

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\  
 Data File : BG046560.D  
 Acq On : 8 Sep 2020 16:35  
 Operator : CG/JU  
 Sample : L3919-11  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-13

Quant Time: Sep 08 18:57:45 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 02 15:06:53 2020  
 Response via : Initial Calibration

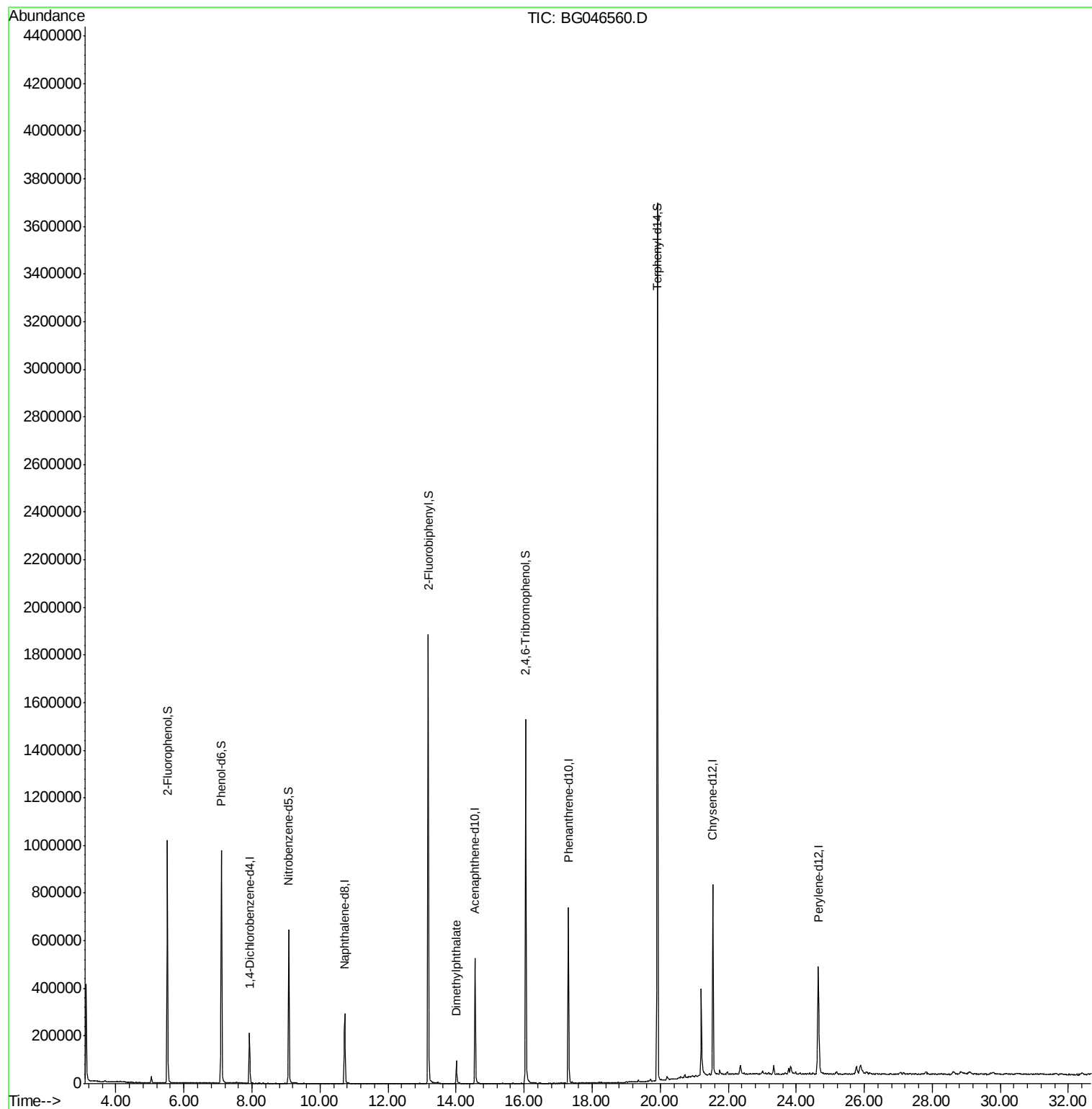
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.93  | 152  | 67910    | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 10.73 | 136  | 277152   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 14.56 | 164  | 198092   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 17.30 | 188  | 500201   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 21.55 | 240  | 505637   | 20.00  | ng    | 0.00         |
| 86) Perylene-d12            | 24.65 | 264  | 490716   | 20.00  | ng    | -0.01        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.52  | 112  | 471907   | 123.08 | ng    | 0.00         |
| 7) Phenol-d6                | 7.10  | 99   | 633779   | 116.60 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 9.08  | 82   | 421797   | 86.98  | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 16.05 | 330  | 327600   | 122.06 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 13.18 | 172  | 1071936  | 82.61  | ng    | 0.00         |
| 79) Terphenyl-d14           | 19.92 | 244  | 1681302  | 70.76  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 14.01 | 163  | 84398    | 5.507  | ng    | Qvalue<br>98 |

