

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\  
 Data File : BG045923.D  
 Acq On : 2 Jul 2020 20:45  
 Operator : CG/JU  
 Sample : L3172-21  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP8-SS

Quant Time: Jul 03 01:11:48 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 02 14:02:29 2020  
 Response via : Initial Calibration

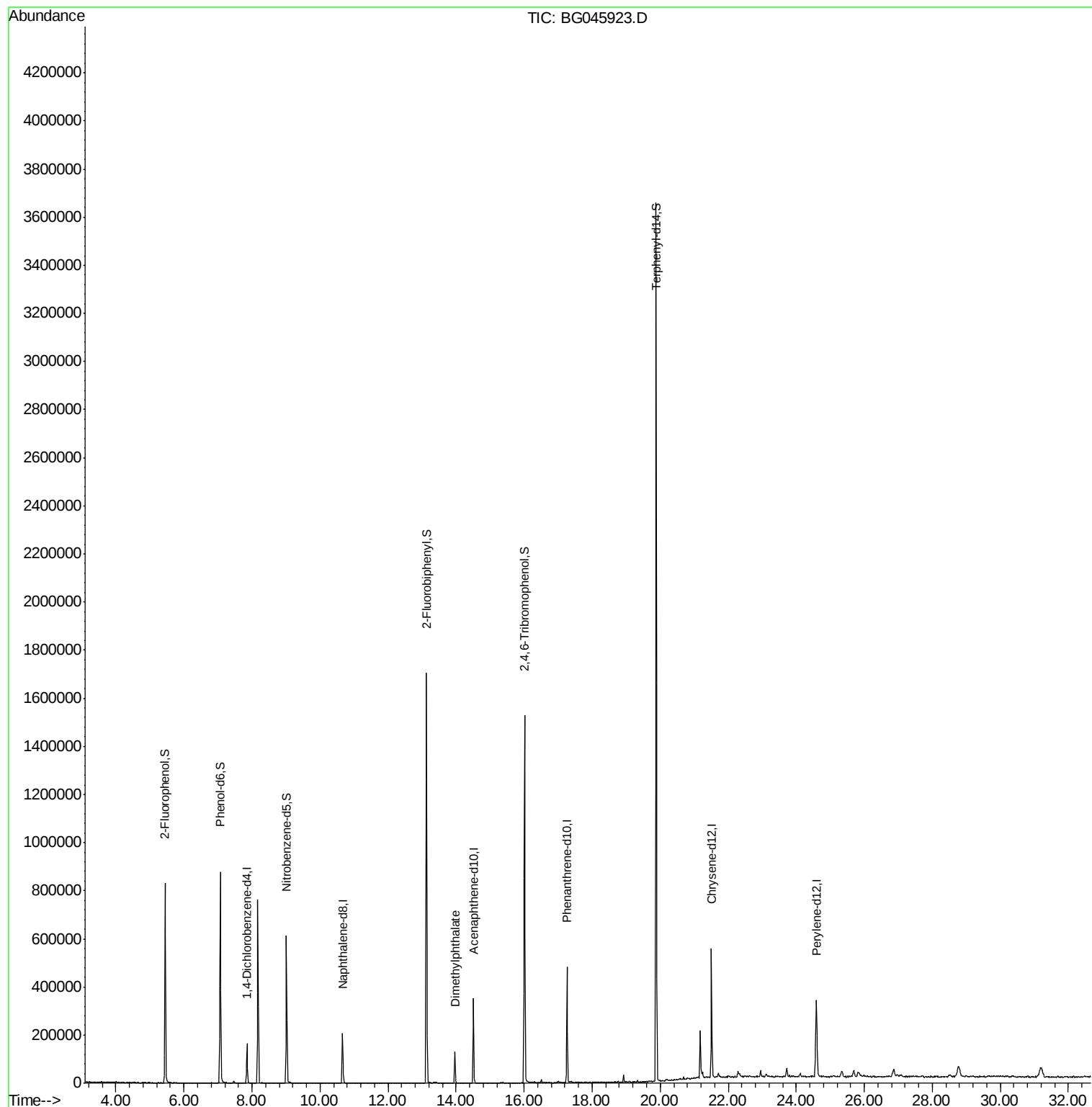
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.85  | 152  | 48001    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.66 | 136  | 181866   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.51 | 164  | 130004   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.26 | 188  | 302907   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.51 | 240  | 322526   | 20.00  | ng    | -0.01     |
| 86) Perylene-d12            | 24.59 | 264  | 336909   | 20.00  | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.45  | 112  | 394082   | 138.68 | ng    | 0.00      |
| 7) Phenol-d6                | 7.07  | 99   | 569181   | 131.68 | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 9.02  | 82   | 409089   | 102.76 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.01 | 330  | 293211   | 149.39 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.13 | 172  | 926534   | 104.73 | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.88 | 244  | 1657456  | 104.15 | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 13.97 | 163  | 89052    | 8.744  | ng    | Qvalue 98 |

