

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\  
 Data File : BG042464.D  
 Acq On : 24 Aug 2019 12:47  
 Operator : HP/JU  
 Sample : K4475-26  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 T1-2B

Quant Time: Aug 26 05:38:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 22 14:29:15 2019  
 Response via : Initial Calibration

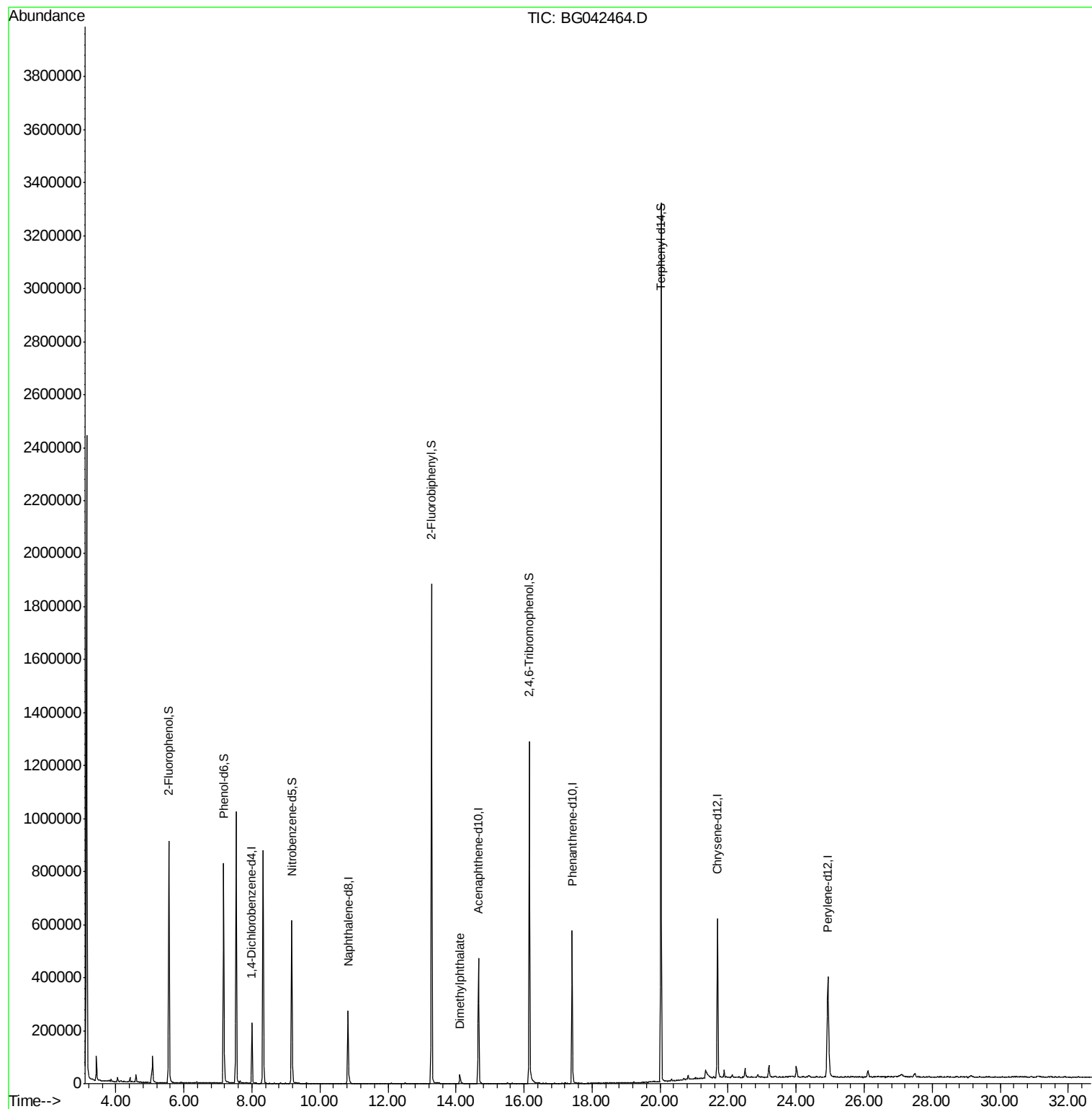
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.00  | 152  | 71662    | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 10.82 | 136  | 285188   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 14.66 | 164  | 191954   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 17.41 | 188  | 398488   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 21.69 | 240  | 394590   | 20.00  | ng    | 0.00         |
| 87) Perylene-d12            | 24.93 | 264  | 455713   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.56  | 112  | 463121   | 130.89 | ng    | 0.00         |
| 7) Phenol-d6                | 7.17  | 99   | 570083   | 119.28 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 9.17  | 82   | 410124   | 99.38  | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 16.16 | 330  | 311950   | 114.34 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 13.28 | 172  | 1116675  | 98.39  | ng    | 0.00         |
| 79) Terphenyl-d14           | 20.02 | 244  | 1689001  | 92.54  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 14.12 | 163  | 42347    | 3.058  | ng    | Qvalue<br>96 |

