

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\  
 Data File : BG044000.D  
 Acq On : 10 Jan 2020 13:39  
 Operator : JU  
 Sample : PB126006BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126006BL

Quant Time: Jan 11 04:46:04 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 31 13:32:23 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.95  | 152  | 104492   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.75 | 136  | 427878   | 20.00  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.58 | 164  | 270590   | 20.00  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.33 | 188  | 594390   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.57 | 240  | 519087   | 20.00  | ng    | -0.02    |
| 87) Perylene-d12            | 24.69 | 264  | 548958   | 20.00  | ng    | -0.03    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.53  | 112  | 890311   | 156.44 | ng    | -0.01    |
| 7) Phenol-d6                | 7.12  | 99   | 1229063  | 154.50 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.11  | 82   | 716026   | 89.52  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 16.07 | 330  | 440088   | 155.42 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.21 | 172  | 1569784  | 105.11 | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.94 | 244  | 2263938  | 114.74 | ng    | -0.02    |

Target Compounds Qvalue

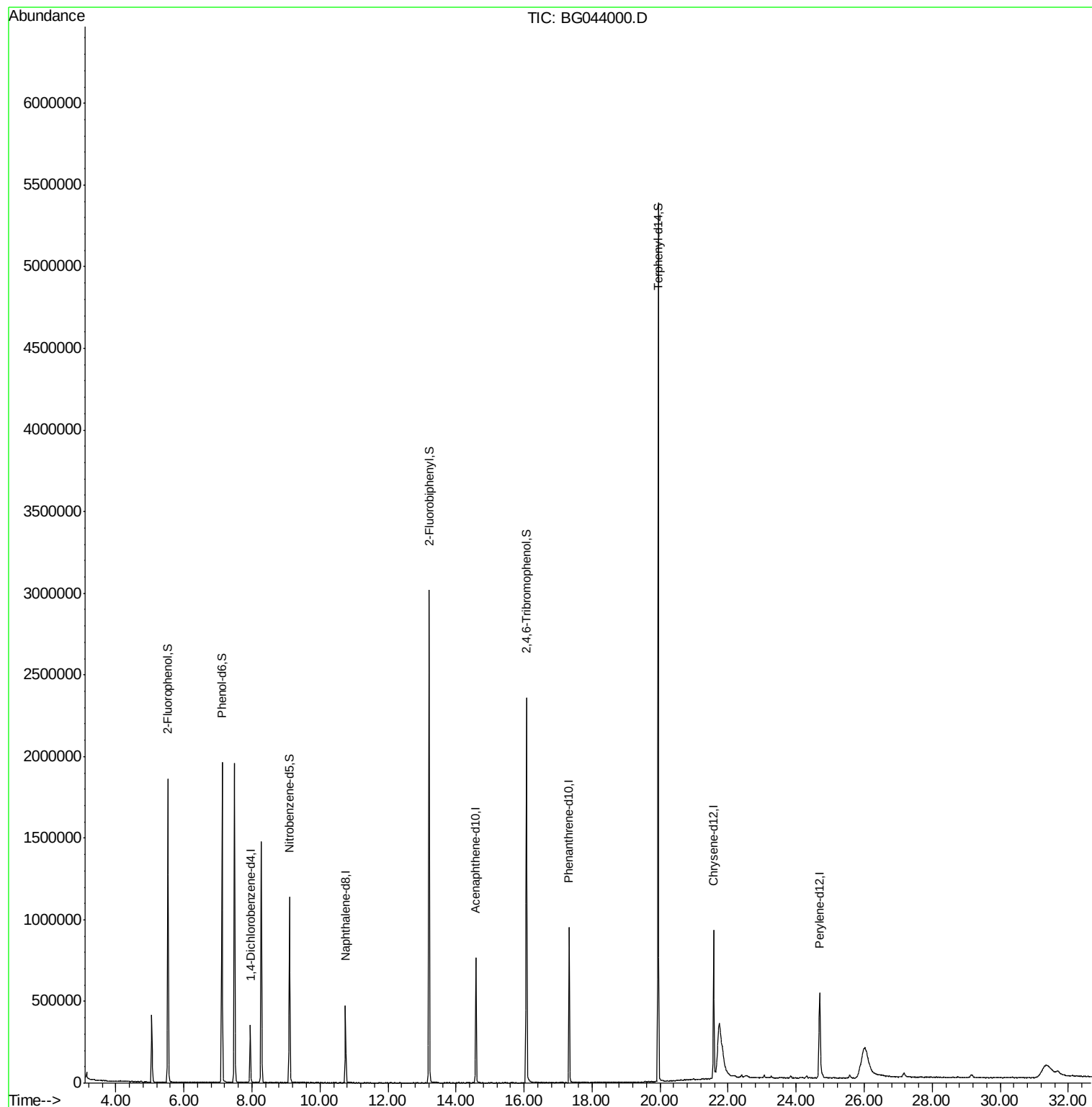
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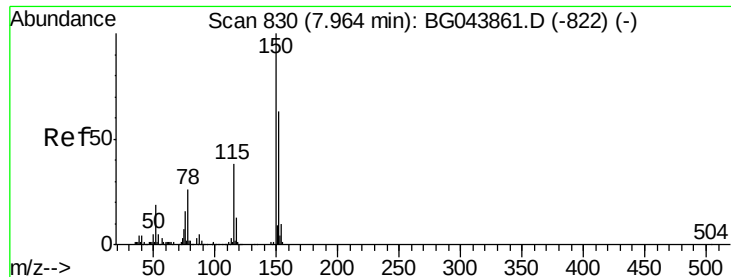
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\  
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Misc :  
ALS Vial : 5 Sample Multiplier: 1