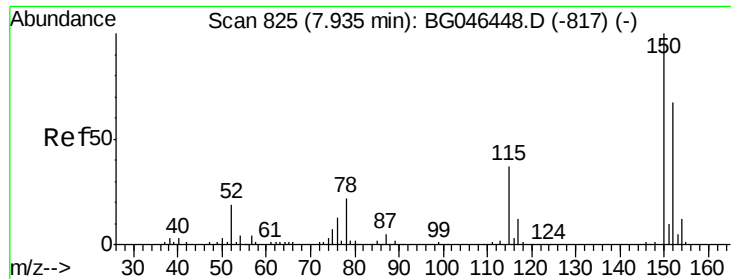
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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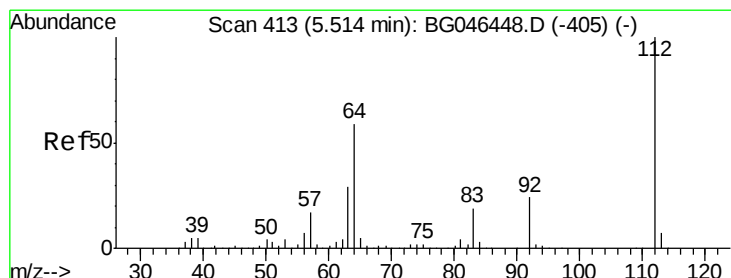
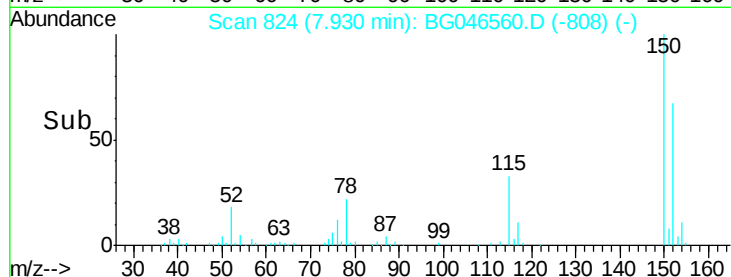
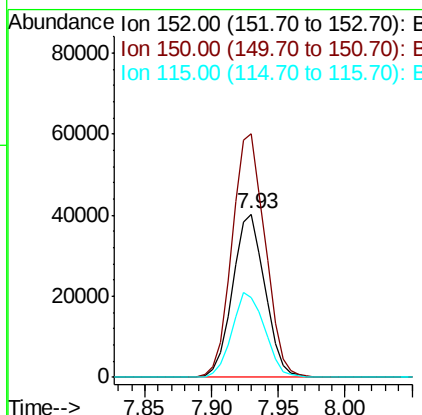
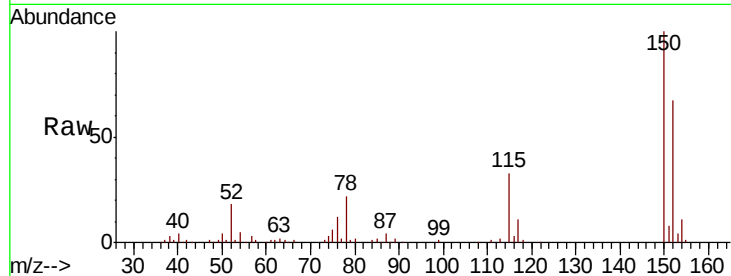




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.93 min Scan# 824  
 Delta R.T. -0.00 min  
 Lab File: BG046560.D  
 Acq: 8 Sep 2020 16:35

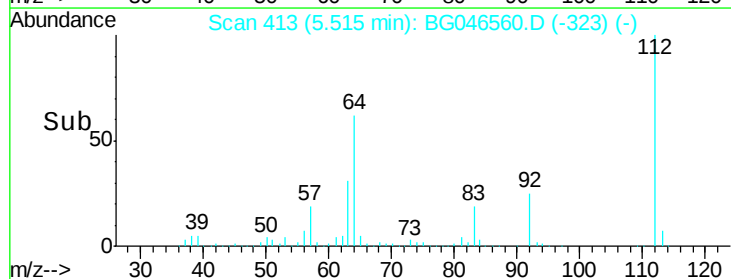
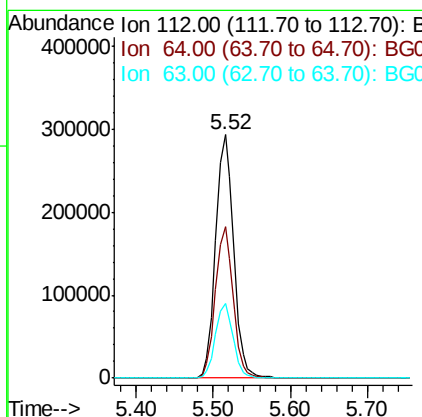
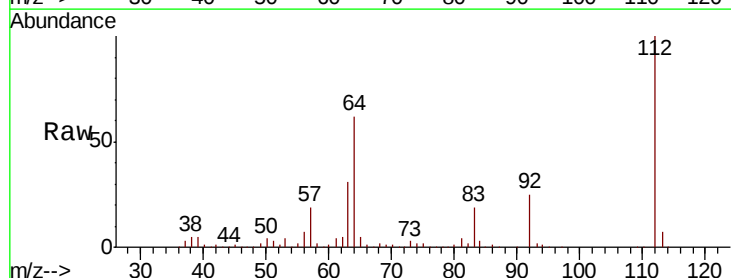
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-13

