

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\  
 Data File : BG042462.D  
 Acq On : 24 Aug 2019 11:31  
 Operator : HP/JU  
 Sample : K4493-23  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 T9-12-13-H-(0-1.9)

Quant Time: Aug 26 05:35:05 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

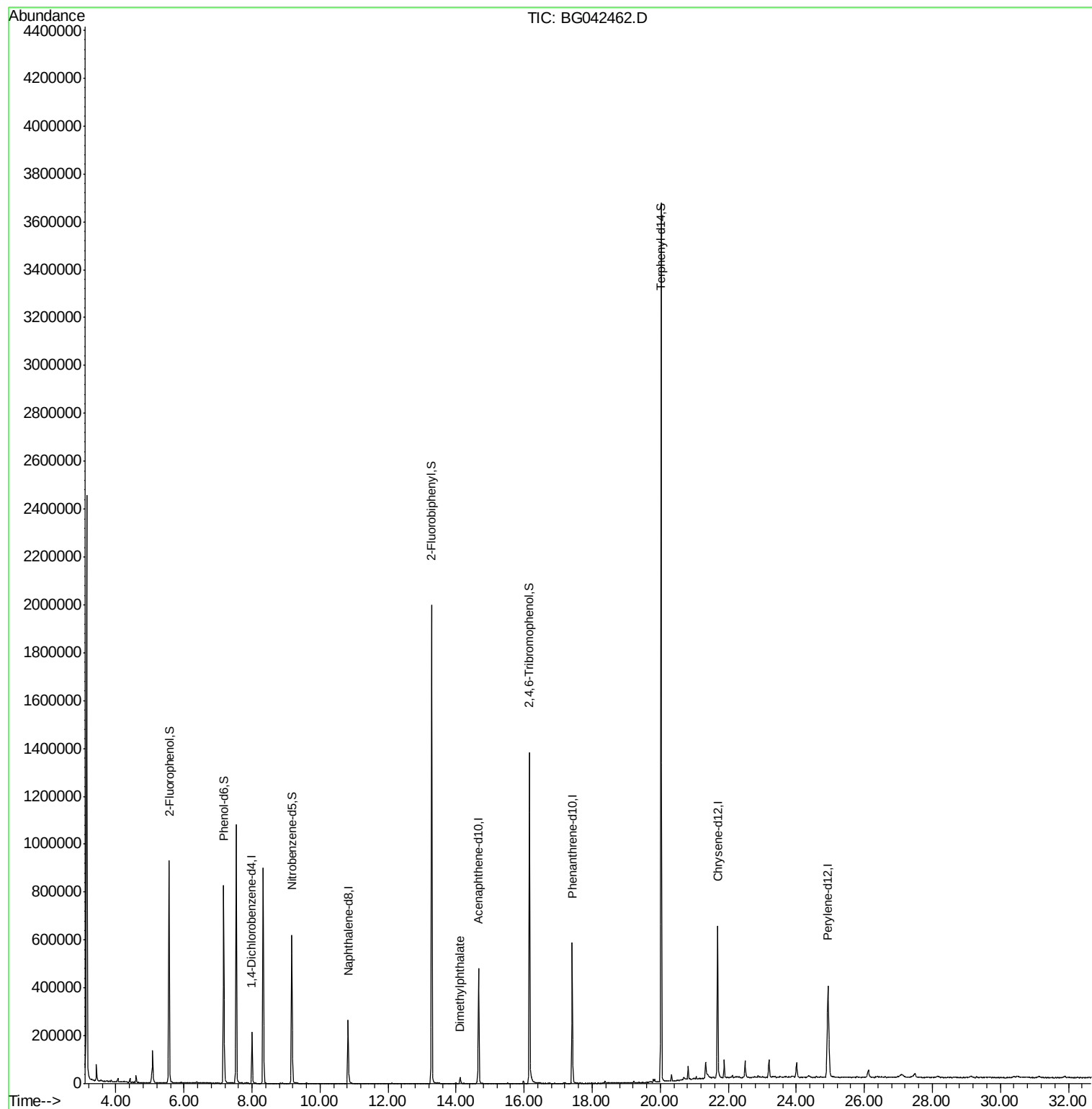
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.00  | 152  | 68317    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.82 | 136  | 275199   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.66 | 164  | 189650   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.41 | 188  | 405961   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.69 | 240  | 402018   | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 24.93 | 264  | 462734   | 20.00  | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.56  | 112  | 466037   | 138.16 | ng    | 0.00      |
| 7) Phenol-d6                | 7.17  | 99   | 582859   | 127.92 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.17  | 82   | 409640   | 102.86 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.15 | 330  | 340257   | 126.23 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.28 | 172  | 1151558  | 102.70 | ng    | 0.00      |
| 79) Terphenyl-d14           | 20.03 | 244  | 1770495  | 95.21  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 14.12 | 163  | 33872    | 2.475  | ng    | Qvalue 98 |