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BNA\_G  
ClientSampleId :  
PB126006BL

Quant Time: Jan 11 04:46:04 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 31 13:32:23 2019  
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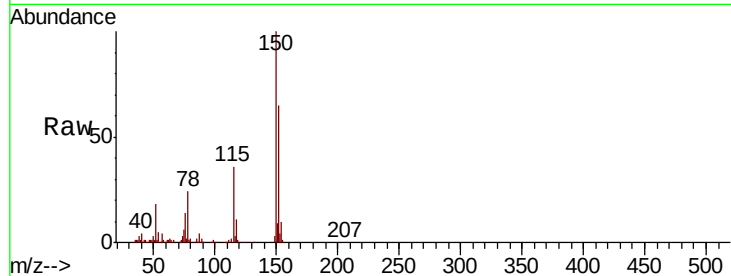


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.95 min Scan# 828  
Delta R.T. -0.01 min  
Lab File: BG044000.D  
Acq: 10 Jan 2020 13:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB126006BL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.9 | 127.0 | 190.4 |
| 115     | 55.9  | 47.8  | 71.8  |

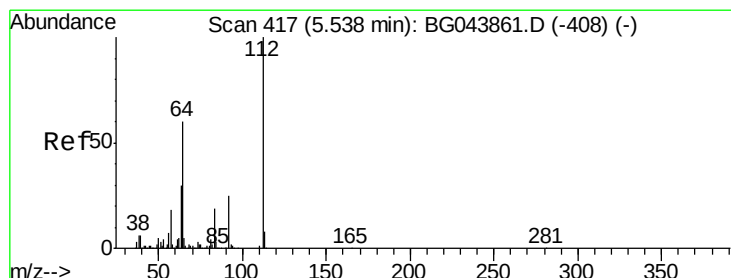
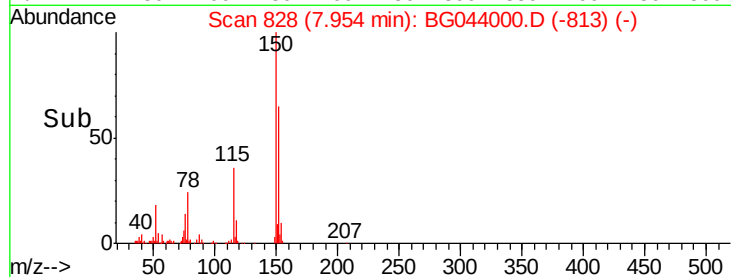
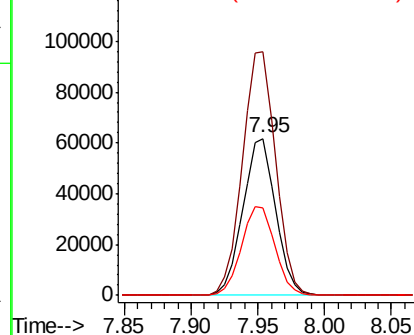


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

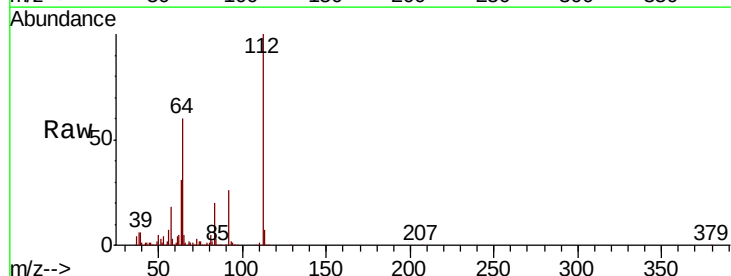
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 156.444 ng  
RT: 5.53 min Scan# 415  
Delta R.T. -0.01 min  
Lab File: BG044000.D  
Acq: 10 Jan 2020 13:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 60.2  | 47.8  | 71.6  |
| 63      | 30.9  | 24.3  | 36.5  |