Tot Ion:152 Resp: 67910  
 Ion Ratio Lower Upper  
 152 100  
 150 149.0 119.5 179.3  
 115 48.5 44.3 66.5



#5  
 2-Fluorophenol  
 Concen: 123.080 ng  
 RT: 5.52 min Scan# 413  
 Delta R.T. 0.00 min  
 Lab File: BG046560.D  
 Acq: 8 Sep 2020 16:35

Tgt Ion:112 Resp: 471907  
 Ion Ratio Lower Upper  
 112 100  
 64 62.4 47.0 70.6  
 63 30.6 23.5 35.3





#7

Phenol-d6

Concen: 116.604 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046560.D

Acq: 8 Sep 2020 16:35

Instrument :

BNA\_G

ClientSampleId :

TP-13

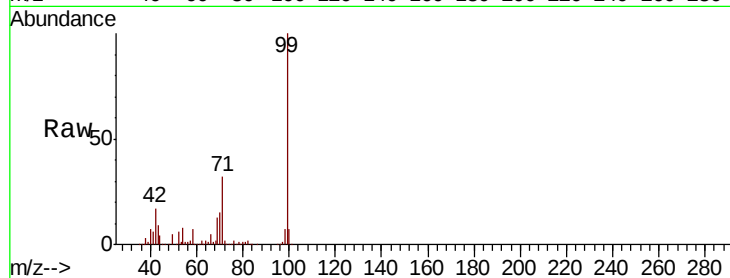
Tot Ion: 99 Resp: 633779

Ion Ratio Lower Upper

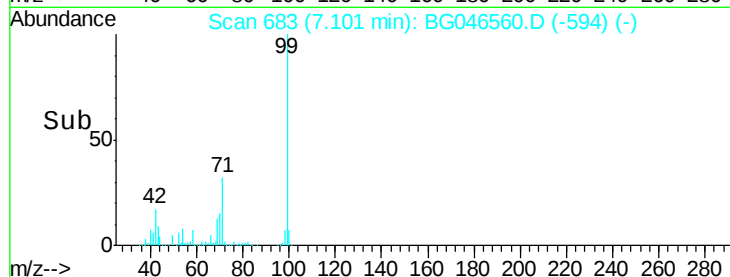
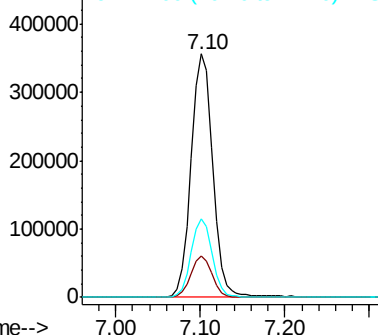
99 100

42 17.1 13.3 19.9

71 32.0 25.3 37.9



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: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG046560.D

Acq: 8 Sep 2020 16:35

Tgt Ion: 136 Resp: 277152

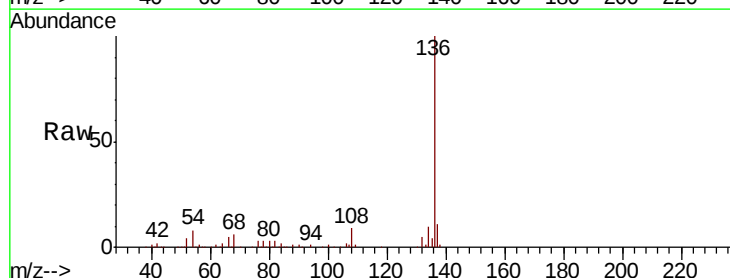
Ion Ratio Lower Upper

136 100

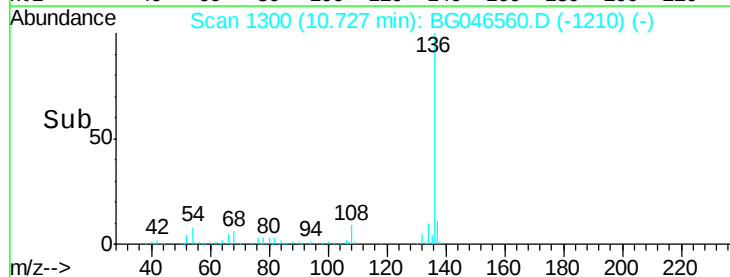
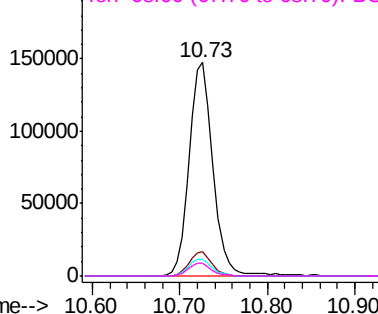
137 11.4 8.8 13.2

