

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090120\  
 Data File : BG046485.D  
 Acq On : 1 Sep 2020 14:58  
 Operator : CG/JU  
 Sample : PB131322BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131322BL

Quant Time: Sep 01 17:44:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 31 16:05:33 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.93  | 152  | 71547    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.73 | 136  | 275427   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.56 | 164  | 177629   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.31 | 188  | 430168   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.55 | 240  | 508618   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 24.65 | 264  | 509646   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.52  | 112  | 491178   | 121.59 | ng    | 0.00     |
| 7) Phenol-d6                | 7.11  | 99   | 621329   | 108.50 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.09  | 82   | 407075   | 84.47  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.05 | 330  | 266347   | 110.67 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.19 | 172  | 1026143  | 88.19  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.92 | 244  | 1745815  | 73.05  | ng    | 0.00     |

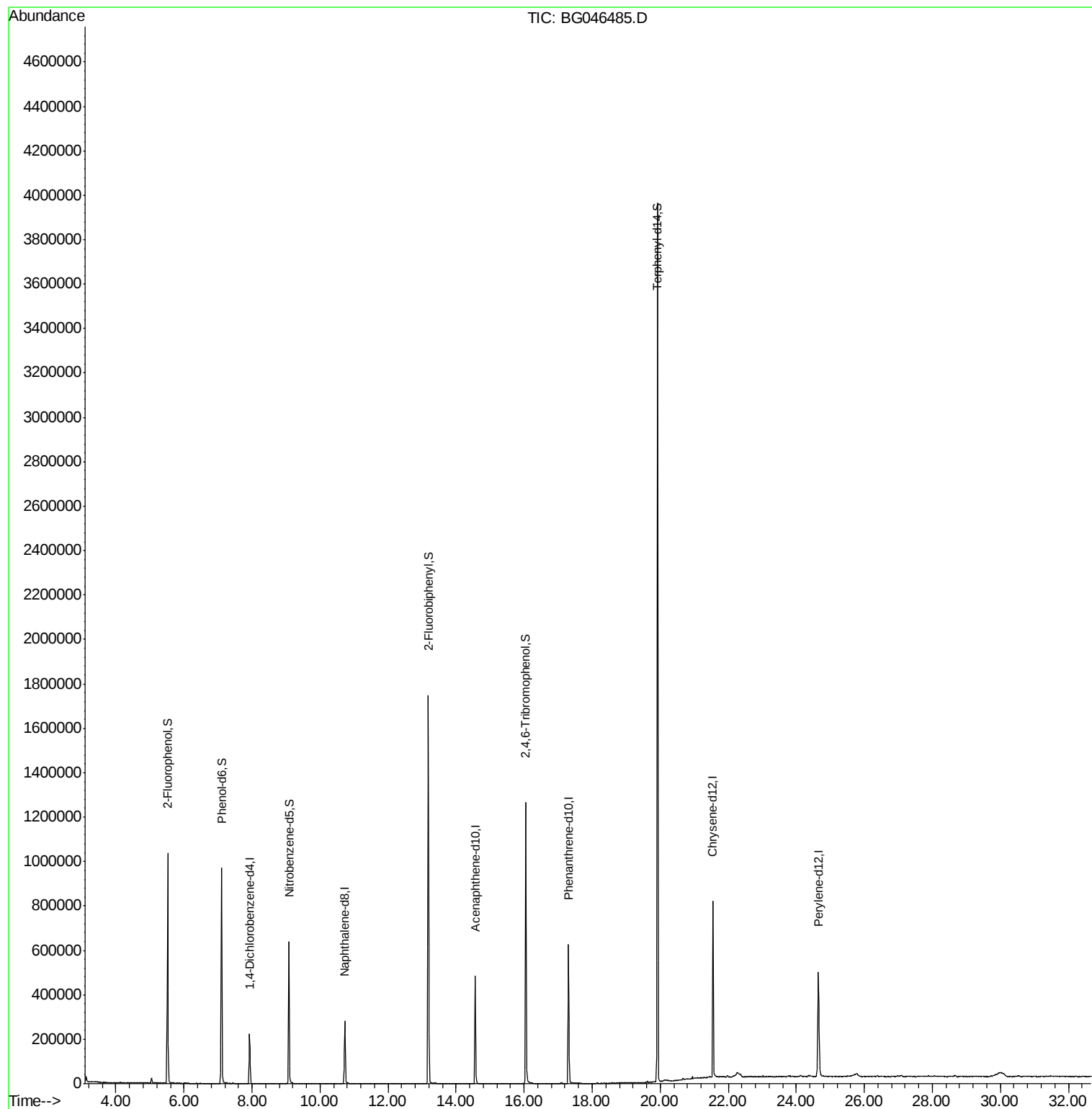
Target Compounds Qvalue

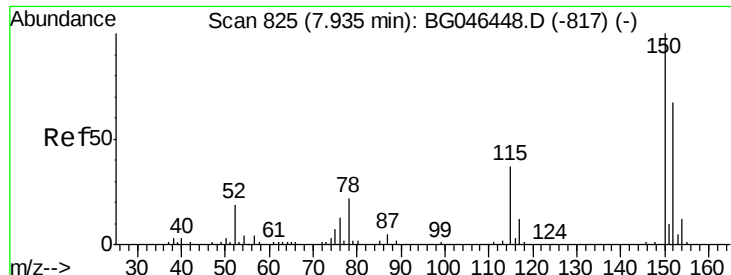
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
PB131322BL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M  
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QLast Update : Mon Aug 31 16:05:33 2020  
Response via : Initial Calibration



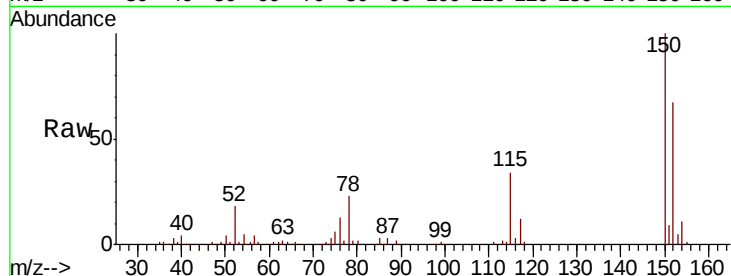


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.93 min Scan# 824  
Delta R.T. -0.00 min  
Lab File: BG046485.D  
Acq: 1 Sep 2020 14:58

Instrument :  
BNA\_G  
ClientSampleId :  
PB131322BL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 150.2 | 119.5 | 179.3 |
| 115     | 51.1  | 44.3  | 66.5  |

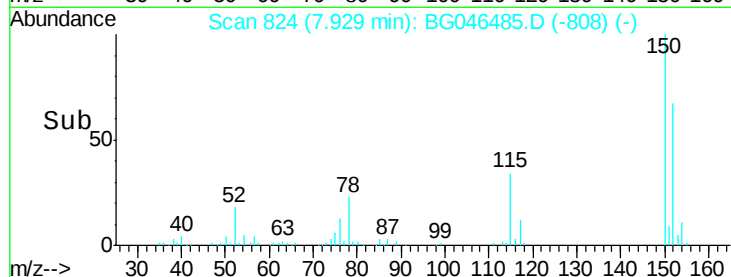
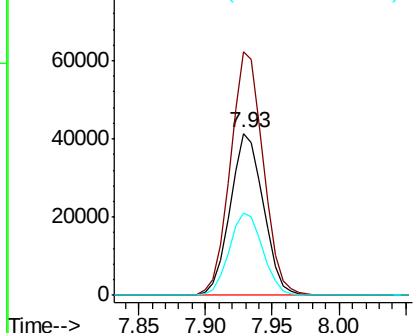


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

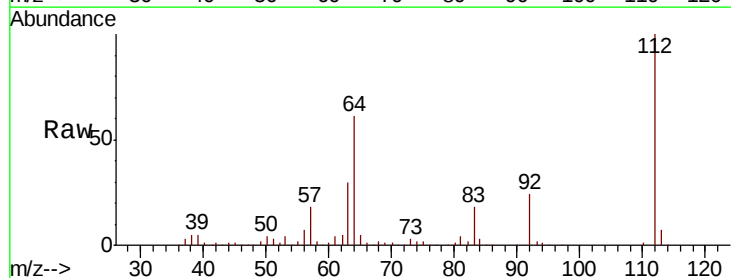
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 121.594 ng  
RT: 5.52 min Scan# 414  
Delta R.T. 0.01 min  
Lab File: BG046485.D  
Acq: 1 Sep 2020 14:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 60.6  | 47.0  | 70.6  |
| 63      | 29.7  | 23.5  | 35.3  |

