

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\  
 Data File : BG044739.D  
 Acq On : 12 Mar 2020 17:30  
 Operator : CG/JU  
 Sample : L1893-14  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-4-SA

Quant Time: Mar 13 07:16:01 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 10 16:27:39 2020  
 Response via : Initial Calibration

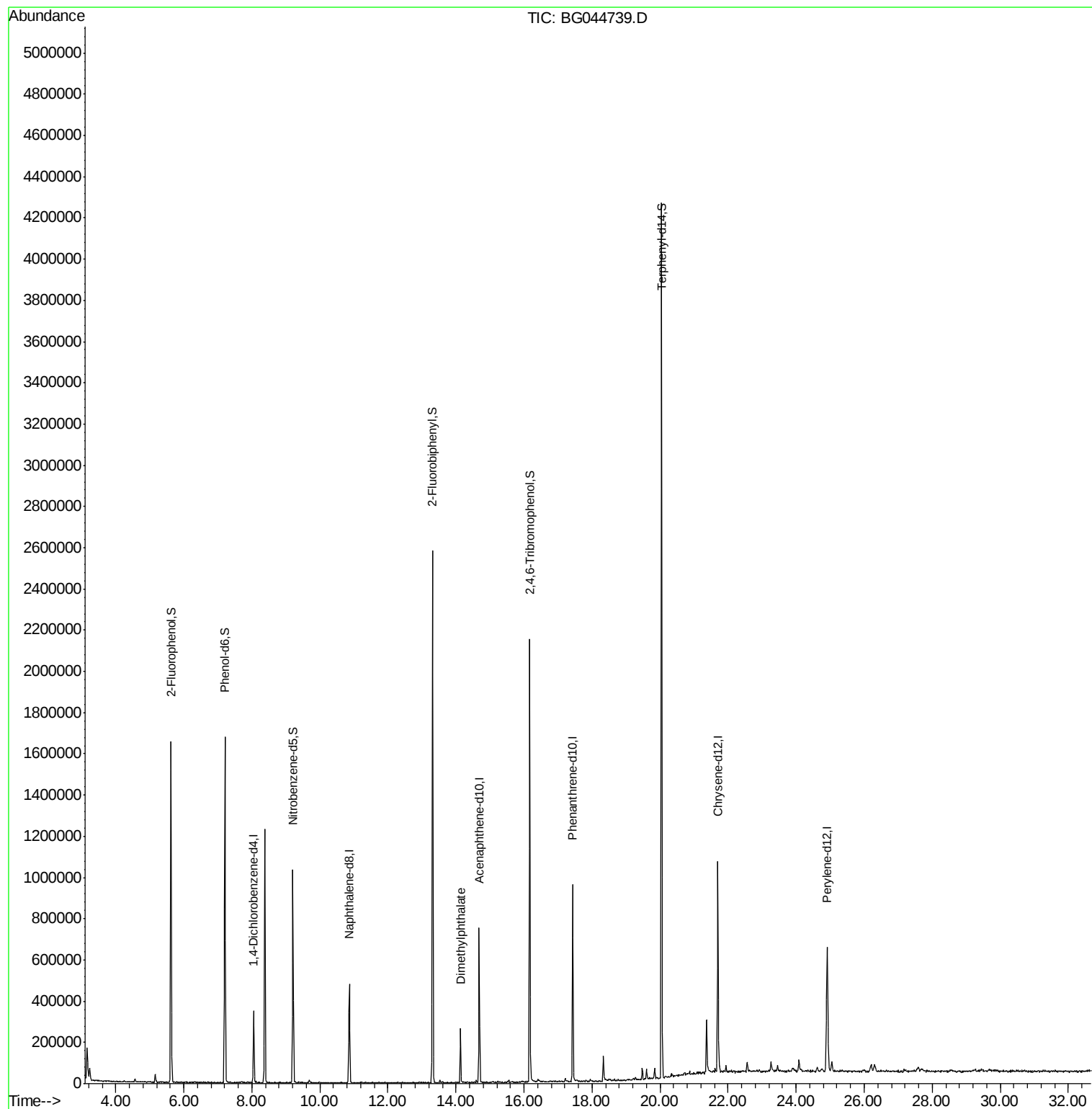
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.06  | 152  | 98936    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.86 | 136  | 401011   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.68 | 164  | 279350   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.43 | 188  | 602700   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.70 | 240  | 572789   | 20.00  | ng    | -0.01     |
| 87) Perylene-d12            | 24.91 | 264  | 647090   | 20.00  | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.62  | 112  | 689209   | 108.44 | ng    | 0.00      |
| 7) Phenol-d6                | 7.20  | 99   | 1012844  | 109.68 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.21  | 82   | 659699   | 72.19  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.17 | 330  | 378067   | 103.36 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.31 | 172  | 1362380  | 69.84  | ng    | 0.00      |
| 79) Terphenyl-d14           | 20.04 | 244  | 2038977  | 66.59  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 14.14 | 163  | 171552   | 7.711  | ng    | Qvalue 98 |

