

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031920\  
 Data File : BG044910.D  
 Acq On : 19 Mar 2020 23:34  
 Operator : CG/JU  
 Sample : L1978-12  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-7A

Quant Time: Mar 20 02:40:39 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 16 17:37:15 2020  
 Response via : Initial Calibration

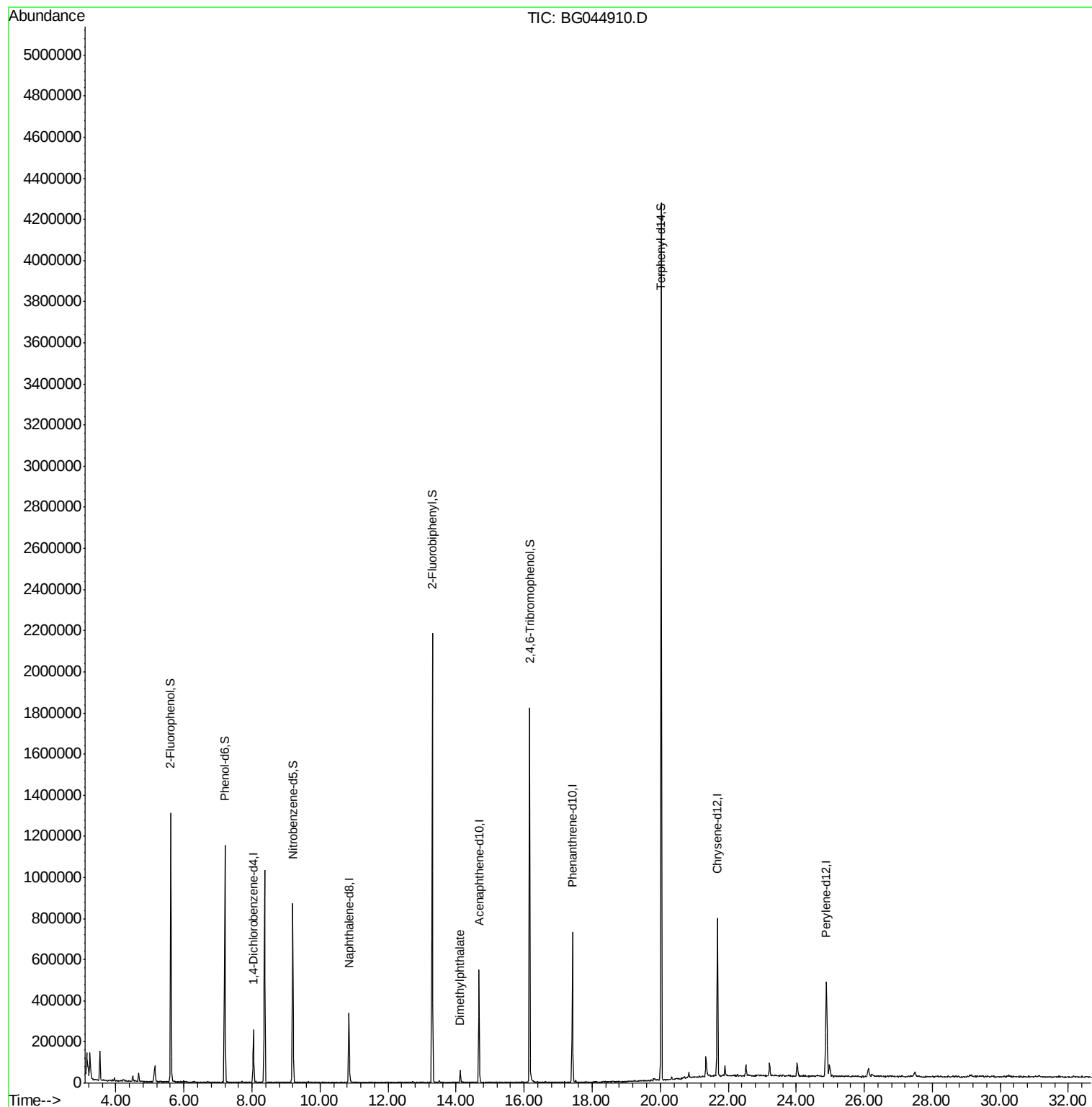
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.04  | 152  | 72710    | 20.00  | ng    | -0.01          |
| 21) Naphthalene-d8          | 10.85 | 136  | 287295   | 20.00  | ng    | -0.01          |
| 39) Acenaphthene-d10        | 14.67 | 164  | 190048   | 20.00  | ng    | -0.01          |
| 64) Phenanthrene-d10        | 17.42 | 188  | 462271   | 20.00  | ng    | -0.01          |
| 76) Chrysene-d12            | 21.68 | 240  | 457045   | 20.00  | ng    | -0.02          |
| 87) Perylene-d12            | 24.89 | 264  | 520089   | 20.00  | ng    | -0.02          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.61  | 112  | 555066   | 118.84 | ng    | 0.00           |
| 7) Phenol-d6                | 7.20  | 99   | 696567   | 102.64 | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 9.20  | 82   | 563640   | 86.09  | ng    | 0.00           |
| 42) 2,4,6-Tribromophenol    | 16.16 | 330  | 372802   | 149.82 | ng    | -0.01          |
| 45) 2-Fluorobiphenyl        | 13.30 | 172  | 1170098  | 88.17  | ng    | 0.00           |
| 79) Terphenyl-d14           | 20.03 | 244  | 2047557  | 83.80  | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 50) Dimethylphthalate       | 14.12 | 163  | 43914    | 2.901  | ng    | Qvalue<br># 95 |