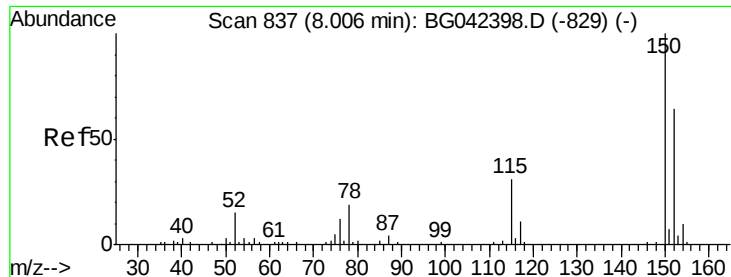
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA\_G  
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T1-2B

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QLast Update : Thu Aug 22 14:29:15 2019  
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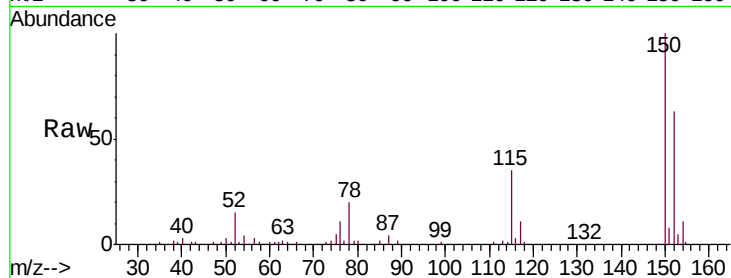


#1

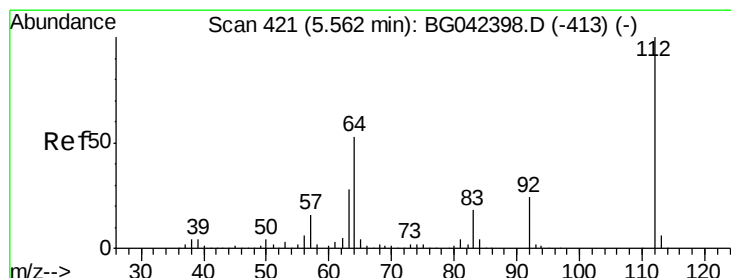
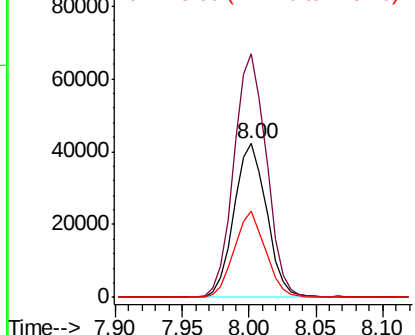
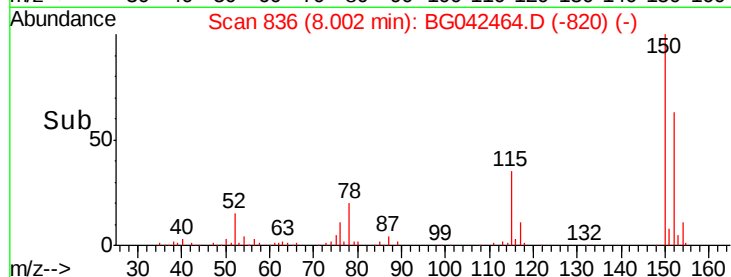
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 836  
Delta R.T. -0.00 min  
Lab File: BG042464.D  
Acq: 24 Aug 2019 12:47

Instrument :  
BNA\_G  
ClientSampled :  
T1-2B

Tot Ion:152 Resp: 71662  
Ion Ratio Lower Upper  
152 100  
150 158.5 125.4 188.0  
115 55.7 38.5 57.7



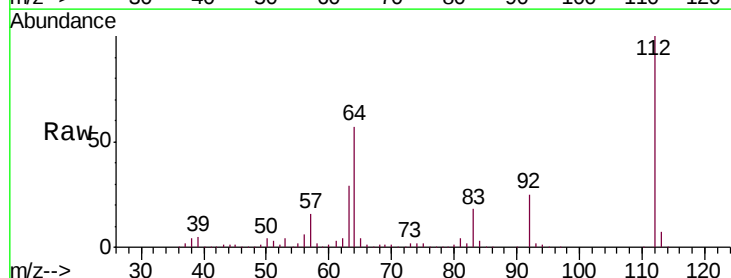
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



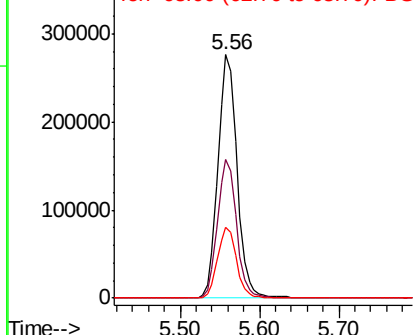
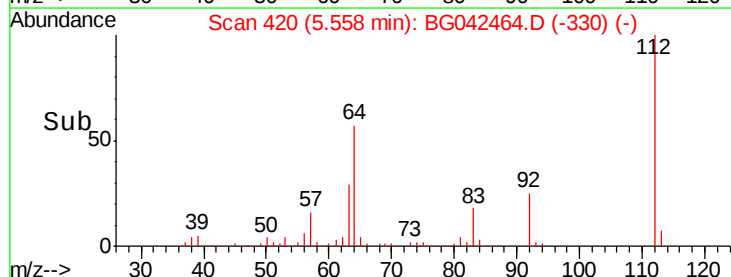
#5