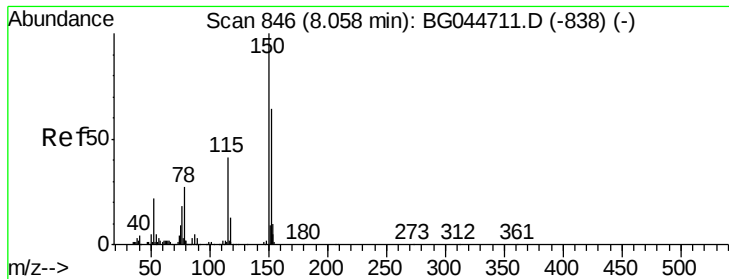
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA\_G  
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TP-4-SA

Quant Time: Mar 13 07:16:01 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Mar 10 16:27:39 2020  
Response via : Initial Calibration



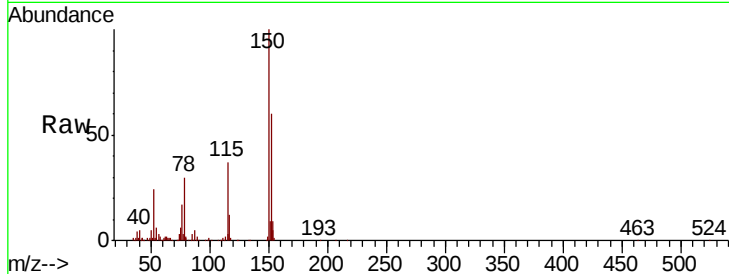


#1

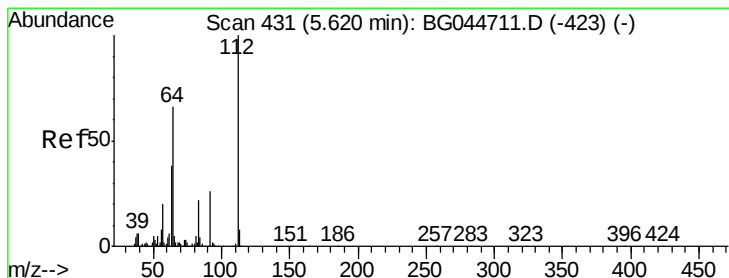
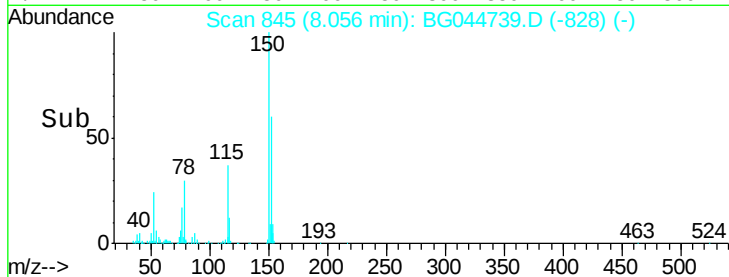
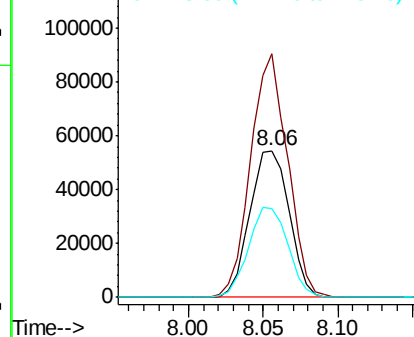
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 845  
Delta R.T. -0.00 min  
Lab File: BG044739.D  
Acq: 12 Mar 2020 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
TP-4-SA

Tot Ion:152 Resp: 98936  
Ion Ratio Lower Upper  
152 100  
150 166.4 125.3 187.9  
115 61.0 51.7 77.5



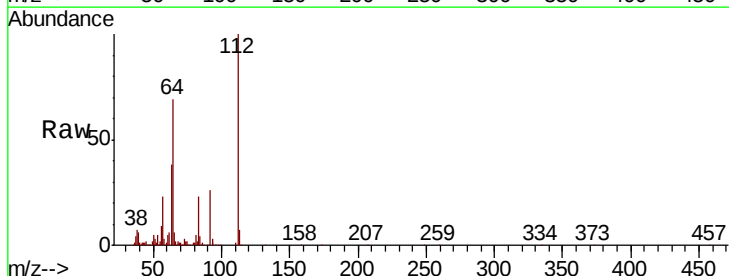
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



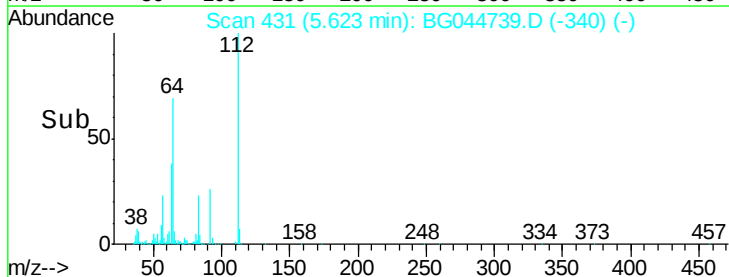
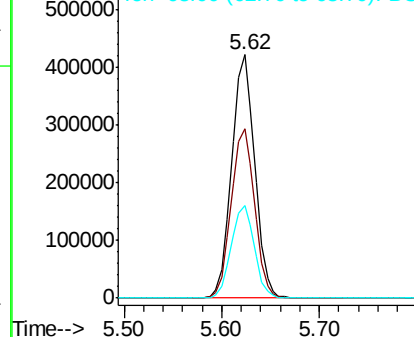
#5