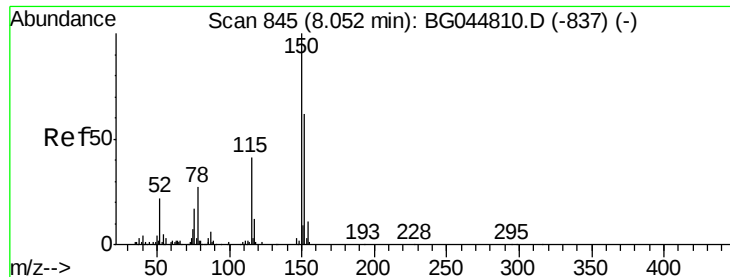
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
TP-7A

Quant Time: Mar 20 02:40:39 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 16 17:37:15 2020  
Response via : Initial Calibration



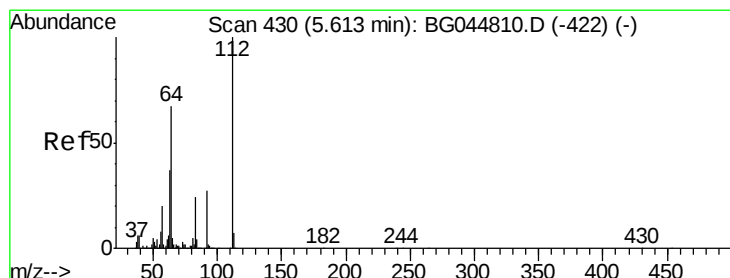
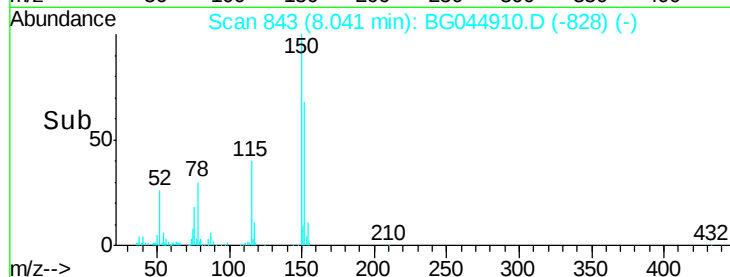
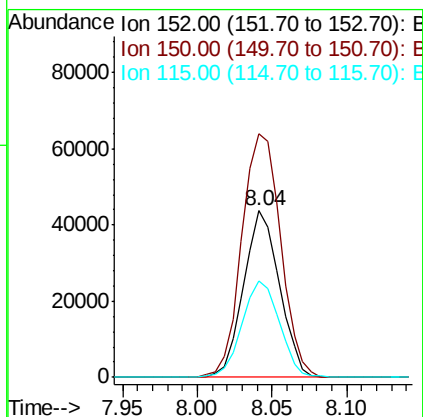
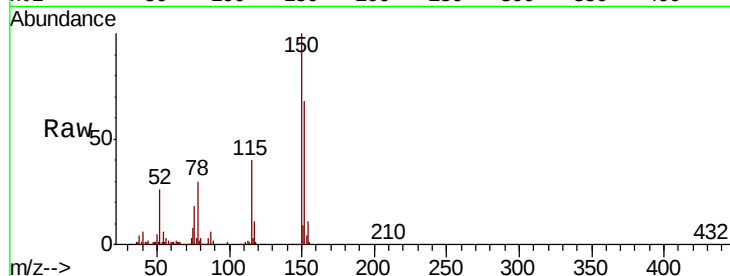


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.04 min Scan# 843  
Delta R.T. -0.01 min  
Lab File: BG044910.D  
Acq: 19 Mar 2020 23:34

Instrument :  
BNA\_G  
ClientSampleId :  
TP-7A

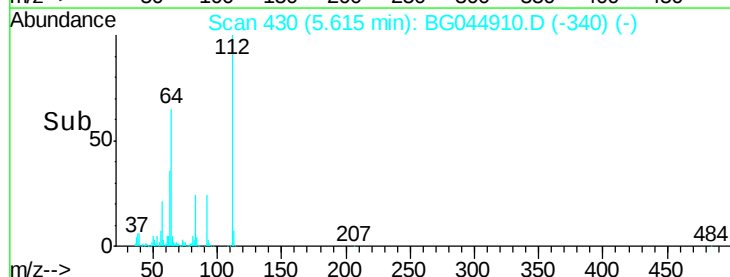
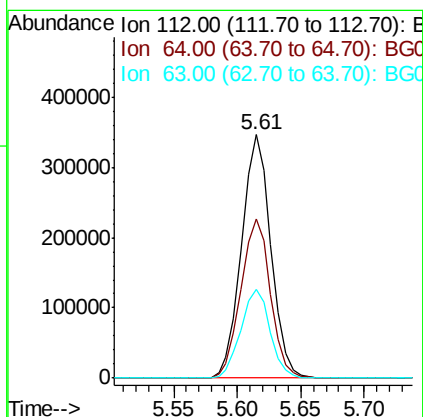
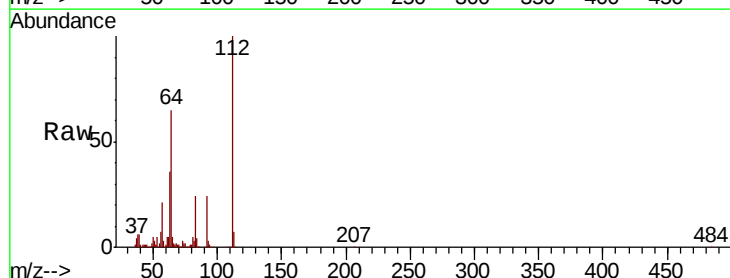
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 146.1 | 128.8 | 193.2 |
| 115     | 57.9  | 52.6  | 79.0  |