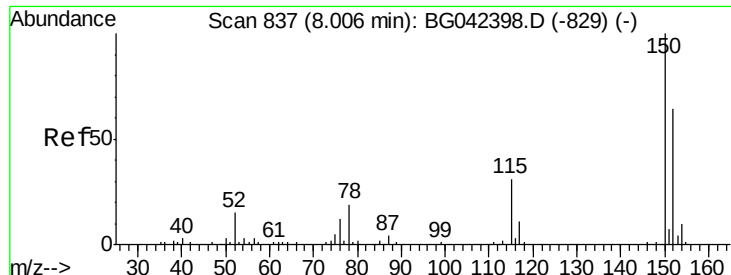
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\  
Data File : BG042462.D  
Acq On : 24 Aug 2019 11:31  
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Sample : K4493-23  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
T9-12-13-H-(0-1.9)

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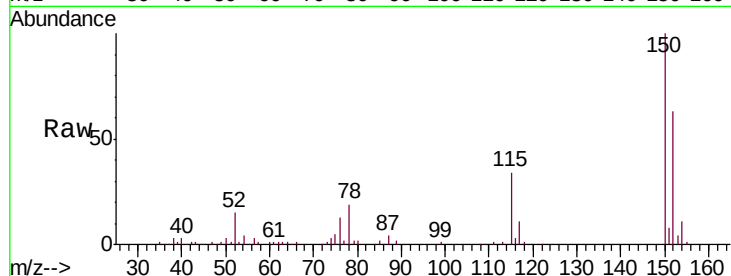


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 836  
Delta R.T. -0.01 min  
Lab File: BG042462.D  
Acq: 24 Aug 2019 11:31

Instrument :  
BNA\_G  
ClientSampleId :  
T9-12-13-H-(0-1.9)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.6 | 125.4 | 188.0 |
| 115     | 54.4  | 38.5  | 57.7  |

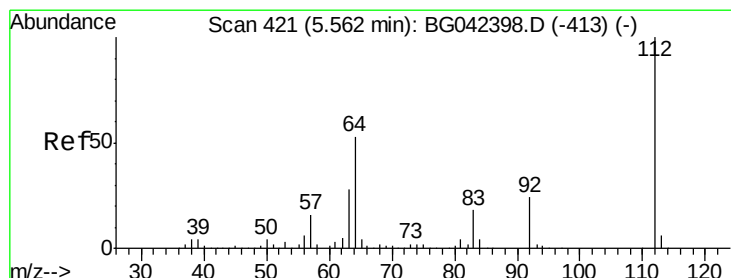
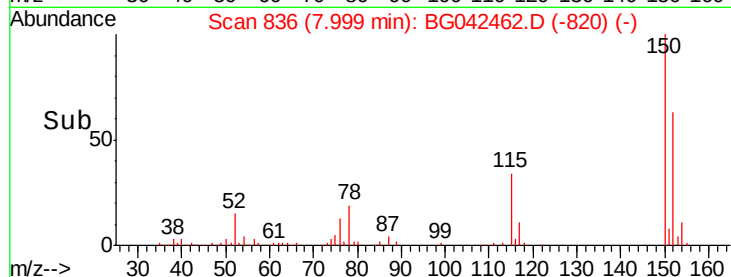
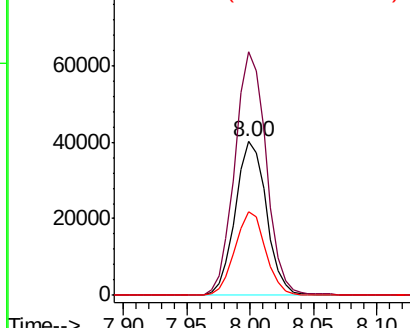


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

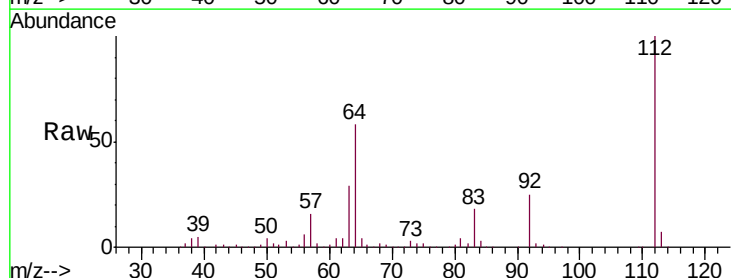
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 138.159 ng  
RT: 5.56 min Scan# 421  
Delta R.T. -0.00 min  
Lab File: BG042462.D  
Acq: 24 Aug 2019 11:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 57.9  | 42.8  | 64.2  |
| 63      | 28.7  | 22.7  | 34.1  |

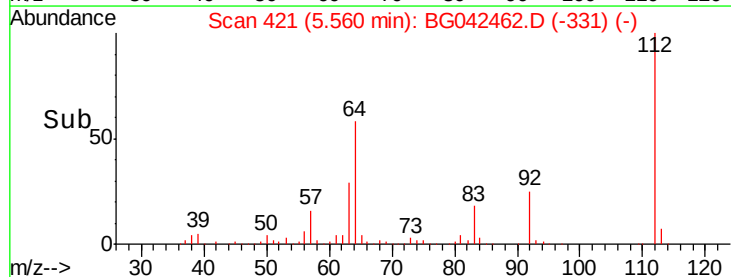
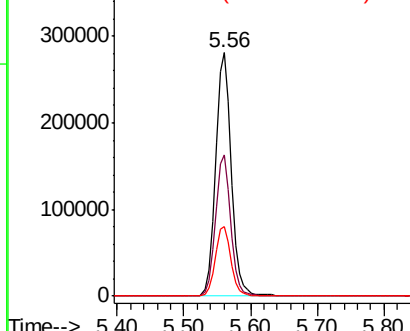