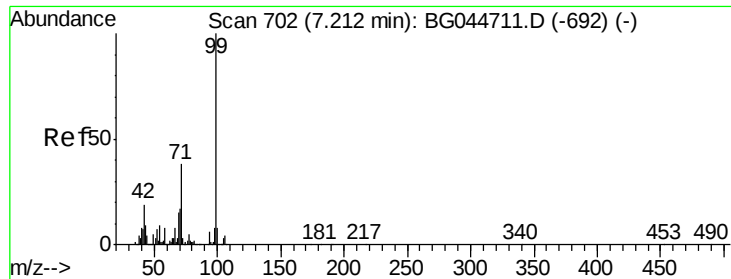
2-Fluorophenol  
Concen: 108.442 ng  
RT: 5.62 min Scan# 431  
Delta R.T. 0.00 min  
Lab File: BG044739.D  
Acq: 12 Mar 2020 17:30

Tgt Ion:112 Resp: 689209  
Ion Ratio Lower Upper  
112 100  
64 69.4 52.6 78.8  
63 38.1 30.2 45.4



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





#7

Phenol-d6

Concen: 109.685 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044739.D

Acq: 12 Mar 2020 17:30

Instrument :

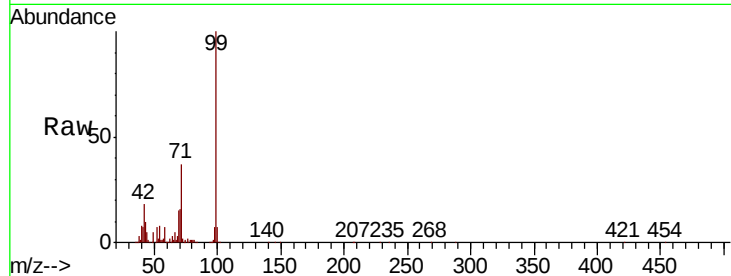
BNA\_G

ClientSampleId :

TP-4-SA

Tot Ion: 99 Resp: 1012844

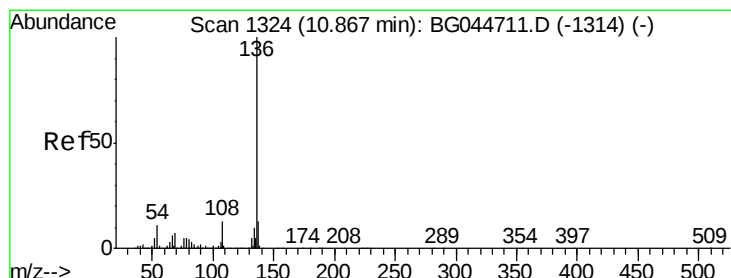
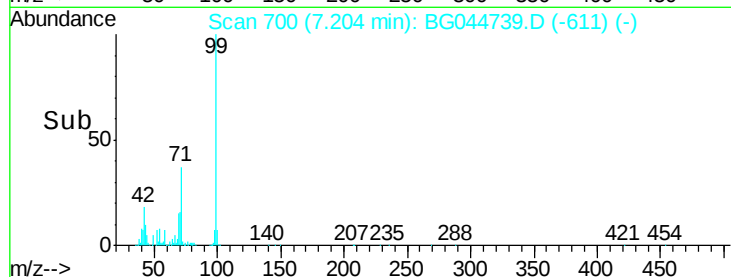
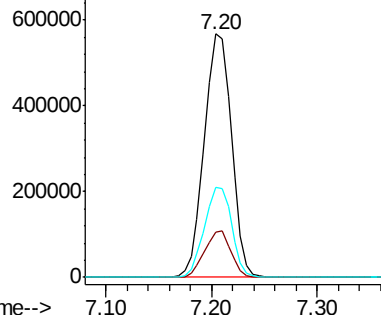
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.5  | 15.4  | 23.0  |
| 71  | 37.2  | 30.2  | 45.4  |



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: 10.86 min Scan# 1323

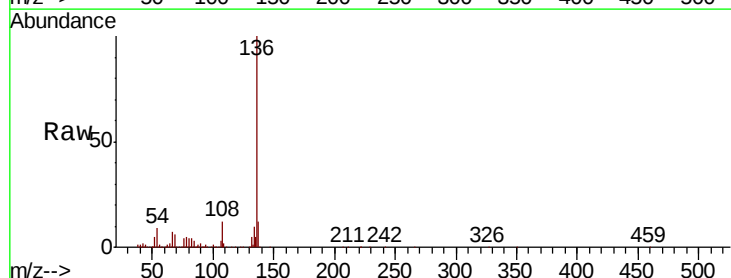
Delta R.T. -0.00 min

Lab File: BG044739.D

Acq: 12 Mar 2020 17:30

Tgt Ion: 136 Resp: 401011

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.7  | 10.7  | 16.1  |
| 54  | 9.4   | 9.0   | 13.4  |
| 68  | 6.4   | 5.9   | 8.9   |