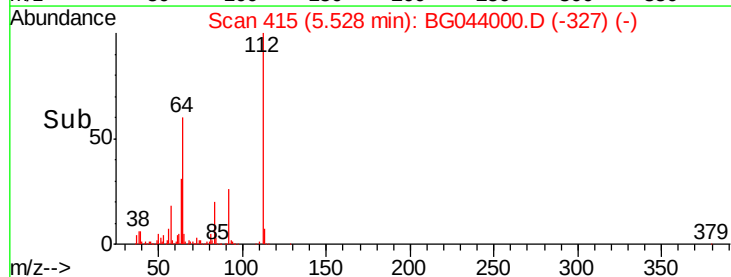
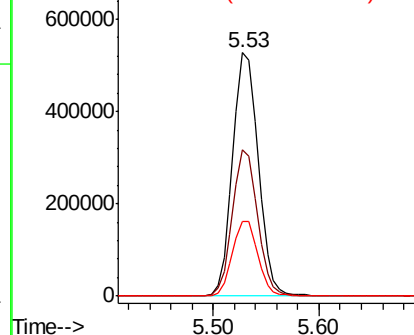


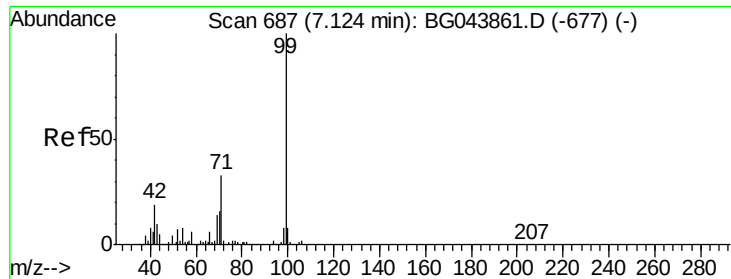
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 154.505 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG044000.D

Acq: 10 Jan 2020 13:39

Instrument :

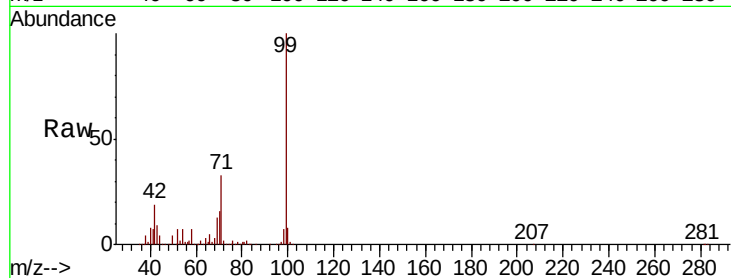
BNA\_G

ClientSampleId :

PB126006BL

Tot Ion: 99 Resp: 1229063

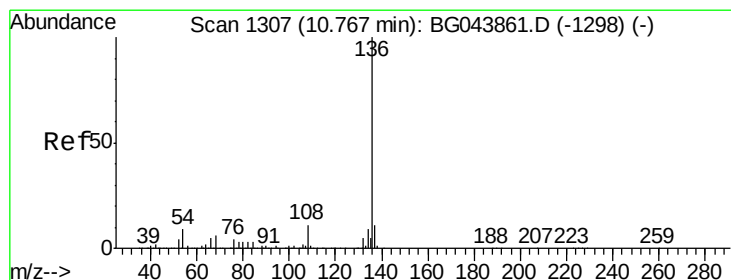
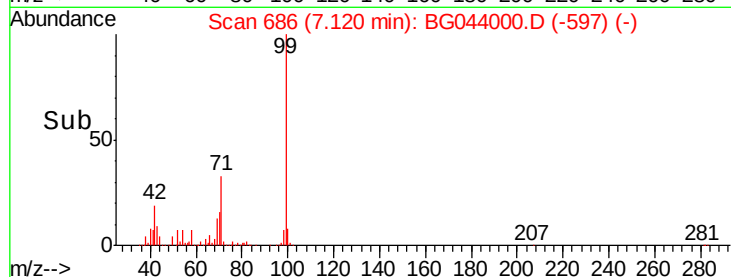
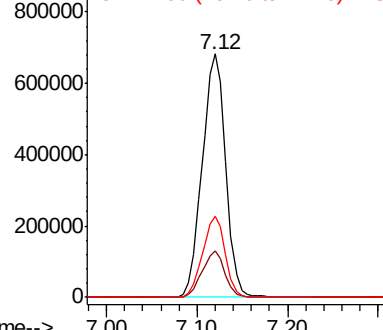
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.1  | 14.9  | 22.3  |
| 71  | 33.4  | 26.4  | 39.6  |



