

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\  
 Data File : BG044343.D  
 Acq On : 7 Feb 2020 18:56  
 Operator : CG/JU  
 Sample : L1431-07  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 06

Quant Time: Feb 08 03:01:09 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 30 16:05:09 2020  
 Response via : Initial Calibration

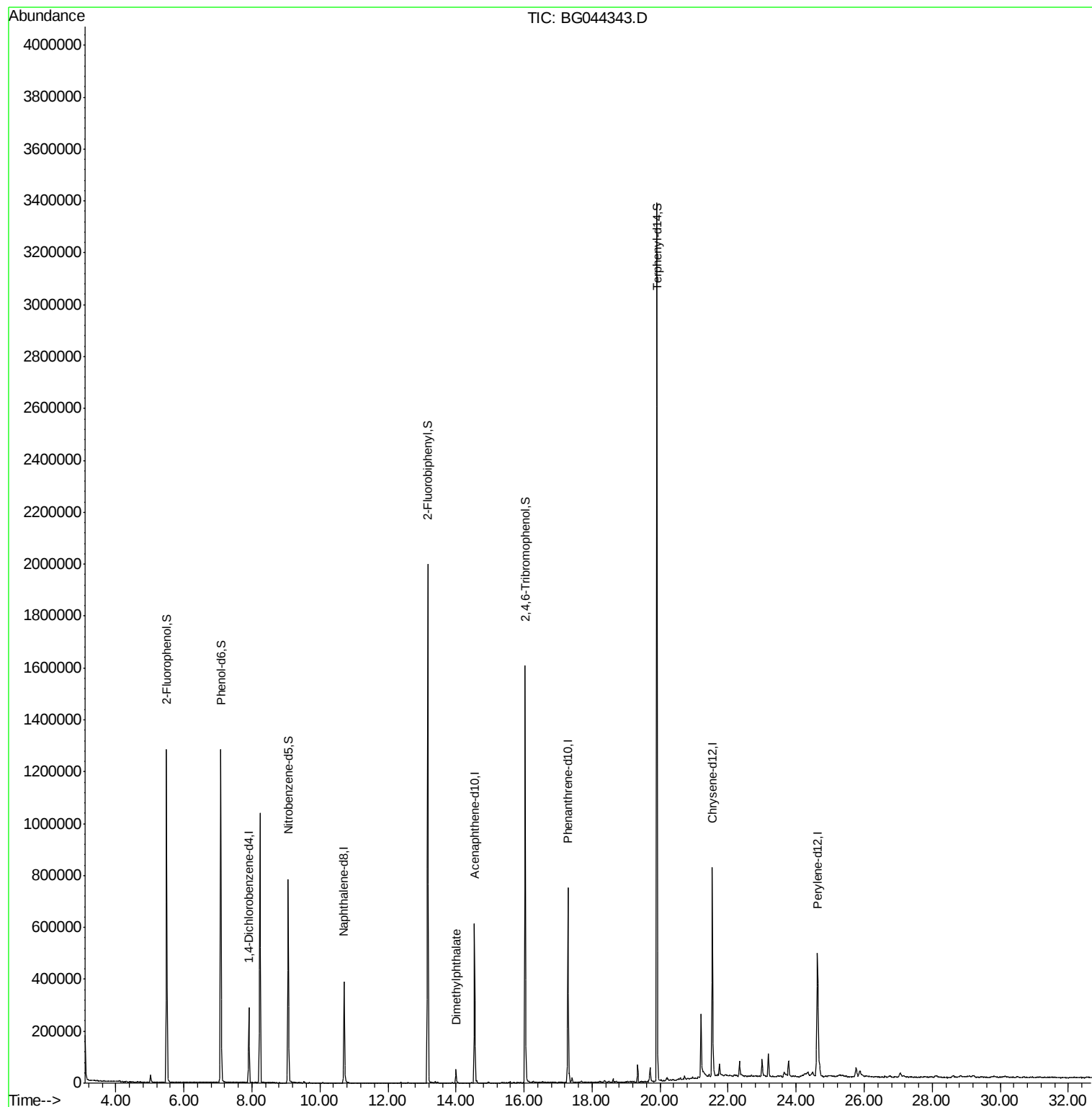
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.91  | 152  | 91354    | 20.00  | ng    | -0.01        |
| 21) Naphthalene-d8          | 10.71 | 136  | 361835   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 14.55 | 164  | 232165   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 17.29 | 188  | 498929   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 21.53 | 240  | 477692   | 20.00  | ng    | -0.01        |
| 87) Perylene-d12            | 24.63 | 264  | 500828   | 20.00  | ng    | -0.01        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.49  | 112  | 636028   | 122.87 | ng    | 0.00         |
| 7) Phenol-d6                | 7.09  | 99   | 826881   | 118.96 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 9.07  | 82   | 504926   | 78.78  | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 16.03 | 330  | 315123   | 115.62 | ng    | -0.01        |
| 45) 2-Fluorobiphenyl        | 13.17 | 172  | 1119476  | 80.75  | ng    | 0.00         |
| 79) Terphenyl-d14           | 19.91 | 244  | 1643669  | 70.77  | ng    | -0.01        |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 14.00 | 163  | 41036    | 2.459  | ng    | Qvalue<br>97 |