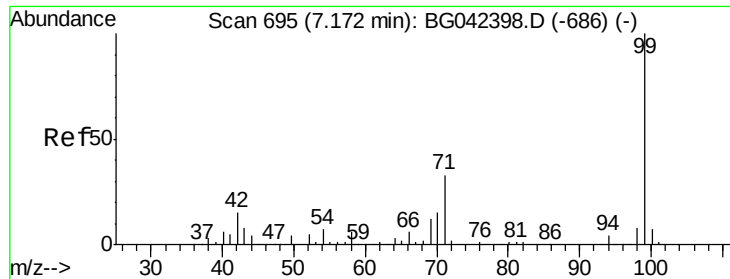
Abundance

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: 127.920 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042462.D

Acq: 24 Aug 2019 11:31

Instrument :

BNA\_G

ClientSampleId :

T9-12-13-H-(0-1.9)

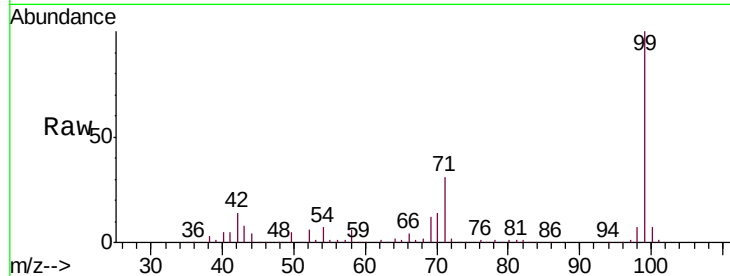
Tot Ion: 99 Resp: 582859

Ion Ratio Lower Upper

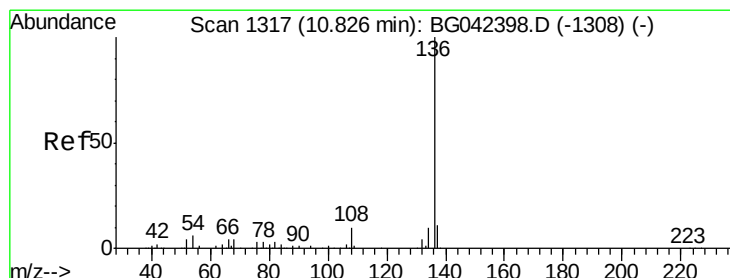
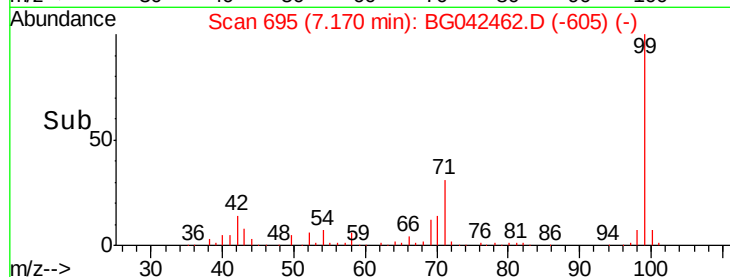
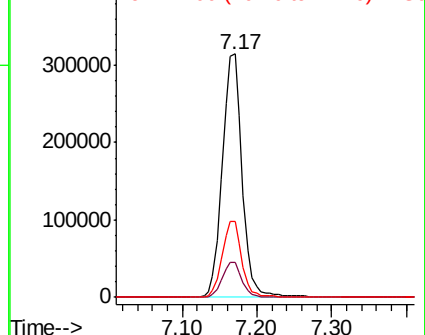
99 100

