

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\  
 Data File : BG044406.D  
 Acq On : 12 Feb 2020 13:06  
 Operator : CG/JU  
 Sample : L1438-03  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 HAM-WC-S-SB-0203

Quant Time: Feb 13 01:11:42 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 10 16:11:50 2020  
 Response via : Initial Calibration

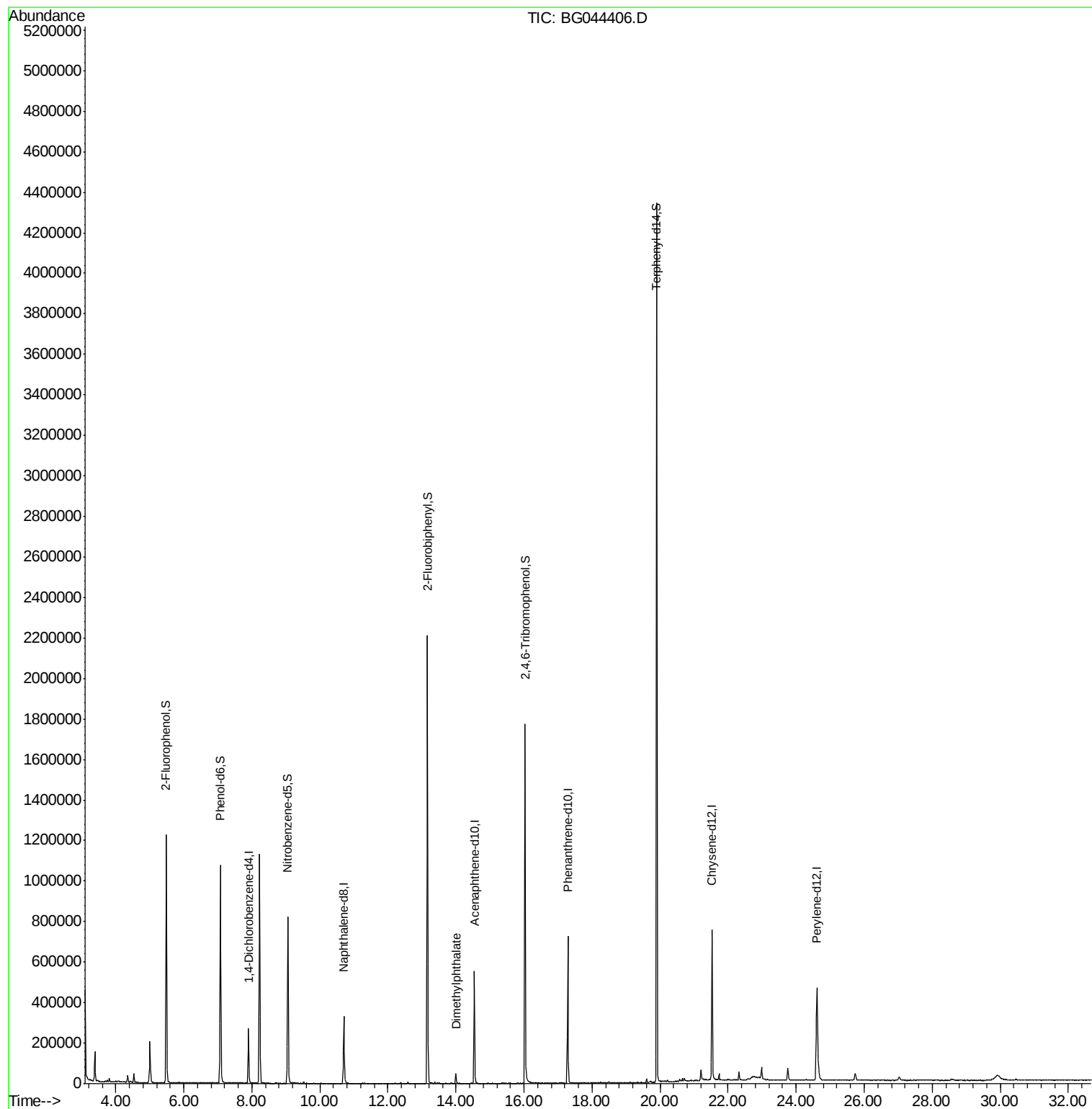
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.90  | 152  | 81638    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.70 | 136  | 320517   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.54 | 164  | 202413   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.29 | 188  | 477936   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.53 | 240  | 464147   | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 24.61 | 264  | 472710   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.48  | 112  | 604095   | 130.59 | ng    | 0.00      |
| 7) Phenol-d6                | 7.07  | 99   | 699751   | 112.65 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.06  | 82   | 540550   | 95.21  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.03 | 330  | 376455   | 158.43 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.16 | 172  | 1210853  | 100.17 | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.90 | 244  | 2007245  | 88.95  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 14.00 | 163  | 40820    | 2.805  | ng    | Qvalue 98 |