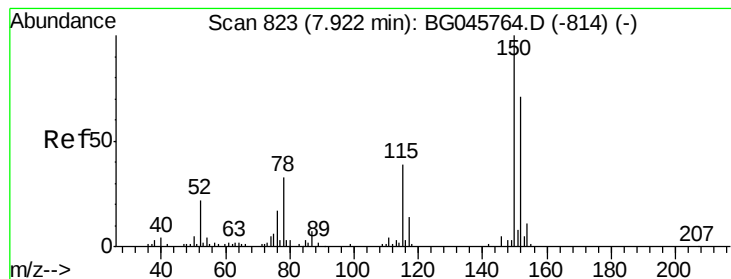
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TP8-SS

Quant Time: Jul 03 01:11:48 2020  
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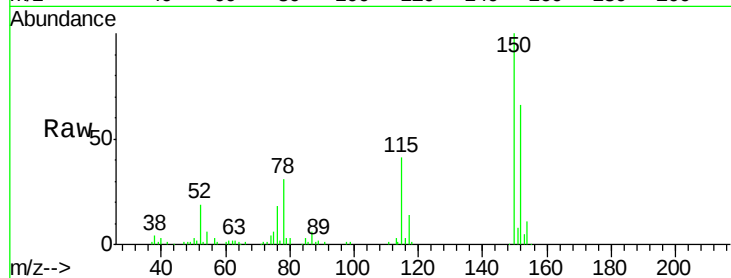


#1

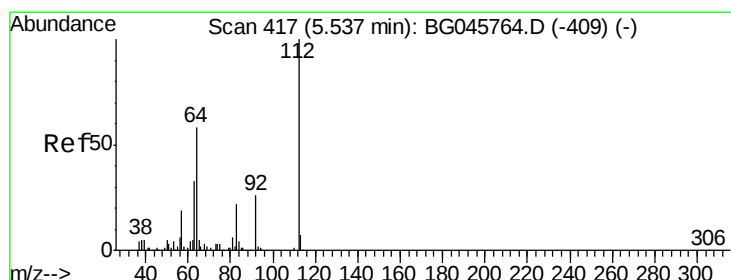
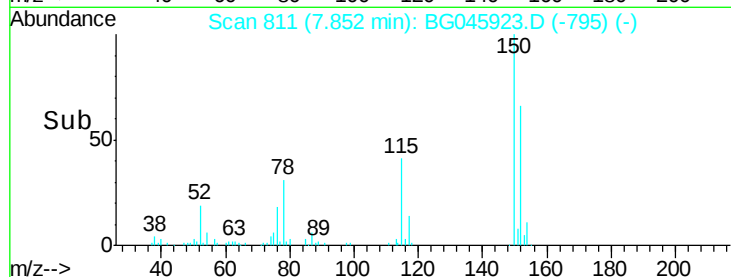
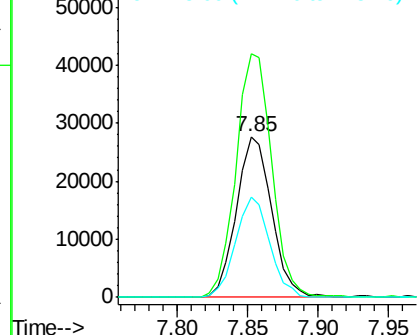
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.85 min Scan# 811  
Delta R.T. -0.00 min  
Lab File: BG045923.D  
Acq: 2 Jul 2020 20:45

Instrument :  
BNA\_G  
ClientSampled :  
TP8-SS

Tot Ion:152 Resp: 48001  
Ion Ratio Lower Upper  
152 100  
150 151.5 124.5 186.7  
115 62.4 45.8 68.8



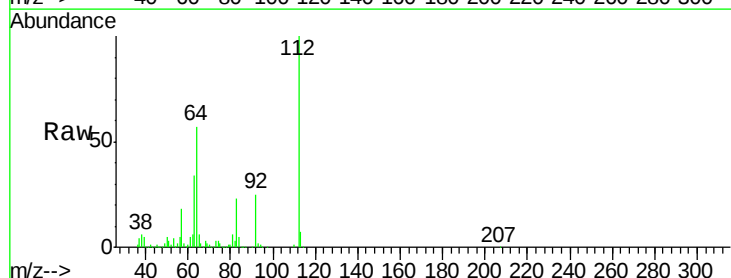
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



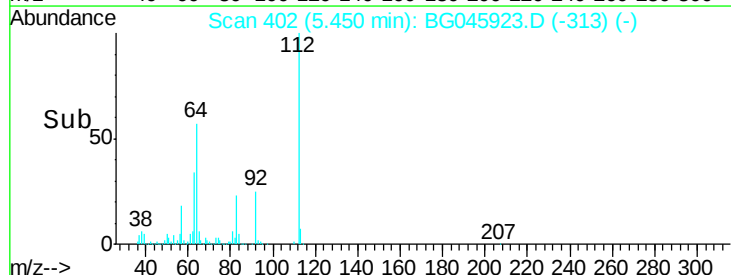
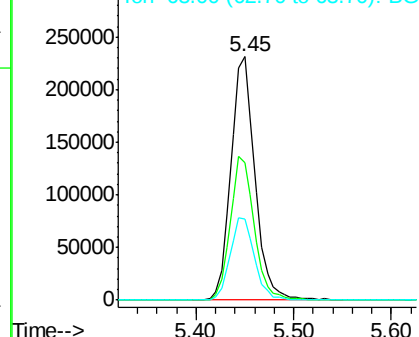
#5

