

Data File : BG044059.D  
Acq On : 15 Jan 2020 21:08  
Operator : JU  
Sample : L1115-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SIDE-WALK-COMP

Quant Time: Jan 16 08:13:13 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

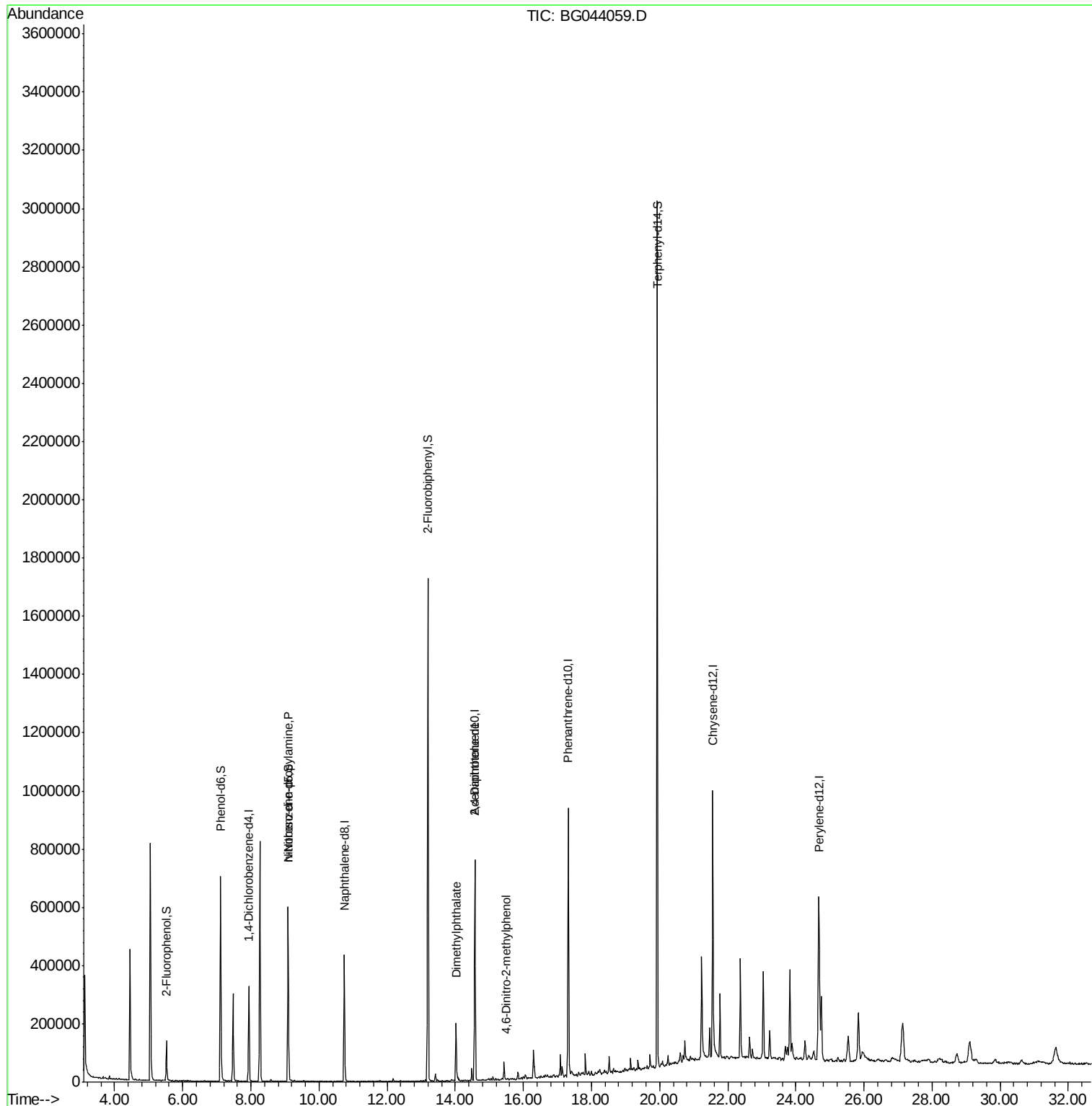
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.94  | 152  | 99064    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8             | 10.74 | 136  | 403586   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10           | 14.57 | 164  | 267775   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10           | 17.32 | 188  | 579382   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12               | 21.56 | 240  | 512429   | 20.00 | ng    | -0.03    |
| 87) Perylene-d12               | 24.67 | 264  | 580438   | 20.00 | ng    | -0.05    |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 5.52  | 112  | 70392    | 13.05 | ng    | -0.02    |
| 7) Phenol-d6                   | 7.11  | 99   | 472237   | 62.62 | ng    | -0.01    |
| 23) Nitrobenzene-d5            | 9.09  | 82   | 395596   | 52.44 | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol       | 16.07 | 330  | 1939     | 0.69  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl           | 13.20 | 172  | 922813   | 62.44 | ng    | -0.02    |
| 79) Terphenyl-d14              | 19.93 | 244  | 1433360  | 62.47 | ng    | -0.03    |
| Target Compounds               |       |      |          |       |       |          |
| 19) n-Nitroso-di-n-propylamine | 9.09  | 70   | 50093    | 8.919 | ng    | # 78     |
| 50) Dimethylphthalate          | 14.03 | 163  | 156368   | 8.224 | ng    | # 97     |
| 57) 2,4-Dinitrotoluene         | 14.57 | 165  | 35441    | 6.061 | ng    | # 27     |
| 65) 4,6-Dinitro-2-methylphenol | 15.50 | 198  | 59       | 4.408 | ng    | # 33     |

