

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\  
 Data File : BG042466.D  
 Acq On : 24 Aug 2019 14:04  
 Operator : HP/JU  
 Sample : K4477-02  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1(3-6)

Quant Time: Aug 26 05:43:14 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

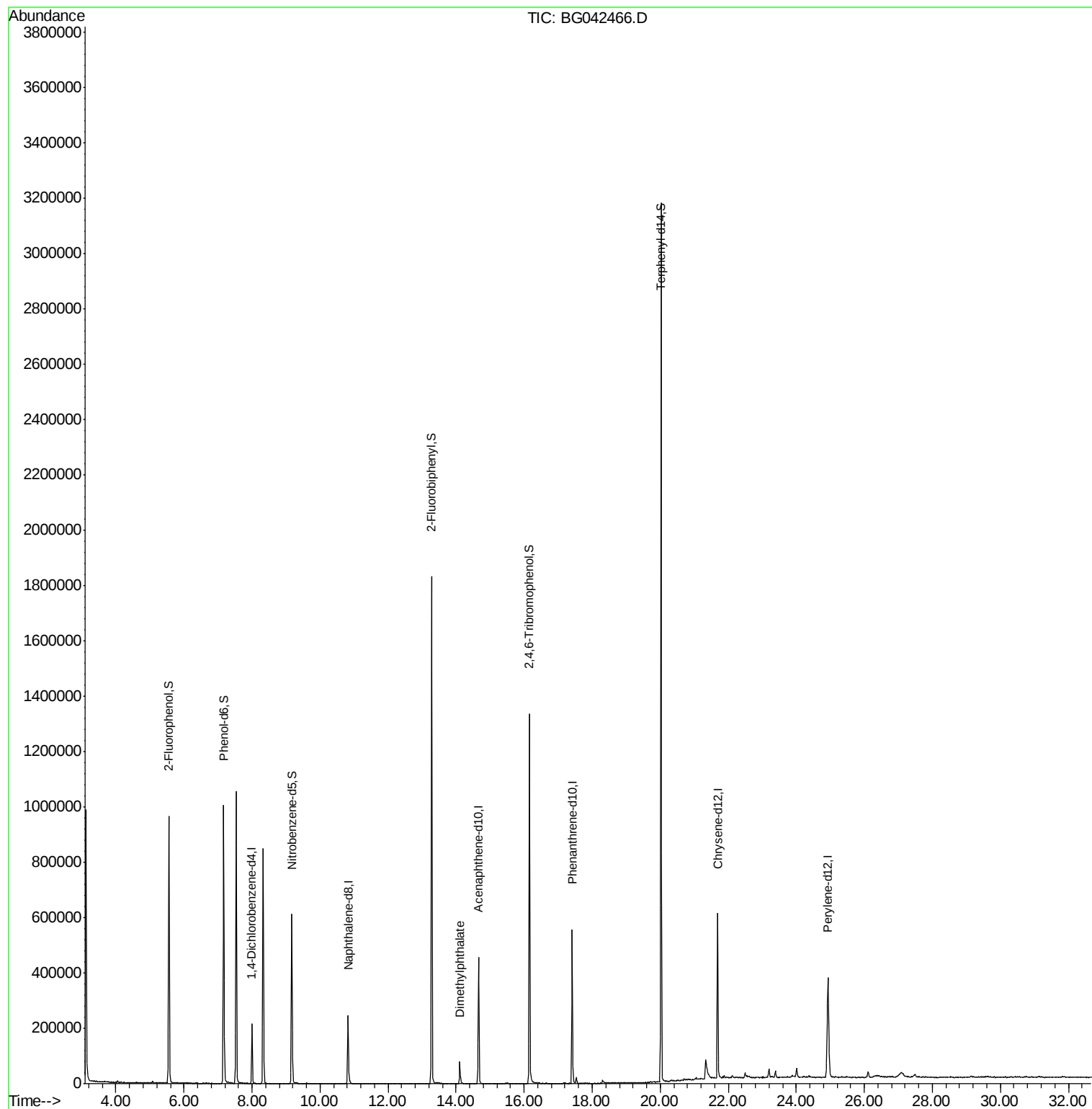
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.00  | 152  | 68348    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.82 | 136  | 271217   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.66 | 164  | 186988   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.41 | 188  | 392249   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.69 | 240  | 381981   | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 24.93 | 264  | 442806   | 20.00  | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.55  | 112  | 493490   | 146.23 | ng    | 0.00      |
| 7) Phenol-d6                | 7.16  | 99   | 683728   | 149.99 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.17  | 82   | 404293   | 103.01 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.15 | 330  | 323365   | 121.67 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.28 | 172  | 1078735  | 97.57  | ng    | 0.00      |
| 79) Terphenyl-d14           | 20.03 | 244  | 1540256  | 87.17  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 14.11 | 163  | 81270    | 6.024  | ng    | Qvalue 99 |