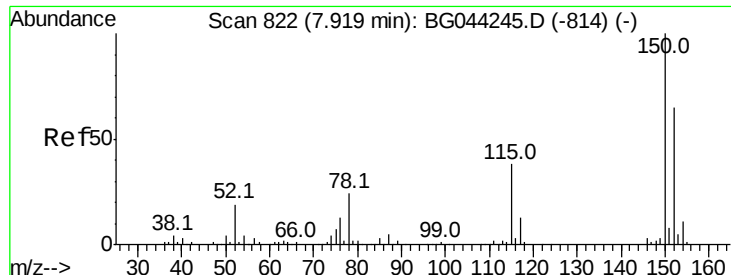
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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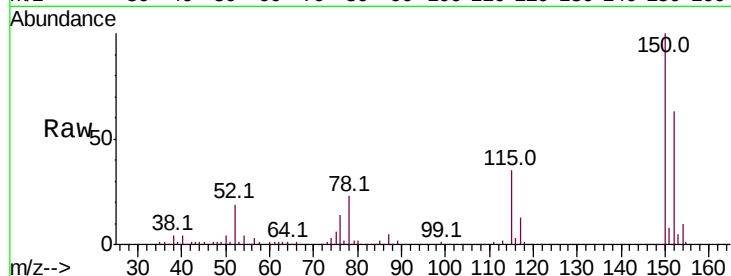


#1

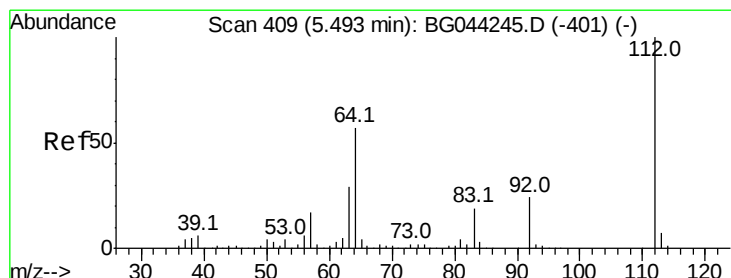
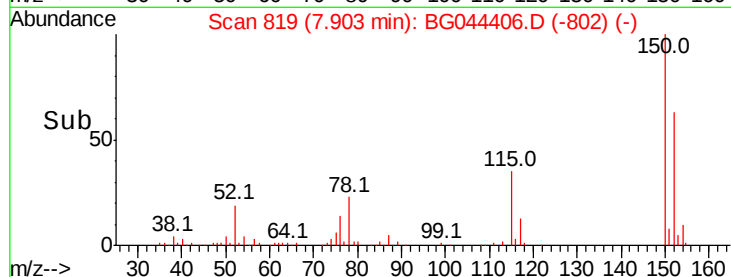
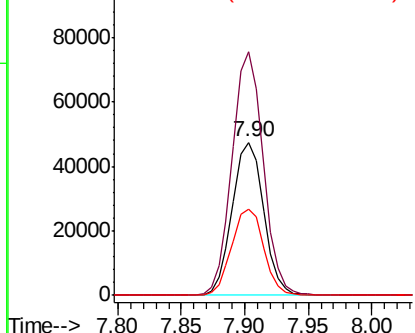
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.90 min Scan# 819  
Delta R.T. -0.00 min  
Lab File: BG044406.D  
Acq: 12 Feb 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
HAM-WC-S-SB-0203

Tot Ion:152 Resp: 81638  
Ion Ratio Lower Upper  
152 100  
150 159.0 122.6 183.8  
115 56.2 46.0 69.0



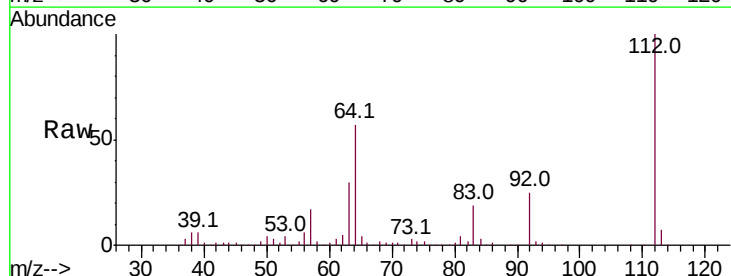
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



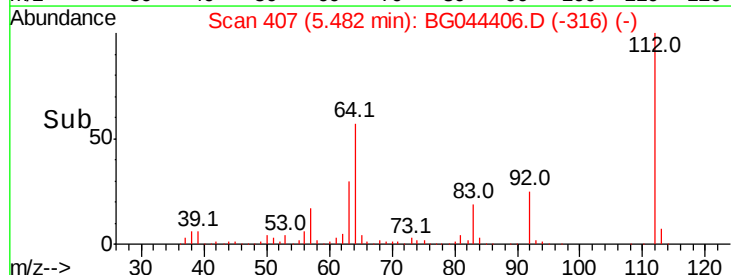
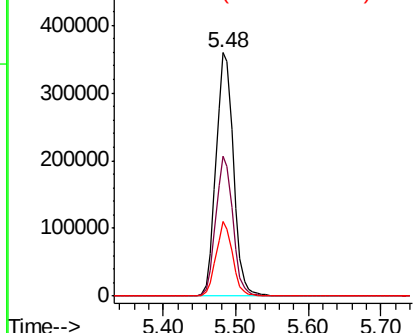
#5