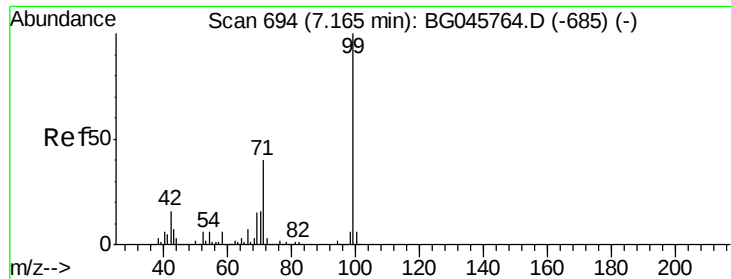
2-Fluorophenol  
Concen: 138.684 ng  
RT: 5.45 min Scan# 402  
Delta R.T. -0.00 min  
Lab File: BG045923.D  
Acq: 2 Jul 2020 20:45

Tgt Ion:112 Resp: 394082  
Ion Ratio Lower Upper  
112 100  
64 56.7 44.9 67.3  
63 33.6 26.9 40.3



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: 131.685 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045923.D

Acq: 2 Jul 2020 20:45

Instrument :

BNA\_G

ClientSampleId :

TP8-SS

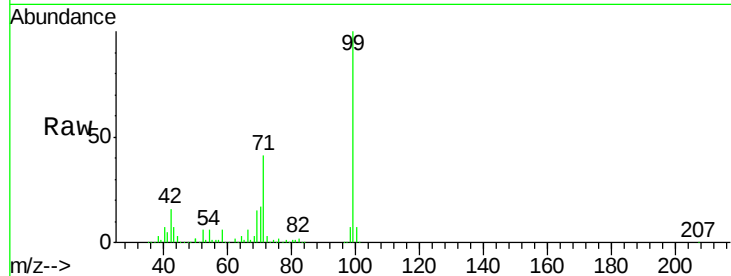
Tot Ion: 99 Resp: 569181

Ion Ratio Lower Upper

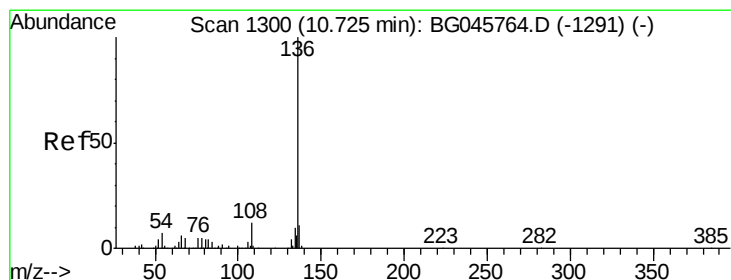
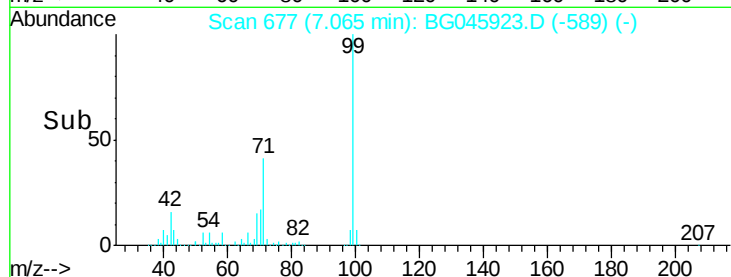
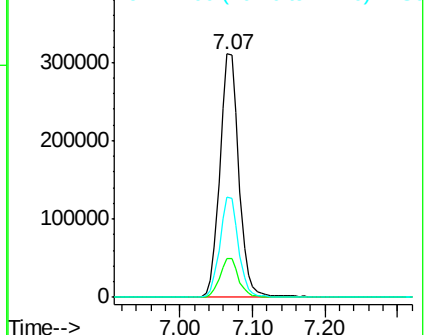
99 100

42 16.0 11.8 17.8

71 40.9 31.0 46.6



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: 10.66 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG045923.D