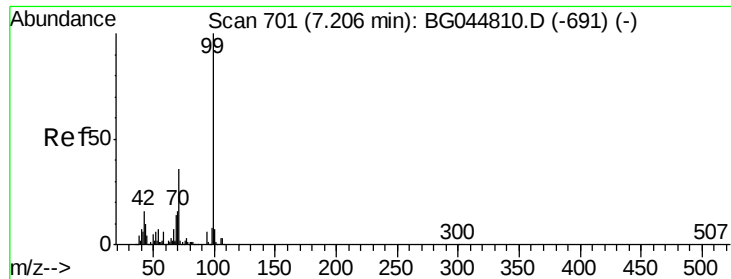


#5

2-Fluorophenol  
Concen: 118.837 ng  
RT: 5.61 min Scan# 430  
Delta R.T. 0.00 min  
Lab File: BG044910.D  
Acq: 19 Mar 2020 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 65.3  | 53.4  | 80.2  |
| 63      | 36.4  | 29.4  | 44.2  |





#7

Phenol-d6

Concen: 102.642 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044910.D

Acq: 19 Mar 2020 23:34

Instrument :

BNA\_G

ClientSampleId :

TP-7A

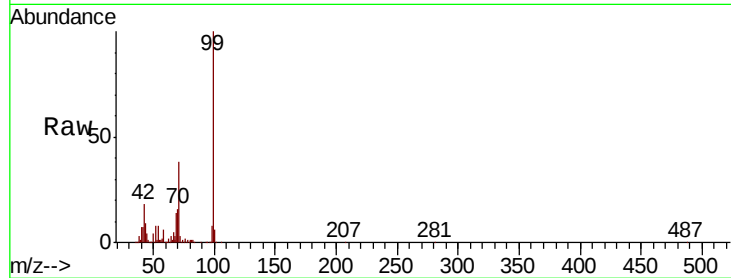
Tot Ion: 99 Resp: 696567

Ion Ratio Lower Upper

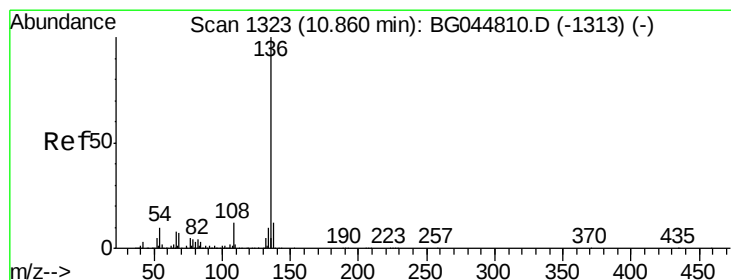
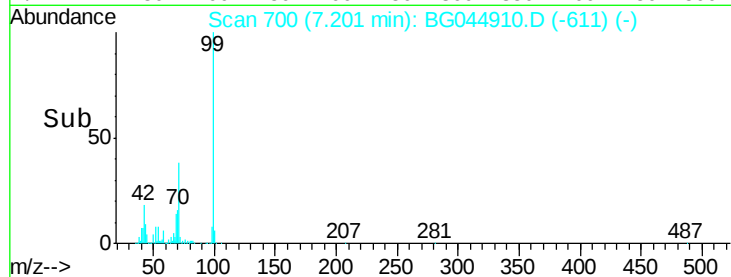
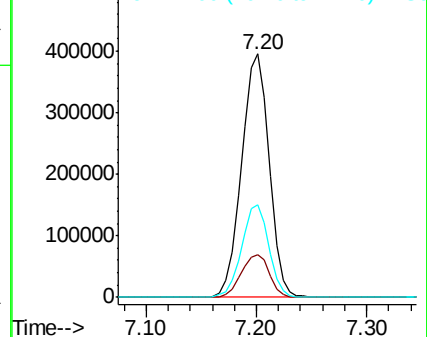
99 100

42 17.6 12.6 19.0

71 38.0 29.0 43.4



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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG044910.D