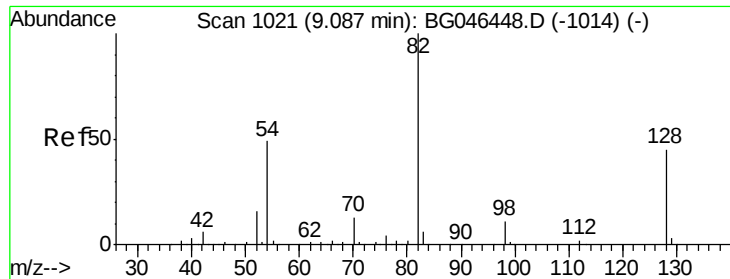
54 8.0 6.1 9.1

68 6.0 4.8 7.2



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

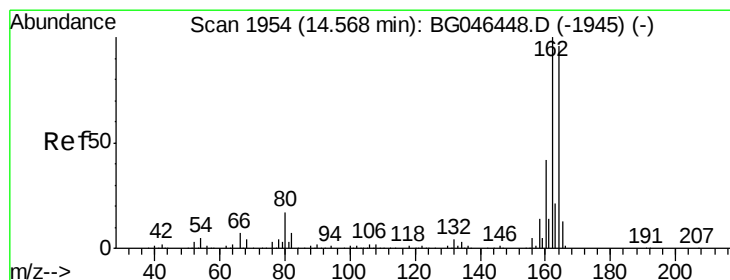
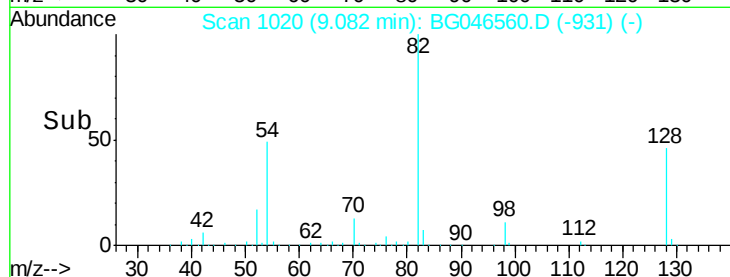
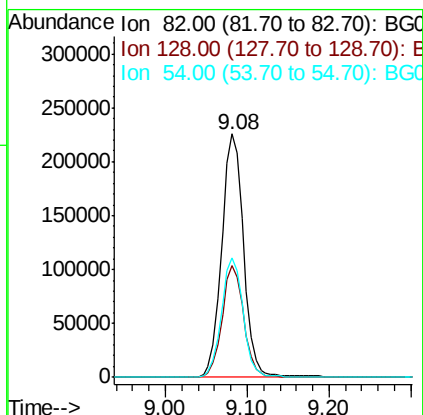
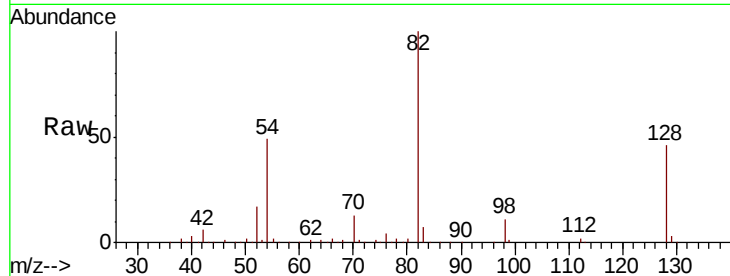




#23  
 Nitrobenzene-d5  
 Concen: 86.984 ng  
 RT: 9.08 min Scan# 1020  
 Delta R.T. -0.00 min  
 Lab File: BG046560.D  
 Acq: 8 Sep 2020 16:35