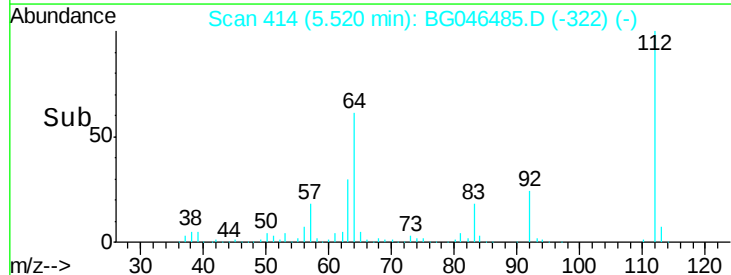
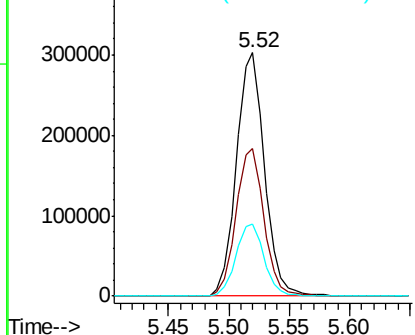


Abundance

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: 108.502 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046485.D

Acq: 1 Sep 2020 14:58

Instrument :

BNA\_G

ClientSampleId :

PB131322BL

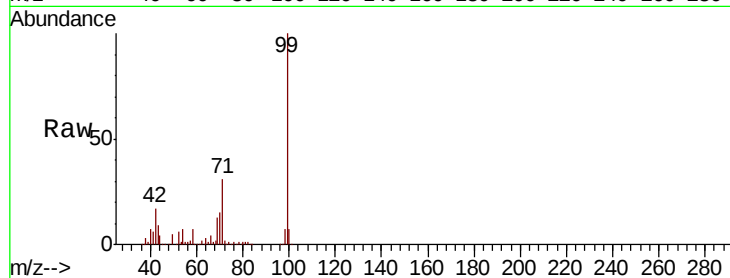
Tot Ion: 99 Resp: 621329

Ion Ratio Lower Upper

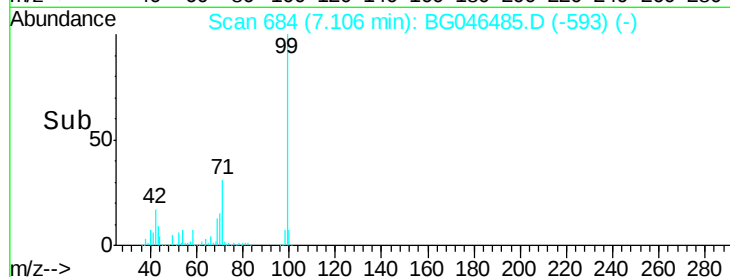
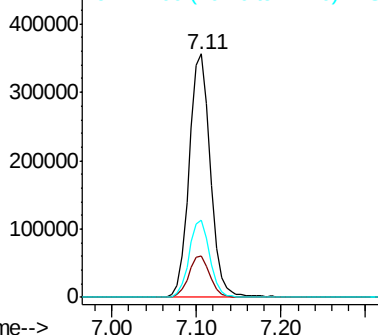
99 100

42 16.9 13.3 19.9

71 31.5 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: BG046485.D

Acq: 1 Sep 2020 14:58

Tgt Ion: 136 Resp: 275427

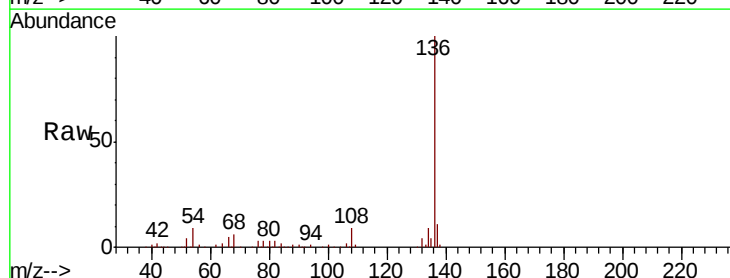
Ion Ratio Lower Upper

136 100

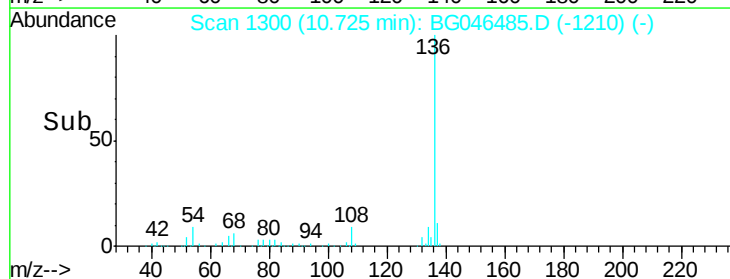
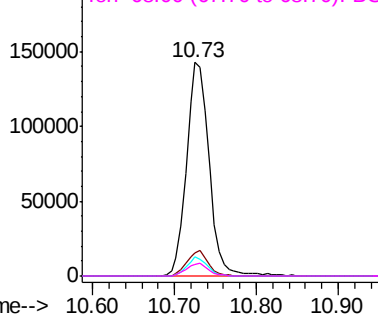
137 10.6 8.8 13.2