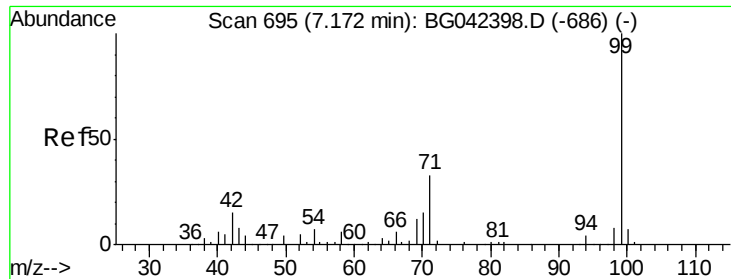
2-Fluorophenol  
Concen: 130.886 ng  
RT: 5.56 min Scan# 420  
Delta R.T. -0.00 min  
Lab File: BG042464.D  
Acq: 24 Aug 2019 12:47

Tgt Ion:112 Resp: 463121  
Ion Ratio Lower Upper  
112 100  
64 57.1 42.8 64.2  
63 28.9 22.7 34.1



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: 119.276 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042464.D

Acq: 24 Aug 2019 12:47

Instrument :

BNA\_G

ClientSampleId :

T1-2B

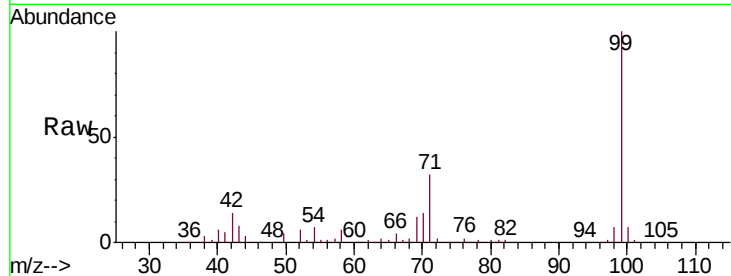
Tot Ion: 99 Resp: 570083

Ion Ratio Lower Upper

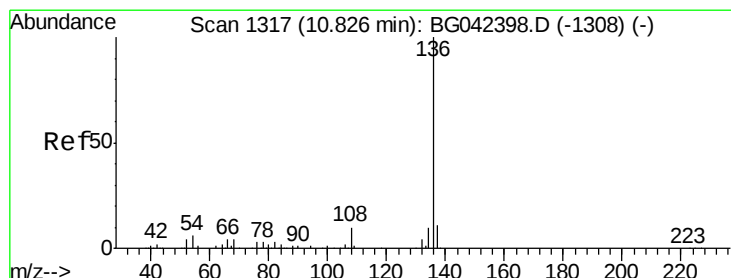
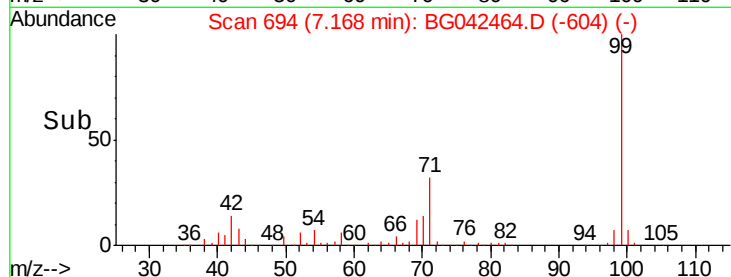
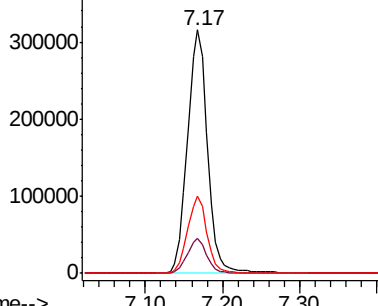
99 100

42 14.4 12.0 18.0

71 31.9 26.3 39.5



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: 10.82 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG042464.D