Acq: 19 Mar 2020 23:34

Tgt Ion: 136 Resp: 287295

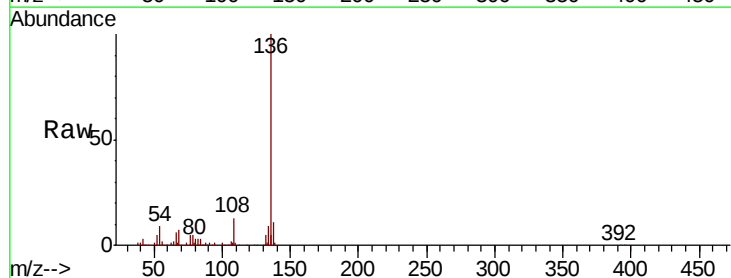
Ion Ratio Lower Upper

136 100

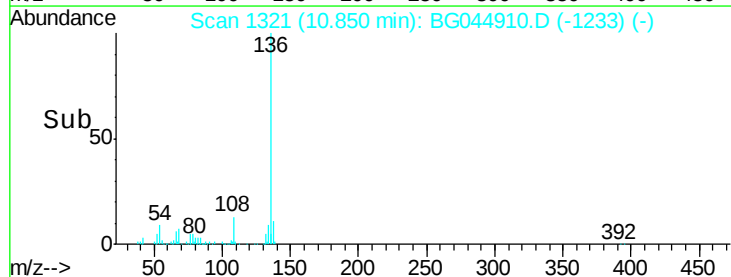
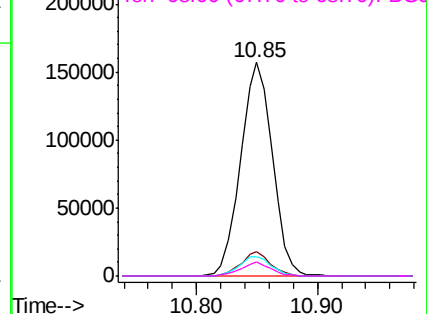
137 11.5 9.8 14.6

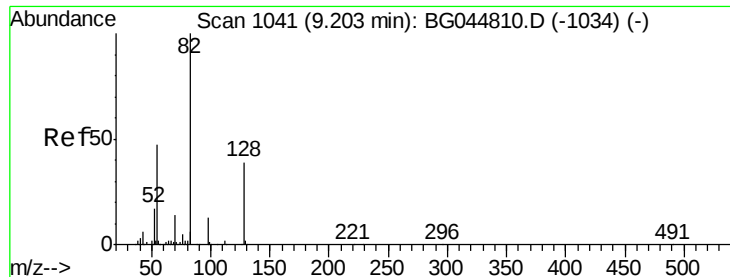
54 9.0 7.9 11.9

68 6.6 5.4 8.0



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

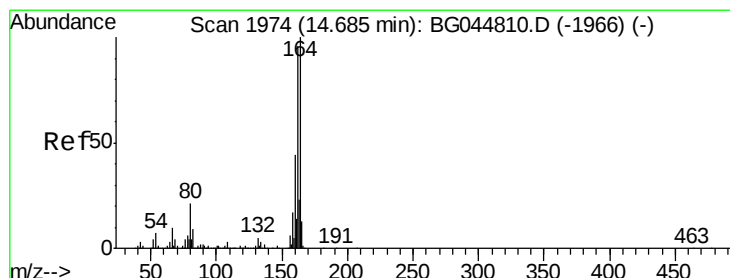
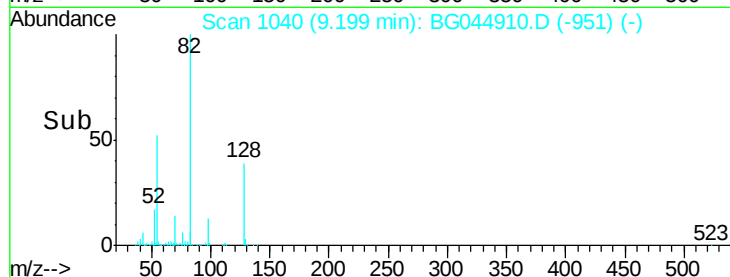
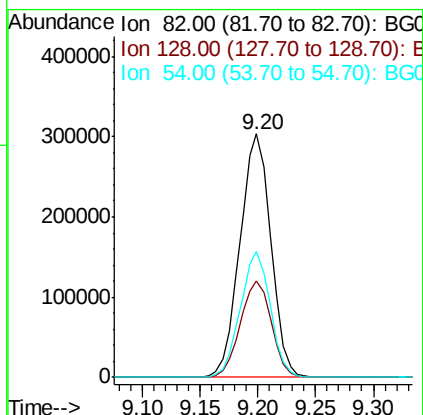
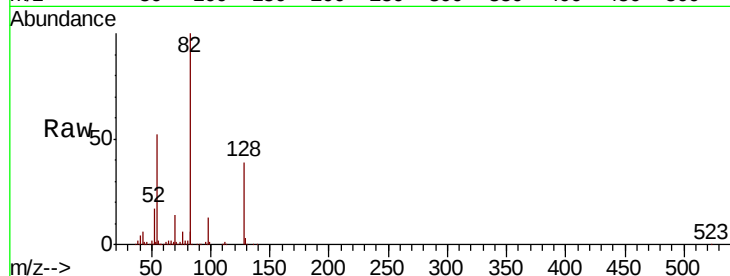




#23  
Nitrobenzene-d5  
Concen: 86.090 ng  
RT: 9.20 min Scan# 1040  
Delta R.T. -0.00 min  
Lab File: BG044910.D  
Acq: 19 Mar 2020 23:34