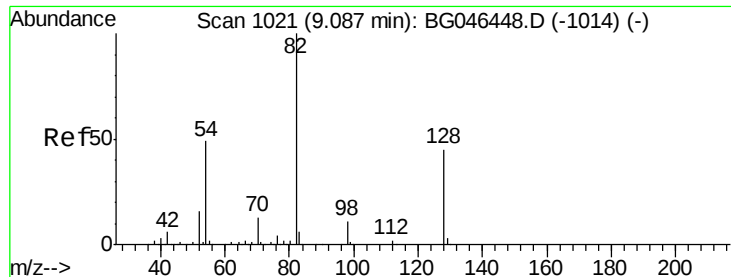
54 8.7 6.1 9.1

68 5.7 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

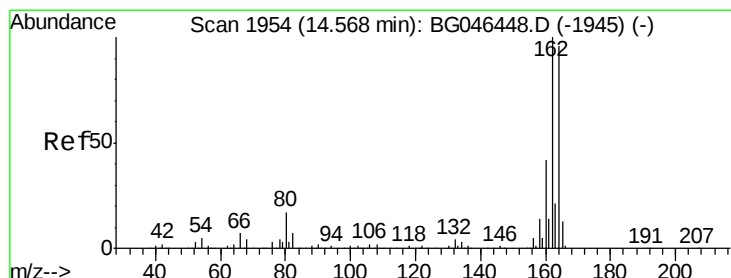
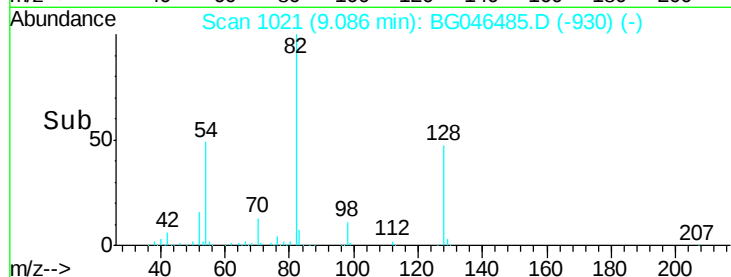
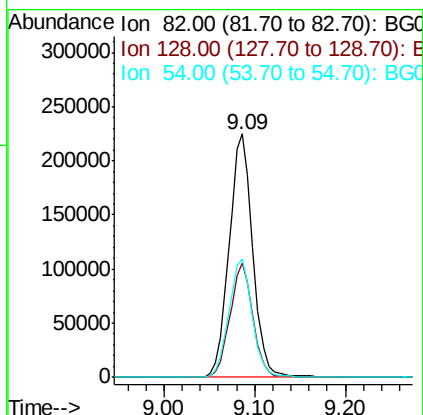
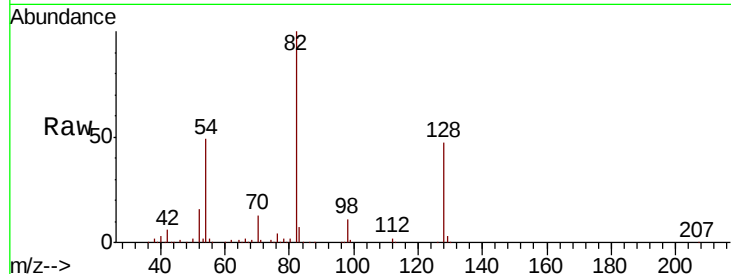




#23  
Nitrobenzene-d5  
Concen: 84.474 ng  
RT: 9.09 min Scan# 1021  
Delta R.T. 0.00 min  
Lab File: BG046485.D  
Acq: 1 Sep 2020 14:58