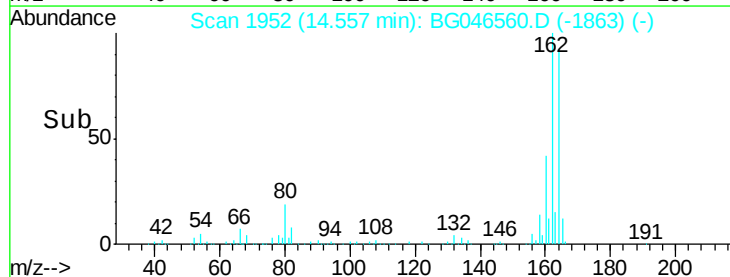
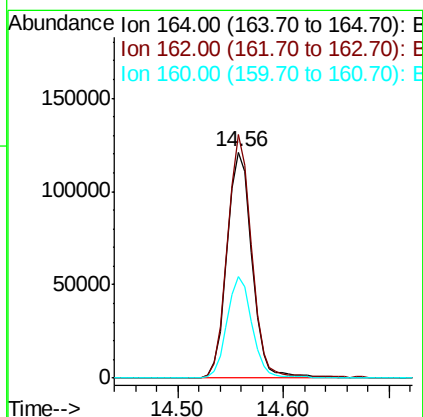
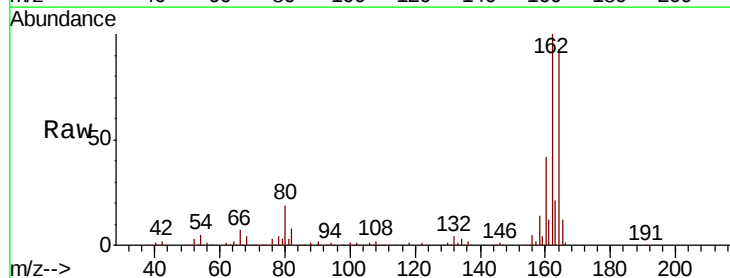
Instrument :  
 BNA\_G  
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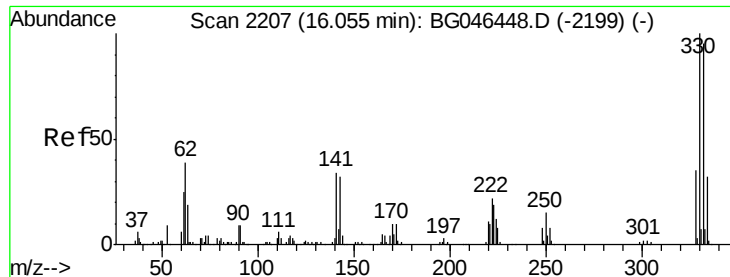
| Tot Ion   | 82    | Resp  | 421797 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 46.1  | 35.7  | 53.5   |
| 54        | 49.2  | 39.4  | 59.0   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.56 min Scan# 1952  
 Delta R.T. -0.00 min  
 Lab File: BG046560.D  
 Acq: 8 Sep 2020 16:35

| Tgt Ion   | 164   | Resp  | 198092 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 107.6 | 83.3  | 124.9  |
| 160       | 44.7  | 35.0  | 52.6   |





#42

2,4,6-Tribromophenol

Concen: 122.056 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046560.D

Acq: 8 Sep 2020 16:35

Instrument :

BNA\_G

ClientSampled :

TP-13

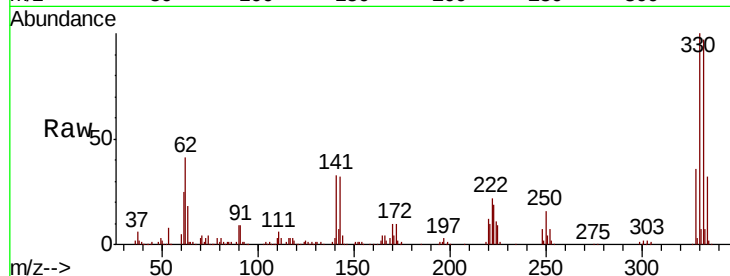
Tot Ion:330 Resp: 327600

Ion Ratio Lower Upper

330 100

332 97.5 76.1 114.1

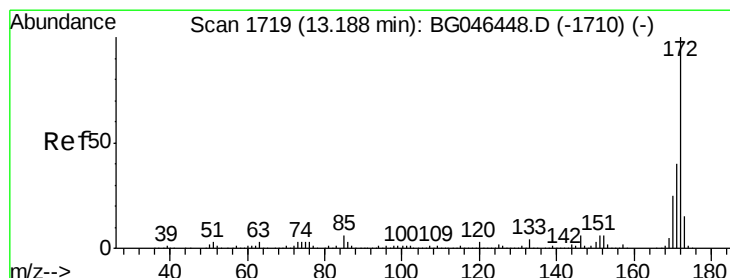
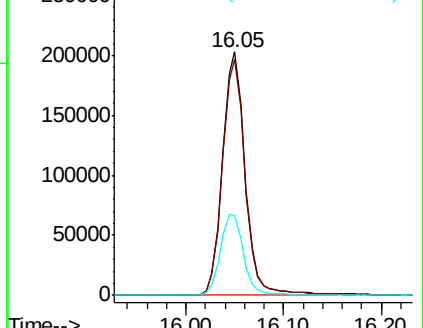
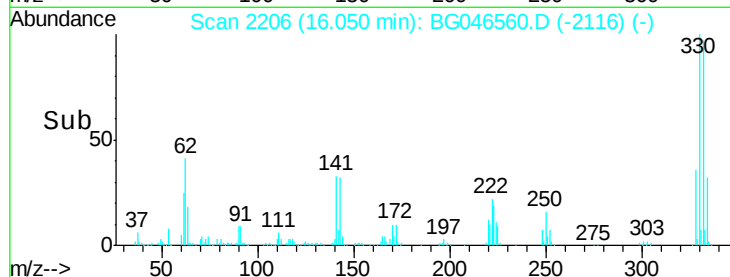
141 34.3 26.1 39.1