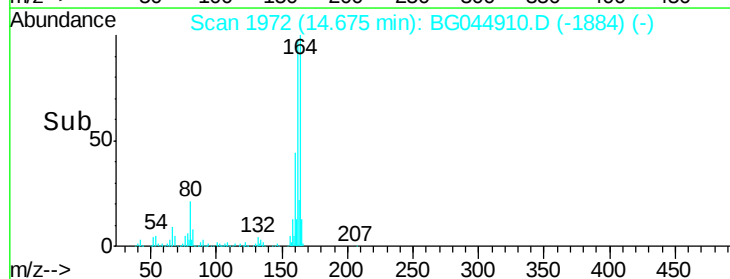
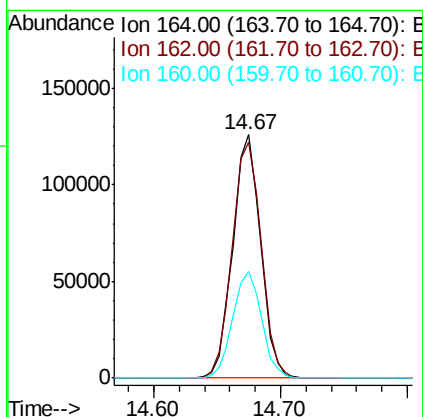
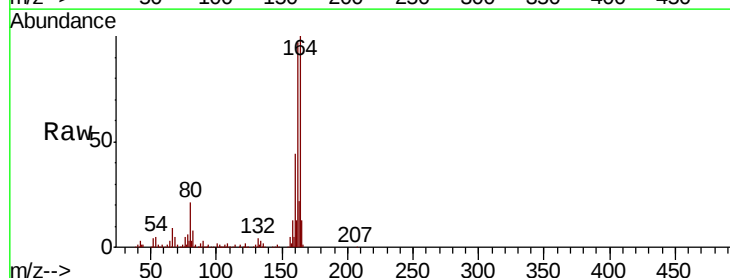
Instrument :  
BNA\_G  
ClientSampleId :  
TP-7A

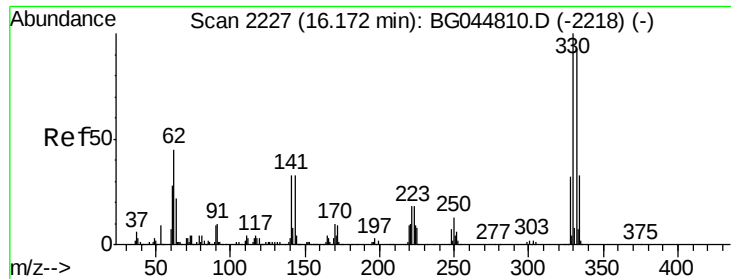
| Tot Ion   | 82    | Resp  | 563640 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 39.3  | 30.6  | 46.0   |
| 54        | 51.6  | 37.1  | 55.7   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.67 min Scan# 1972  
Delta R.T. -0.01 min  
Lab File: BG044910.D  
Acq: 19 Mar 2020 23:34

| Tgt Ion   | 164   | Resp  | 190048 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 96.7  | 76.7  | 115.1  |
| 160       | 44.1  | 35.0  | 52.4   |

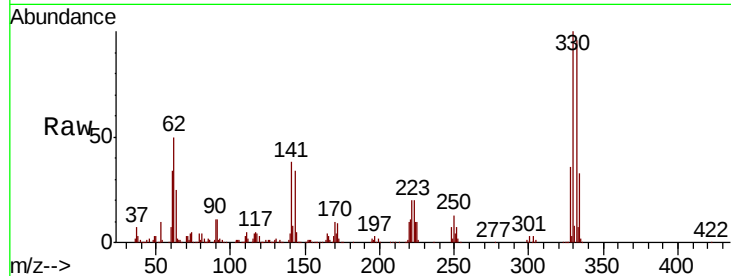




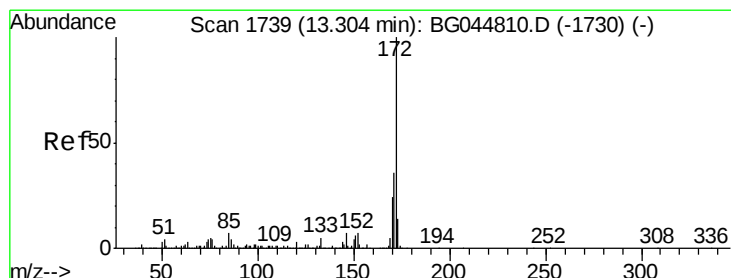
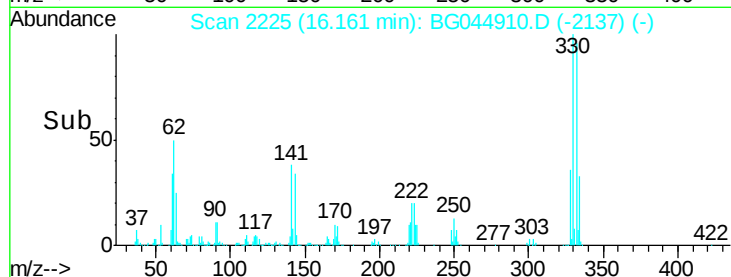
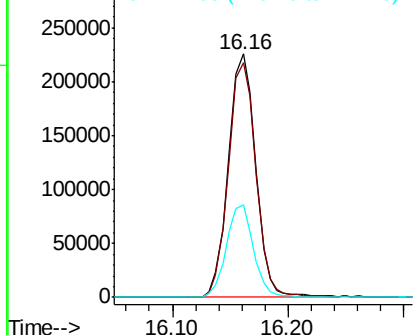
#42  
 2,4,6-Tribromophenol  
 Concen: 149.817 ng  
 RT: 16.16 min Scan# 2225  
 Delta R.T. -0.01 min  
 Lab File: BG044910.D  
 Acq: 19 Mar 2020 23:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-7A