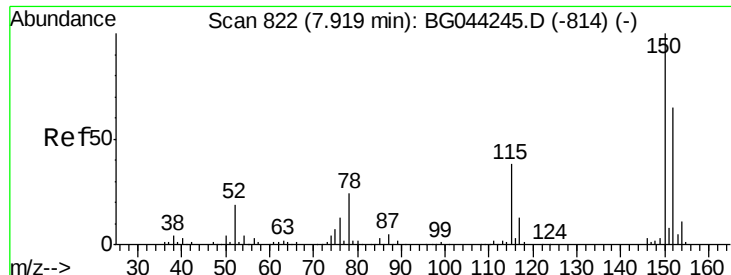
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jan 30 16:05:09 2020  
Response via : Initial Calibration



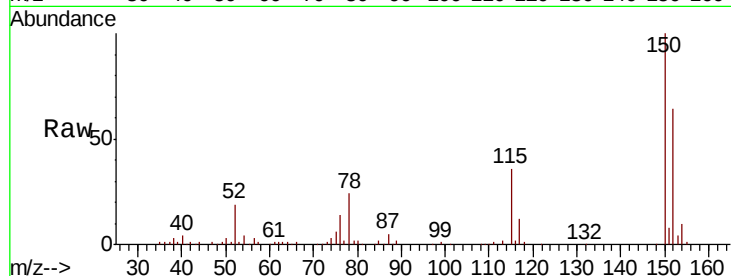


#1

1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.91 min Scan# 820  
 Delta R.T. -0.01 min  
 Lab File: BG044343.D  
 Acq: 7 Feb 2020 18:56

Instrument :  
 BNA\_G  
 ClientSampleId :  
 06

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.0 | 122.6 | 183.8 |
| 115     | 56.3  | 46.0  | 69.0  |

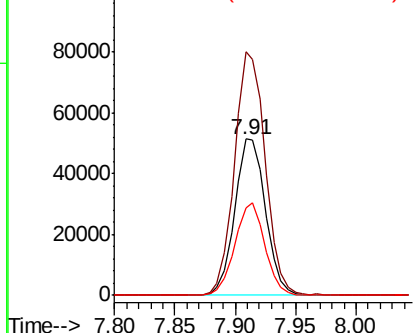
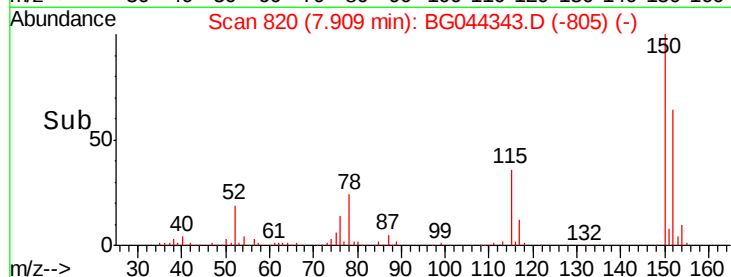


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

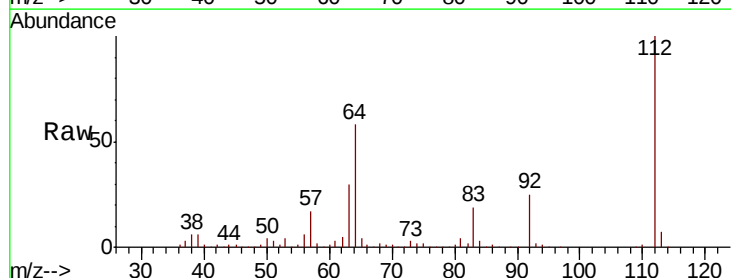
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
 Concen: 122.872 ng  
 RT: 5.49 min Scan# 409  
 Delta R.T. 0.00 min  
 Lab File: BG044343.D  
 Acq: 7 Feb 2020 18:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 57.6  | 45.4  | 68.2  |
| 63      | 29.9  | 22.9  | 34.3  |