42 14.5 12.0 18.0

71 31.4 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# 1317

Delta R.T. -0.00 min

Lab File: BG042462.D

Acq: 24 Aug 2019 11:31

Tgt Ion: 136 Resp: 275199

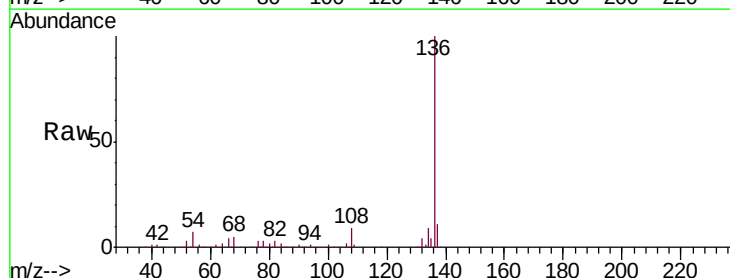
Ion Ratio Lower Upper

136 100

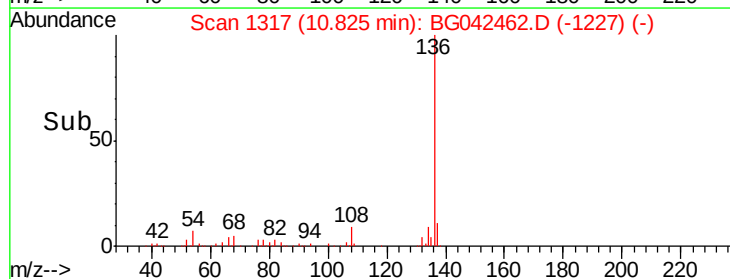
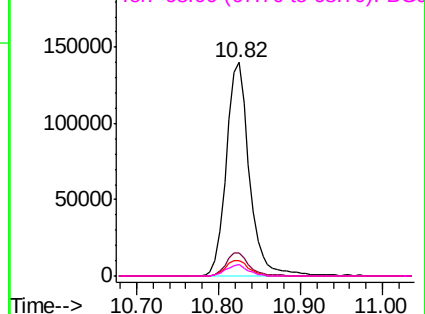
137 10.9 8.7 13.1

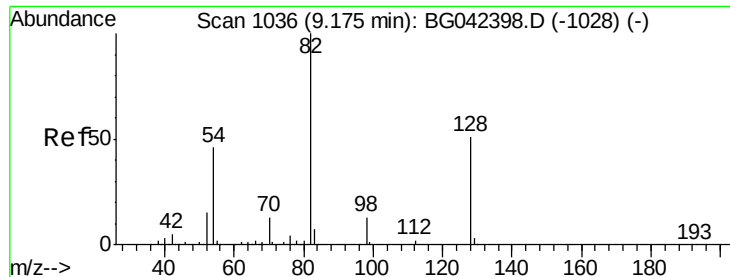
54 7.5 4.9 7.3#

68 5.2 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

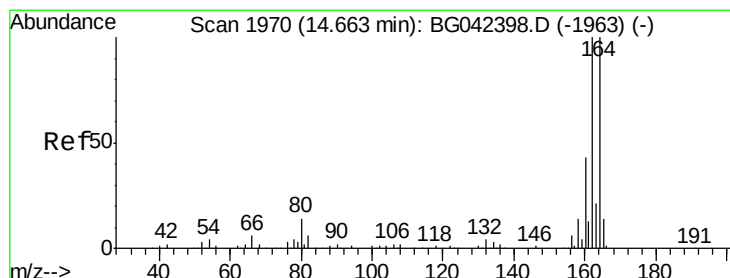
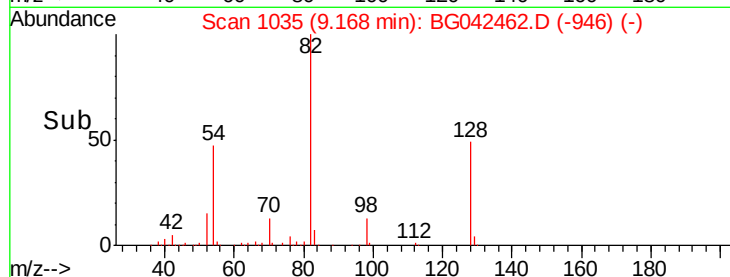
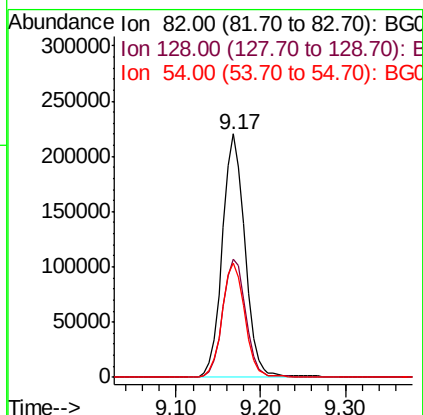
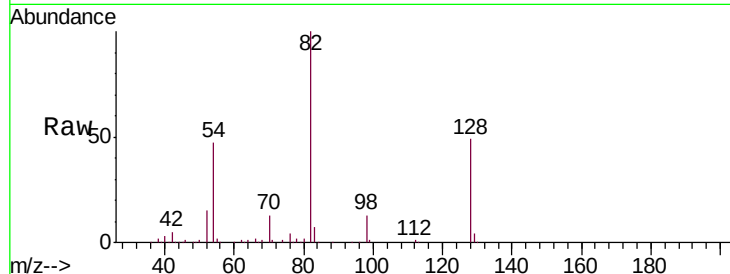




#23  
Nitrobenzene-d5  
Concen: 102.863 ng  
RT: 9.17 min Scan# 1035  
Delta R.T. -0.01 min  
Lab File: BG042462.D  
Acq: 24 Aug 2019 11:31