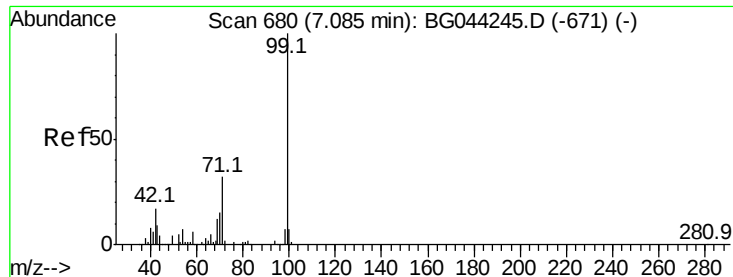
2-Fluorophenol  
Concen: 130.593 ng  
RT: 5.48 min Scan# 407  
Delta R.T. 0.00 min  
Lab File: BG044406.D  
Acq: 12 Feb 2020 13:06

Tgt Ion:112 Resp: 604095  
Ion Ratio Lower Upper  
112 100  
64 57.4 45.4 68.2  
63 30.5 22.9 34.3



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: 112.650 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044406.D

Acq: 12 Feb 2020 13:06

Instrument :

BNA\_G

ClientSampleId :

HAM-WC-S-SB-0203

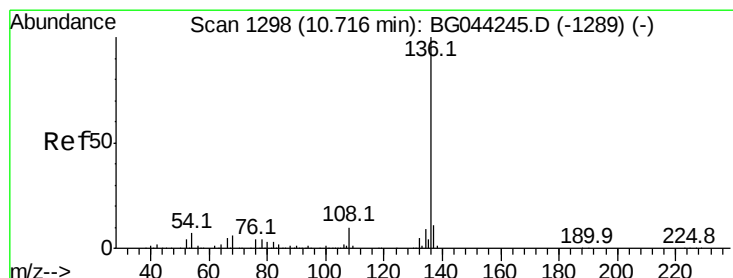
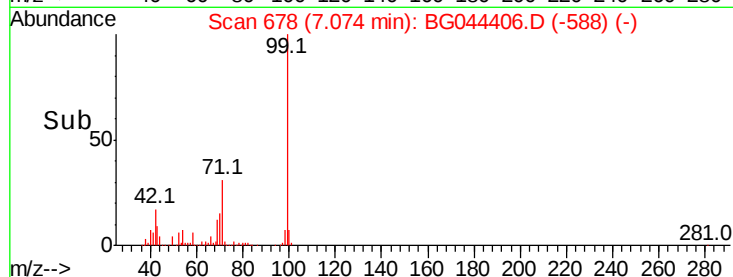
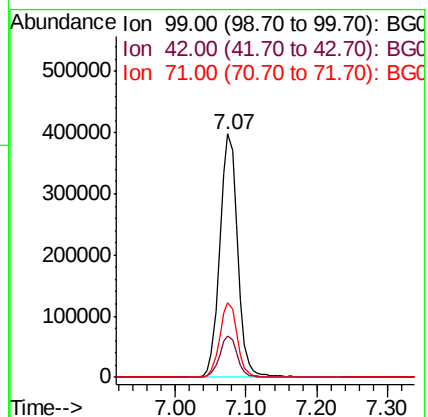
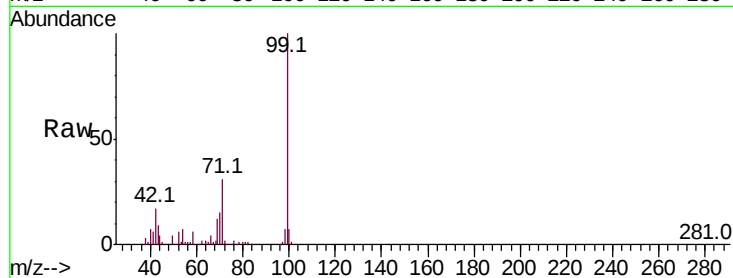
Tot Ion: 99 Resp: 699751

Ion Ratio Lower Upper

99 100

42 16.9 13.8 20.6

71 30.8 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BG044406.D

Acq: 12 Feb 2020 13:06

Tgt Ion: 136 Resp: 320517

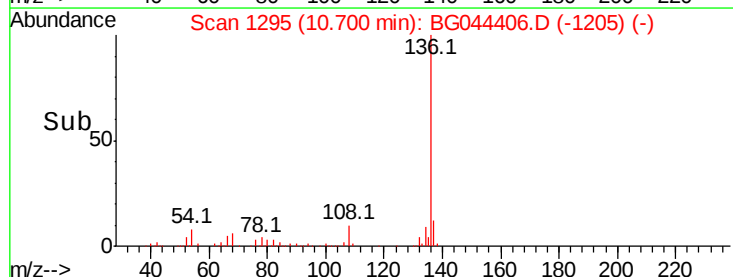
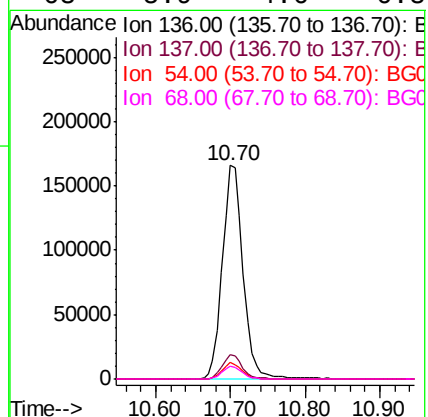
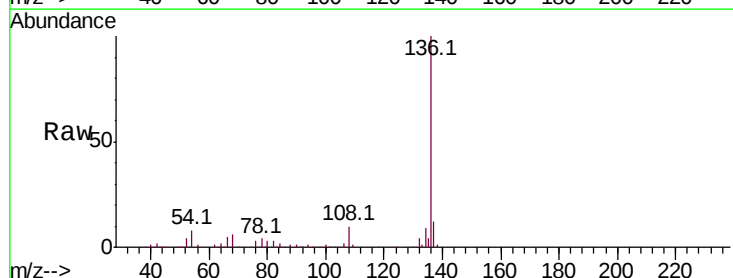
Ion Ratio Lower Upper