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

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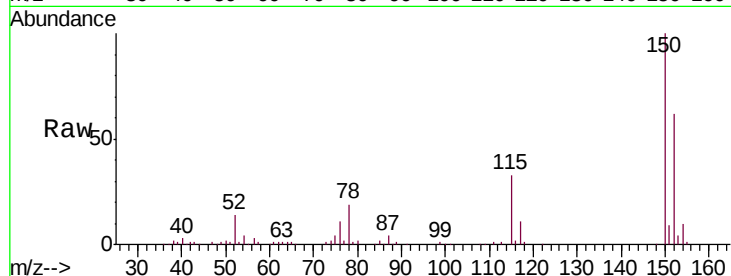


#1

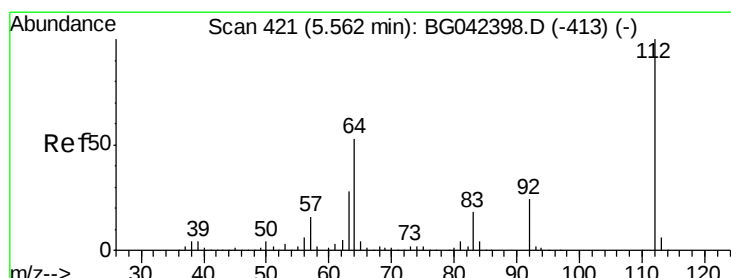
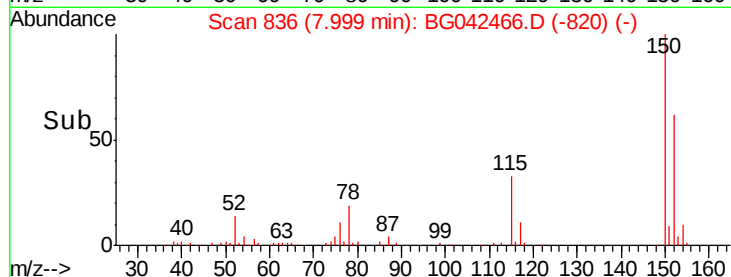
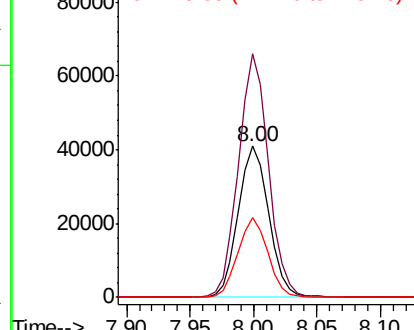
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 836  
Delta R.T. -0.01 min  
Lab File: BG042466.D  
Acq: 24 Aug 2019 14:04

Instrument :  
BNA\_G  
ClientSampled :  
TP-1(3-6)

Tot Ion:152 Resp: 68348  
Ion Ratio Lower Upper  
152 100  
150 161.1 125.4 188.0  
115 52.8 38.5 57.7



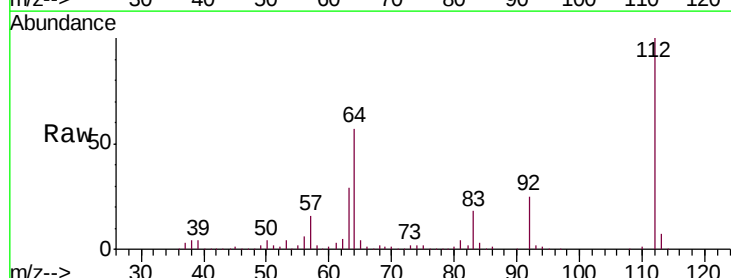
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



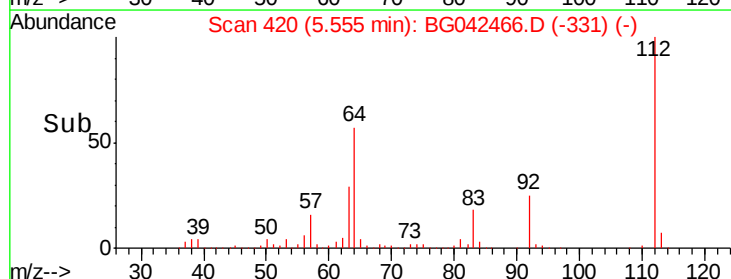
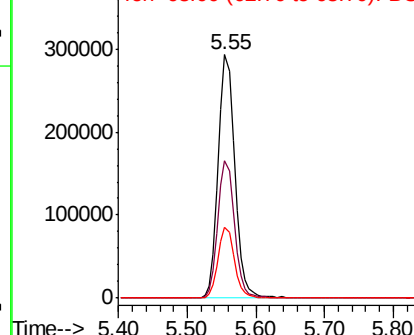
#5