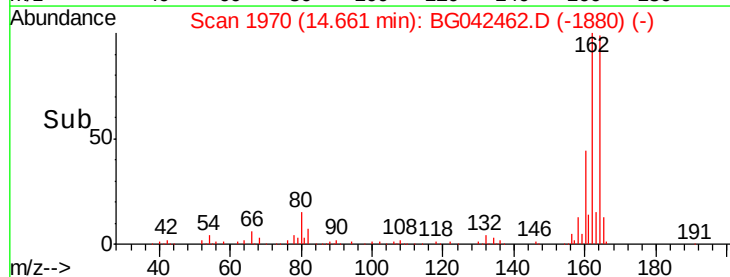
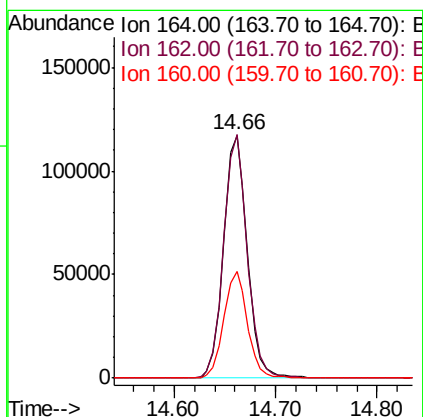
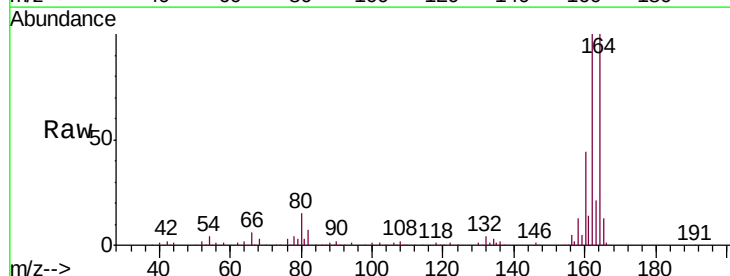
Instrument :  
BNA\_G  
ClientSampleId :  
T9-12-13-H-(0-1.9)

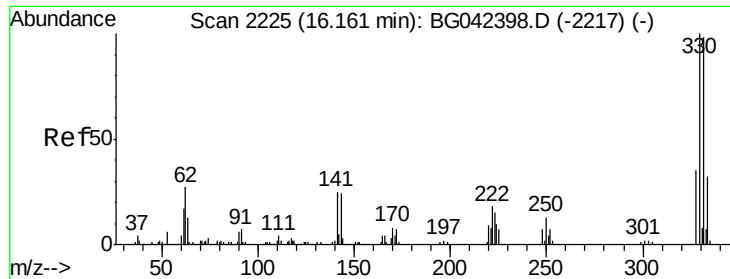
| Tot Ion   | 82    | Resp  | 409640 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 48.8  | 40.7  | 61.1   |
| 54        | 47.2  | 36.3  | 54.5   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.66 min Scan# 1970  
Delta R.T. -0.00 min  
Lab File: BG042462.D  
Acq: 24 Aug 2019 11:31

| Tgt Ion   | 164   | Resp  | 189650 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 100.2 | 79.9  | 119.9  |
| 160       | 44.0  | 34.3  | 51.5   |





#42

2,4,6-Tribromophenol

Concen: 126.229 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042462.D

Acq: 24 Aug 2019 11:31

Instrument :

BNA\_G

ClientSampleId :

T9-12-13-H-(0-1.9)

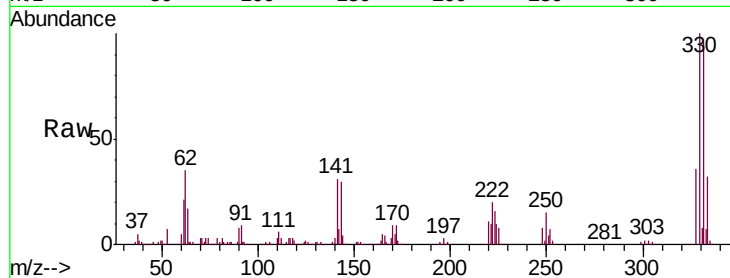
Tot Ion:330 Resp: 340257

Ion Ratio Lower Upper

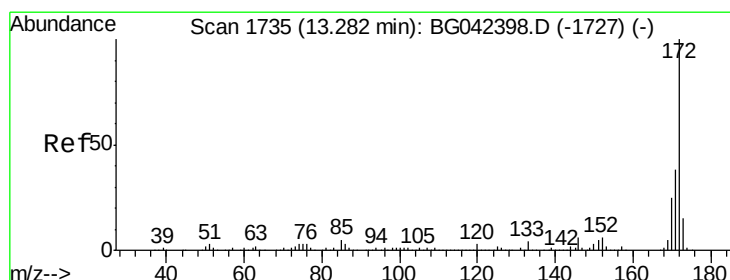
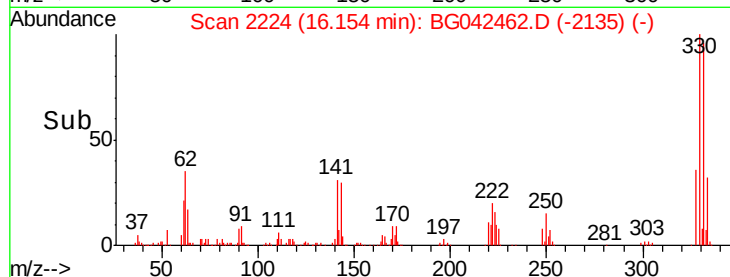
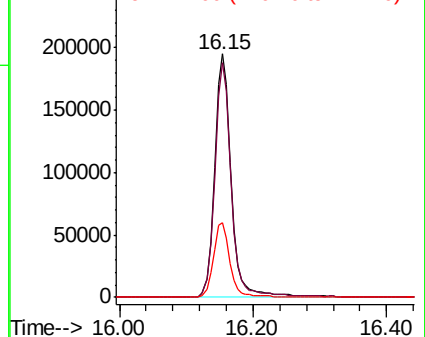
330 100