Tot Ion:330 Resp: 372802  
 Ion Ratio Lower Upper  
 330 100  
 332 97.2 77.8 116.6  
 141 37.4 29.5 44.3

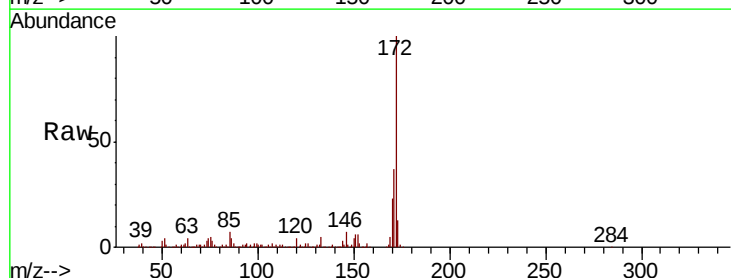


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

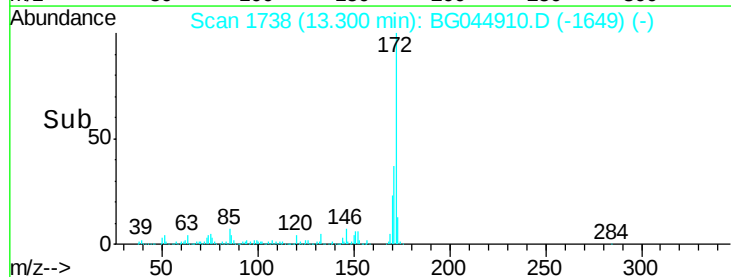
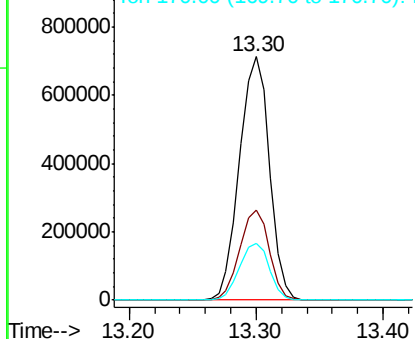


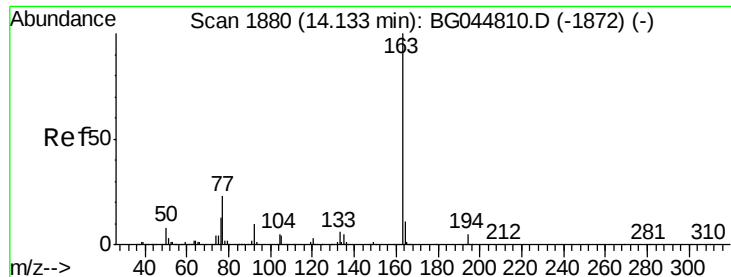
#45  
 2-Fluorobiphenyl  
 Concen: 88.168 ng  
 RT: 13.30 min Scan# 1738  
 Delta R.T. -0.00 min  
 Lab File: BG044910.D  
 Acq: 19 Mar 2020 23:34

Tgt Ion:172 Resp: 1170098  
 Ion Ratio Lower Upper  
 172 100  
 171 37.2 28.7 43.1  
 170 23.4 19.0 28.6



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: 2.901 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG044910.D

Acq: 19 Mar 2020 23:34

Instrument :

BNA\_G

ClientSampleId :

TP-7A

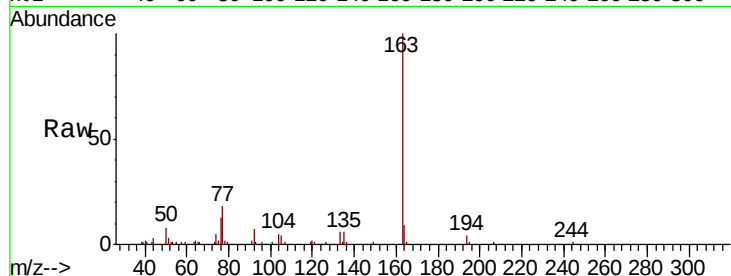
Tot Ion:163 Resp: 43914

Ion Ratio Lower Upper

163 100

194 3.5 3.7 5.5#

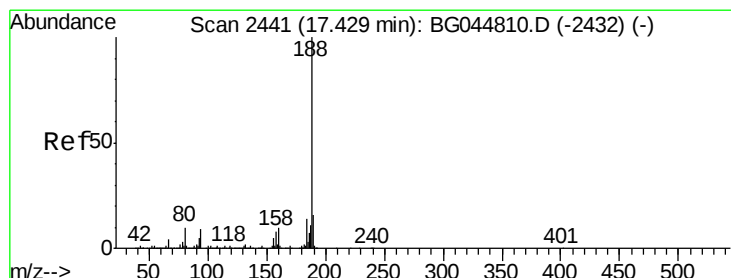
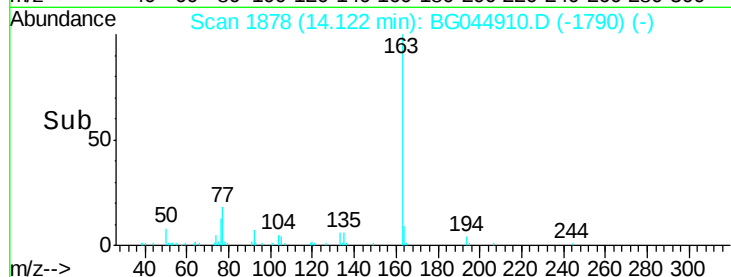
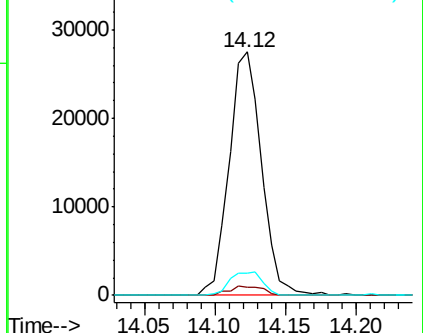
164 9.3 9.1 13.7