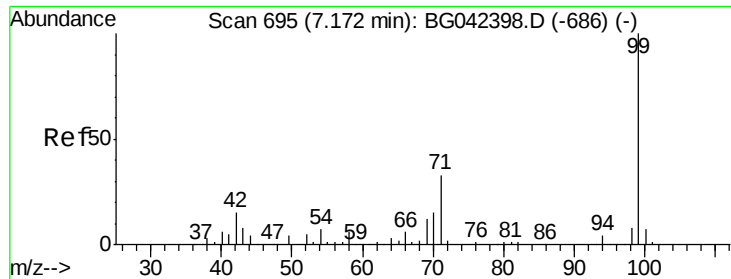
2-Fluorophenol  
Concen: 146.231 ng  
RT: 5.55 min Scan# 420  
Delta R.T. -0.01 min  
Lab File: BG042466.D  
Acq: 24 Aug 2019 14:04

Tgt Ion:112 Resp: 493490  
Ion Ratio Lower Upper  
112 100  
64 56.6 42.8 64.2  
63 29.3 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: 149.990 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042466.D

Acq: 24 Aug 2019 14:04

Instrument :

BNA\_G

ClientSampled :

TP-1(3-6)

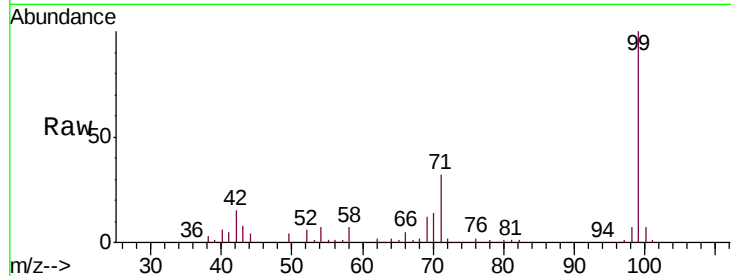
Tot Ion: 99 Resp: 683728

Ion Ratio Lower Upper

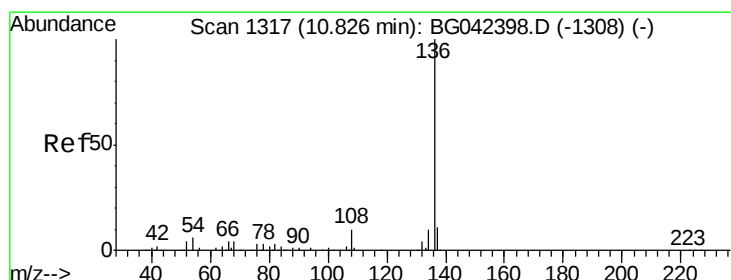
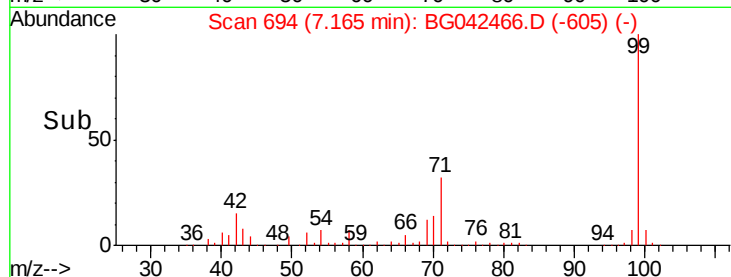
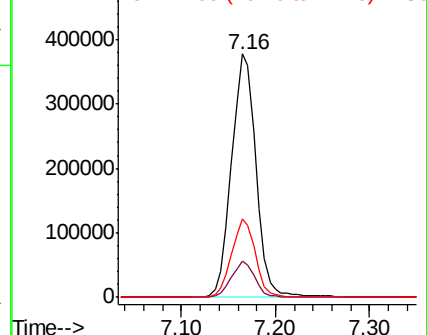
99 100

42 14.7 12.0 18.0

71 32.0 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. -0.01 min

Lab File: BG042466.D

Acq: 24 Aug 2019 14:04

Tgt Ion: 136 Resp: 271217

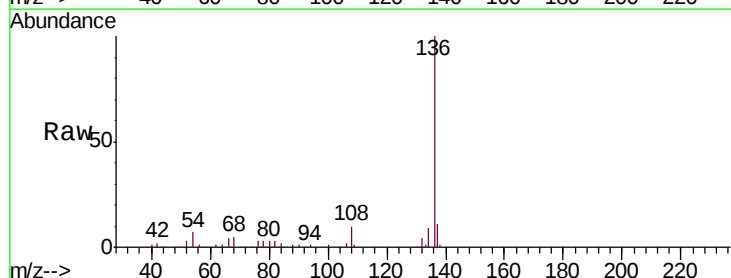
Ion Ratio Lower Upper

136 100

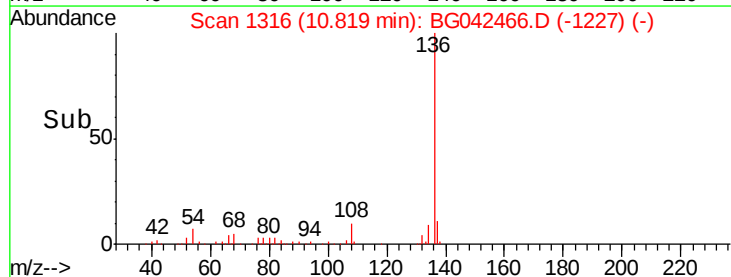
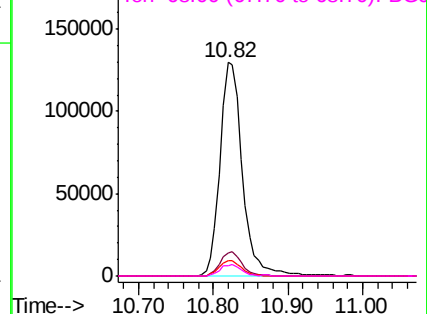
137 11.0 8.7 13.1