332 96.4 77.4 116.0

141 31.0 21.4 32.0



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: 102.695 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG042462.D

Acq: 24 Aug 2019 11:31

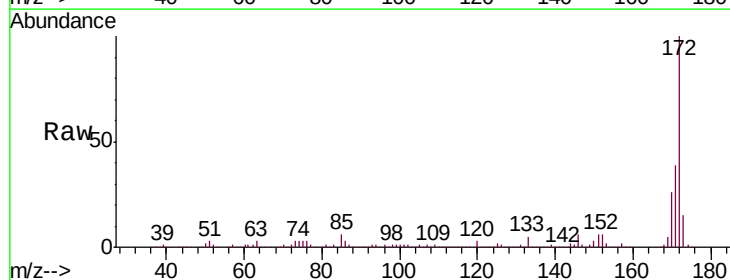
Tgt Ion:172 Resp: 1151558

Ion Ratio Lower Upper

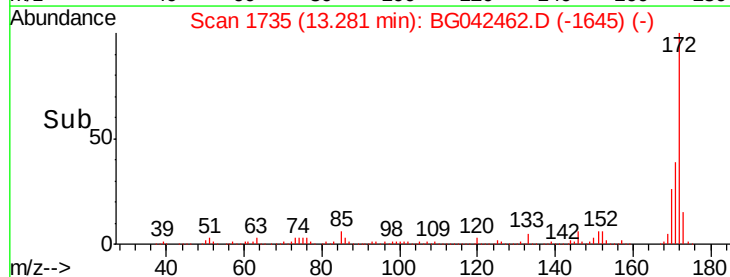
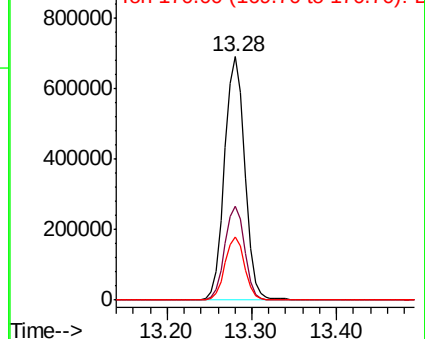
172 100

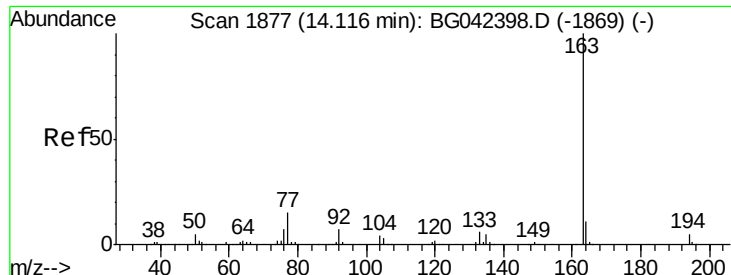
171 38.8 30.5 45.7

170 25.8 20.2 30.2



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: 2.475 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG042462.D

Acq: 24 Aug 2019 11:31

Instrument :

BNA\_G

ClientSampleId :

T9-12-13-H-(0-1.9)