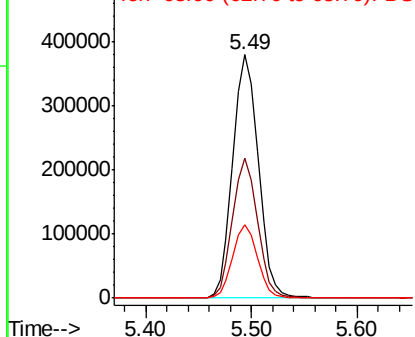
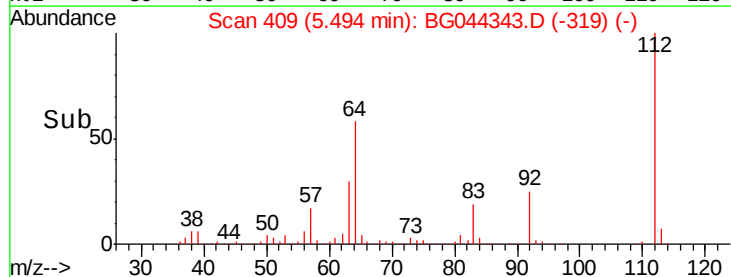


Abundance

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: 118.958 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044343.D

Acq: 7 Feb 2020 18:56

Instrument :

BNA\_G

ClientSampleId :

06

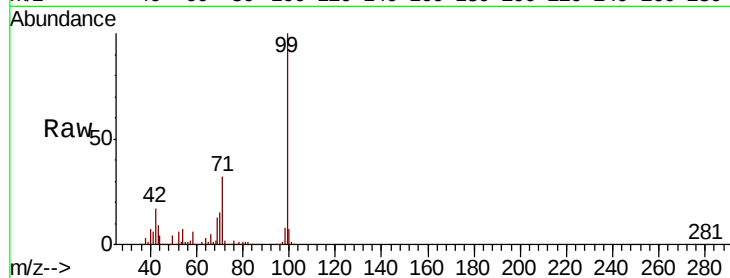
Tot Ion: 99 Resp: 826881

Ion Ratio Lower Upper

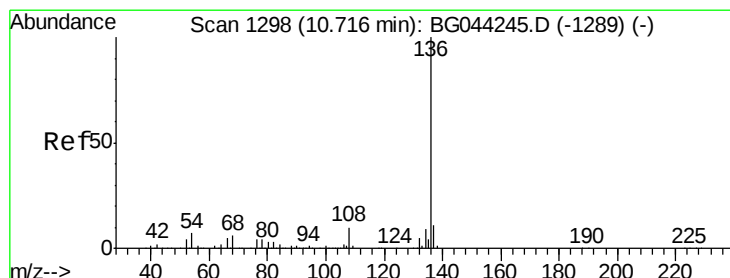
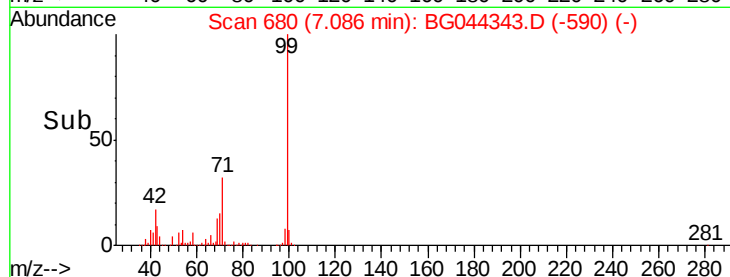
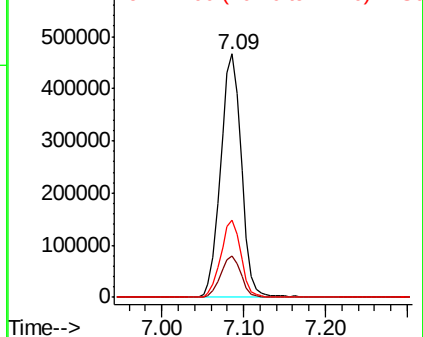
99 100

42 17.1 13.8 20.6

71 31.5 25.5 38.3



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: 10.71 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG044343.D