Acq: 24 Aug 2019 12:47

Tgt Ion: 136 Resp: 285188

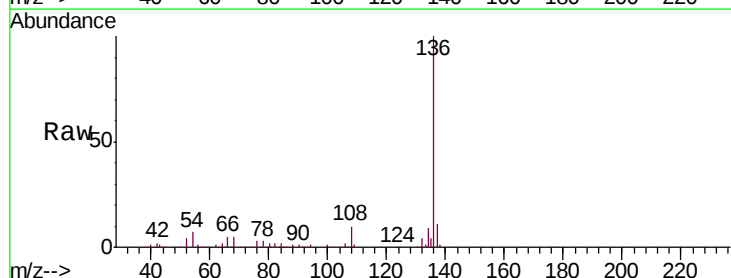
Ion Ratio Lower Upper

136 100

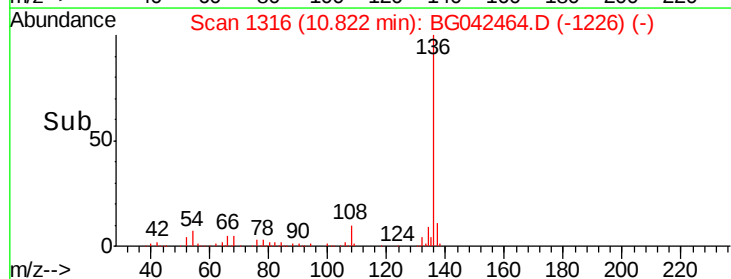
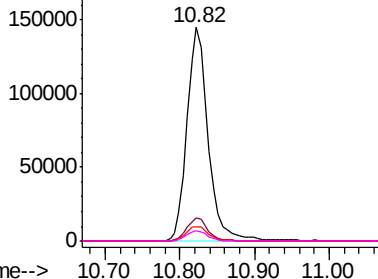
137 10.9 8.7 13.1

54 6.9 4.9 7.3

68 4.9 3.6 5.4



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

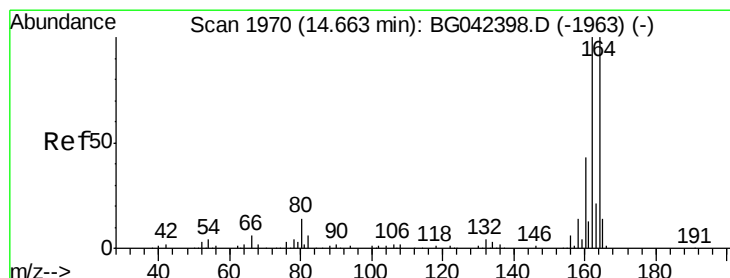
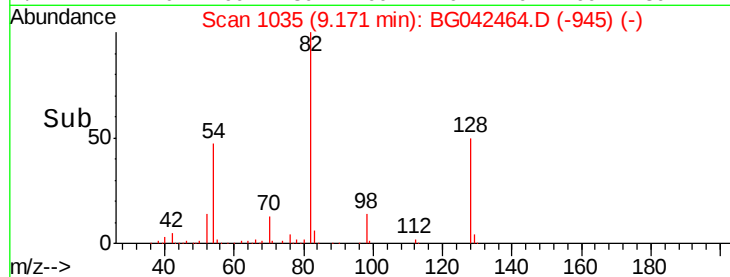
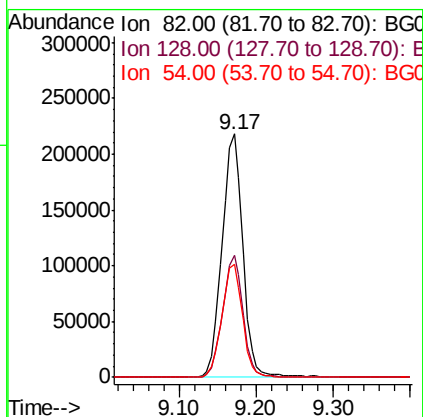
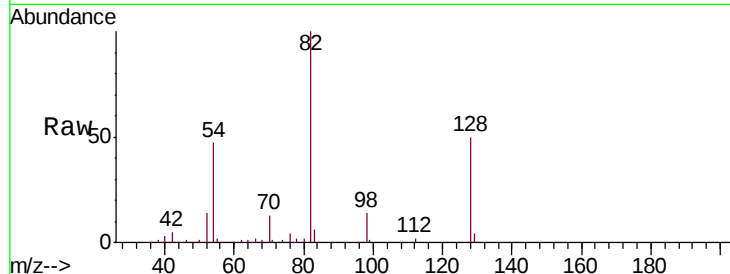




#23  
 Nitrobenzene-d5  
 Concen: 99.377 ng  
 RT: 9.17 min Scan# 1035  
 Delta R.T. -0.00 min  
 Lab File: BG042464.D  
 Acq: 24 Aug 2019 12:47