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: 10.75 min Scan# 1304

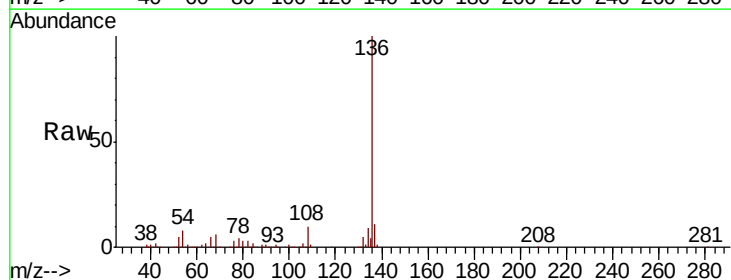
Delta R.T. -0.02 min

Lab File: BG044000.D

Acq: 10 Jan 2020 13:39

Tgt Ion: 136 Resp: 427878

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.8   | 13.2  |
| 54  | 7.6   | 7.0   | 10.4  |
| 68  | 6.0   | 4.9   | 7.3   |

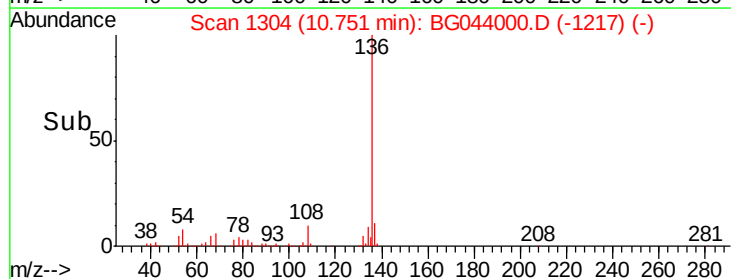
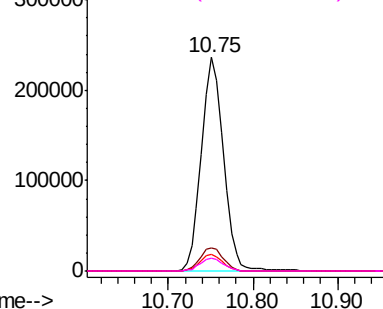


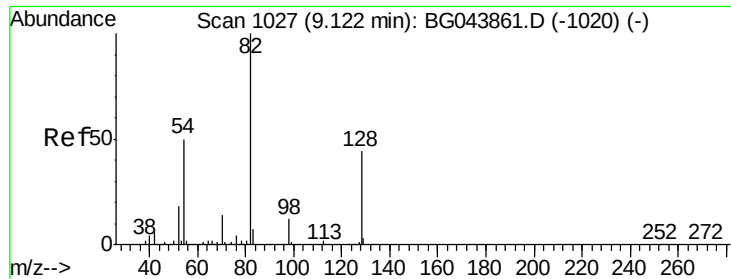
Abundance Ion 136.00 (135.70 to 136.70): E

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

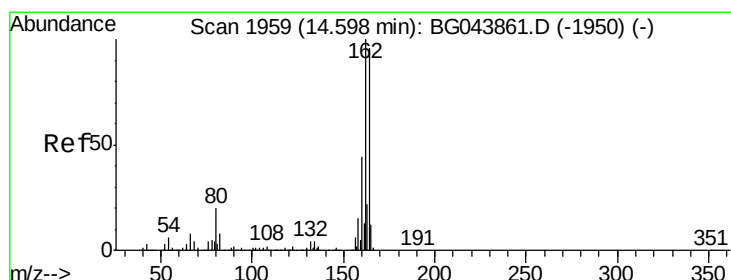
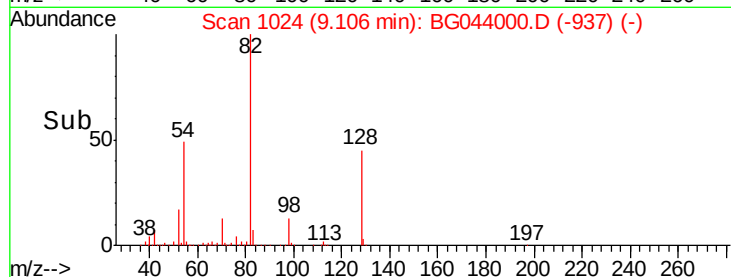
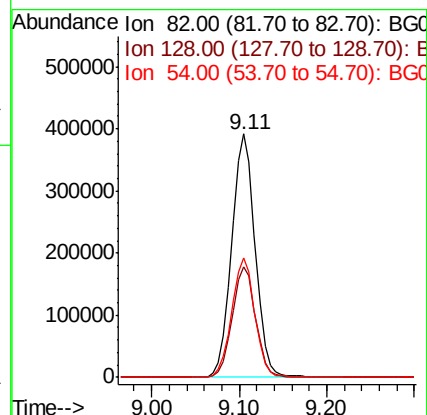
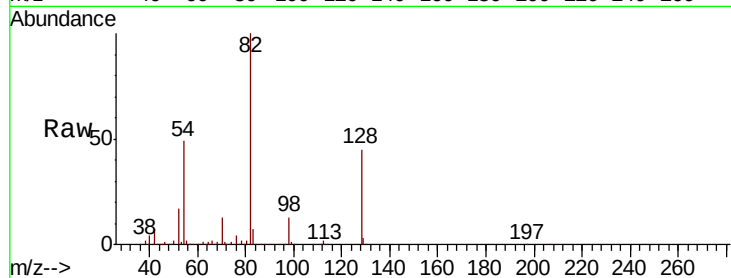