Acq: 7 Feb 2020 18:56

Tgt Ion: 136 Resp: 361835

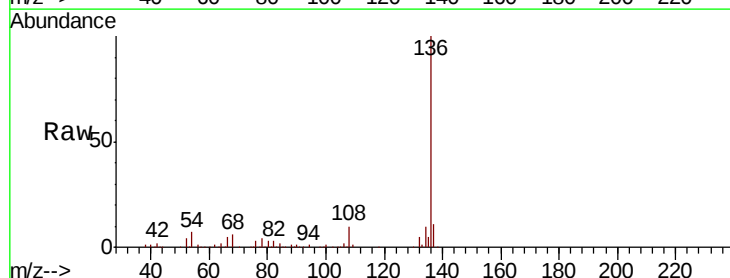
Ion Ratio Lower Upper

136 100

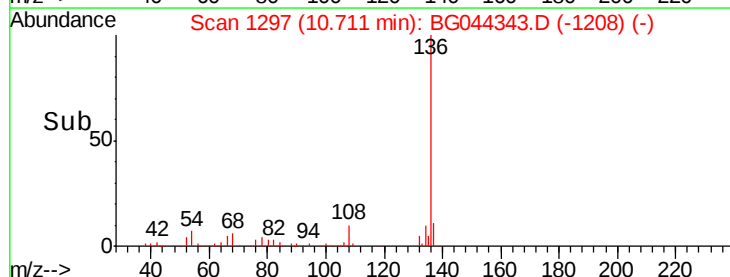
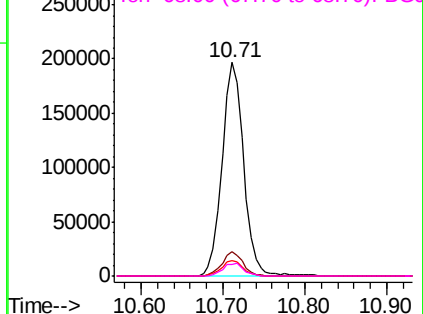
137 11.2 8.8 13.2

54 7.3 5.8 8.8

68 5.6 4.6 6.8



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

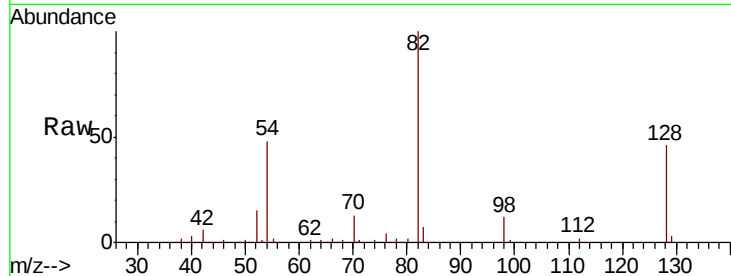




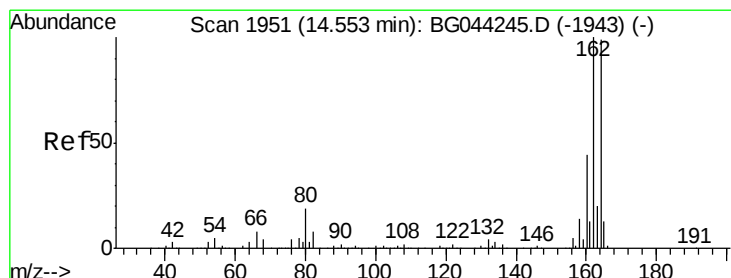
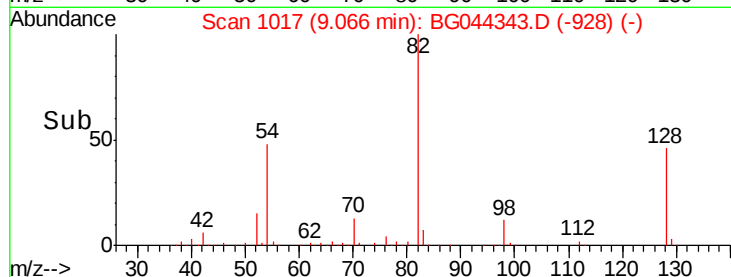
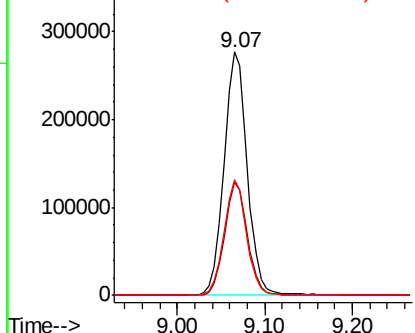
#23  
 Nitrobenzene-d5  
 Concen: 78.782 ng  
 RT: 9.07 min Scan# 1017  
 Delta R.T. -0.01 min  
 Lab File: BG044343.D  
 Acq: 7 Feb 2020 18:56

Instrument :  
 BNA\_G  
 ClientSampleId :  
 06

| Tot Ion   | 82   | Resp  | 504926 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 46.2 | 36.5  | 54.7   |
| 54        | 47.5 | 38.6  | 58.0   |