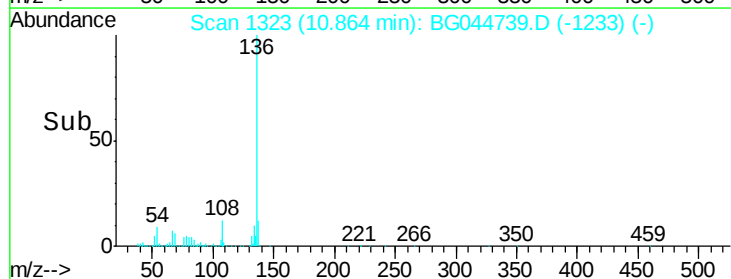
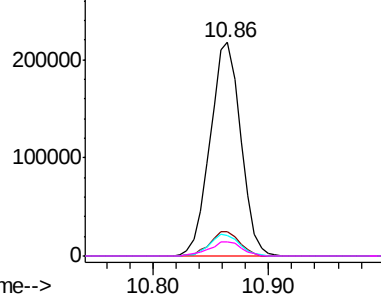


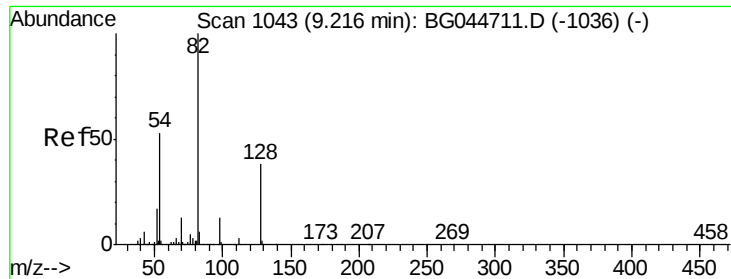
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

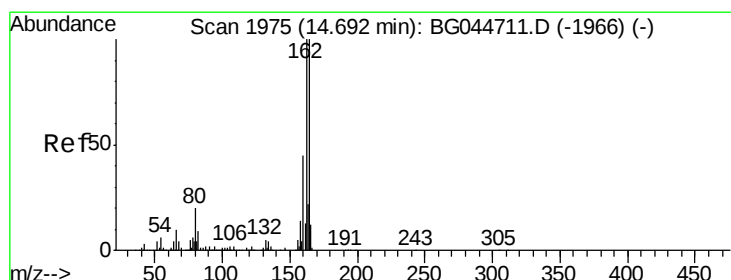
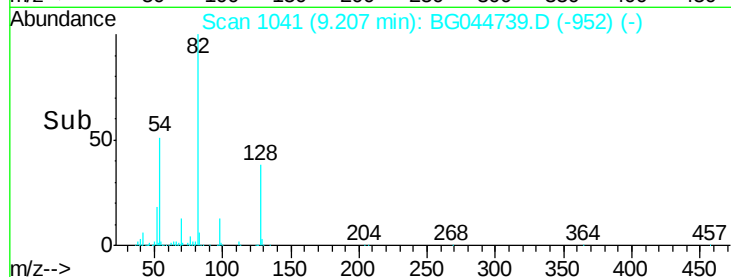
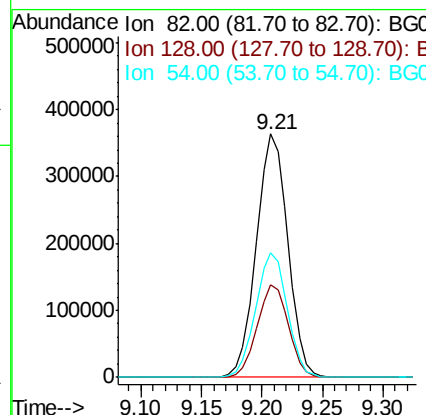
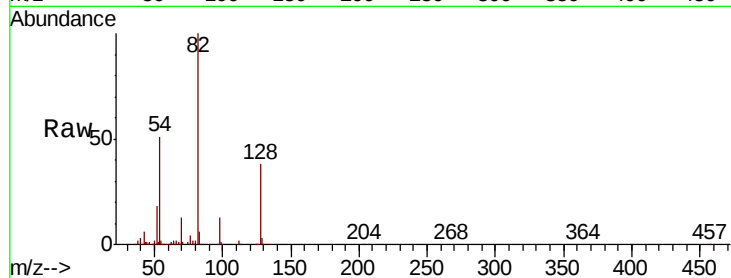




#23  
 Nitrobenzene-d5  
 Concen: 72.189 ng  
 RT: 9.21 min Scan# 1041  
 Delta R.T. -0.01 min  
 Lab File: BG044739.D  
 Acq: 12 Mar 2020 17:30