Acq: 2 Jul 2020 20:45

Tgt Ion: 136 Resp: 181866

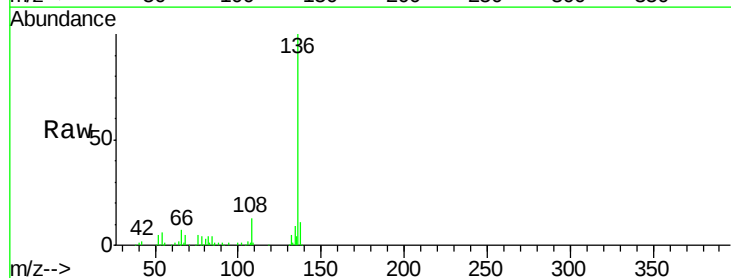
Ion Ratio Lower Upper

136 100

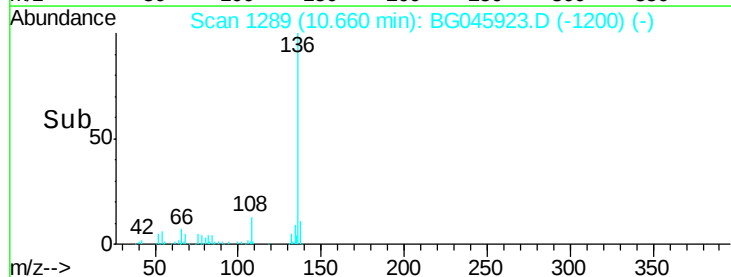
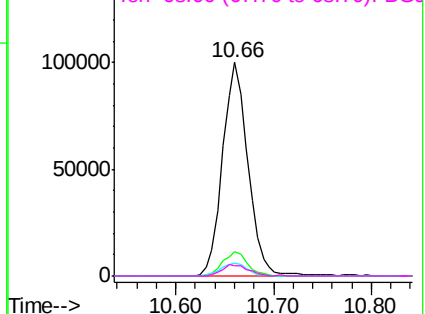
137 11.5 8.2 12.4

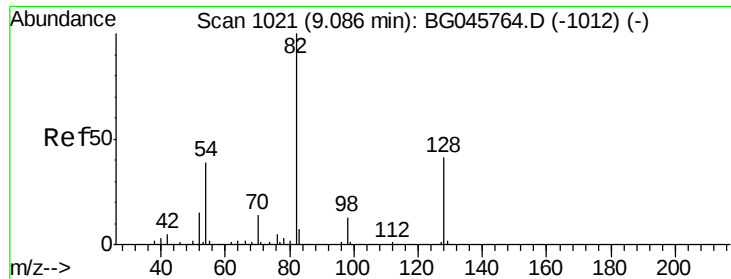
54 6.1 4.6 7.0

68 4.9 5.0 7.4#



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

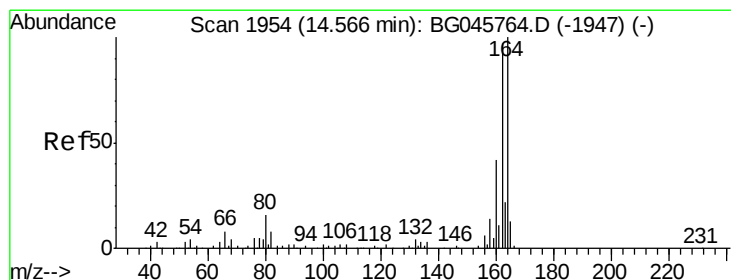
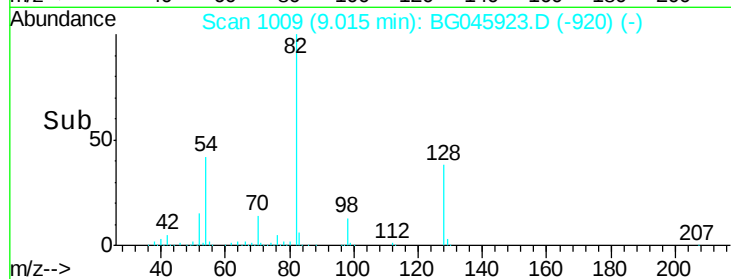
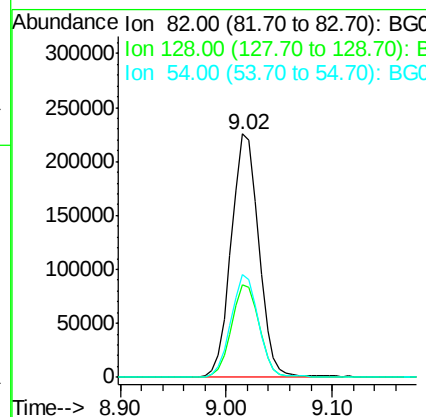
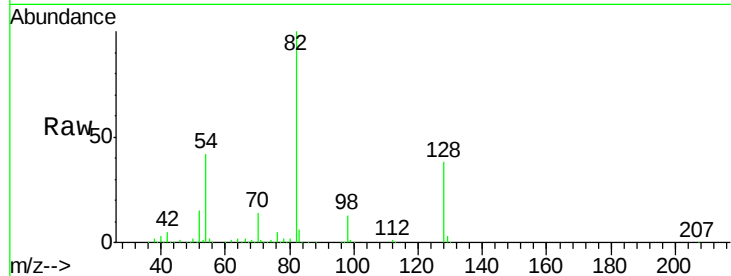




#23  
 Nitrobenzene-d5  
 Concen: 102.760 ng  
 RT: 9.02 min Scan# 1009  
 Delta R.T. -0.00 min  
 Lab File: BG045923.D  
 Acq: 2 Jul 2020 20:45