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: 82.607 ng

RT: 13.18 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BG046560.D

Acq: 8 Sep 2020 16:35

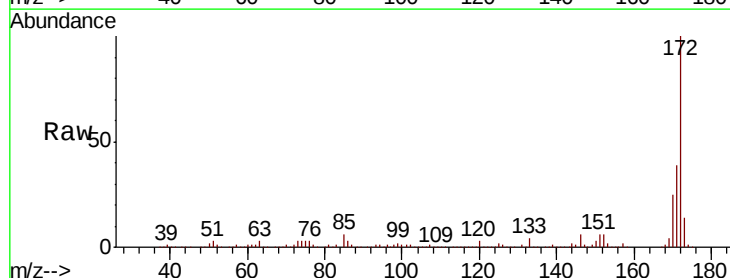
Tgt Ion:172 Resp: 1071936

Ion Ratio Lower Upper

172 100

171 38.6 31.8 47.6

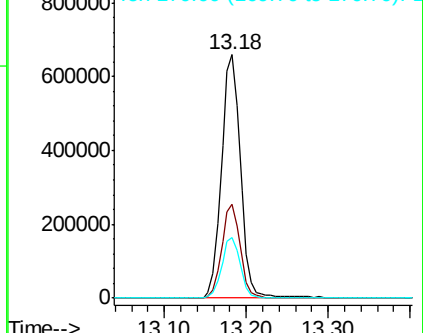
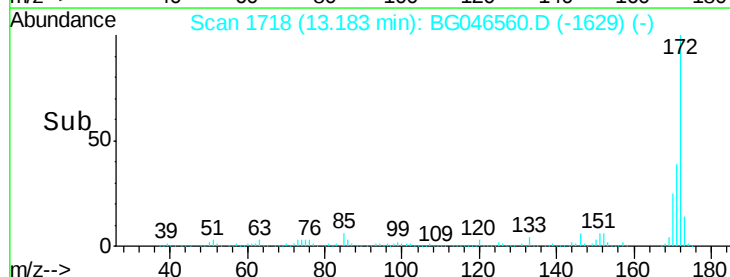
170 24.8 20.3 30.5

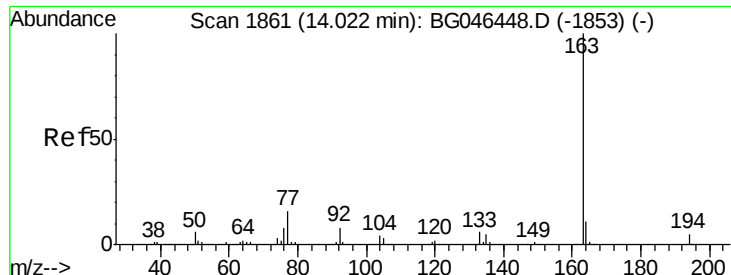


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.507 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG046560.D

Acq: 8 Sep 2020 16:35

Instrument :

BNA\_G

ClientSampleId :

TP-13

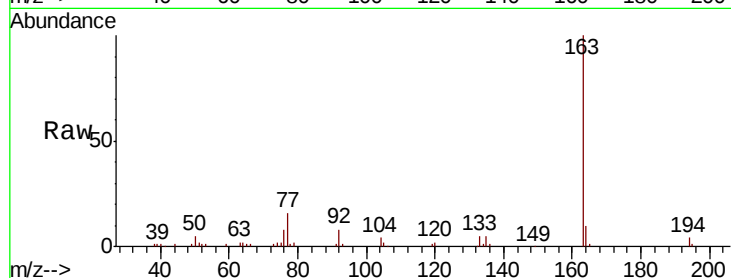
Tot Ion:163 Resp: 84398

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

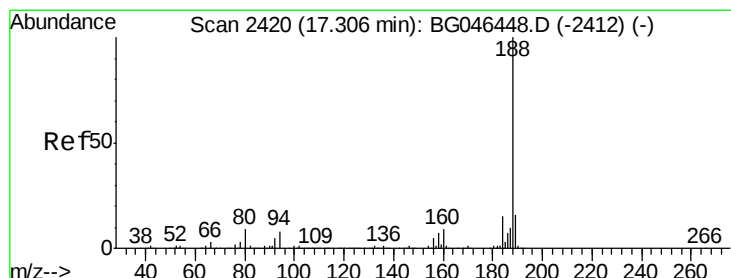
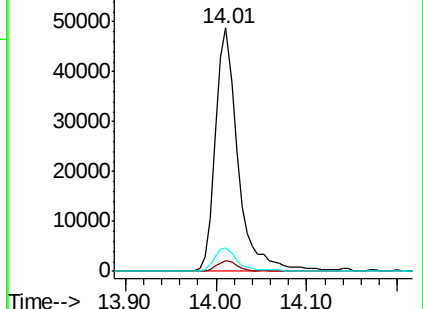
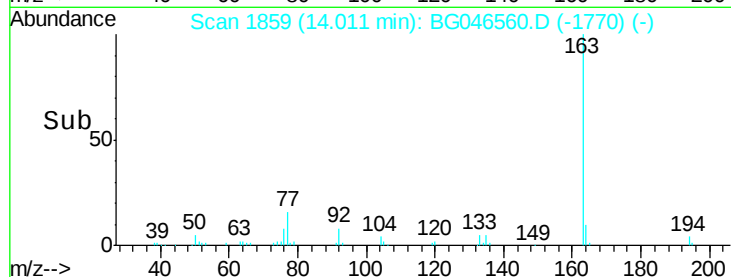
164 9.6 8.6 12.8