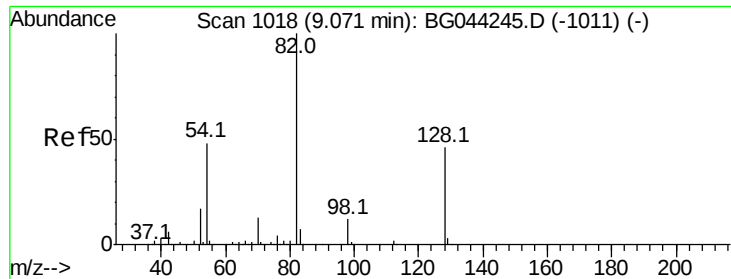
136 100

137 11.5 8.8 13.2

54 7.6 5.8 8.8

68 5.9 4.6 6.8

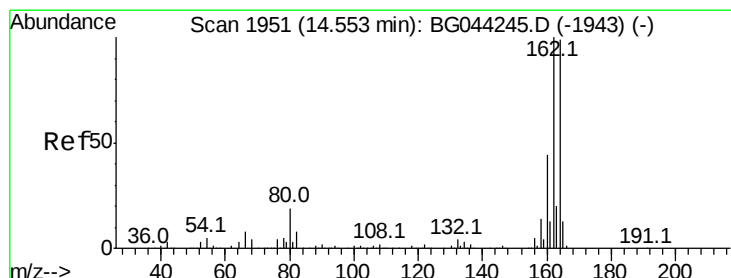
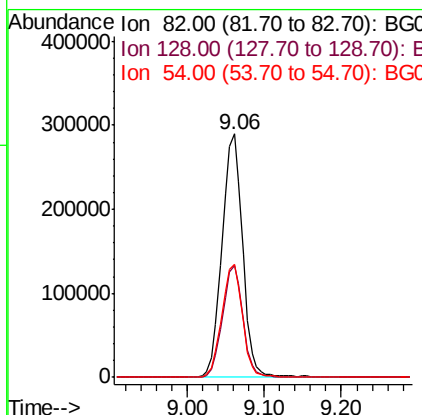
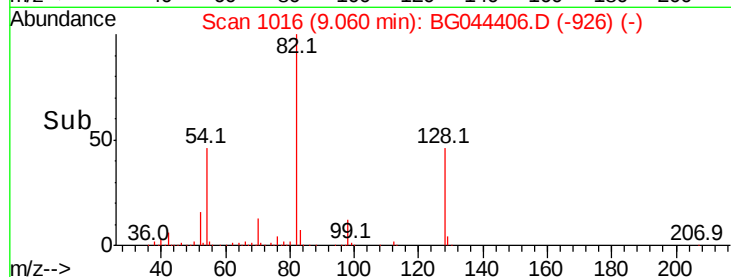
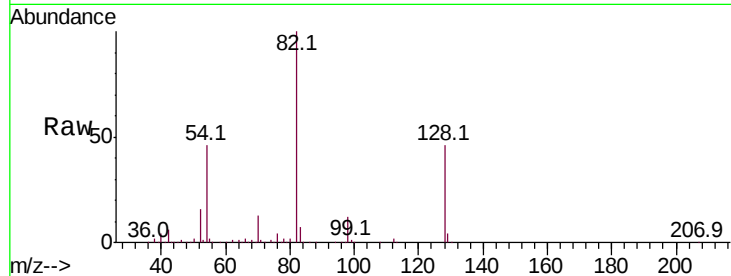




#23  
Nitrobenzene-d5  
Concen: 95.213 ng  
RT: 9.06 min Scan# 1016  
Delta R.T. -0.00 min  
Lab File: BG044406.D  
Acq: 12 Feb 2020 13:06