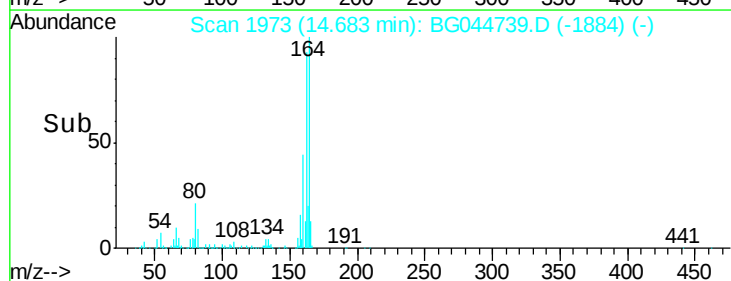
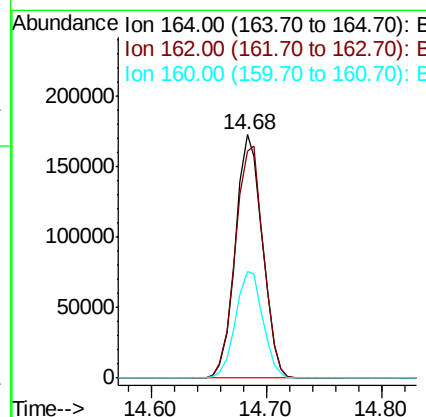
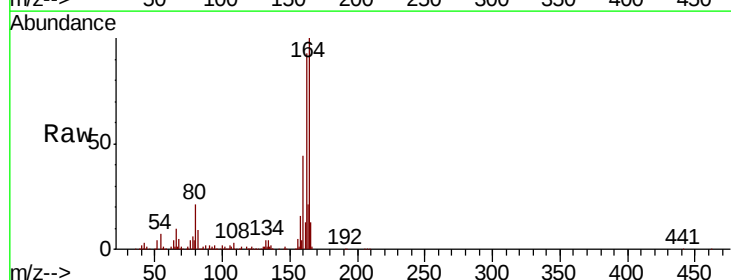
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-4-SA

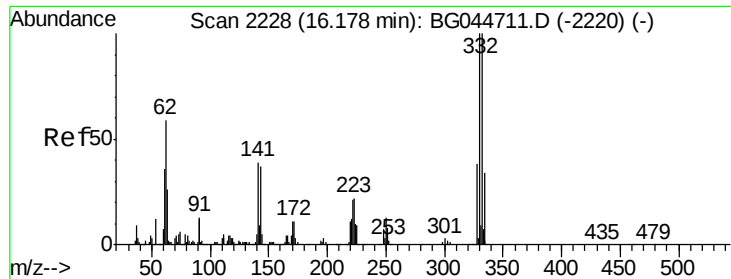
| Tot Ion   | 82    | Resp  | 659699 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 37.9  | 30.2  | 45.2   |
| 54        | 51.1  | 41.8  | 62.8   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.68 min Scan# 1973  
 Delta R.T. -0.01 min  
 Lab File: BG044739.D  
 Acq: 12 Mar 2020 17:30

| Tgt Ion   | 164   | Resp  | 279350 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 93.2  | 80.2  | 120.4  |
| 160       | 43.8  | 36.2  | 54.2   |





#42

2,4,6-Tribromophenol

Concen: 103.363 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG044739.D

Acq: 12 Mar 2020 17:30

Instrument :

BNA\_G

ClientSampleId :