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: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG046560.D

Acq: 8 Sep 2020 16:35

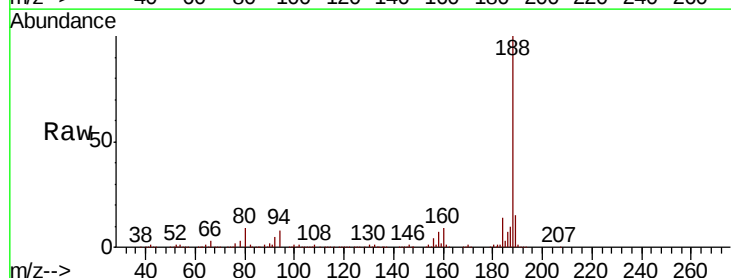
Tgt Ion:188 Resp: 500201

Ion Ratio Lower Upper

188 100

94 7.9 6.3 9.5

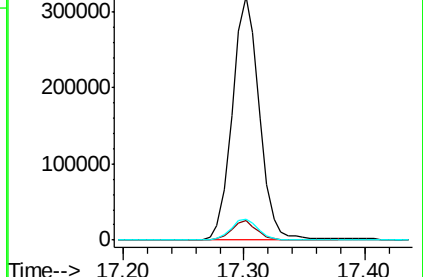
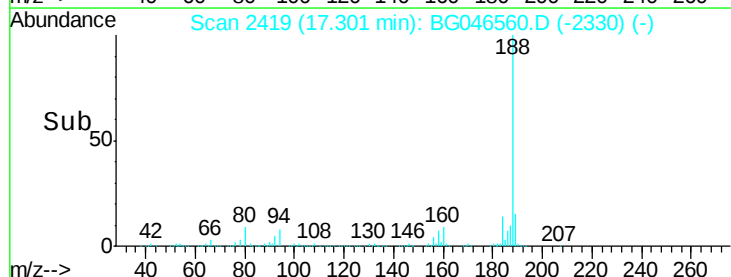
80 8.7 6.9 10.3

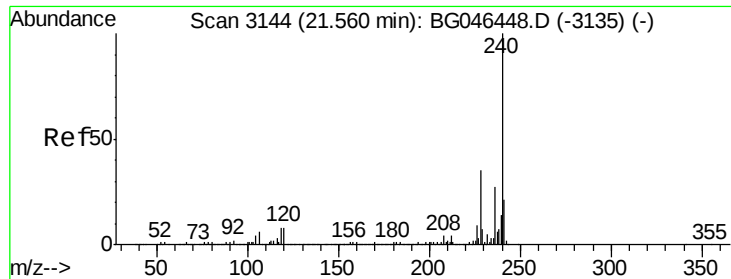


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

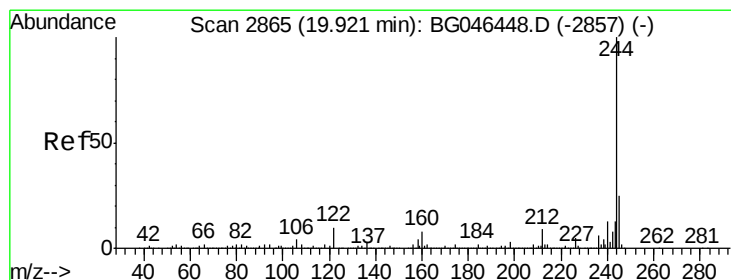
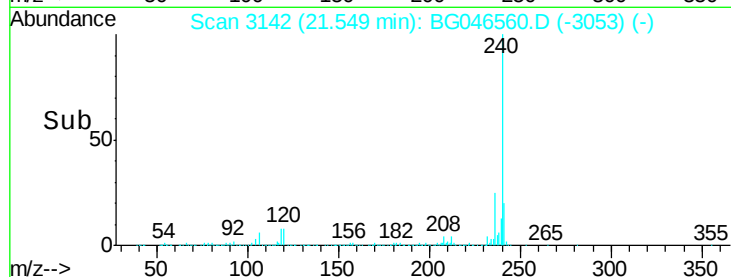
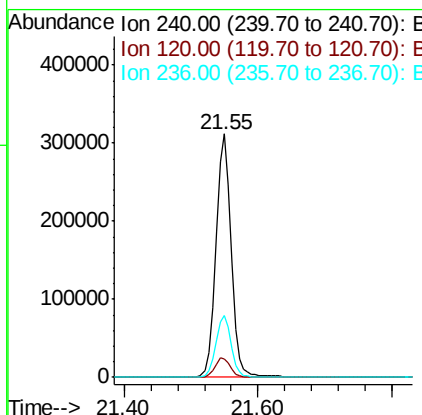
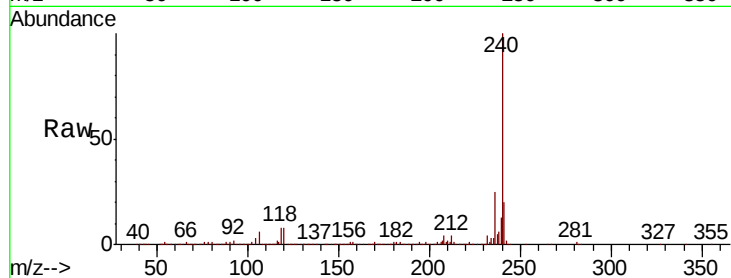