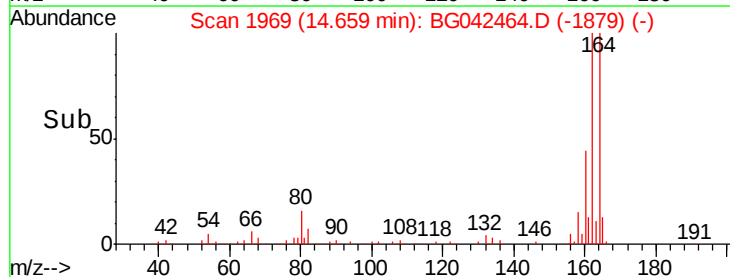
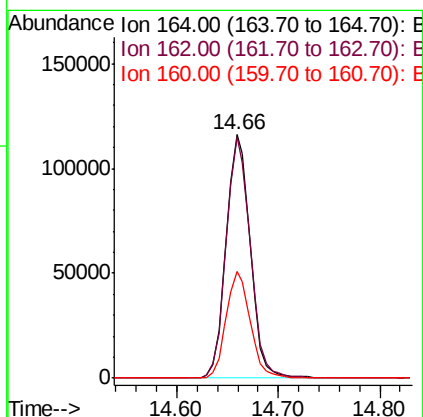
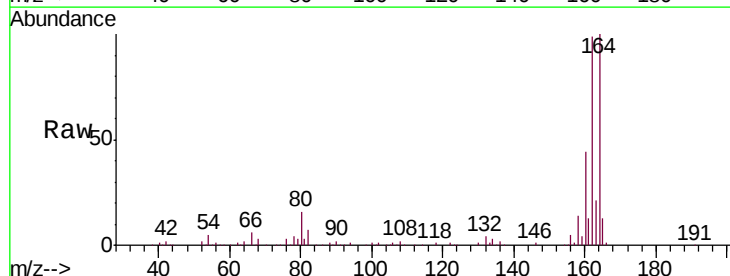
Instrument :  
 BNA\_G  
 ClientSampleID :  
 T1-2B

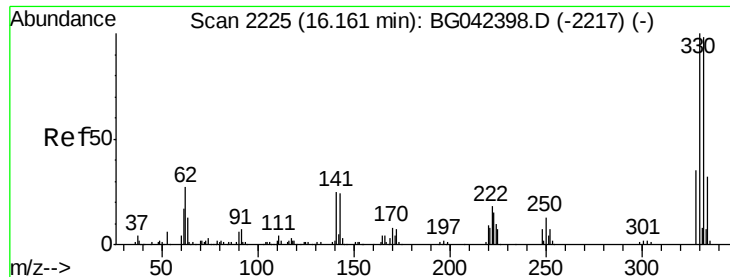
| Tot Ion   | 82    | Resp  | 410124 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 50.2  | 40.7  | 61.1   |
| 54        | 46.7  | 36.3  | 54.5   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.66 min Scan# 1969  
 Delta R.T. -0.00 min  
 Lab File: BG042464.D  
 Acq: 24 Aug 2019 12:47

| Tgt Ion   | 164   | Resp  | 191954 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 98.8  | 79.9  | 119.9  |
| 160       | 43.7  | 34.3  | 51.5   |

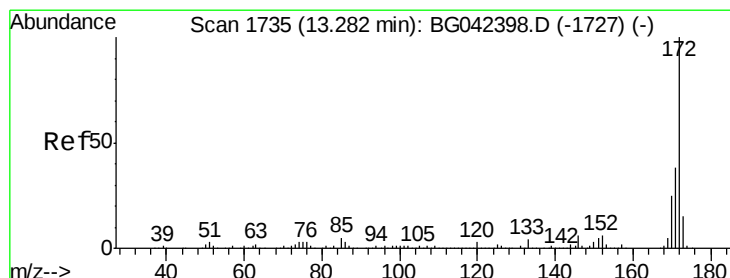
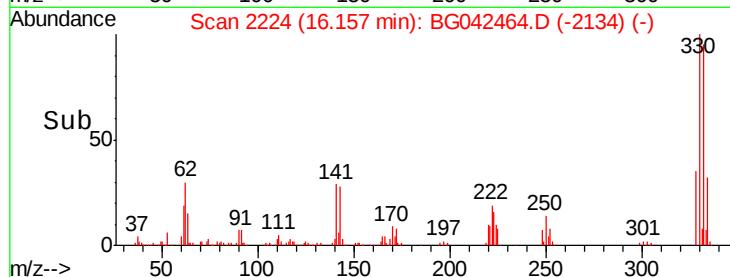
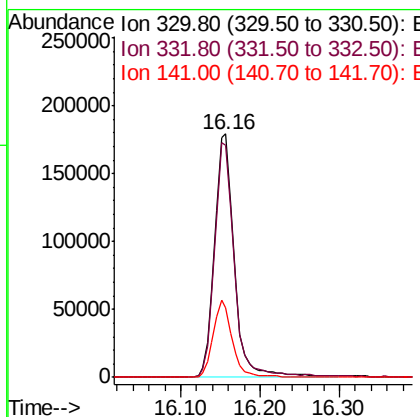
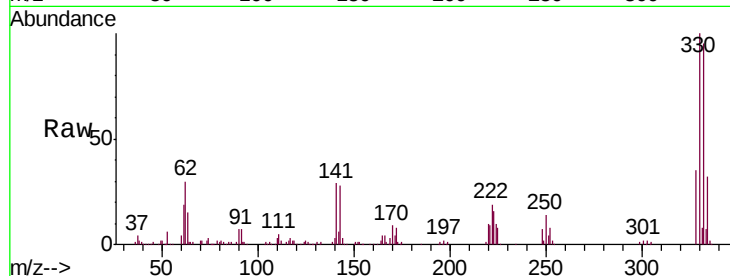