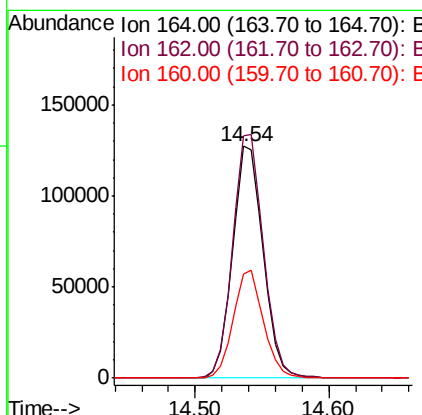
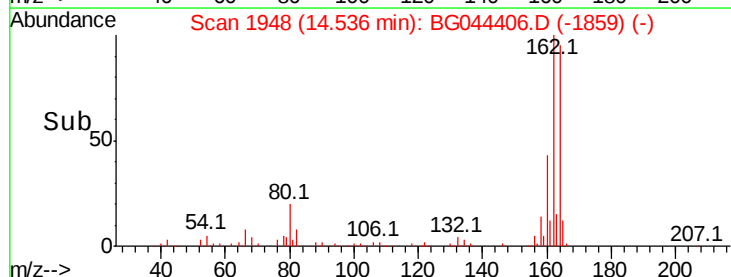
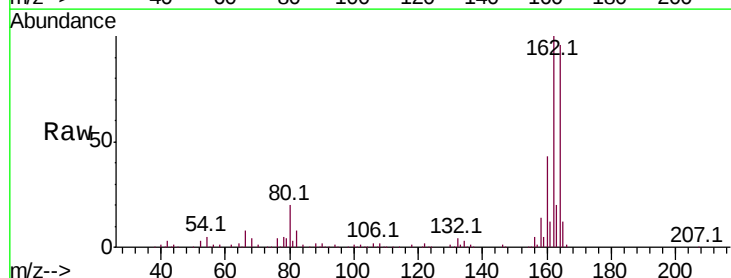
Instrument :  
BNA\_G  
ClientSampleId :  
HAM-WC-S-SB-0203

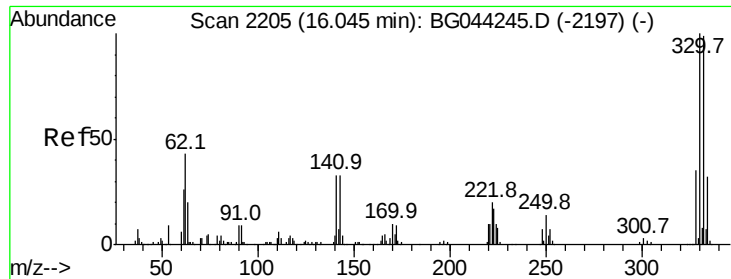
| Tot Ion   | 82   | Resp  | 540550 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 46.0 | 36.5  | 54.7   |
| 54        | 46.4 | 38.6  | 58.0   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.54 min Scan# 1948  
Delta R.T. -0.01 min  
Lab File: BG044406.D  
Acq: 12 Feb 2020 13:06

| Tgt Ion                                              | 164   | Resp  | 202413 |
|------------------------------------------------------|-------|-------|--------|
| Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td> | 100   | Lower | Upper  |
| 162                                                  | 104.5 | 80.7  | 121.1  |
| 160                                                  | 45.0  | 35.3  | 52.9   |

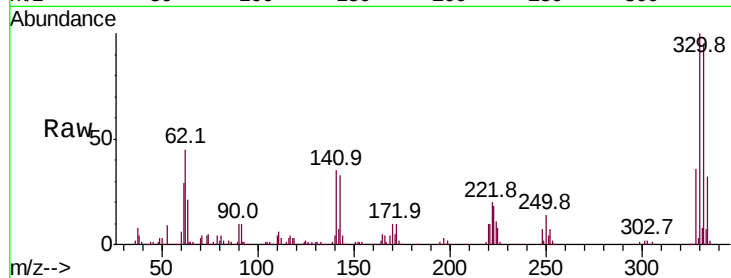




#42  
 2,4,6-Tribromophenol  
 Concen: 158.426 ng  
 RT: 16.03 min Scan# 2202  
 Delta R.T. -0.00 min  
 Lab File: BG044406.D  
 Acq: 12 Feb 2020 13:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 HAM-WC-S-SB-0203

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.9  | 77.2  | 115.8 |
| 141     | 34.8  | 28.3  | 42.5  |

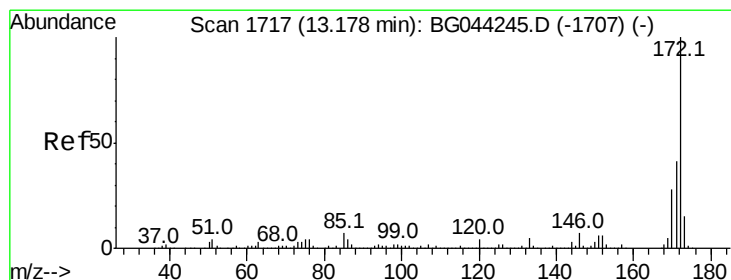
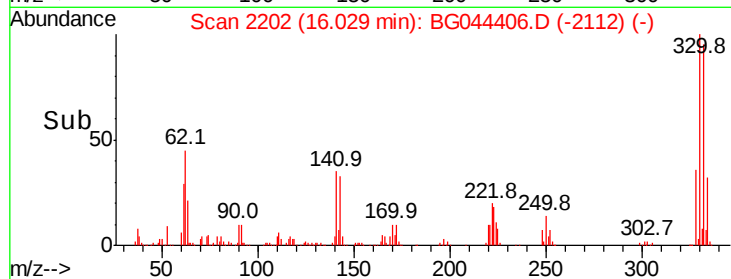
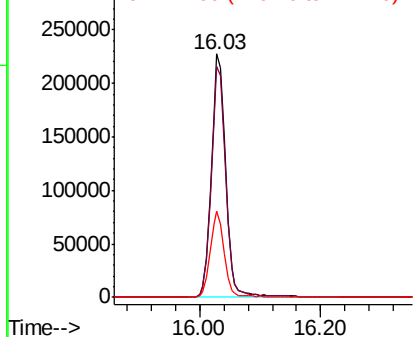