54 7.0 4.9 7.3

68 5.1 3.6 5.4



Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

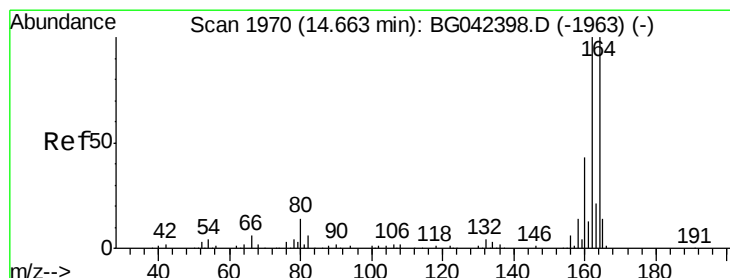
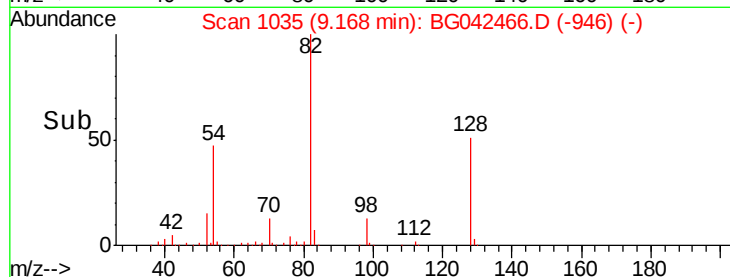
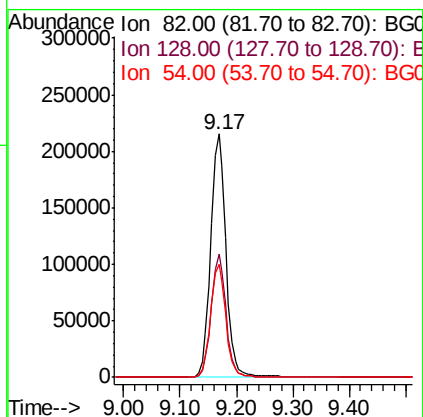
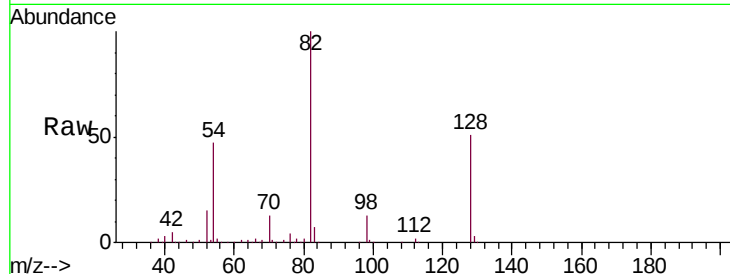




#23  
Nitrobenzene-d5  
Concen: 103.011 ng  
RT: 9.17 min Scan# 1035  
Delta R.T. -0.01 min  
Lab File: BG042466.D  
Acq: 24 Aug 2019 14:04

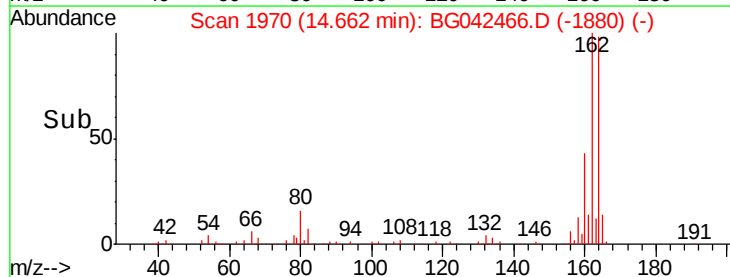
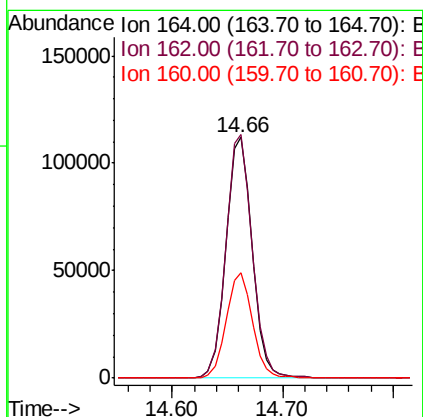
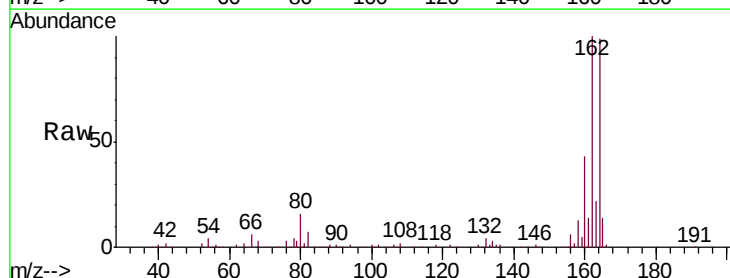
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1(3-6)

