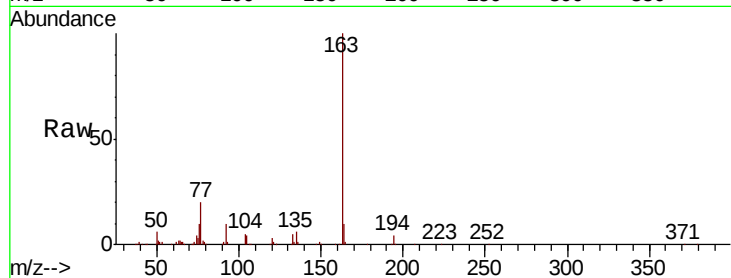
Tot Ion:163 Resp: 129217

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

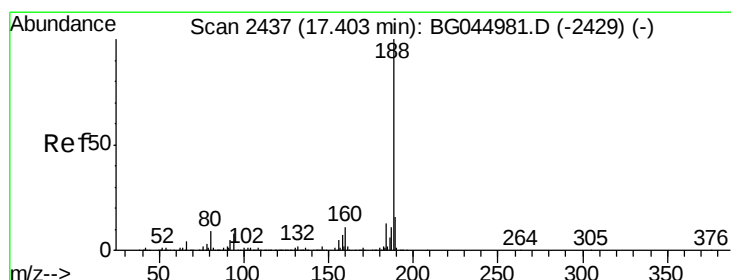
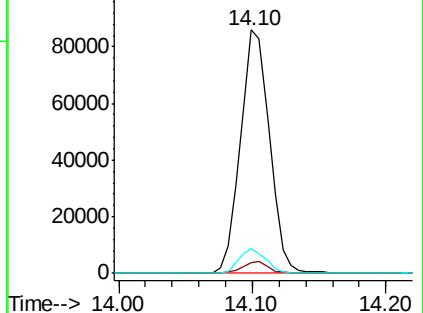
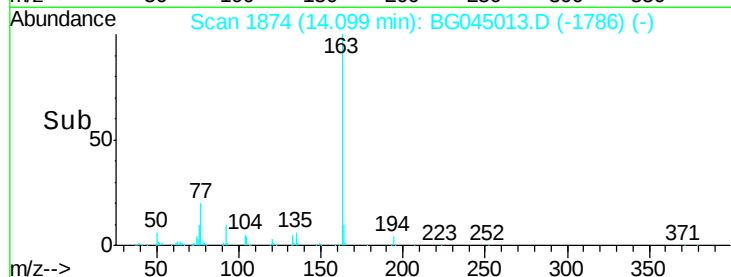
164 10.0 8.2 12.4



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. -0.00 min

Lab File: BG045013.D

Acq: 16 Apr 2020 19:30

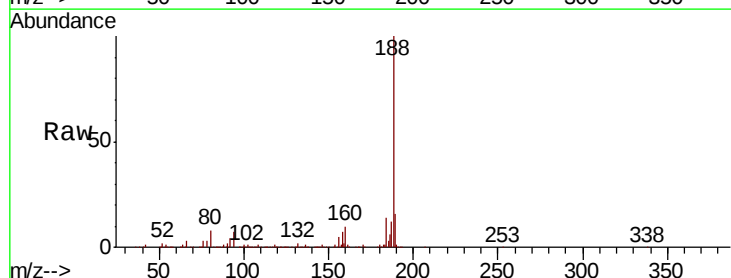
Tgt Ion:188 Resp: 571142

Ion Ratio Lower Upper

188 100

94 7.5 6.2 9.4

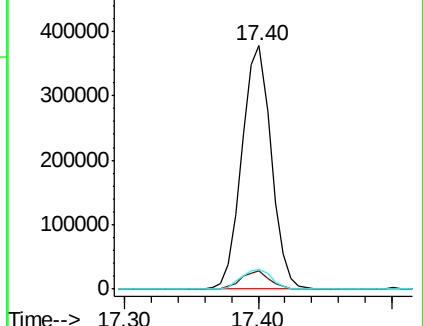
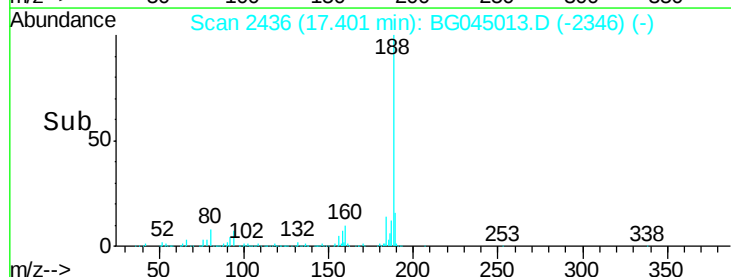
80 7.9 7.0 10.6

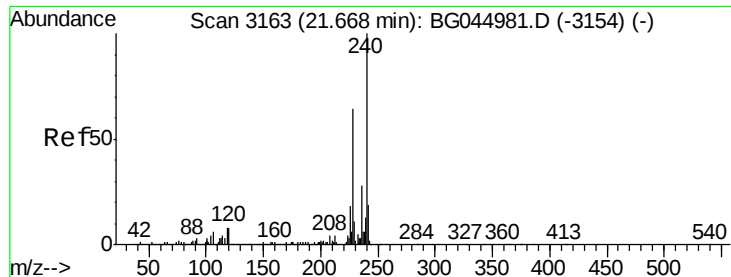


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG045013.D

Acq: 16 Apr 2020 19:30

Instrument :