Abundance

Ion 329.80 (329.50 to 330.50): E

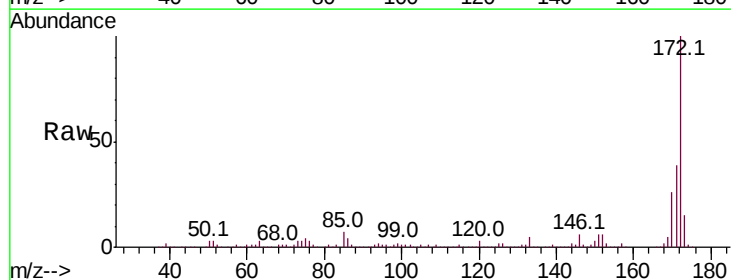
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 100.173 ng  
 RT: 13.16 min Scan# 1714  
 Delta R.T. -0.00 min  
 Lab File: BG044406.D  
 Acq: 12 Feb 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.5  | 32.9  | 49.3  |
| 170     | 25.7  | 22.0  | 33.0  |

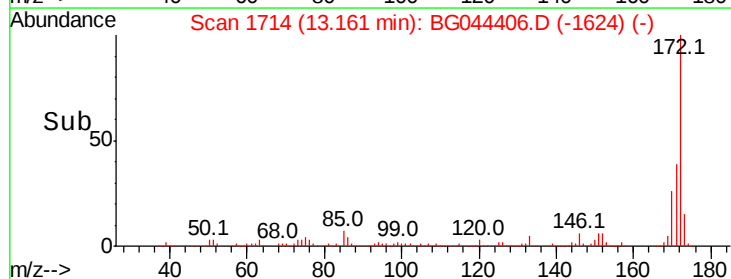
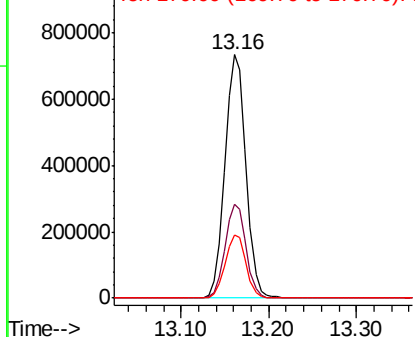


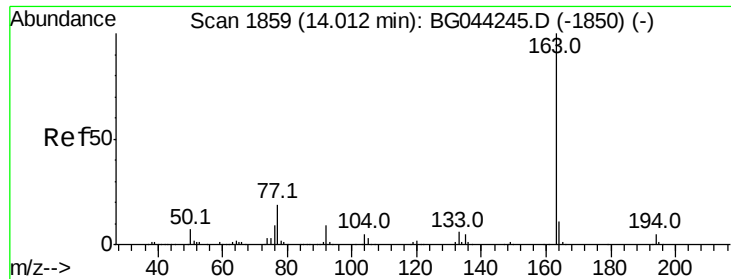
Abundance

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: 2.805 ng

RT: 14.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BG044406.D

Acq: 12 Feb 2020 13:06

Instrument :

BNA\_G

ClientSampleId :