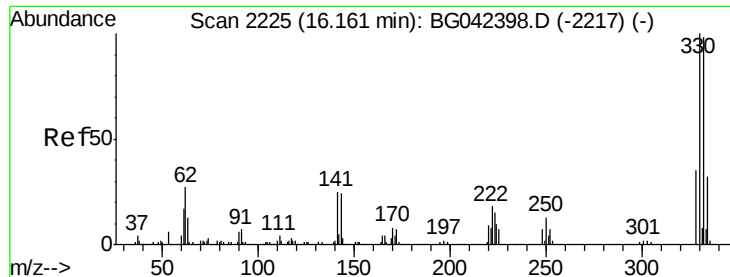
| Tot Ion   | 82    | Resp  | 404293 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 50.8  | 40.7  | 61.1   |
| 54        | 46.7  | 36.3  | 54.5   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.66 min Scan# 1970  
Delta R.T. -0.00 min  
Lab File: BG042466.D  
Acq: 24 Aug 2019 14:04

| Tgt Ion   | 164   | Resp  | 186988 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.2 | 79.9  | 119.9  |
| 160       | 43.7  | 34.3  | 51.5   |

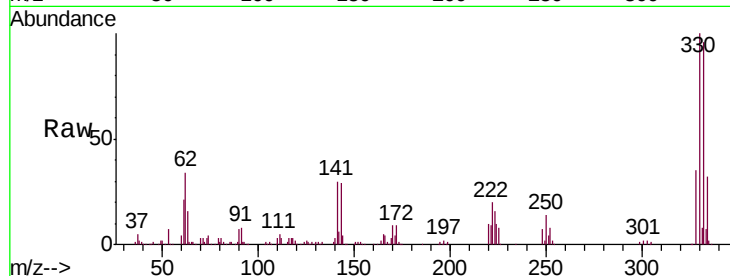




#42  
 2,4,6-Tribromophenol  
 Concen: 121.670 ng  
 RT: 16.15 min Scan# 2224  
 Delta R.T. -0.01 min  
 Lab File: BG042466.D  
 Acq: 24 Aug 2019 14:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1(3-6)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.4  | 77.4  | 116.0 |
| 141     | 30.0  | 21.4  | 32.0  |

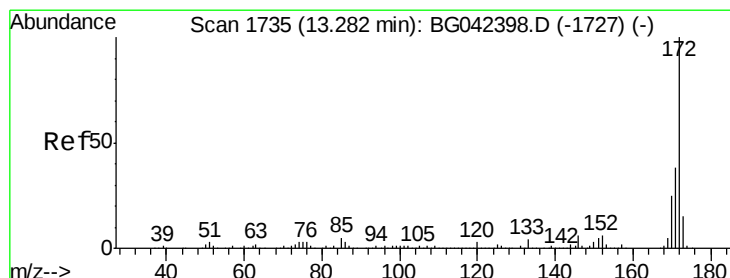
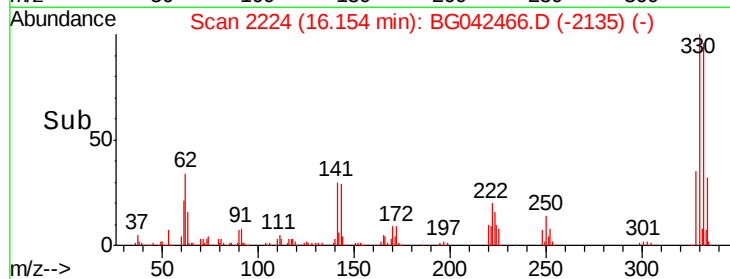
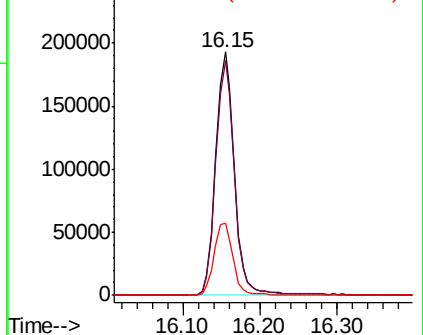