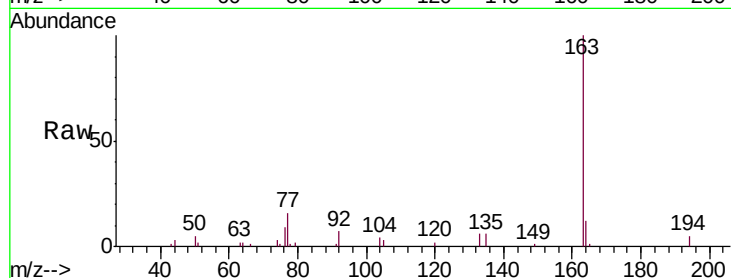
Tot Ion:163 Resp: 33872

Ion Ratio Lower Upper

163 100

194 5.3 4.2 6.2

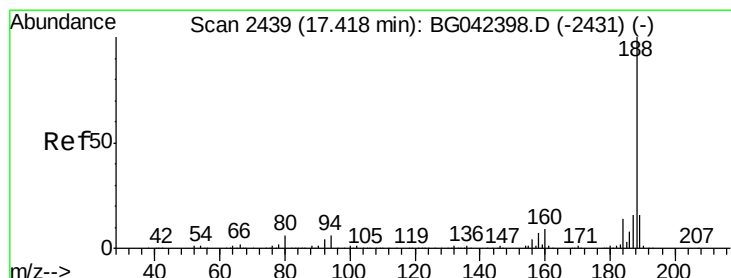
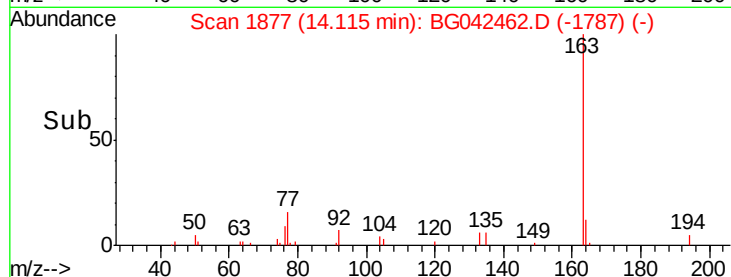
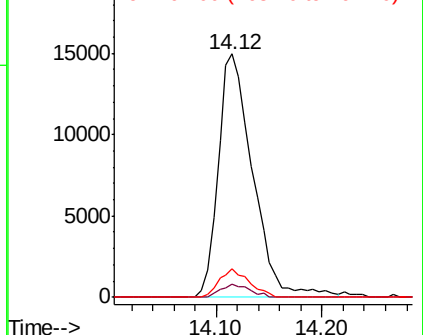
164 11.8 8.8 13.2



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. -0.01 min

Lab File: BG042462.D

Acq: 24 Aug 2019 11:31

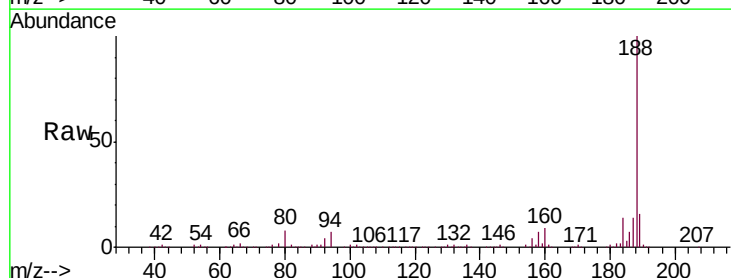
Tgt Ion:188 Resp: 405961

Ion Ratio Lower Upper

188 100

94 7.0 4.5 6.7#

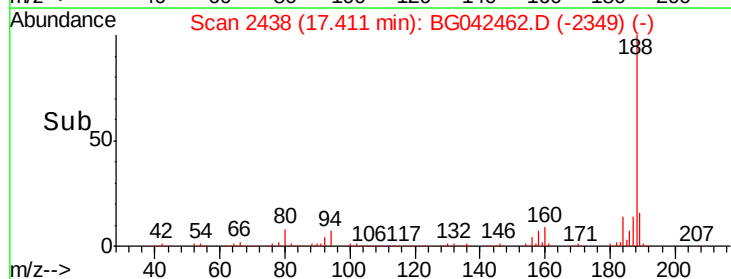
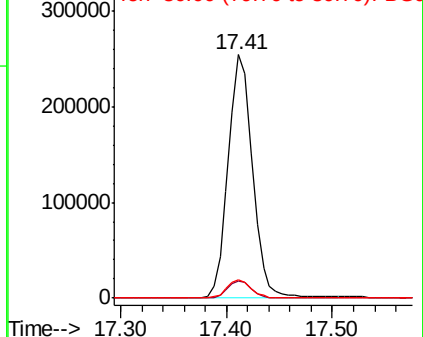
80 7.7 4.9 7.3#

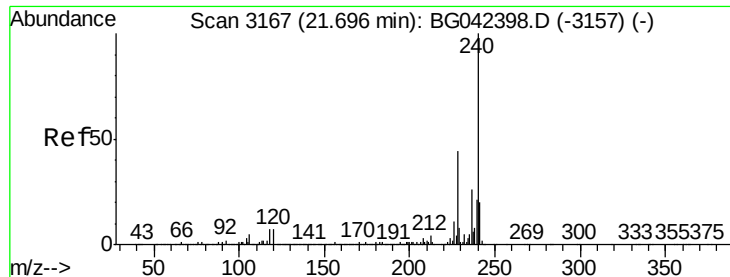


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

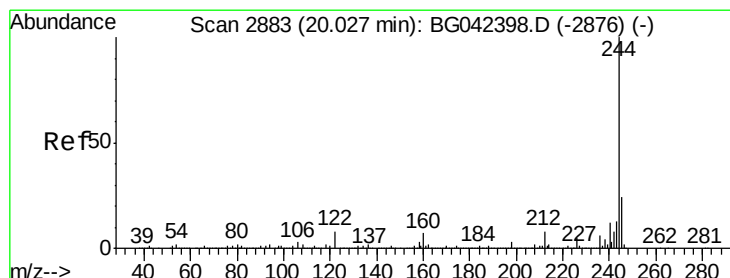
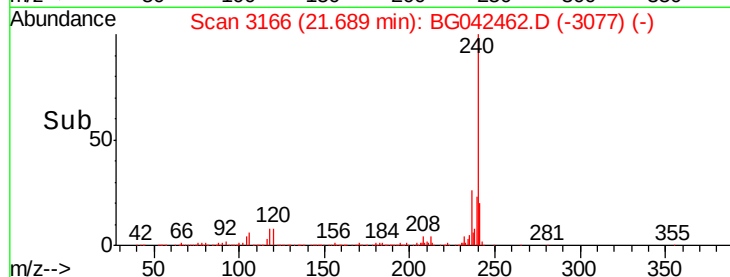
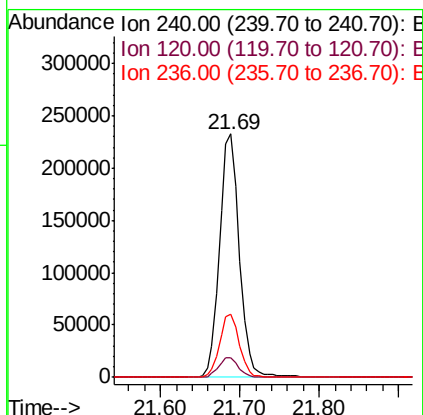
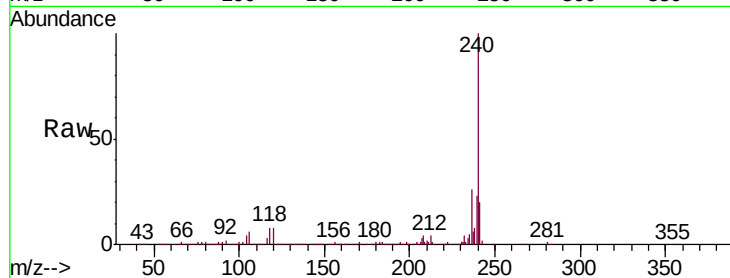