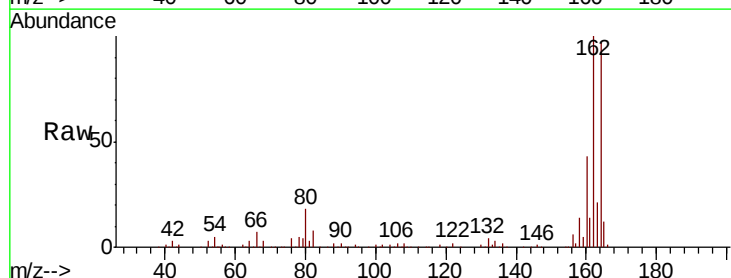


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

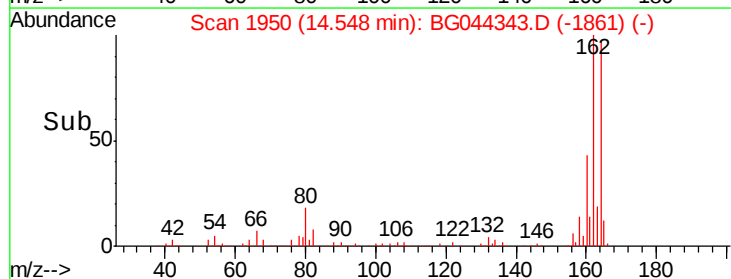
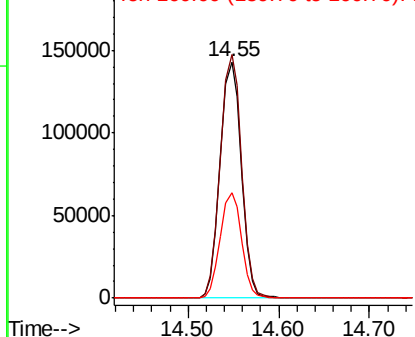


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.55 min Scan# 1950  
 Delta R.T. -0.01 min  
 Lab File: BG044343.D  
 Acq: 7 Feb 2020 18:56

| Tgt Ion   | 164   | Resp  | 232165 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 162       | 103.0 | 80.7  | 121.1  |
| 160       | 44.6  | 35.3  | 52.9   |



Abundance Ion 164.00 (163.70 to 164.70): BGC  
 Ion 162.00 (161.70 to 162.70): BGC  
 Ion 160.00 (159.70 to 160.70): BGC

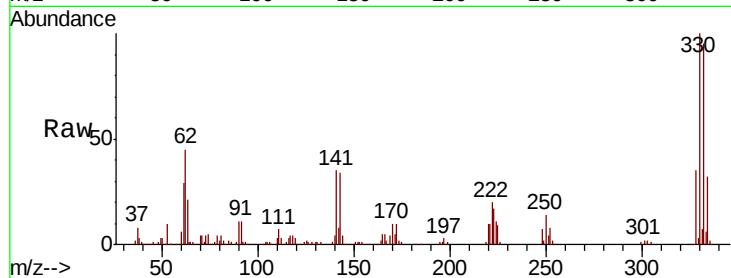




#42  
 2,4,6-Tribromophenol  
 Concen: 115.621 ng  
 RT: 16.03 min Scan# 2203  
 Delta R.T. -0.01 min  
 Lab File: BG044343.D  
 Acq: 7 Feb 2020 18:56

Instrument :  
 BNA\_G  
 ClientSampleId :  
 06

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.0  | 77.2  | 115.8 |
| 141     | 35.6  | 28.3  | 42.5  |

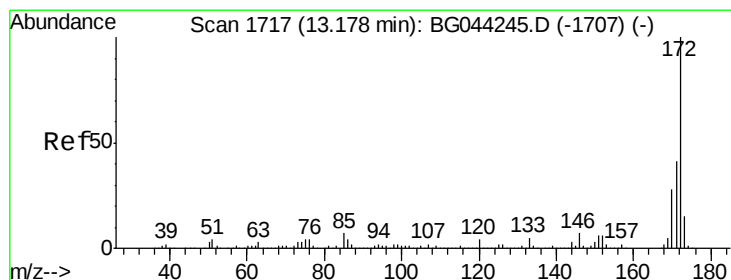
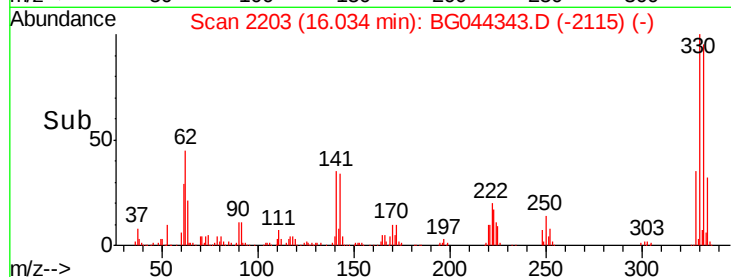
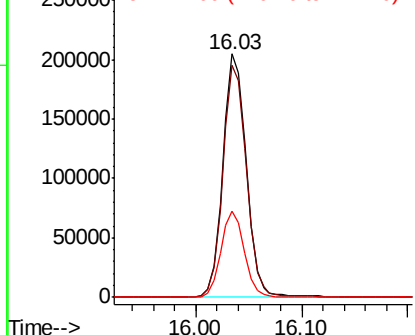