Abundance

Ion 329.80 (329.50 to 330.50): E

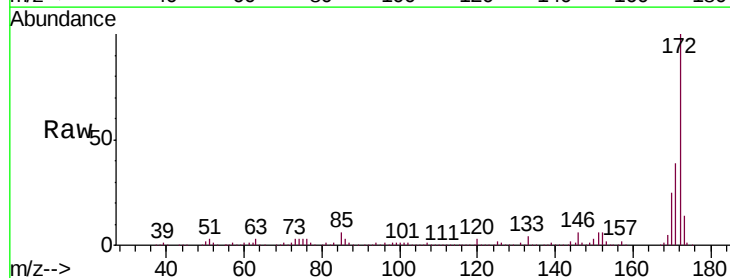
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 97.570 ng  
 RT: 13.28 min Scan# 1735  
 Delta R.T. -0.00 min  
 Lab File: BG042466.D  
 Acq: 24 Aug 2019 14:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.7  | 30.5  | 45.7  |
| 170     | 25.3  | 20.2  | 30.2  |

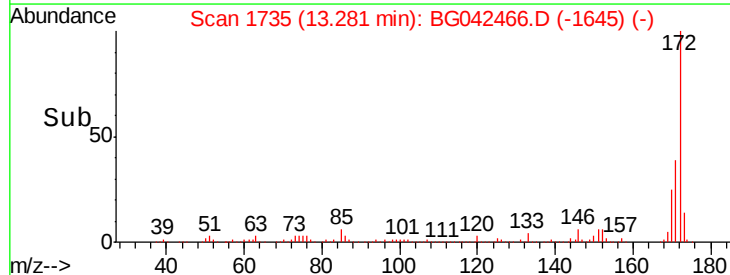
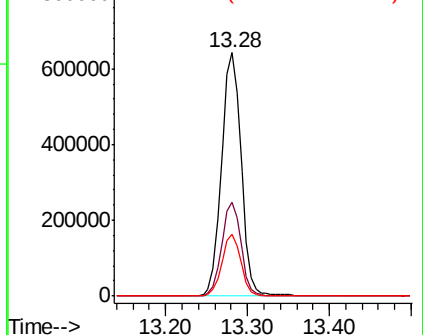


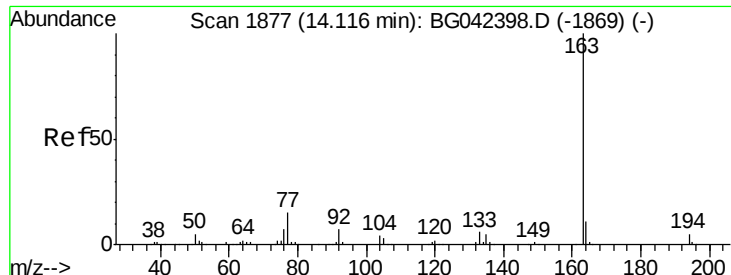
Abundance

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: 6.024 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042466.D

Acq: 24 Aug 2019 14:04

Instrument :

BNA\_G

ClientSampled :

TP-1(3-6)

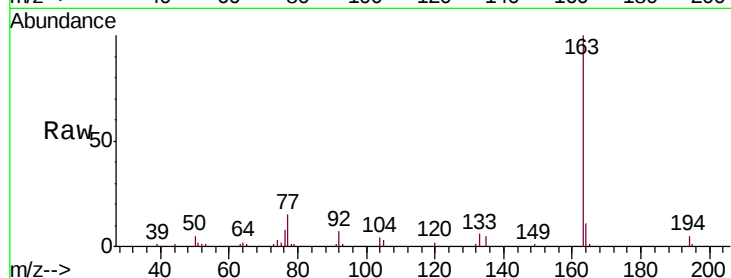
Tot Ion:163 Resp: 81270

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

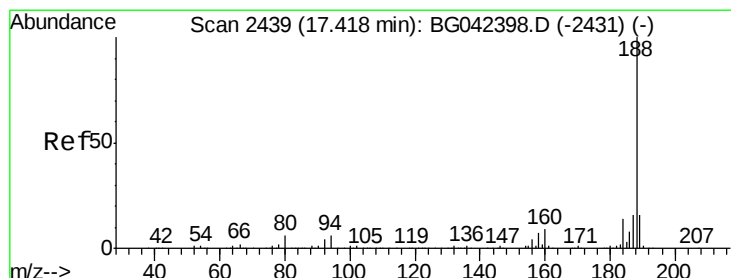
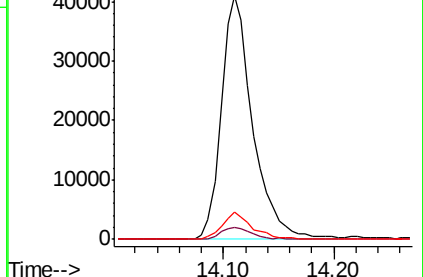
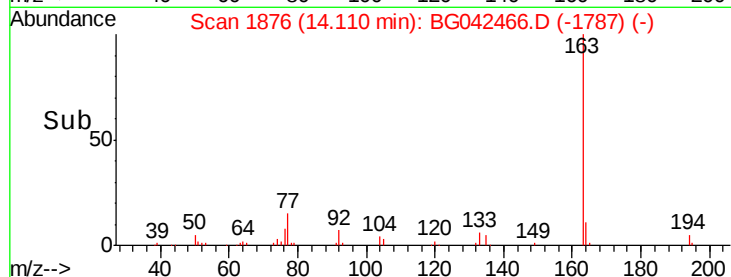
164 11.3 8.8 13.2