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: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044910.D

Acq: 19 Mar 2020 23:34

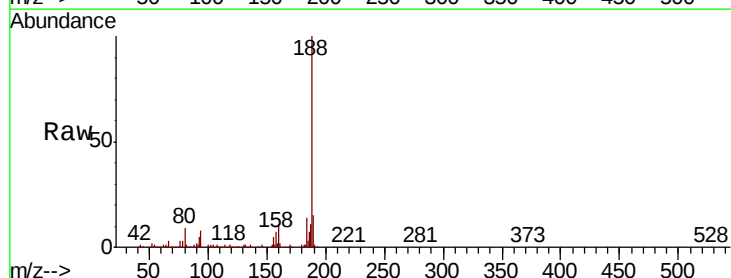
Tgt Ion:188 Resp: 462271

Ion Ratio Lower Upper

188 100

94 7.7 7.3 10.9

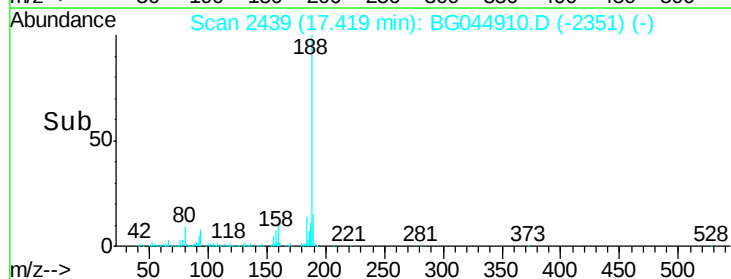
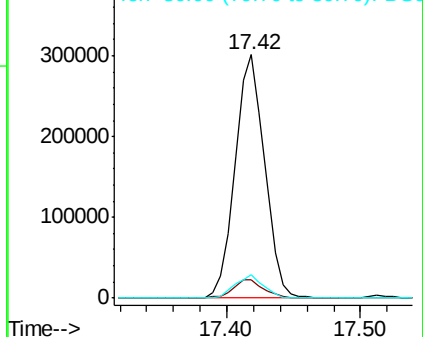
80 9.5 8.0 12.0

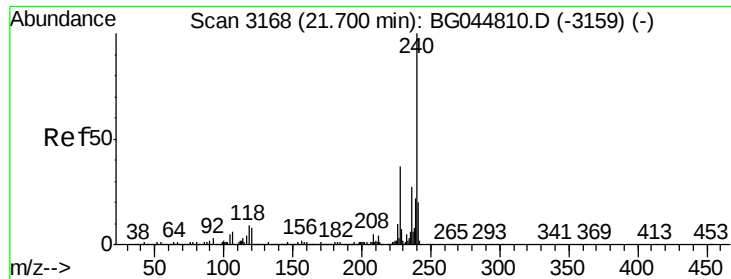


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

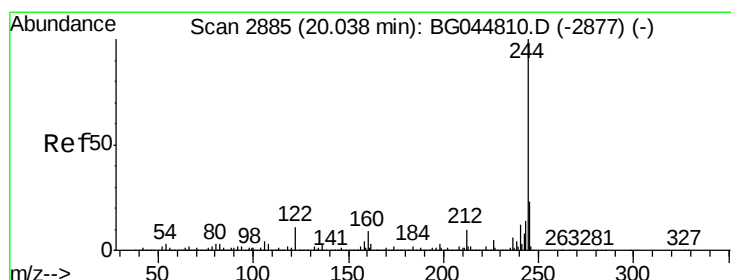
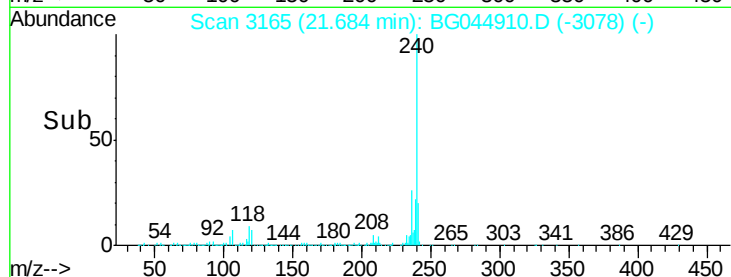
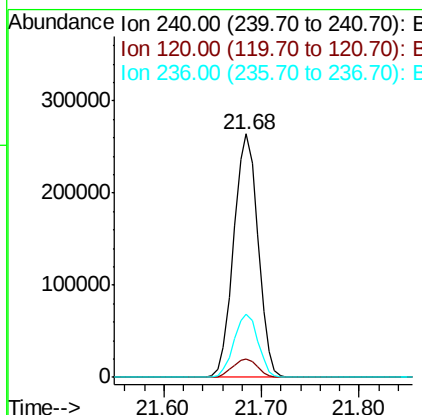
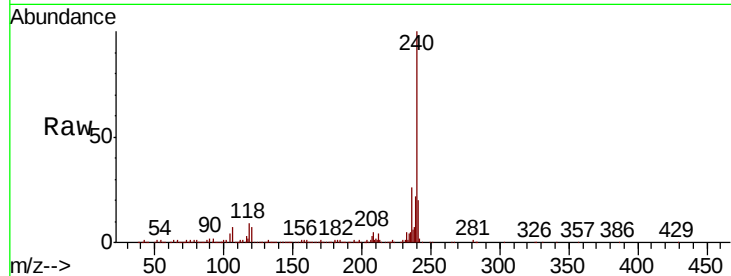