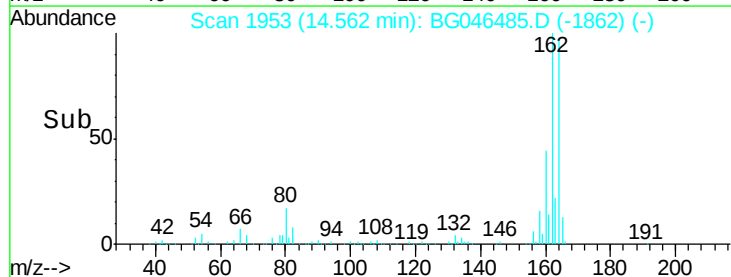
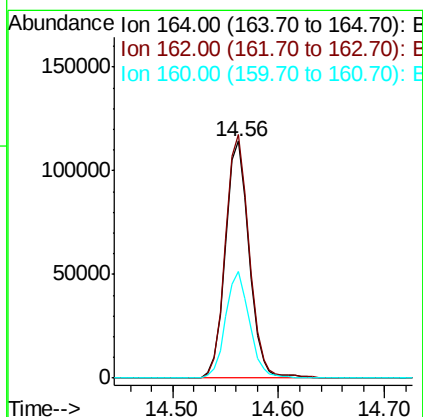
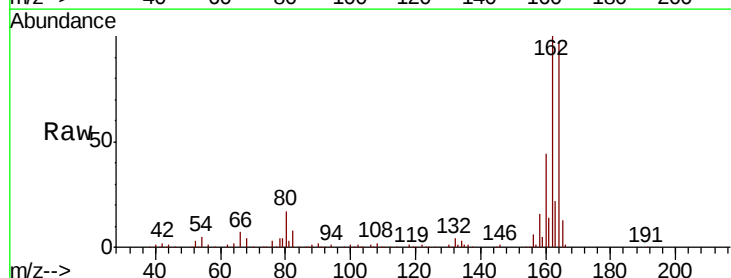
Instrument :  
BNA\_G  
ClientSampleId :  
PB131322BL

| Tot Ion   | 82   | Resp  | 407075 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 47.1 | 35.7  | 53.5   |
| 54        | 48.5 | 39.4  | 59.0   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.56 min Scan# 1953  
Delta R.T. 0.00 min  
Lab File: BG046485.D  
Acq: 1 Sep 2020 14:58

| Tgt Ion   | 164   | Resp  | 177629 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 162       | 102.8 | 83.3  | 124.9  |
| 160       | 45.1  | 35.0  | 52.6   |

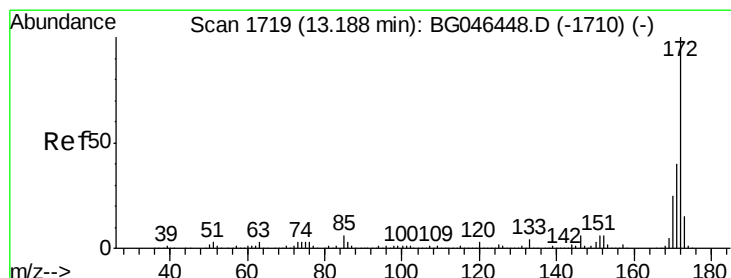
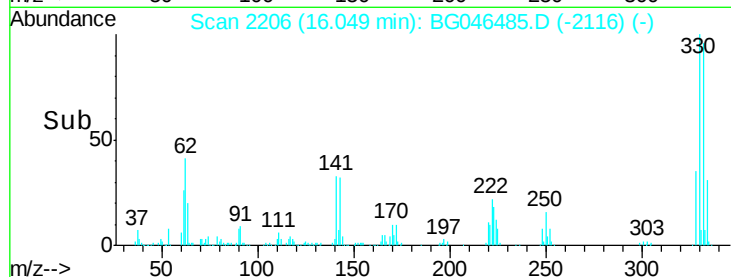
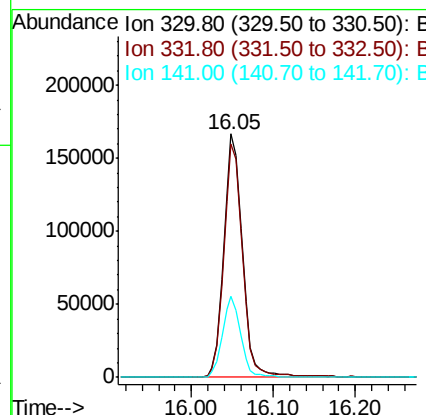
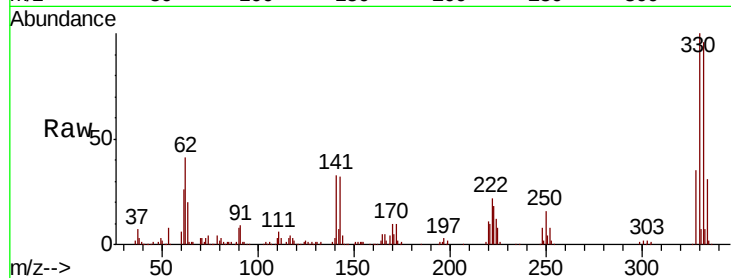