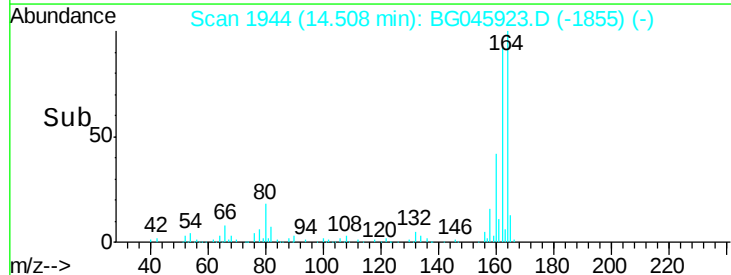
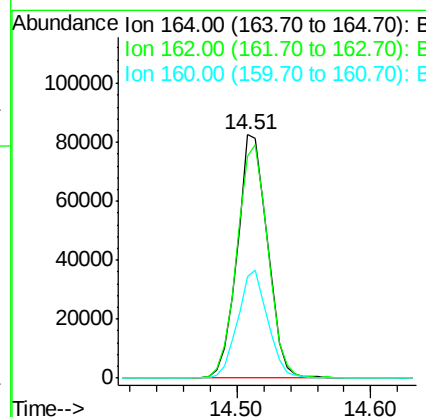
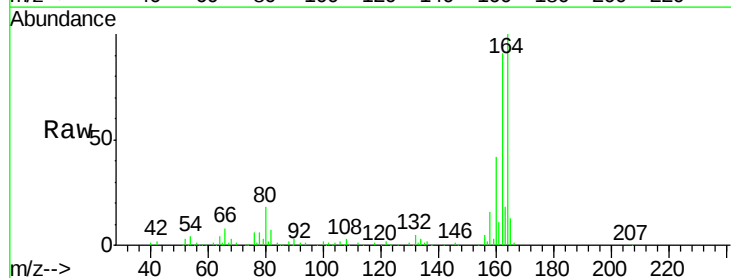
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP8-SS

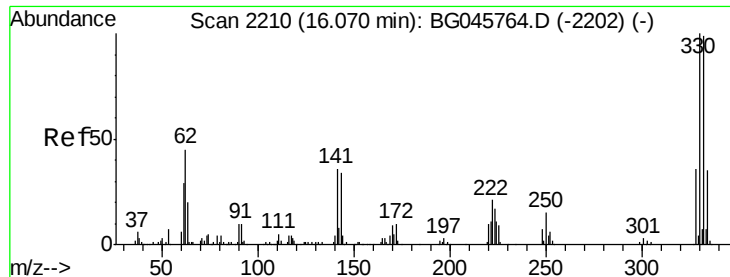
| Tot Ion   | 82   | Resp  | 409089 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 37.8 | 29.9  | 44.9   |
| 54        | 42.5 | 33.3  | 49.9   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.51 min Scan# 1944  
 Delta R.T. -0.00 min  
 Lab File: BG045923.D  
 Acq: 2 Jul 2020 20:45

| Tgt Ion   | 164  | Resp  | 130004 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 162       | 91.3 | 78.8  | 118.2  |
| 160       | 41.8 | 33.8  | 50.6   |





#42

2,4,6-Tribromophenol

Concen: 149.390 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG045923.D

Acq: 2 Jul 2020 20:45

Instrument :

BNA\_G

ClientSampleId :

TP8-SS

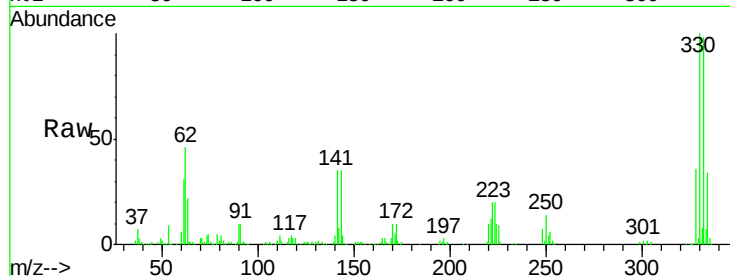
Tot Ion:330 Resp: 293211

Ion Ratio Lower Upper

330 100

332 98.3 79.4 119.0

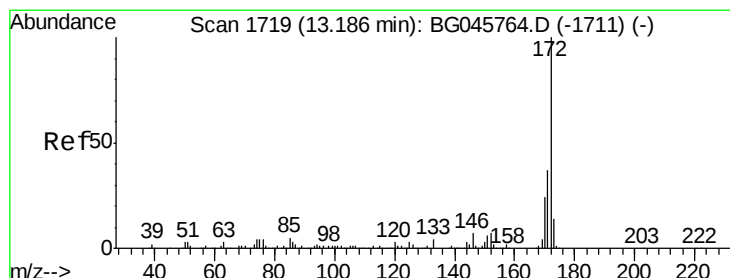
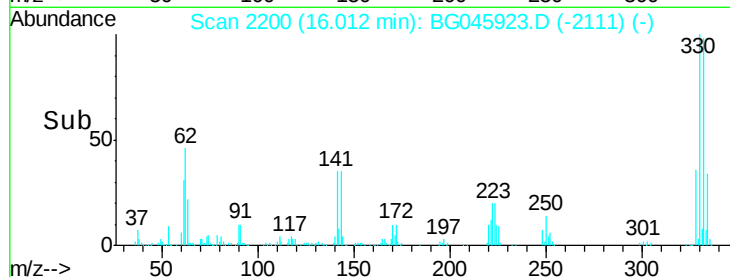
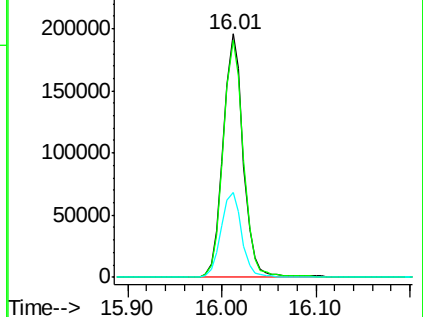
141 35.6 28.2 42.2