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.69 min Scan# 3166  
Delta R.T. -0.01 min  
Lab File: BG042462.D  
Acq: 24 Aug 2019 11:31

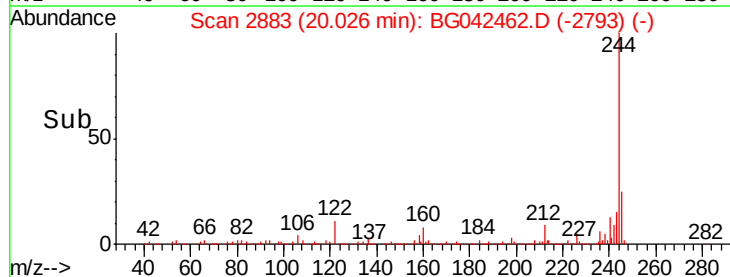
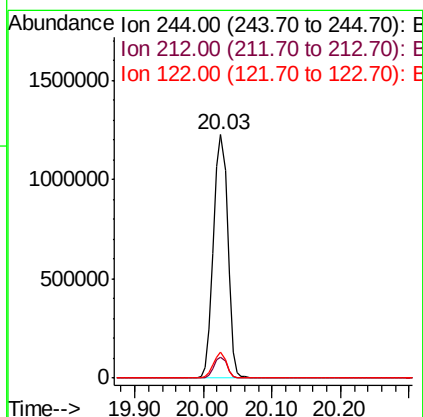
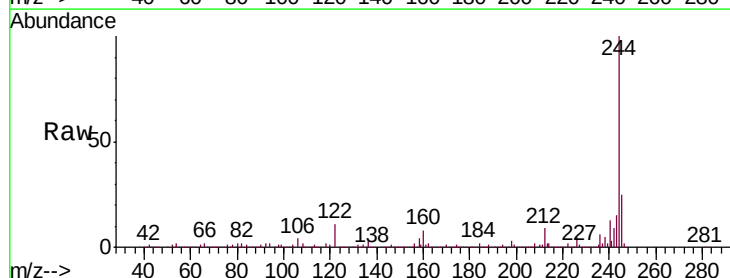
Instrument :  
BNA\_G  
ClientSampleId :  
T9-12-13-H-(0-1.9)

Tot Ion:240 Resp: 402018  
Ion Ratio Lower Upper  
240 100  
120 8.0 5.7 8.5  
236 25.9 21.0 31.4

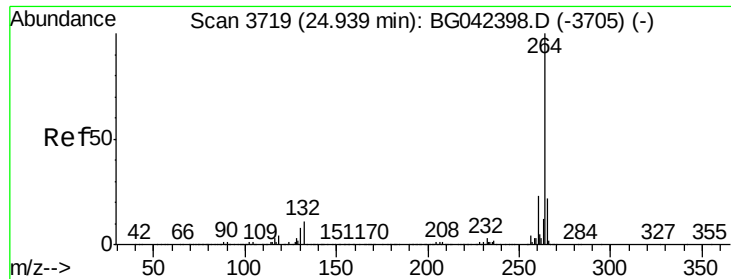


#79  
Terphenyl-d14  
Concen: 95.211 ng  
RT: 20.03 min Scan# 2883  
Delta R.T. -0.00 min  
Lab File: BG042462.D  
Acq: 24 Aug 2019 11:31

Tgt Ion:244 Resp: 1770495  
Ion Ratio Lower Upper  
244 100  
212 8.7 6.0 9.0  
122 10.8 6.7 10.1#







#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.93 min Scan# 3717  
Delta R.T. -0.01 min  
Lab File: BG042462.D  
Acq: 24 Aug 2019 11:31

Instrument :  
BNA\_G  
ClientSampleId :  
T9-12-13-H-(0-1.9)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.3  | 18.5  | 27.7  |
| 265     | 21.7  | 17.6  | 26.4  |