#42  
 2,4,6-Tribromophenol  
 Concen: 110.667 ng  
 RT: 16.05 min Scan# 2206  
 Delta R.T. -0.00 min  
 Lab File: BG046485.D  
 Acq: 1 Sep 2020 14:58

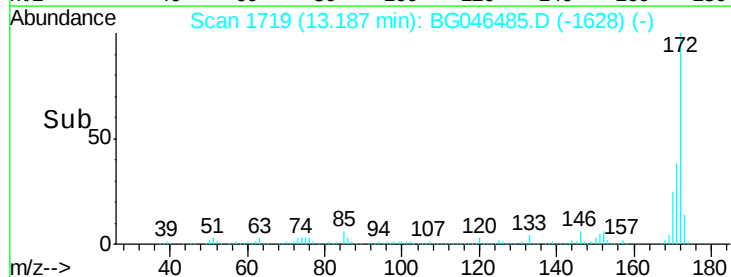
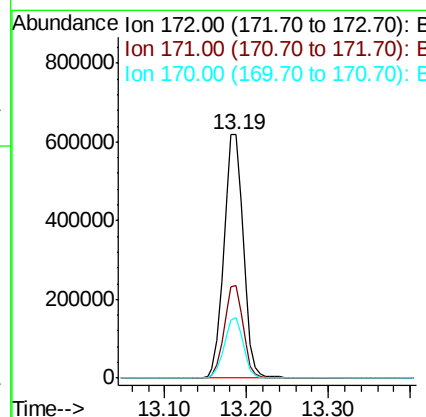
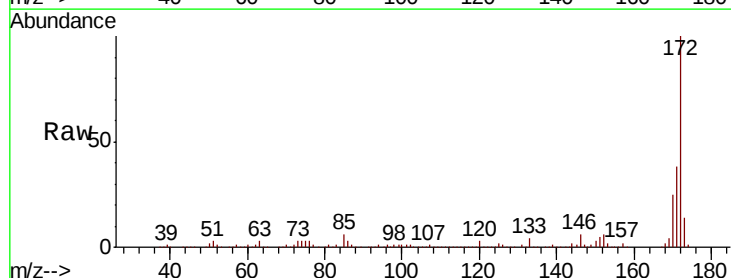
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131322BL

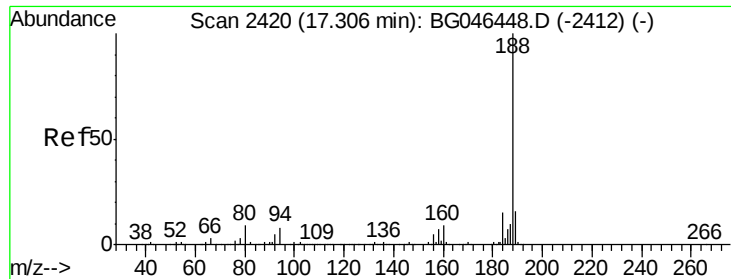
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.4  | 76.1  | 114.1 |
| 141     | 32.7  | 26.1  | 39.1  |



#45  
 2-Fluorobiphenyl  
 Concen: 88.188 ng  
 RT: 13.19 min Scan# 1719  
 Delta R.T. 0.00 min  
 Lab File: BG046485.D  
 Acq: 1 Sep 2020 14:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.2  | 31.8  | 47.6  |
| 170     | 25.0  | 20.3  | 30.5  |