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: 104.735 ng

RT: 13.13 min Scan# 1710

Delta R.T. 0.00 min

Lab File: BG045923.D

Acq: 2 Jul 2020 20:45

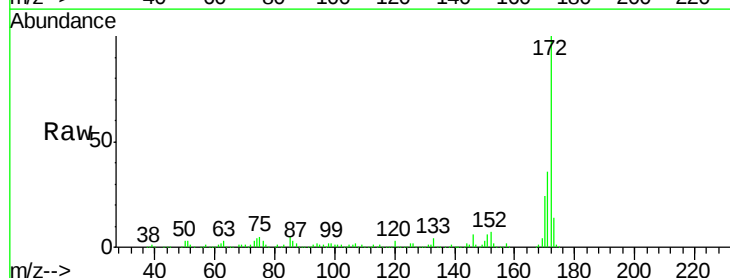
Tgt Ion:172 Resp: 926534

Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

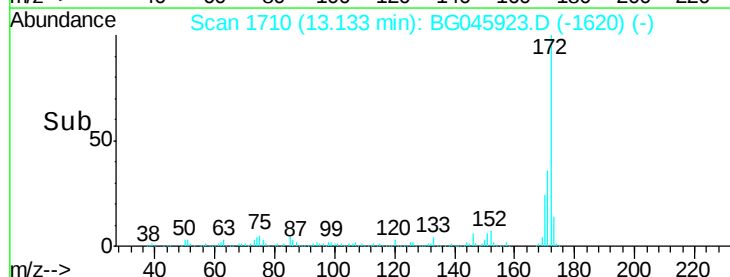
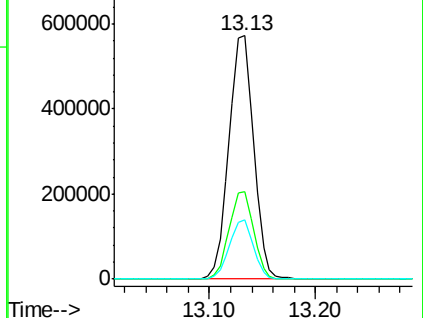
170 24.5 18.9 28.3

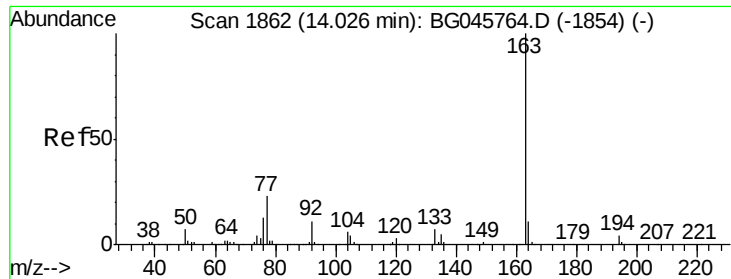


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.744 ng

RT: 13.97 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG045923.D

Acq: 2 Jul 2020 20:45

Instrument :

BNA\_G

ClientSampleId :