HAM-WC-S-SB-0203

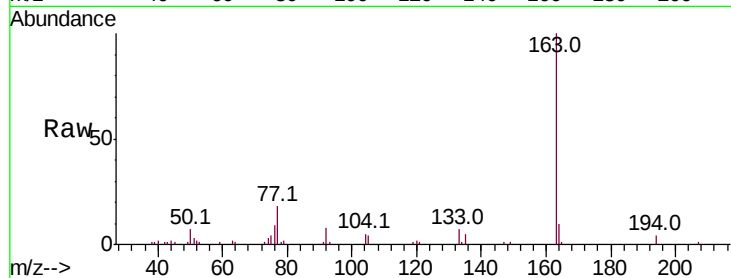
Tot Ion:163 Resp: 40820

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

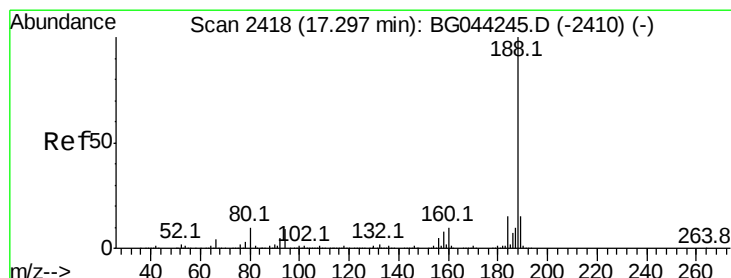
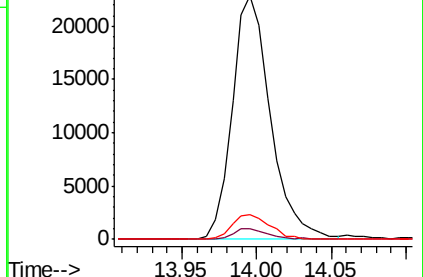
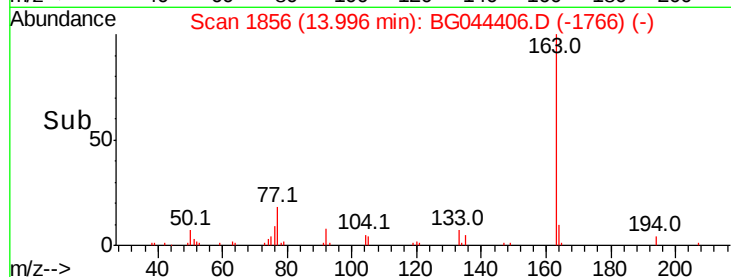
164 10.1 8.7 13.1



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# 2416

Delta R.T. -0.00 min

Lab File: BG044406.D

Acq: 12 Feb 2020 13:06

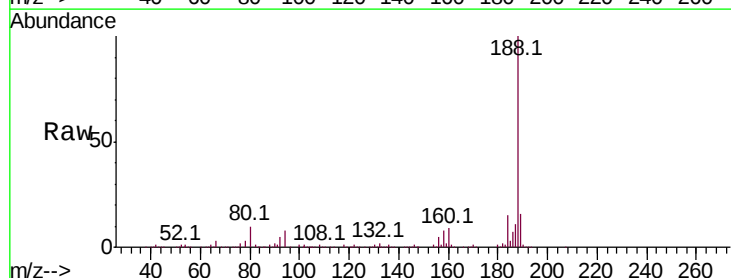
Tgt Ion:188 Resp: 477936

Ion Ratio Lower Upper

188 100

94 8.3 7.4 11.2

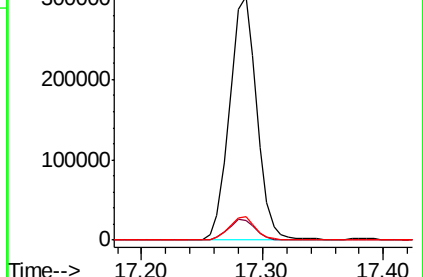
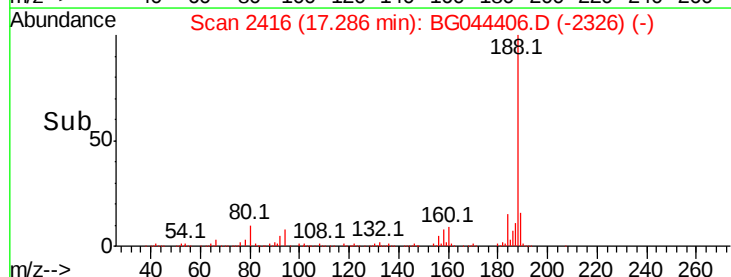
80 9.5 7.7 11.5