#23  
Nitrobenzene-d5  
Concen: 89.522 ng  
RT: 9.11 min Scan# 1024  
Delta R.T. -0.02 min  
Lab File: BG044000.D  
Acq: 10 Jan 2020 13:39

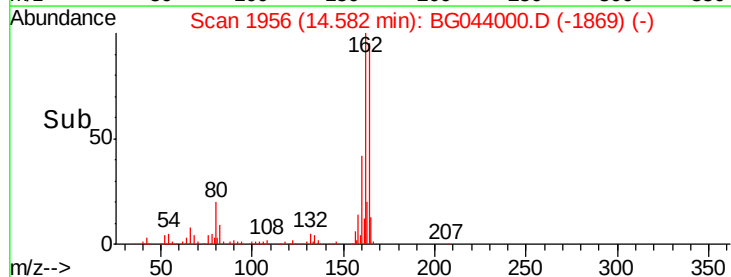
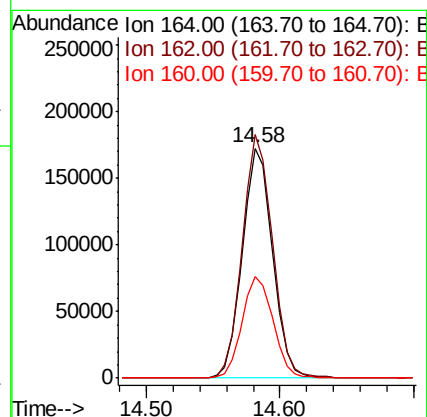
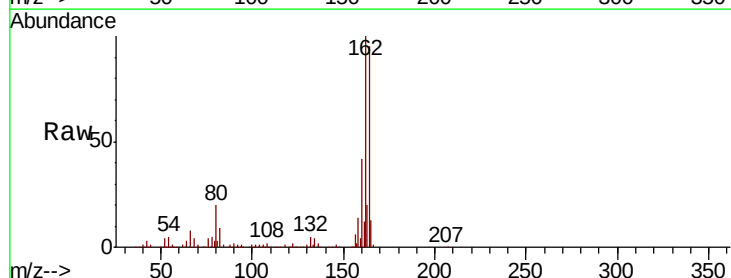
Instrument :  
BNA\_G  
ClientSampleID :  
PB126006BL

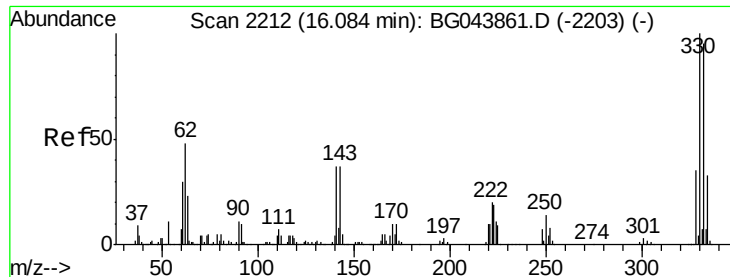
| Tot Ion | 82    | Resp  | 716026 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 82      | 100   |       |        |
| 128     | 45.2  | 35.1  | 52.7   |
| 54      | 49.0  | 40.1  | 60.1   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.58 min Scan# 1956  
Delta R.T. -0.02 min  
Lab File: BG044000.D  
Acq: 10 Jan 2020 13:39

| Tgt Ion | 164   | Resp  | 270590 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 164     | 100   |       |        |
| 162     | 105.8 | 83.0  | 124.4  |
| 160     | 44.1  | 36.1  | 54.1   |





#42

2,4,6-Tribromophenol

Concen: 155.416 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG044000.D

Acq: 10 Jan 2020 13:39

Instrument :

BNA\_G

ClientSampleId :