#42  
 2,4,6-Tribromophenol  
 Concen: 114.338 ng  
 RT: 16.16 min Scan# 2224  
 Delta R.T. -0.00 min  
 Lab File: BG042464.D  
 Acq: 24 Aug 2019 12:47

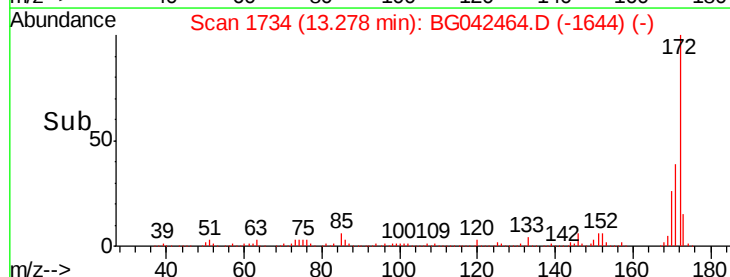
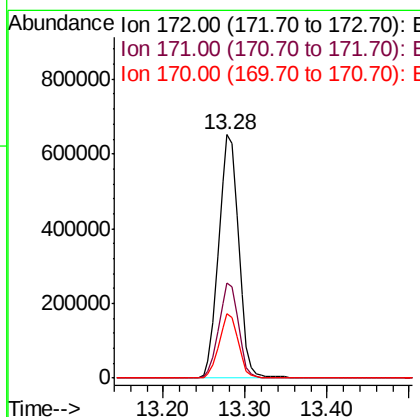
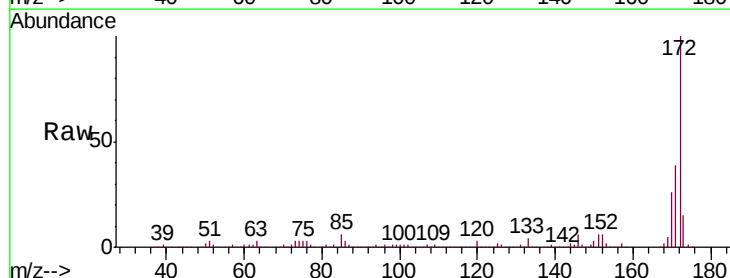
Instrument :  
 BNA\_G  
 ClientSampleId :  
 T1-2B

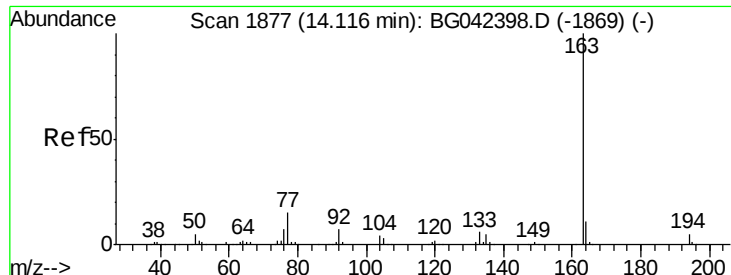
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.2  | 77.4  | 116.0 |
| 141     | 31.1  | 21.4  | 32.0  |



#45  
 2-Fluorobiphenyl  
 Concen: 98.389 ng  
 RT: 13.28 min Scan# 1734  
 Delta R.T. -0.00 min  
 Lab File: BG042464.D  
 Acq: 24 Aug 2019 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 39.1  | 30.5  | 45.7  |
| 170     | 26.4  | 20.2  | 30.2  |





#50

Dimethylphthalate

Concen: 3.058 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG042464.D

Acq: 24 Aug 2019 12:47

Instrument :

BNA\_G

ClientSampleId :