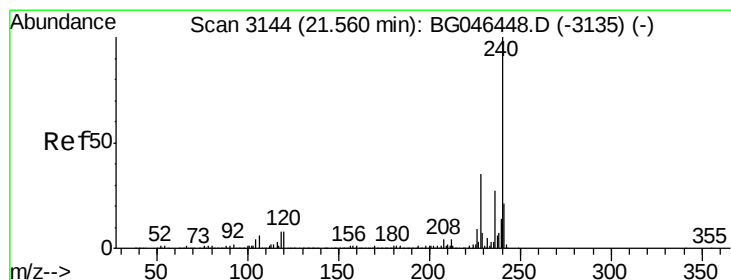
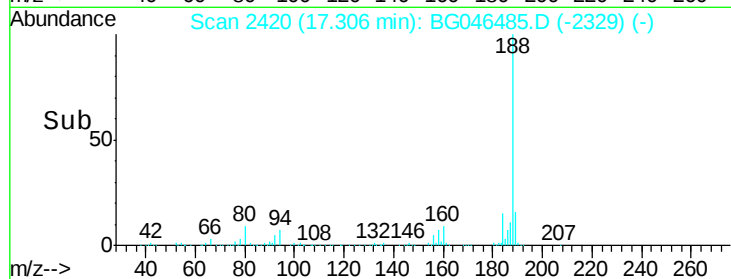
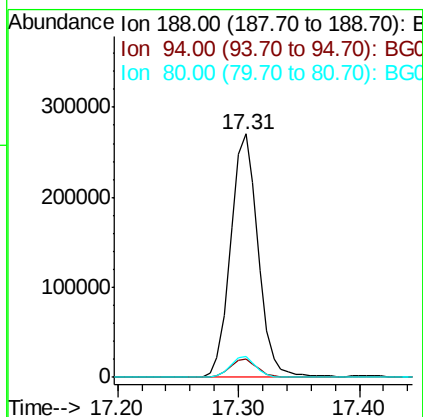
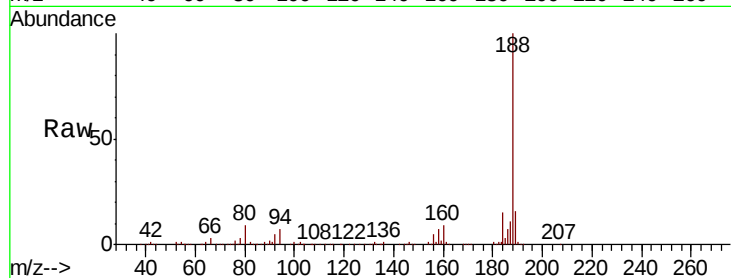




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.31 min Scan# 2420  
Delta R.T. 0.00 min  
Lab File: BG046485.D  
Acq: 1 Sep 2020 14:58

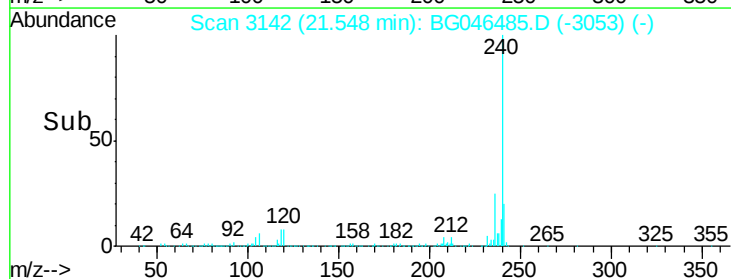
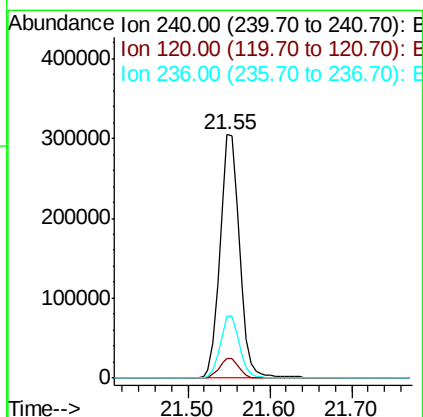
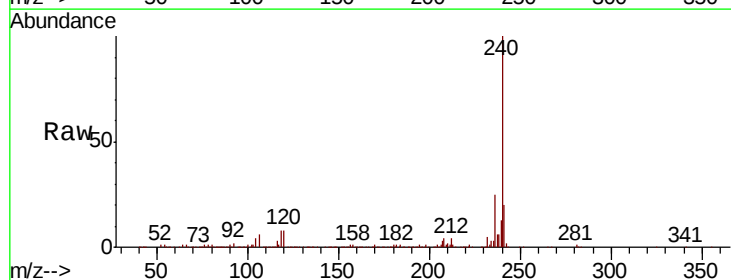
Instrument :  
BNA\_G  
ClientSampleId :  
PB131322BL