PB126006BL

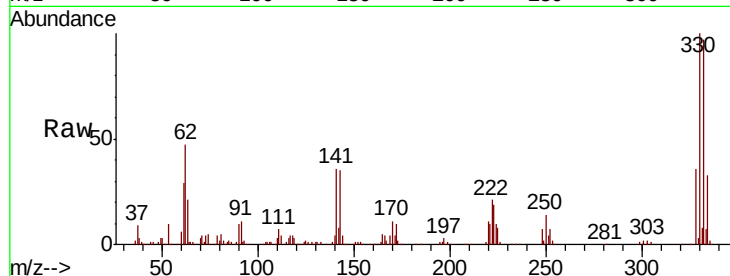
Tot Ion:330 Resp: 440088

Ion Ratio Lower Upper

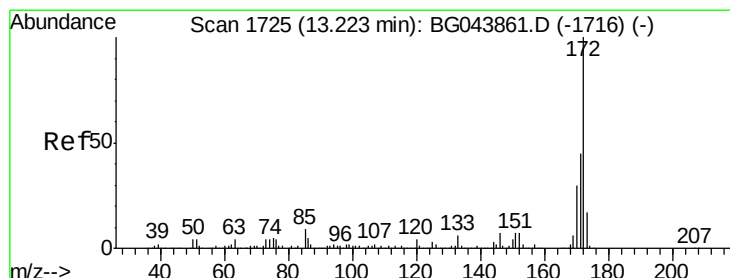
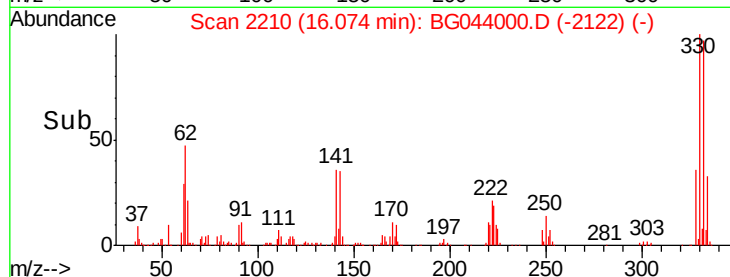
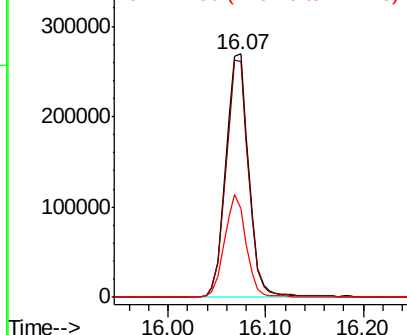
330 100

332 95.8 77.2 115.8

141 40.0 33.1 49.7



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: 105.107 ng

RT: 13.21 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BG044000.D

Acq: 10 Jan 2020 13:39

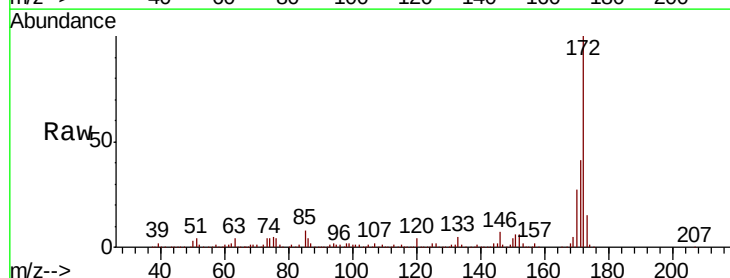
Tgt Ion:172 Resp: 1569784

Ion Ratio Lower Upper

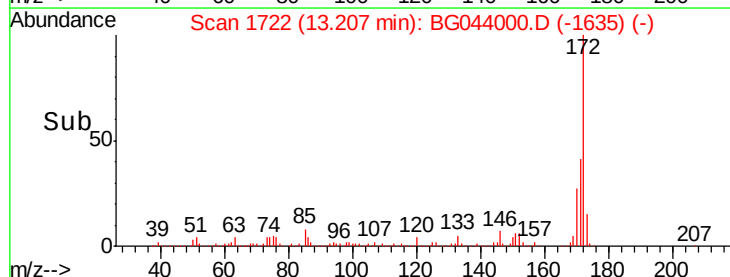
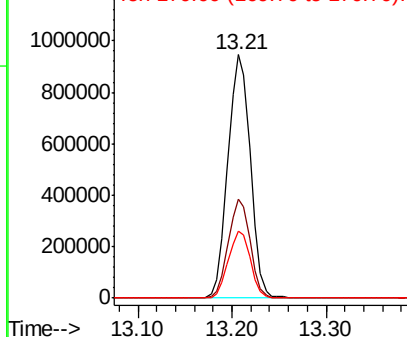
172 100