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: BG042466.D

Acq: 24 Aug 2019 14:04

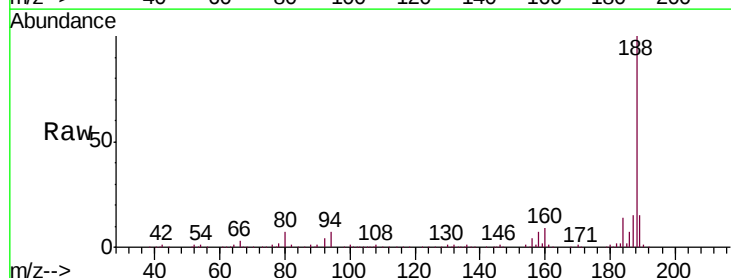
Tgt Ion:188 Resp: 392249

Ion Ratio Lower Upper

188 100

94 7.0 4.5 6.7#

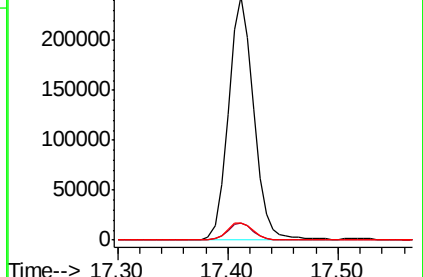
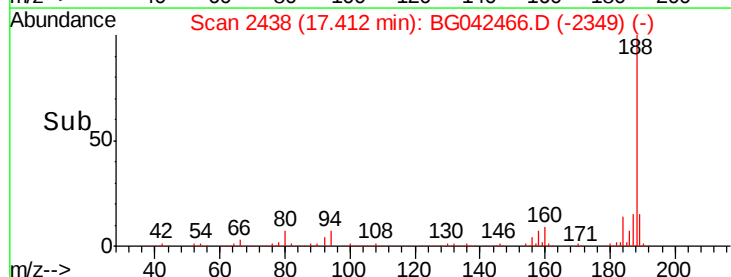
80 7.3 4.9 7.3

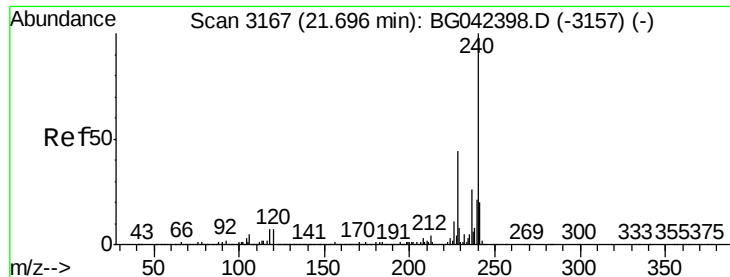


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

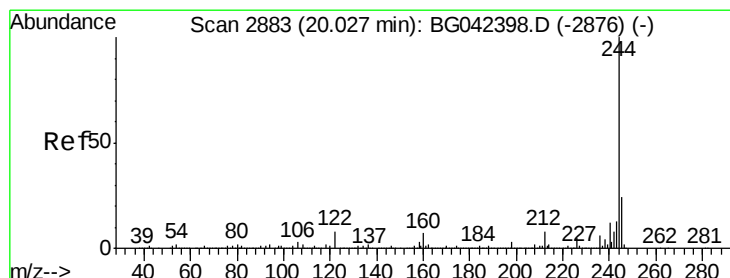
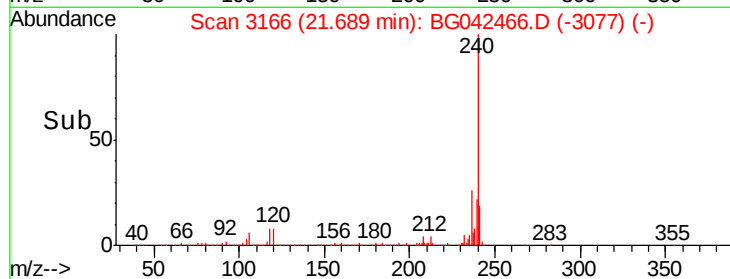
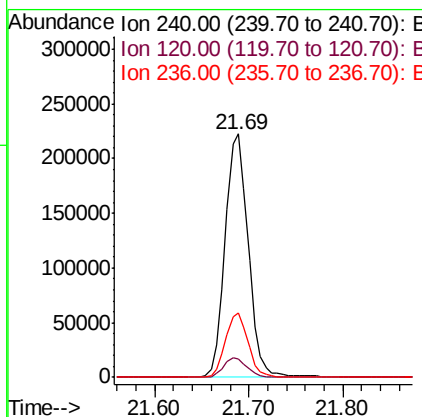
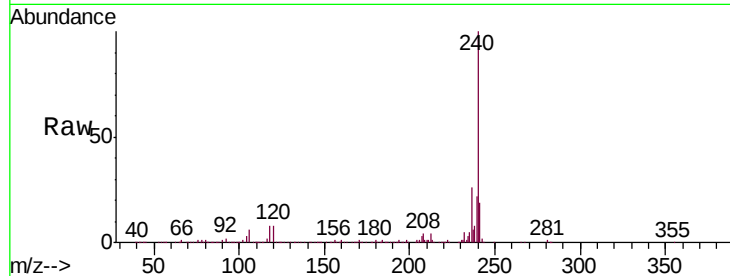