T1-2B

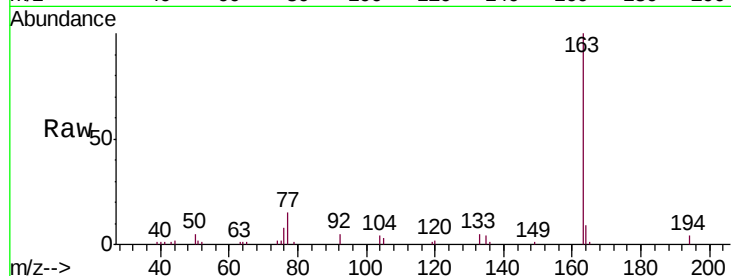
Tot Ion:163 Resp: 42347

Ion Ratio Lower Upper

163 100

194 4.2 4.2 6.2

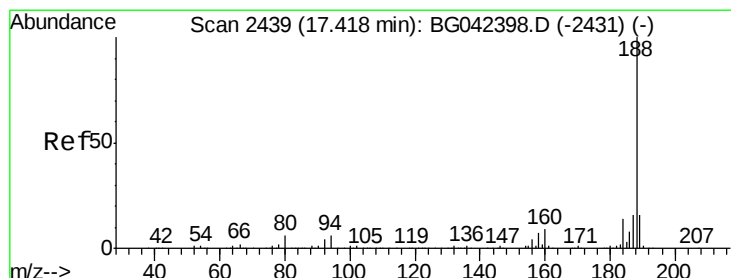
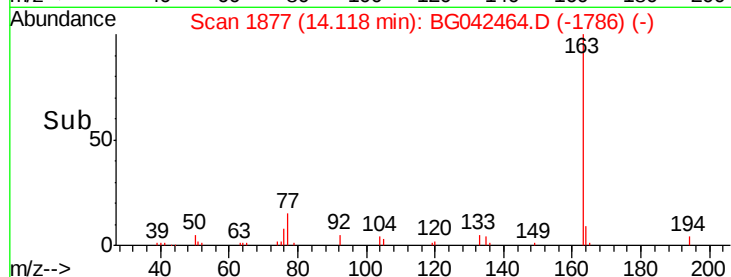
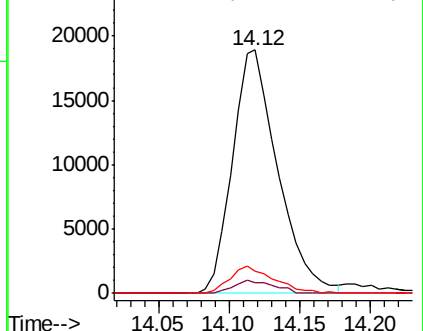
164 9.2 8.8 13.2



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: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG042464.D

Acq: 24 Aug 2019 12:47

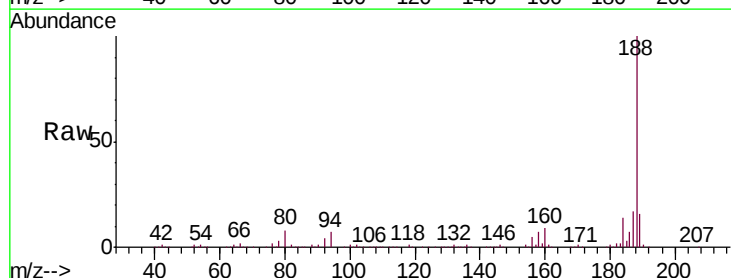
Tgt Ion:188 Resp: 398488

Ion Ratio Lower Upper

188 100

94 6.7 4.5 6.7

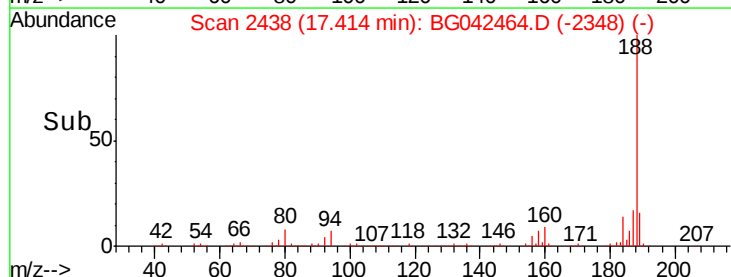
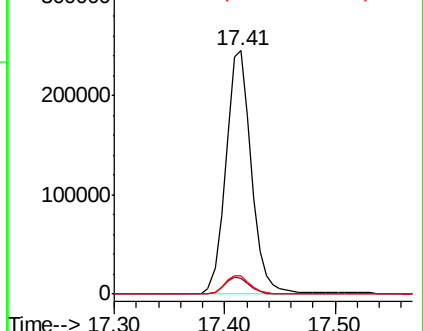
80 7.7 4.9 7.3#

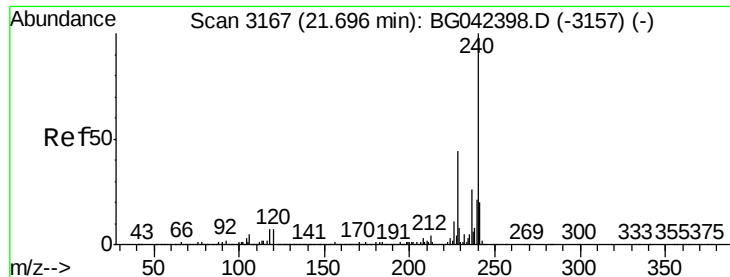


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042464.D

Acq: 24 Aug 2019 12:47

Instrument :

BNA\_G

ClientSampleId :