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.68 min Scan# 3165  
Delta R.T. -0.02 min  
Lab File: BG044910.D  
Acq: 19 Mar 2020 23:34

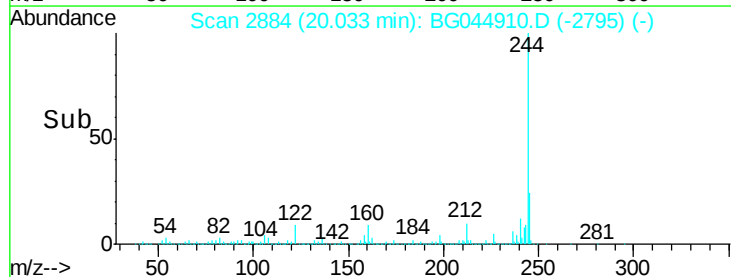
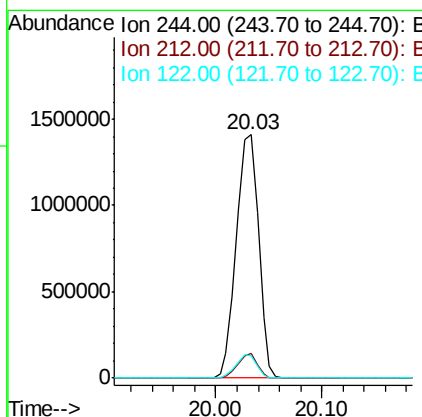
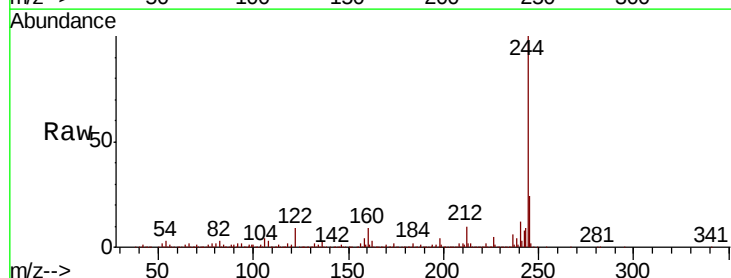
Instrument :  
BNA\_G  
ClientSampleId :  
TP-7A

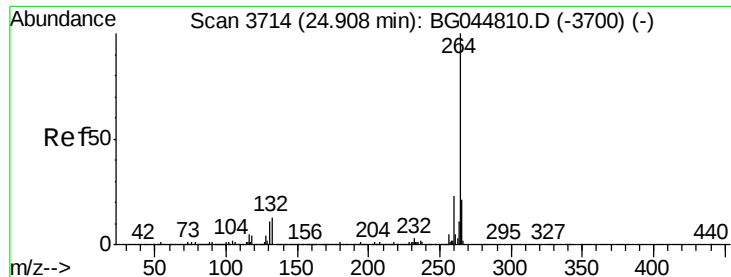
Tot Ion:240 Resp: 457045  
Ion Ratio Lower Upper  
240 100  
120 7.5 6.7 10.1  
236 25.8 21.5 32.3



#79  
Terphenyl-d14  
Concen: 83.800 ng  
RT: 20.03 min Scan# 2884  
Delta R.T. -0.00 min  
Lab File: BG044910.D  
Acq: 19 Mar 2020 23:34

Tgt Ion:244 Resp: 2047557  
Ion Ratio Lower Upper  
244 100  
212 10.0 7.7 11.5  
122 9.2 8.6 12.8

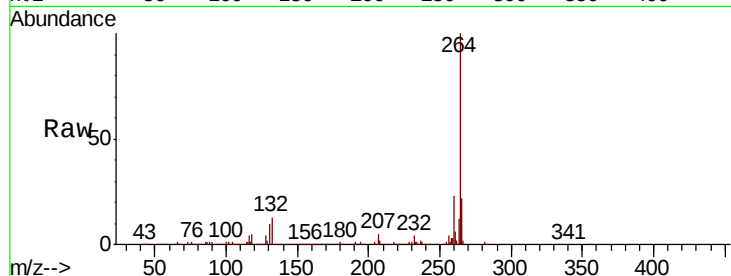




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.89 min Scan# 3710  
Delta R.T. -0.02 min  
Lab File: BG044910.D  
Acq: 19 Mar 2020 23:34

Instrument :  
BNA\_G  
ClientSampleId :  
TP-7A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.0  | 18.1  | 27.1  |
| 265     | 22.4  | 17.1  | 25.7  |



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