Abundance

Ion 329.80 (329.50 to 330.50): E

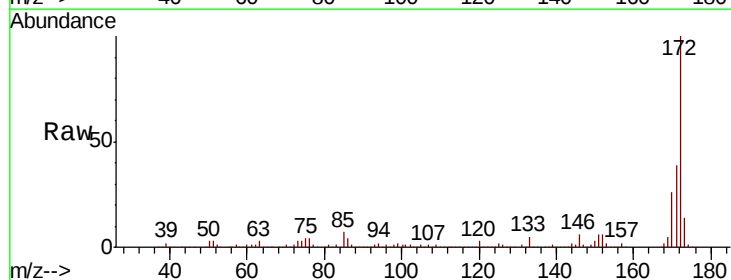
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 80.745 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. -0.01 min  
 Lab File: BG044343.D  
 Acq: 7 Feb 2020 18:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 39.3  | 32.9  | 49.3  |
| 170     | 26.0  | 22.0  | 33.0  |

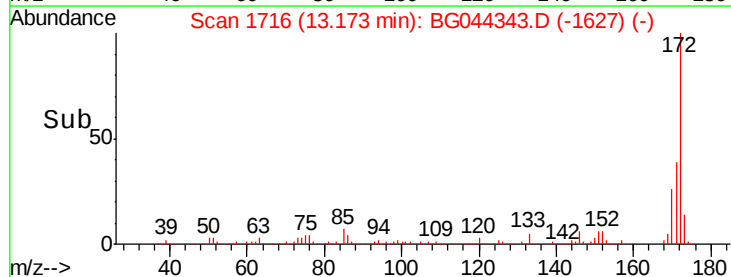
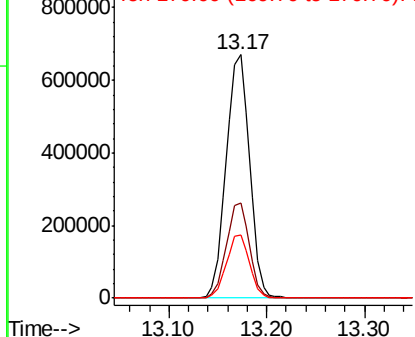


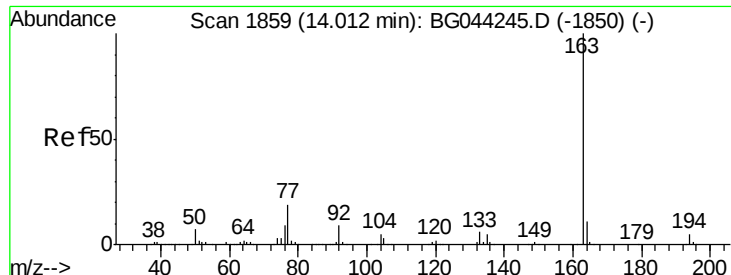
Abundance

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: 2.459 ng

RT: 14.00 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG044343.D

Acq: 7 Feb 2020 18:56

Instrument :

BNA\_G

ClientSampleId :