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 21.55 min Scan# 3142  
 Delta R.T. -0.00 min  
 Lab File: BG046560.D  
 Acq: 8 Sep 2020 16:35

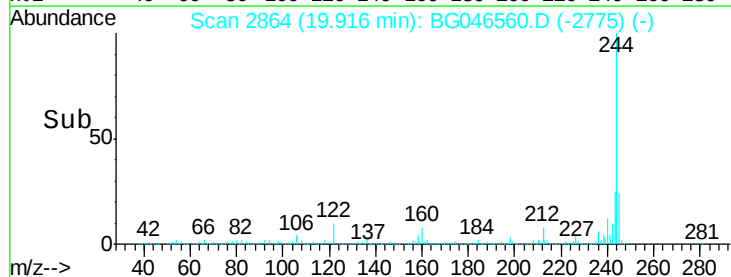
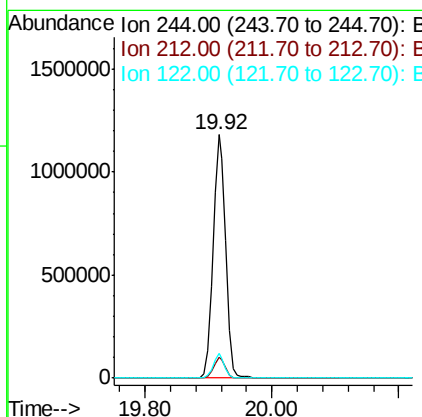
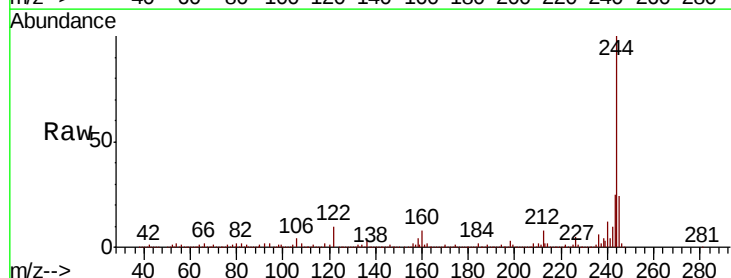
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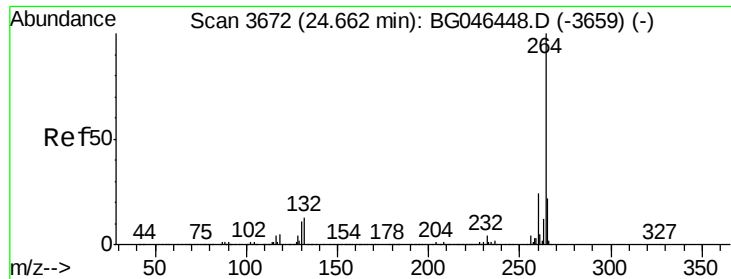
Tot Ion:240 Resp: 505637  
 Ion Ratio Lower Upper  
 240 100  
 120 7.7 6.6 10.0  
 236 25.5 21.4 32.2



#79  
 Terphenyl-d14  
 Concen: 70.764 ng  
 RT: 19.92 min Scan# 2864  
 Delta R.T. -0.00 min  
 Lab File: BG046560.D  
 Acq: 8 Sep 2020 16:35

Tgt Ion:244 Resp: 1681302  
 Ion Ratio Lower Upper  
 244 100  
 212 8.4 6.9 10.3  
 122 10.0 8.2 12.4





#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 24.65 min Scan# 3669  
 Delta R.T. -0.01 min  
 Lab File: BG046560.D  
 Acq: 8 Sep 2020 16:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-13

Tot Ion: 264 Resp: 490716  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 19.2 28.8  
 265 21.3 17.9 26.9