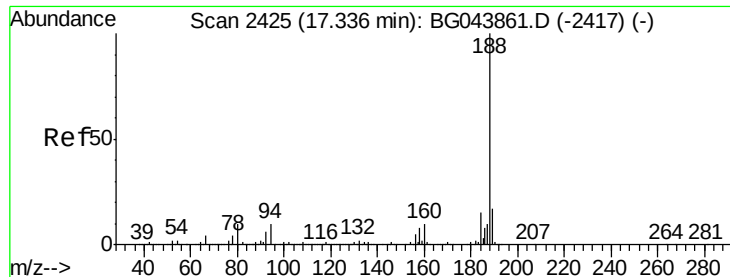
171 40.8 35.8 53.8

170 27.5 24.2 36.4



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

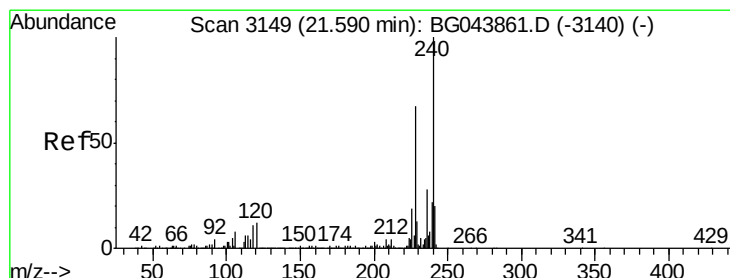
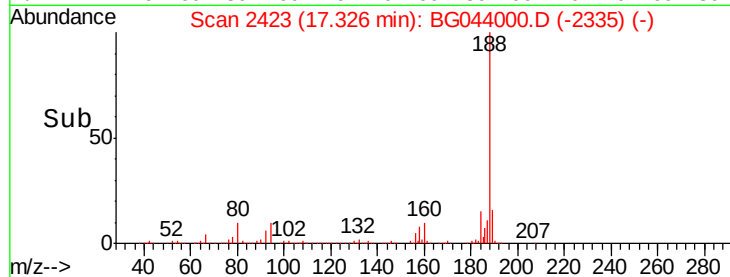
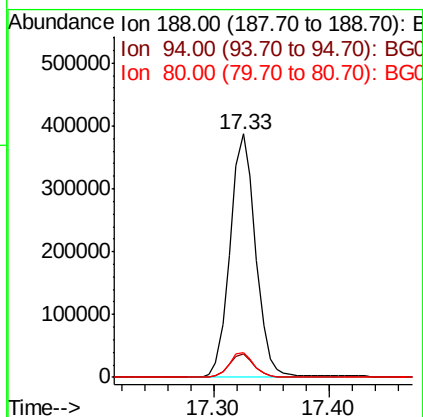
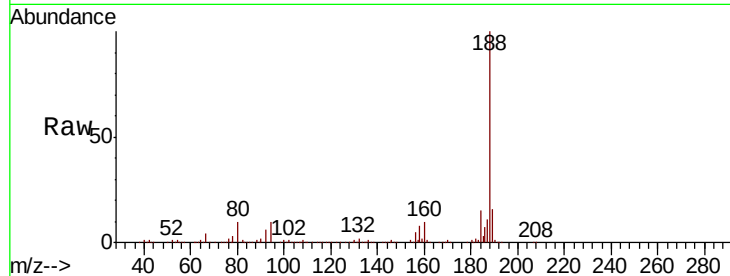




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.33 min Scan# 2423  
Delta R.T. -0.01 min  
Lab File: BG044000.D  
Acq: 10 Jan 2020 13:39

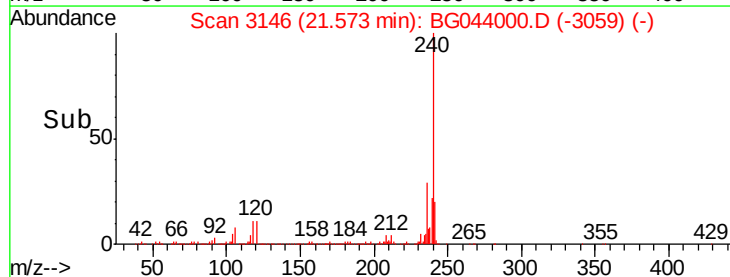
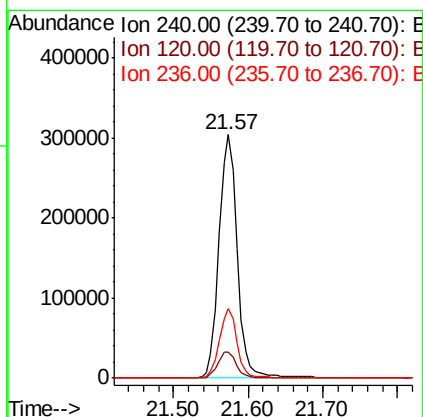
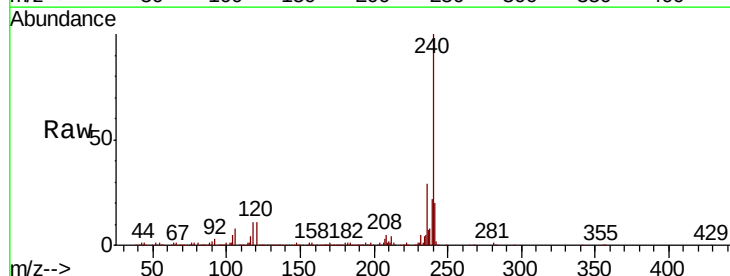
Instrument :  
BNA\_G  
ClientSampleId :  
PB126006BL