06

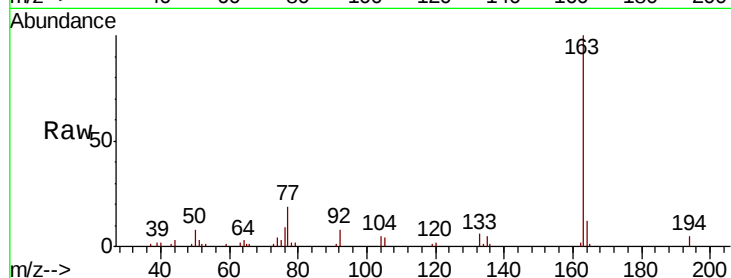
Tot Ion:163 Resp: 41036

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

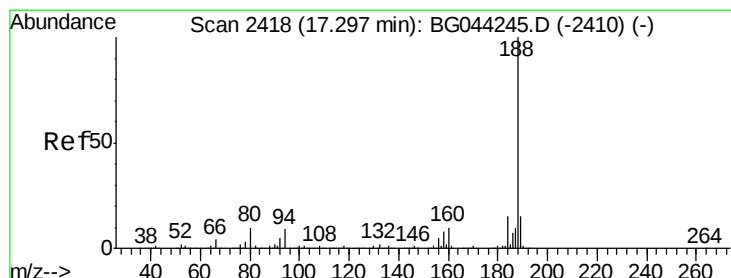
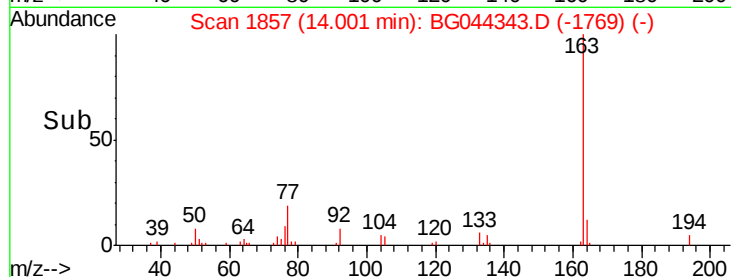
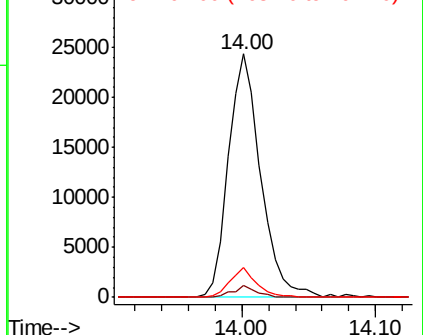
164 12.2 8.7 13.1



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: 17.29 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BG044343.D

Acq: 7 Feb 2020 18:56

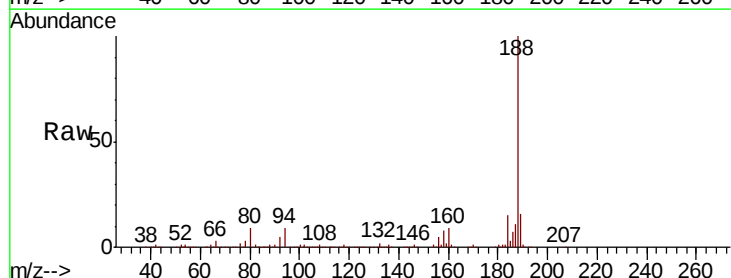
Tgt Ion:188 Resp: 498929

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

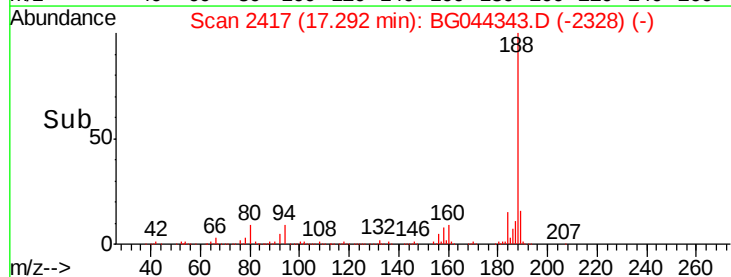
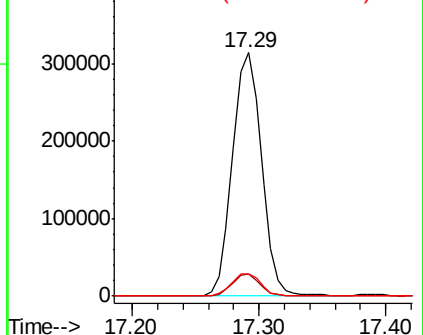
80 9.1 7.7 11.5



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

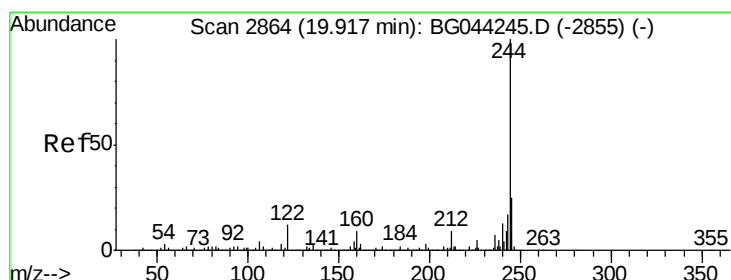
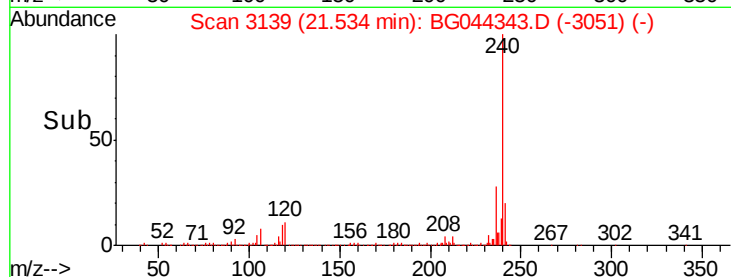
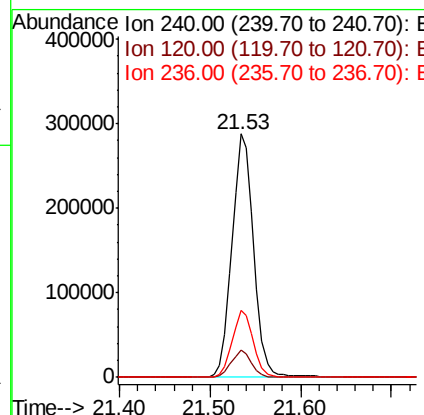
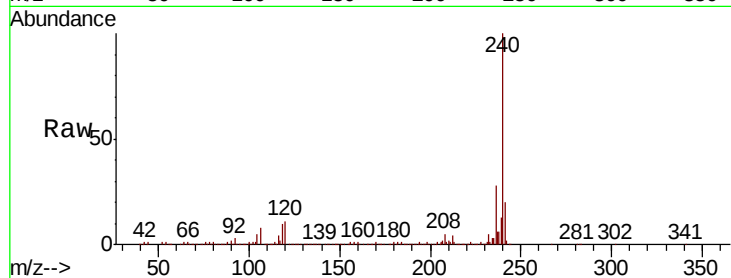