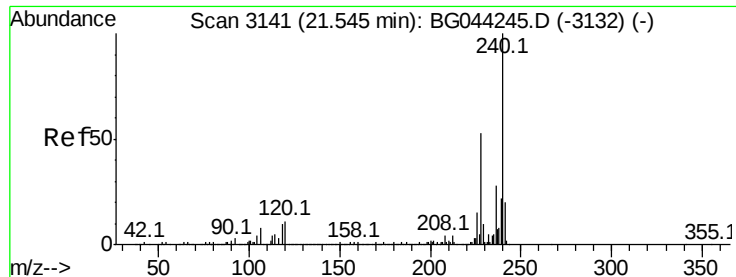


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

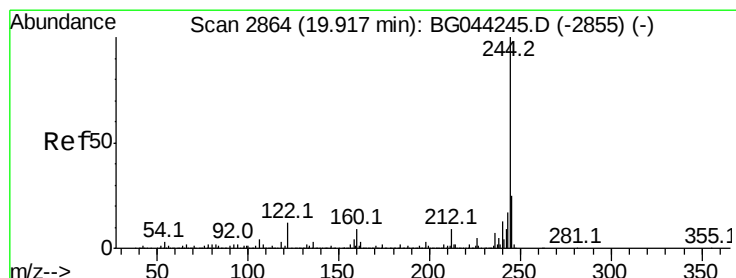
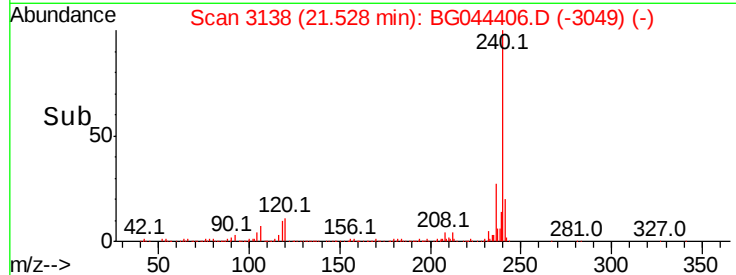
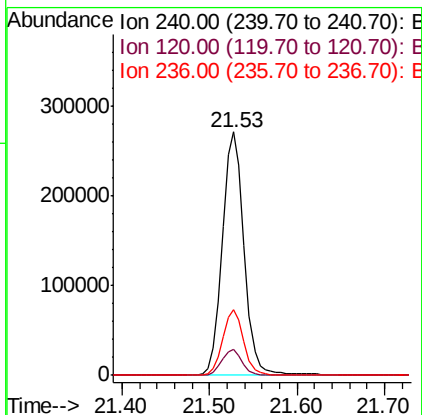
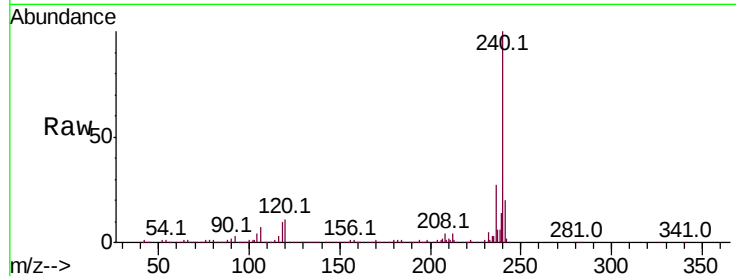




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 21.53 min Scan# 3138  
 Delta R.T. -0.01 min  
 Lab File: BG044406.D  
 Acq: 12 Feb 2020 13:06

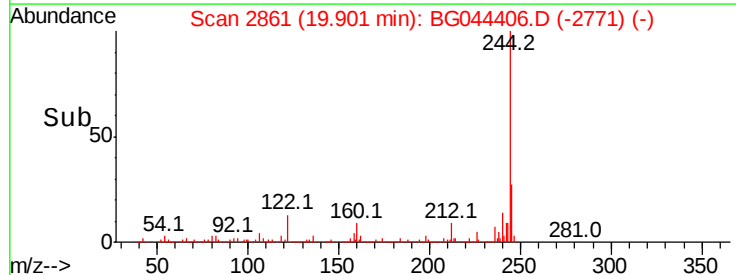
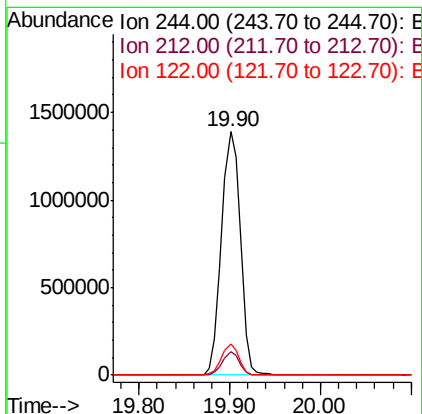
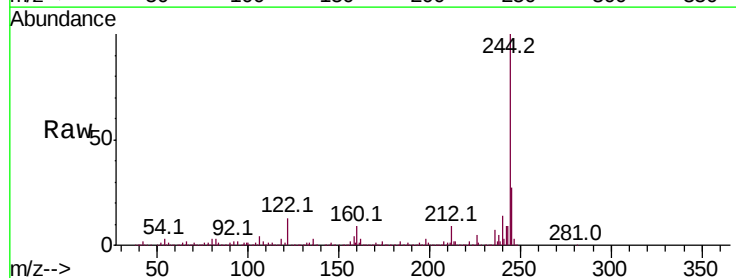
Instrument :  
 BNA\_G  
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 HAM-WC-S-SB-0203

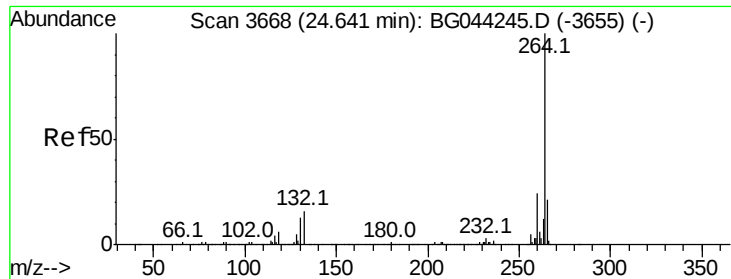
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.9  | 8.4   | 12.6  |
| 236     | 26.9  | 22.1  | 33.1  |



#79  
 Terphenyl-d14  
 Concen: 88.951 ng  
 RT: 19.90 min Scan# 2861  
 Delta R.T. -0.00 min  
 Lab File: BG044406.D  
 Acq: 12 Feb 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 9.5   | 7.4   | 11.2  |
| 122     | 12.7  | 9.8   | 14.6  |





#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 24.61 min Scan# 3663  
 Delta R.T. -0.01 min  
 Lab File: BG044406.D  
 Acq: 12 Feb 2020 13:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 HAM-WC-S-SB-0203

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.2  | 19.4  | 29.2  |
| 265     | 20.7  | 16.7  | 25.1  |