TP-4-SA

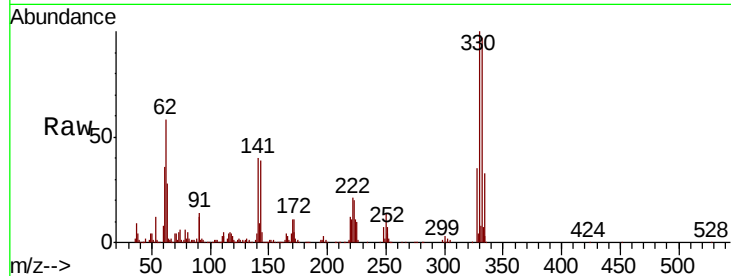
Tot Ion:330 Resp: 378067

Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

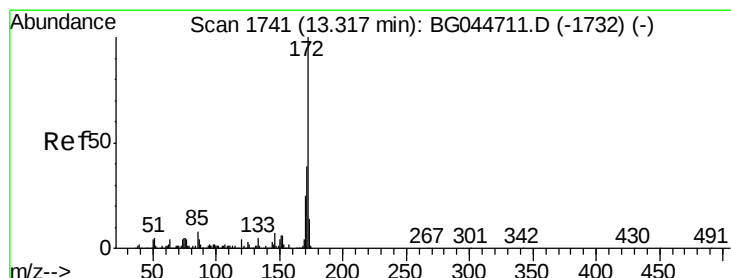
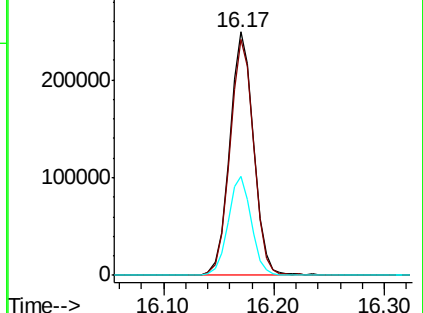
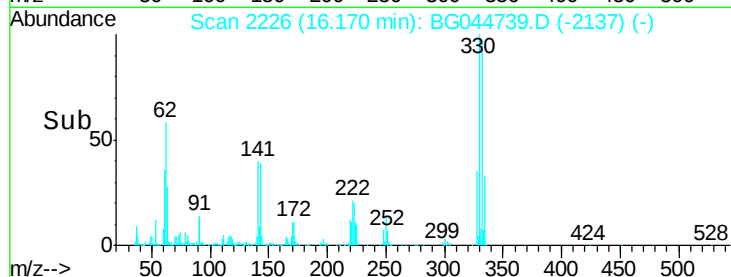
141 39.9 31.7 47.5



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: 69.840 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG044739.D

Acq: 12 Mar 2020 17:30

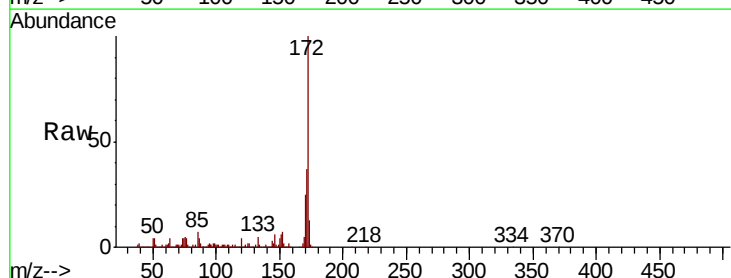
Tgt Ion:172 Resp: 1362380

Ion Ratio Lower Upper

172 100

171 36.5 30.8 46.2

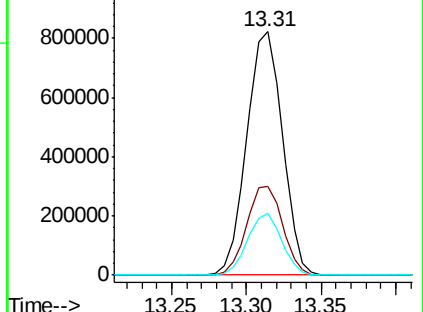
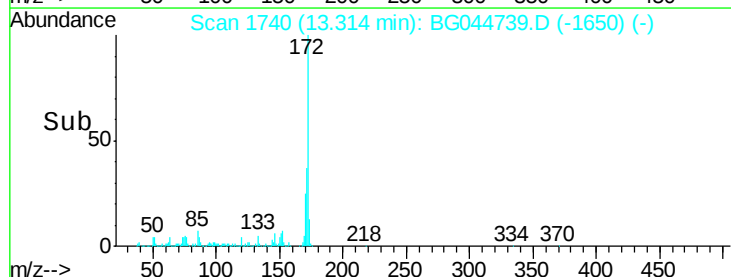
170 25.4 20.0 30.0



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: 7.711 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG044739.D

Acq: 12 Mar 2020 17:30

Instrument :

BNA\_G

ClientSampleId :