TP8-SS

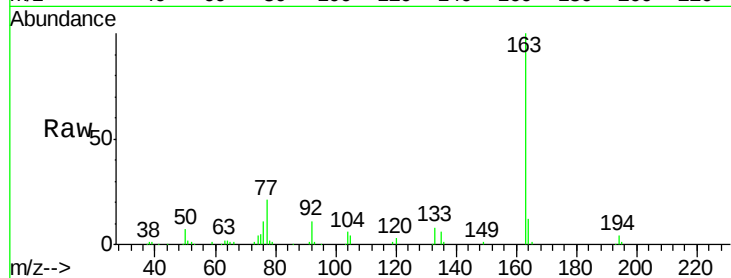
Tot Ion:163 Resp: 89052

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

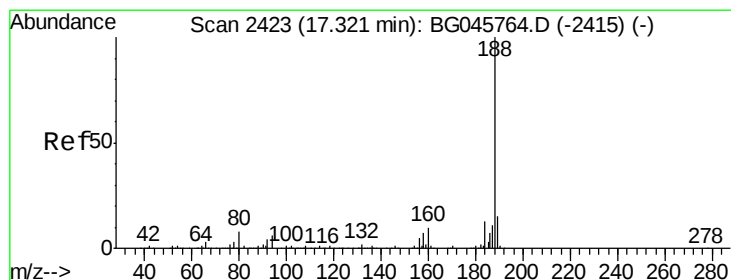
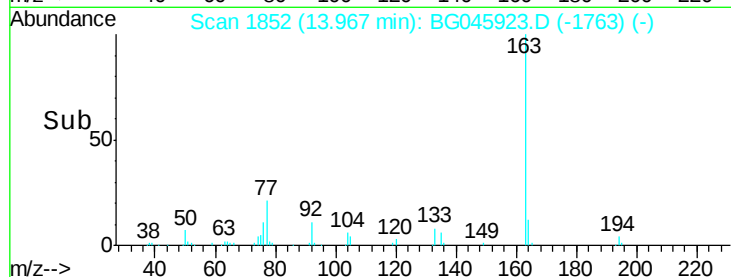
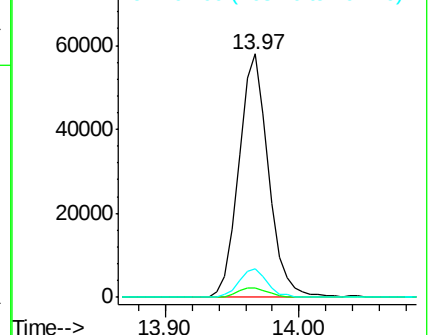
164 11.6 8.7 13.1



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: 17.26 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG045923.D

Acq: 2 Jul 2020 20:45

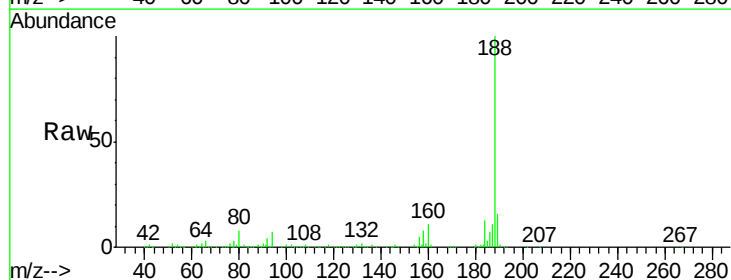
Tgt Ion:188 Resp: 302907

Ion Ratio Lower Upper

188 100

94 6.7 5.5 8.3

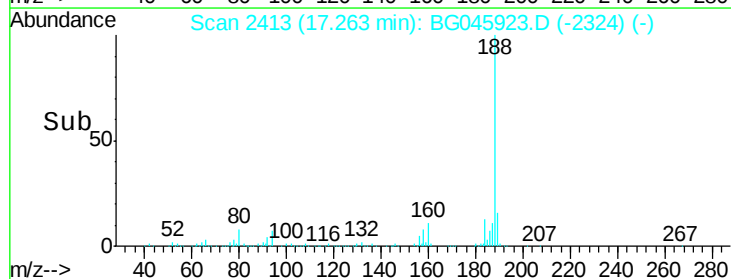
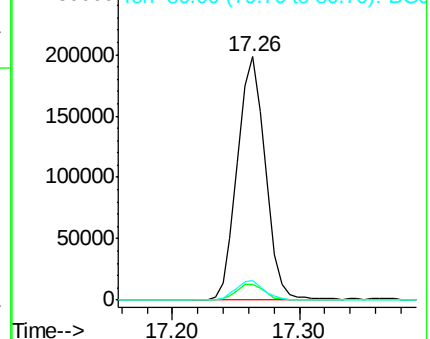
80 8.1 6.1 9.1