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 21.69 min Scan# 3166  
 Delta R.T. -0.01 min  
 Lab File: BG042466.D  
 Acq: 24 Aug 2019 14:04

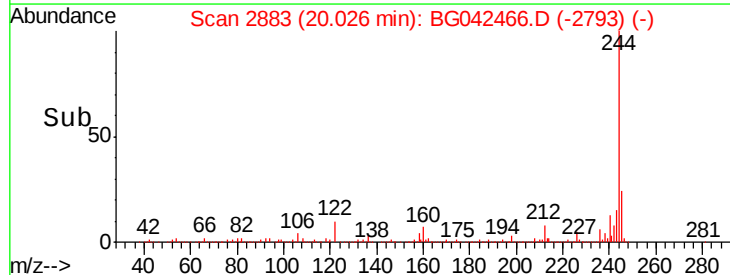
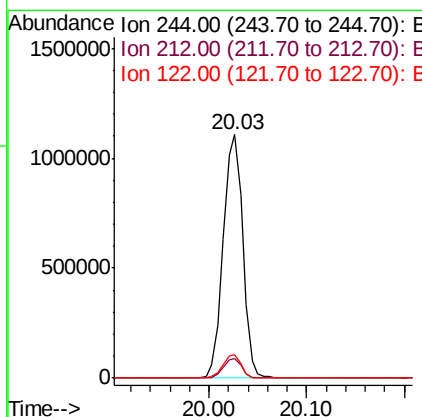
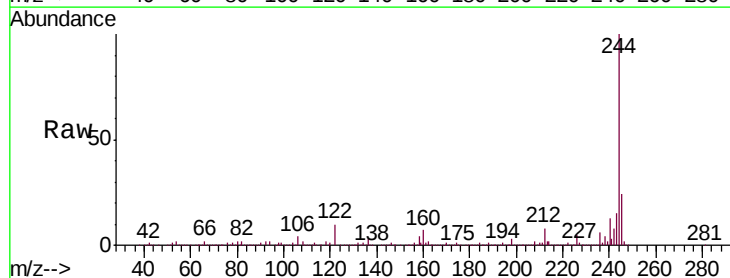
Instrument :  
 BNA\_G  
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 TP-1(3-6)

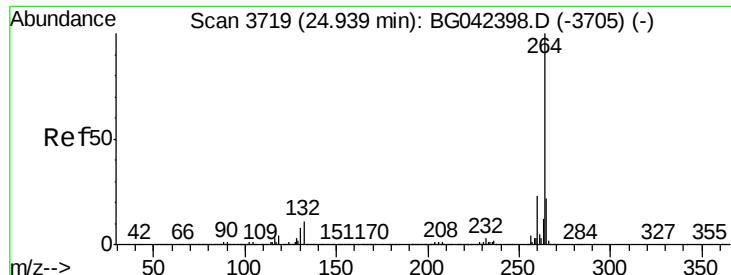
Tot Ion:240 Resp: 381981  
 Ion Ratio Lower Upper  
 240 100  
 120 7.8 5.7 8.5  
 236 26.3 21.0 31.4



#79  
 Terphenyl-d14  
 Concen: 87.175 ng  
 RT: 20.03 min Scan# 2883  
 Delta R.T. -0.00 min  
 Lab File: BG042466.D  
 Acq: 24 Aug 2019 14:04

Tgt Ion:244 Resp: 1540256  
 Ion Ratio Lower Upper  
 244 100  
 212 8.1 6.0 9.0  
 122 9.6 6.7 10.1

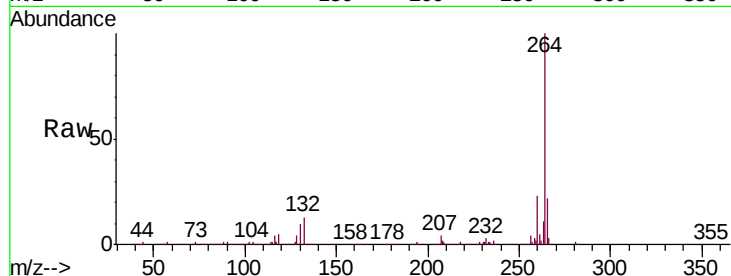




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.93 min Scan# 3717  
Delta R.T. -0.01 min  
Lab File: BG042466.D  
Acq: 24 Aug 2019 14:04

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1(3-6)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.2  | 18.5  | 27.7  |
| 265     | 21.5  | 17.6  | 26.4  |



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