TP-4-SA

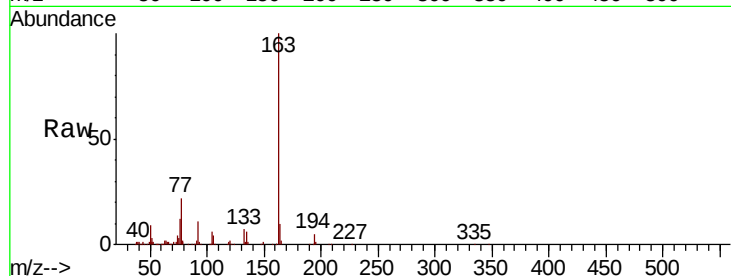
Tot Ion:163 Resp: 171552

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

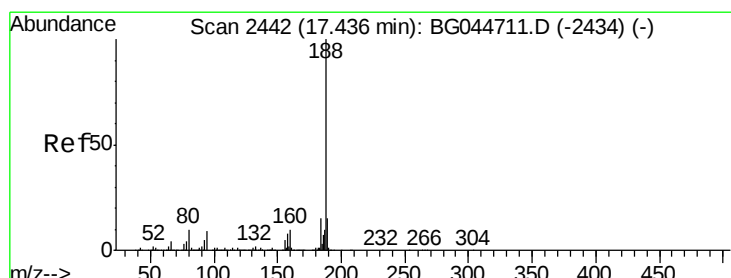
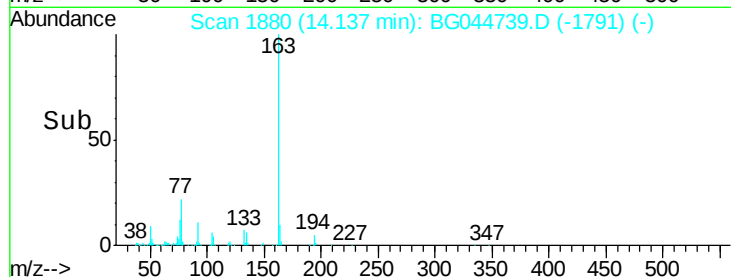
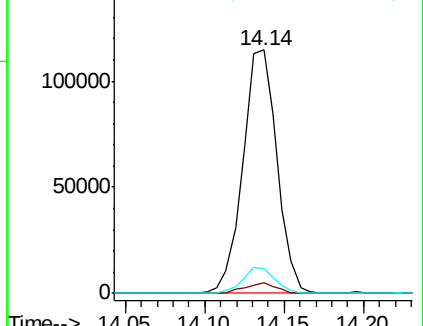
164 10.3 9.2 13.8



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: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG044739.D

Acq: 12 Mar 2020 17:30

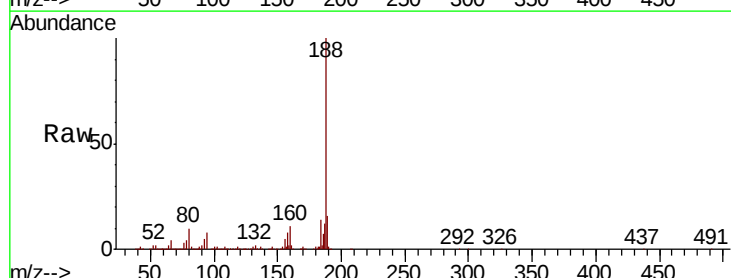
Tgt Ion:188 Resp: 602700

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

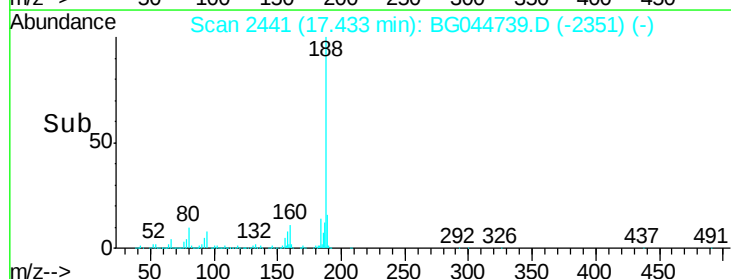
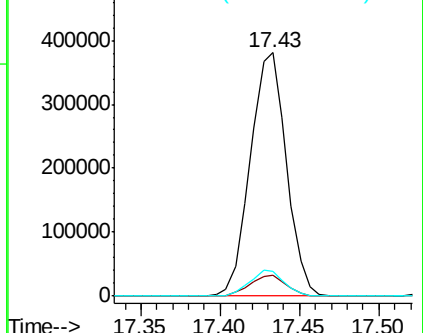
80 10.4 8.4 12.6

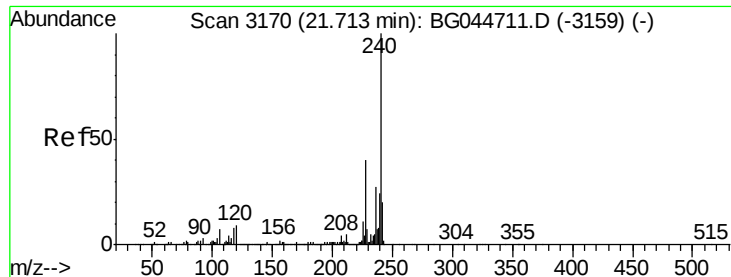


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

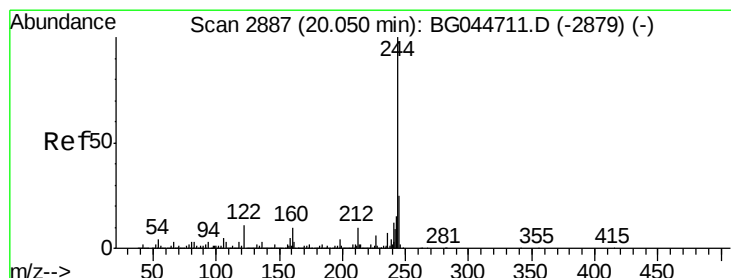
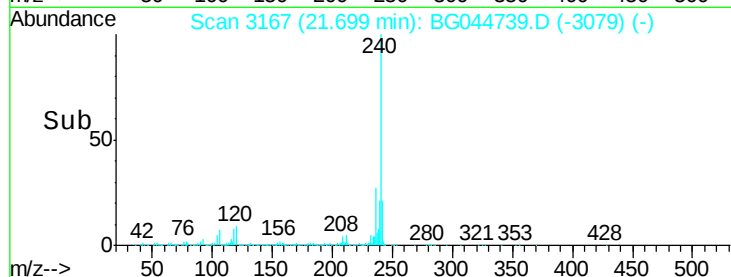
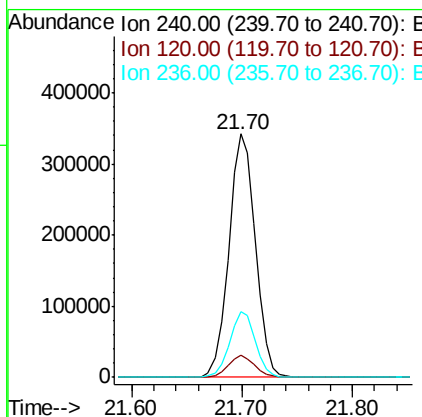
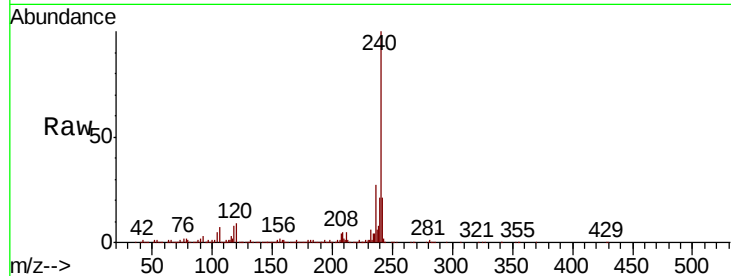