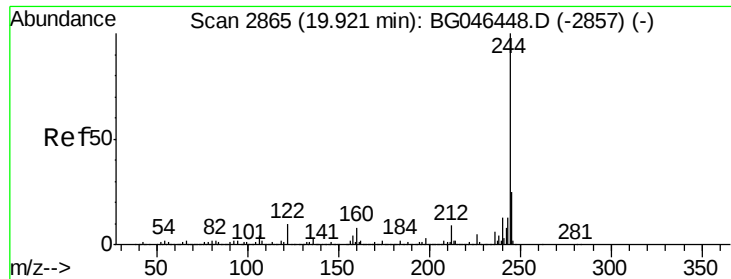
Tot Ion:188 Resp: 430168  
Ion Ratio Lower Upper  
188 100  
94 7.3 6.3 9.5  
80 8.7 6.9 10.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.55 min Scan# 3142  
Delta R.T. -0.01 min  
Lab File: BG046485.D  
Acq: 1 Sep 2020 14:58

Tgt Ion:240 Resp: 508618  
Ion Ratio Lower Upper  
240 100  
120 8.3 6.6 10.0  
236 25.3 21.4 32.2





#79

Terphenyl-d14

Concen: 73.049 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046485.D

Acq: 1 Sep 2020 14:58

Instrument :

BNA\_G

ClientSampleId :

PB131322BL

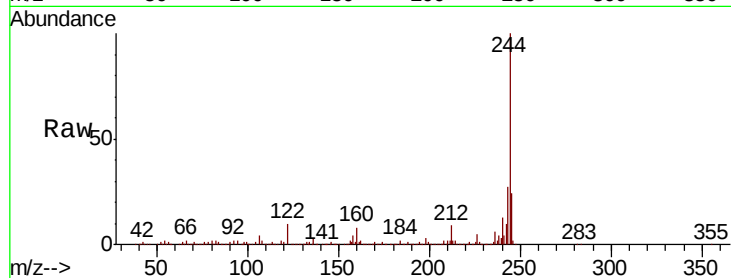
Tot Ion:244 Resp: 1745815

Ion Ratio Lower Upper

244 100

212 8.7 6.9 10.3

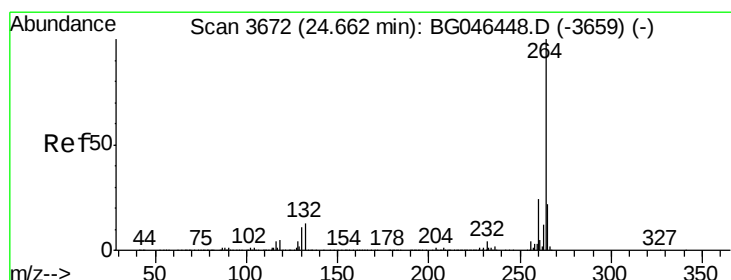
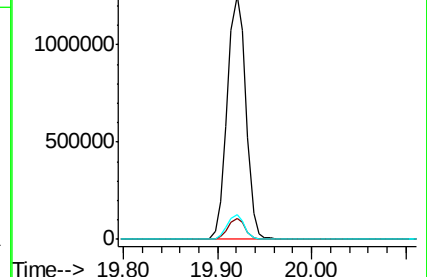
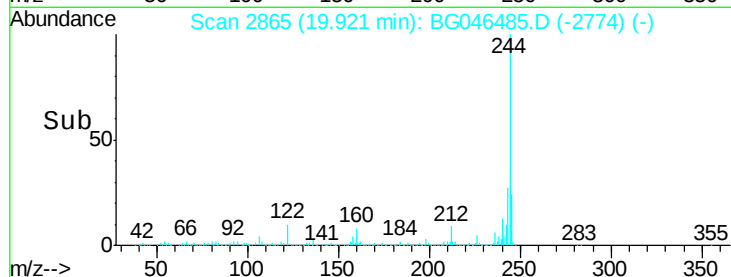
122 9.9 8.2 12.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BG046485.D

Acq: 1 Sep 2020 14:58

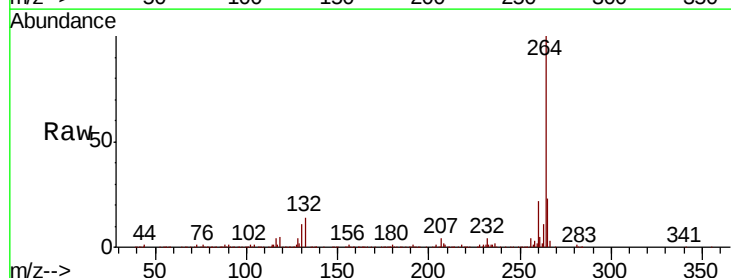
Tgt Ion:264 Resp: 509646

Ion Ratio Lower Upper

264 100

260 22.3 19.2 28.8

265 22.8 17.9 26.9



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