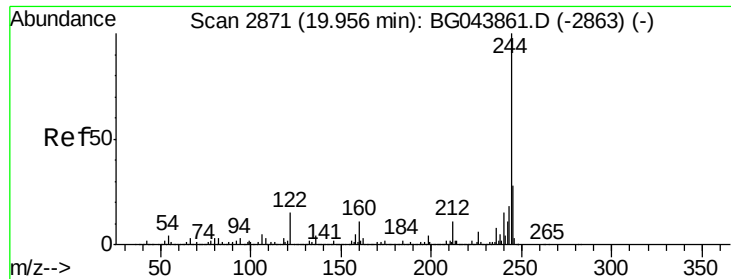
Tot Ion:188 Resp: 594390  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.9 11.9  
80 10.0 8.2 12.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.57 min Scan# 3146  
Delta R.T. -0.02 min  
Lab File: BG044000.D  
Acq: 10 Jan 2020 13:39

Tgt Ion:240 Resp: 519087  
Ion Ratio Lower Upper  
240 100  
120 10.9 9.6 14.4  
236 28.6 22.2 33.2





#79

Terphenyl-d14

Concen: 114.741 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG044000.D

Acq: 10 Jan 2020 13:39

Instrument :

BNA\_G

ClientSampleId :

PB126006BL

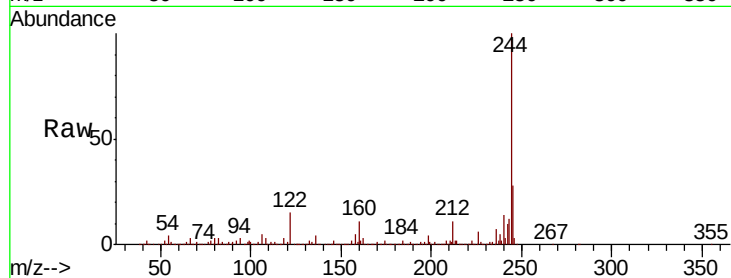
Tot Ion:244 Resp: 2263938

Ion Ratio Lower Upper

244 100

212 10.6 8.6 13.0

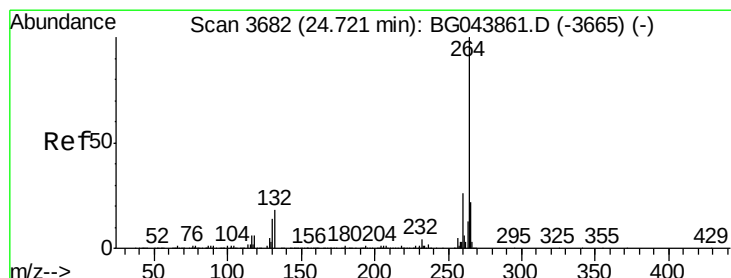
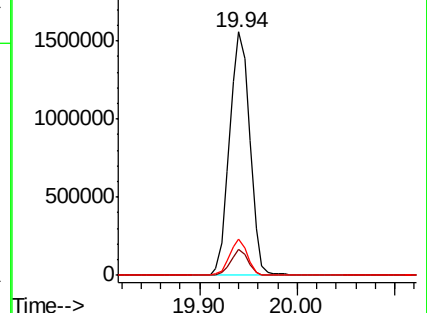
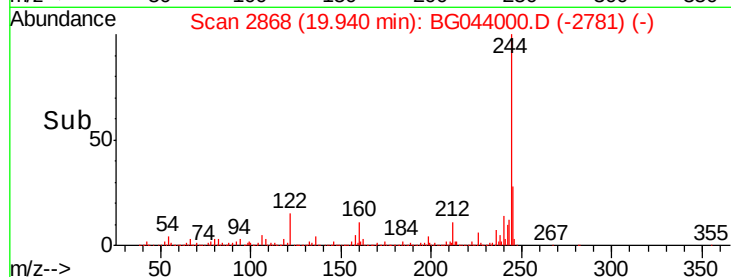
122 15.1 11.9 17.9



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

Perylene-d12

Concen: 20.000 ng

RT: 24.69 min Scan# 3677

Delta R.T. -0.03 min

Lab File: BG044000.D

Acq: 10 Jan 2020 13:39

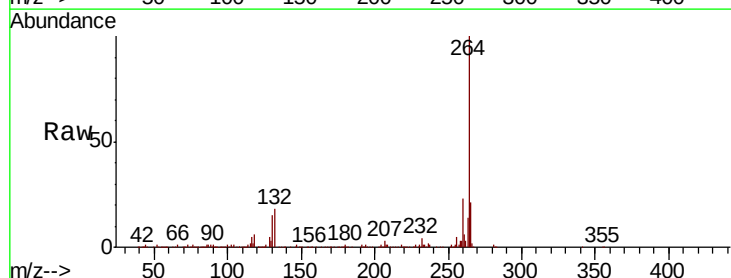
Tgt Ion:264 Resp: 548958

Ion Ratio Lower Upper

264 100

260 23.5 20.4 30.6

265 21.4 17.4 26.2



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