T1-2B

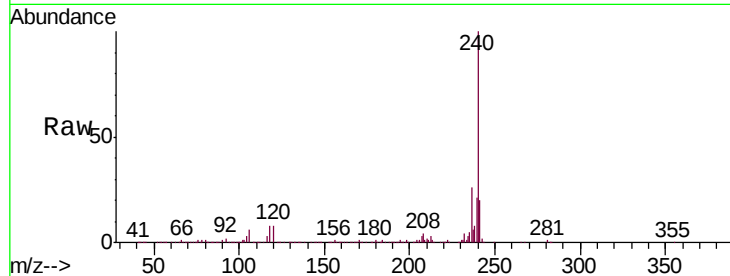
Tot Ion:240 Resp: 394590

Ion Ratio Lower Upper

240 100

120 8.2 5.7 8.5

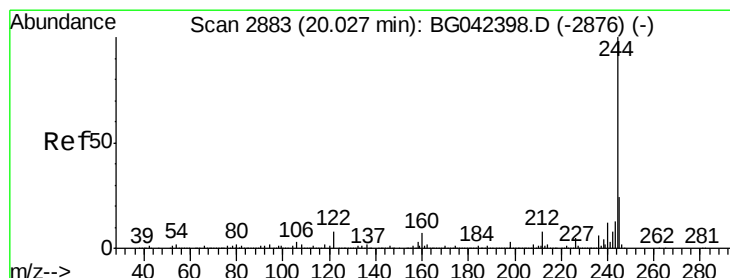
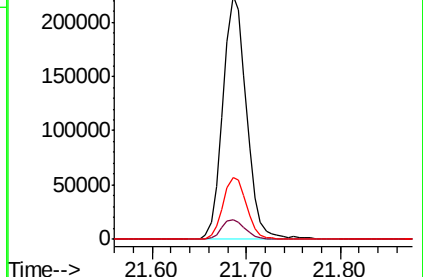
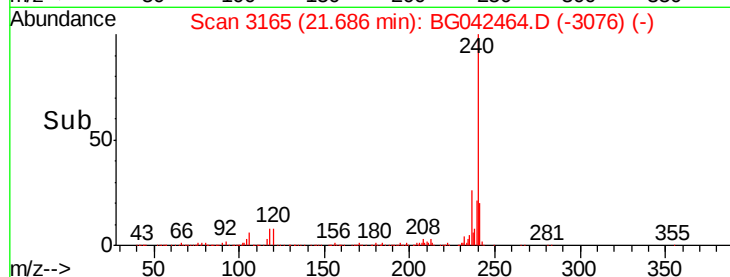
236 25.5 21.0 31.4



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: 92.539 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042464.D

Acq: 24 Aug 2019 12:47

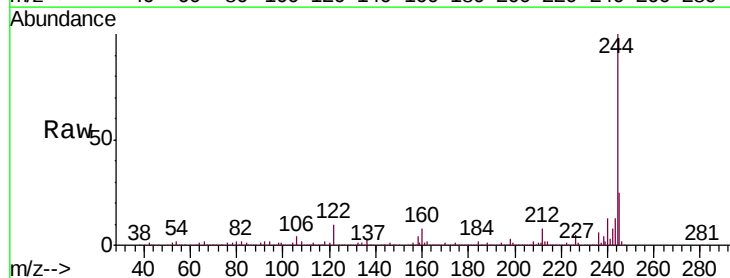
Tgt Ion:244 Resp: 1689001

Ion Ratio Lower Upper

244 100

212 8.3 6.0 9.0

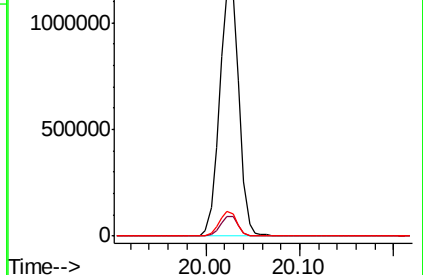
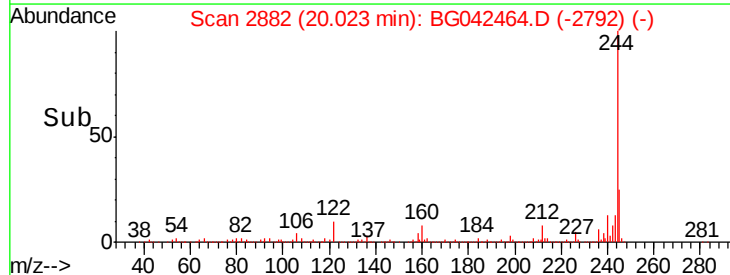
122 10.3 6.7 10.1#

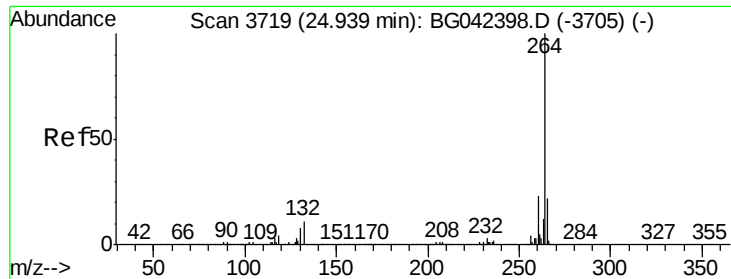


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.93 min Scan# 3717  
Delta R.T. -0.01 min  
Lab File: BG042464.D  
Acq: 24 Aug 2019 12:47

Instrument :  
BNA\_G  
ClientSampleId :  
T1-2B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.2  | 18.5  | 27.7  |
| 265     | 21.3  | 17.6  | 26.4  |