BNA\_G

ClientSampleId :

TP-12-DA

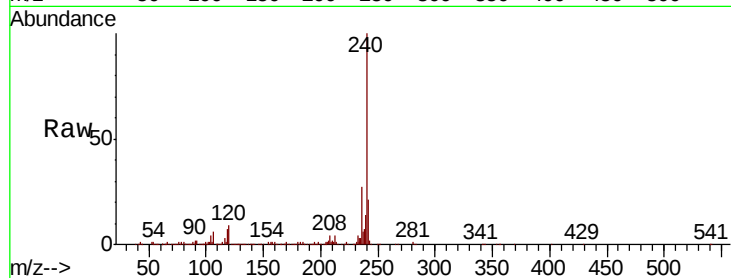
Tot Ion:240 Resp: 564552

Ion Ratio Lower Upper

240 100

120 8.7 6.6 10.0

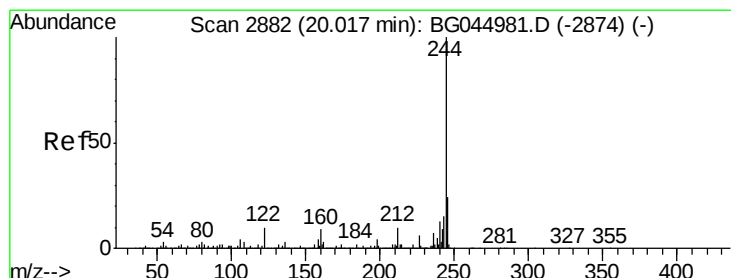
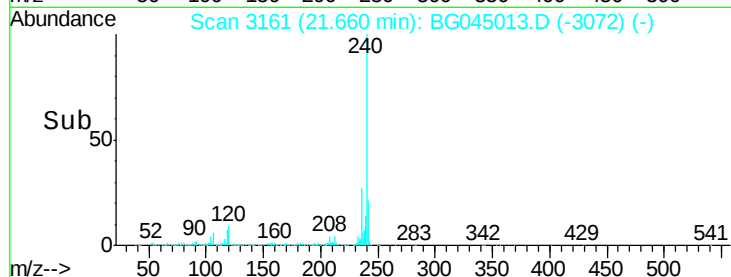
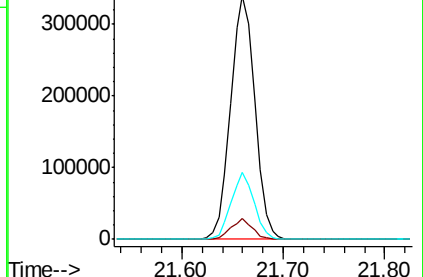
236 27.3 22.2 33.2



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: 62.368 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG045013.D

Acq: 16 Apr 2020 19:30

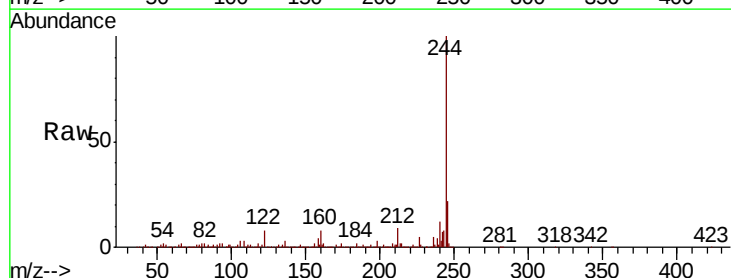
Tgt Ion:244 Resp: 1615455

Ion Ratio Lower Upper

244 100

212 8.9 7.9 11.9

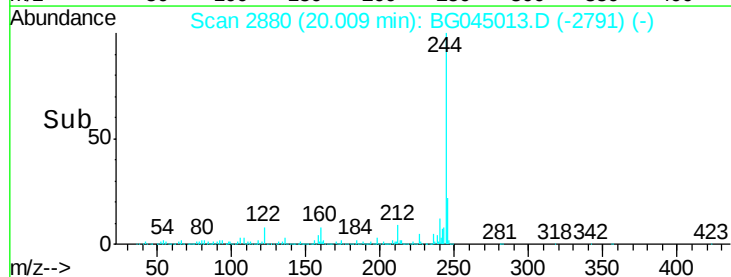
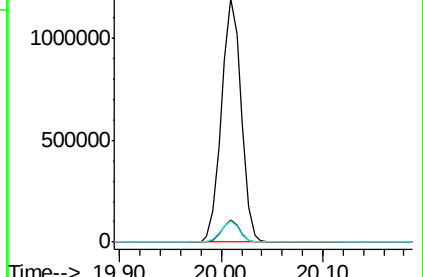
122 8.4 7.7 11.5



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# 3704  
Delta R.T. -0.01 min  
Lab File: BG045013.D  
Acq: 16 Apr 2020 19:30

Instrument :  
BNA\_G  
ClientSampleId :  
TP-12-DA

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.3  | 19.2  | 28.8  |
| 265     | 22.2  | 19.0  | 28.4  |