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 21.53 min Scan# 3139  
 Delta R.T. -0.01 min  
 Lab File: BG044343.D  
 Acq: 7 Feb 2020 18:56

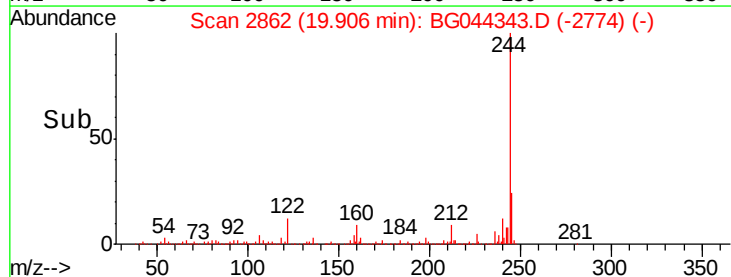
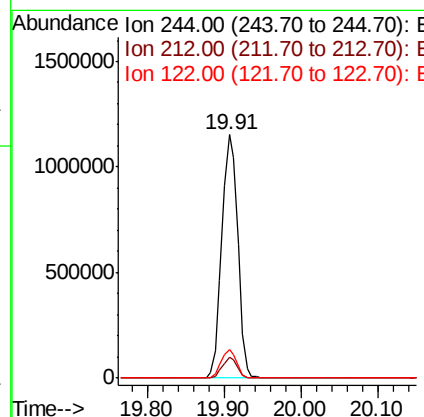
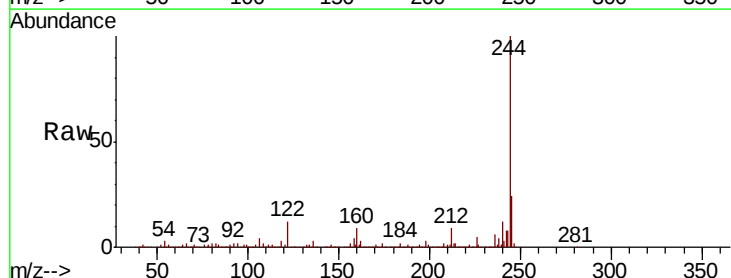
Instrument :  
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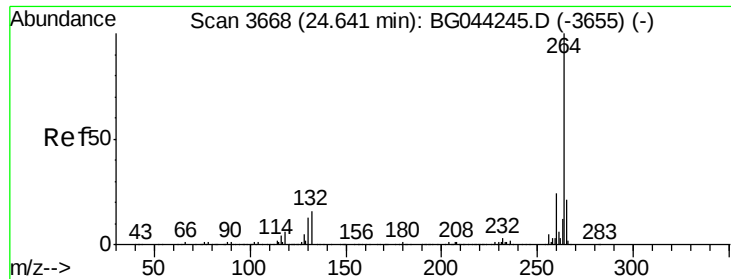
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.0  | 8.4   | 12.6  |
| 236     | 27.6  | 22.1  | 33.1  |



#79  
 Terphenyl-d14  
 Concen: 70.774 ng  
 RT: 19.91 min Scan# 2862  
 Delta R.T. -0.01 min  
 Lab File: BG044343.D  
 Acq: 7 Feb 2020 18:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.7   | 7.4   | 11.2  |
| 122     | 12.0  | 9.8   | 14.6  |





#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 24.63 min Scan# 3666  
 Delta R.T. -0.01 min  
 Lab File: BG044343.D  
 Acq: 7 Feb 2020 18:56

Instrument :  
 BNA\_G  
 ClientSampleId :  
 06

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 500828 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 25.0  | 19.4  | 29.2   |
| 265      | 22.0  | 16.7  | 25.1   |