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.70 min Scan# 3167  
Delta R.T. -0.01 min  
Lab File: BG044739.D  
Acq: 12 Mar 2020 17:30

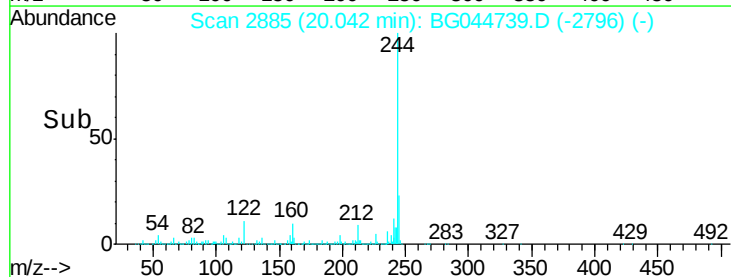
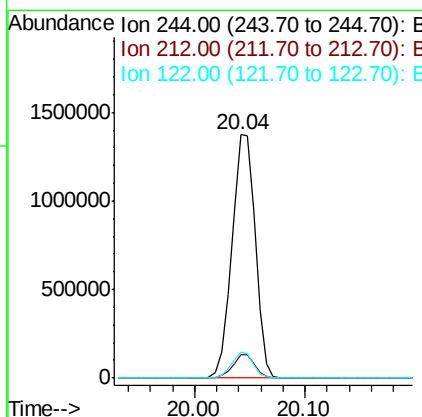
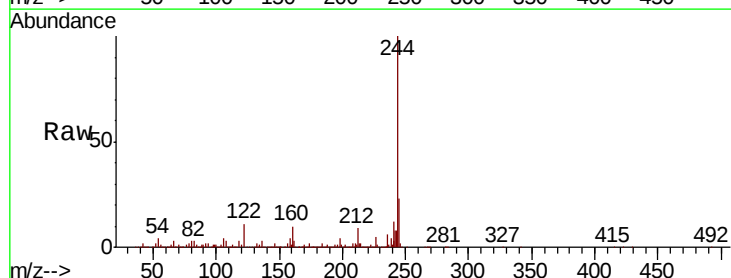
Instrument :  
BNA\_G  
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TP-4-SA

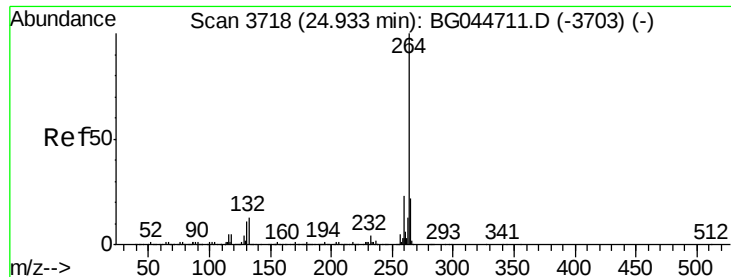
Tot Ion:240 Resp: 572789  
Ion Ratio Lower Upper  
240 100  
120 9.2 6.9 10.3  
236 27.1 21.9 32.9



#79  
Terphenyl-d14  
Concen: 66.587 ng  
RT: 20.04 min Scan# 2885  
Delta R.T. -0.01 min  
Lab File: BG044739.D  
Acq: 12 Mar 2020 17:30

Tgt Ion:244 Resp: 2038977  
Ion Ratio Lower Upper  
244 100  
212 9.5 8.4 12.6  
122 10.6 8.7 13.1





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.91 min Scan# 3714  
Delta R.T. -0.02 min  
Lab File: BG044739.D  
Acq: 12 Mar 2020 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
TP-4-SA

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.2  | 18.4  | 27.6  |
| 265     | 21.7  | 17.4  | 26.2  |