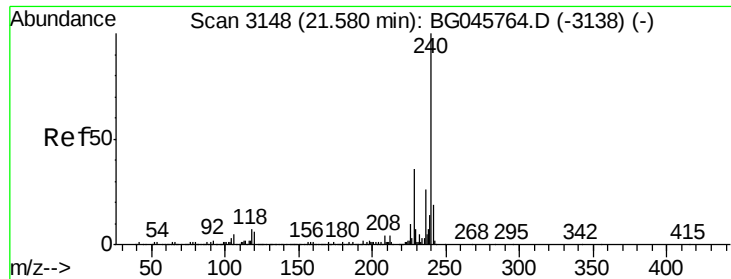


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

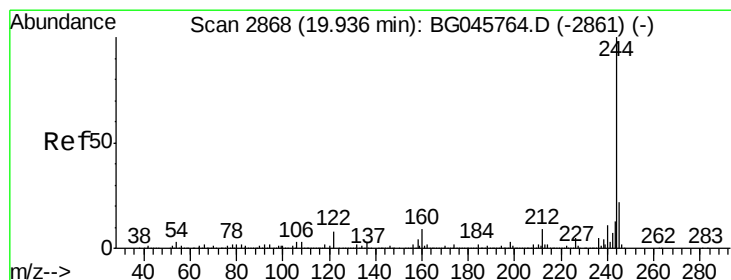
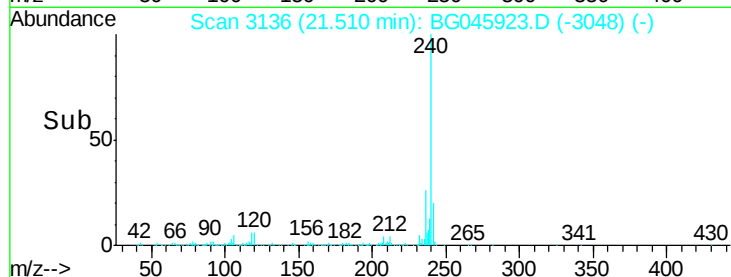
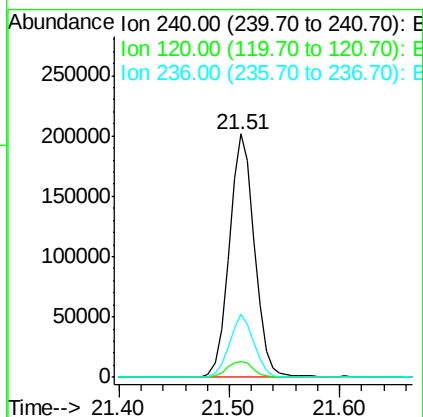
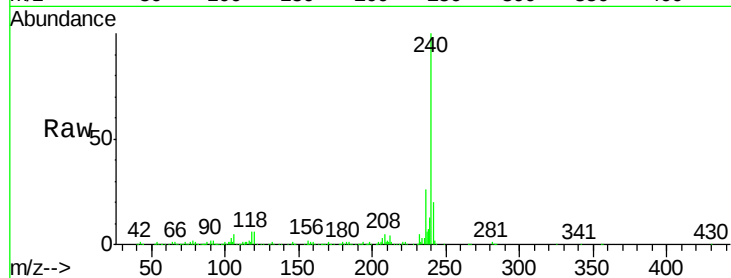




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.51 min Scan# 3136  
Delta R.T. -0.01 min  
Lab File: BG045923.D  
Acq: 2 Jul 2020 20:45

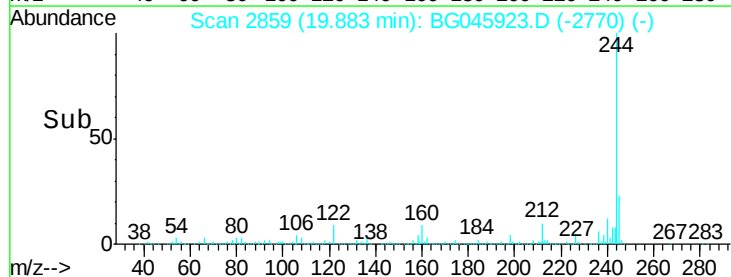
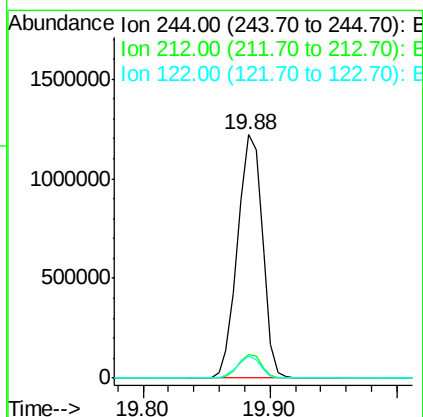
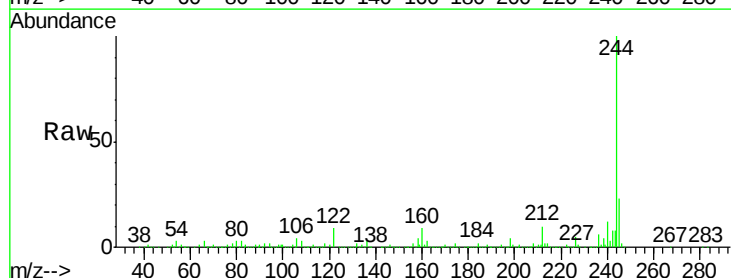
Instrument :  
BNA\_G  
ClientSampled :  
TP8-SS

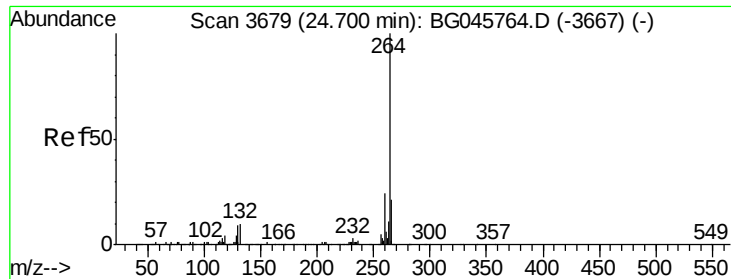
Tot Ion:240 Resp: 322526  
Ion Ratio Lower Upper  
240 100  
120 6.3 5.2 7.8  
236 25.7 20.8 31.2



#79  
Terphenyl-d14  
Concen: 104.146 ng  
RT: 19.88 min Scan# 2859  
Delta R.T. -0.00 min  
Lab File: BG045923.D  
Acq: 2 Jul 2020 20:45

Tgt Ion:244 Resp: 1657456  
Ion Ratio Lower Upper  
244 100  
212 9.7 7.0 10.6  
122 8.9 6.6 9.8





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.59 min Scan# 3660  
Delta R.T. -0.01 min  
Lab File: BG045923.D  
Acq: 2 Jul 2020 20:45

Instrument :  
BNA\_G  
ClientSampleId :  
TP8-SS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.8  | 18.5  | 27.7  |
| 265     | 22.0  | 16.4  | 24.6  |