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

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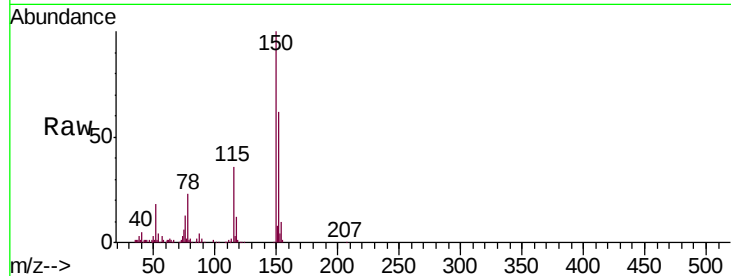


#1

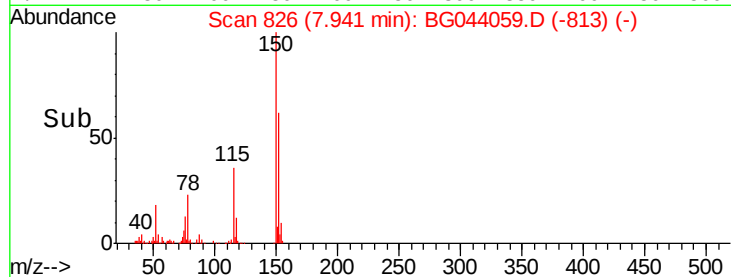
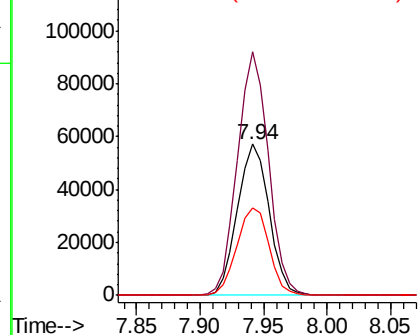
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.94 min Scan# 826  
Delta R.T. -0.02 min  
Lab File: BG044059.D  
Acq: 15 Jan 2020 21:08

Instrument :  
BNA\_G  
ClientSampleId :  
SIDE-WALK-COMP

Tgt Ion:152 Resp: 99064  
Ion Ratio Lower Upper  
152 100  
150 161.0 127.0 190.4  
115 57.6 47.8 71.8



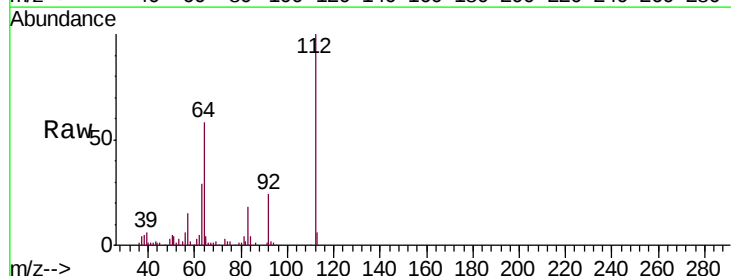
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



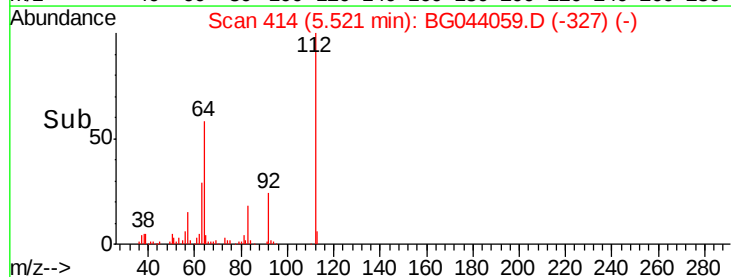
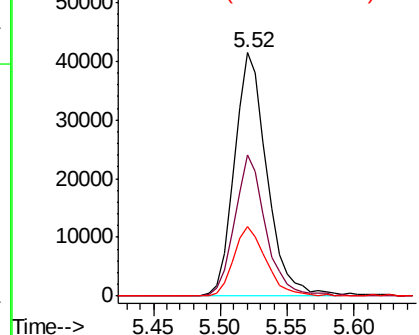
#5

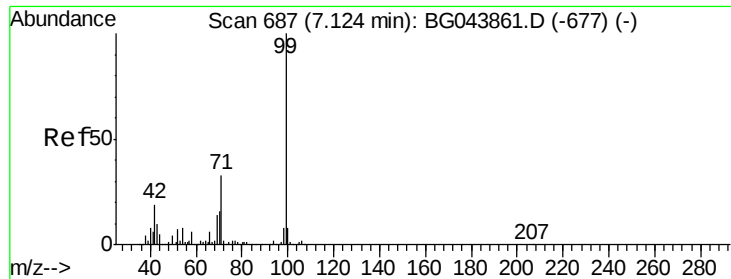
2-Fluorophenol  
Concen: 13.047 ng  
RT: 5.52 min Scan# 414  
Delta R.T. -0.02 min  
Lab File: BG044059.D  
Acq: 15 Jan 2020 21:08

Tgt Ion:112 Resp: 70392  
Ion Ratio Lower Upper  
112 100  
64 58.1 47.8 71.6  
63 28.8 24.3 36.5



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: 62.617 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044059.D

Acq: 15 Jan 2020 21:08

Instrument :

BNA\_G

ClientSampleId :

SIDE-WALK-COMP

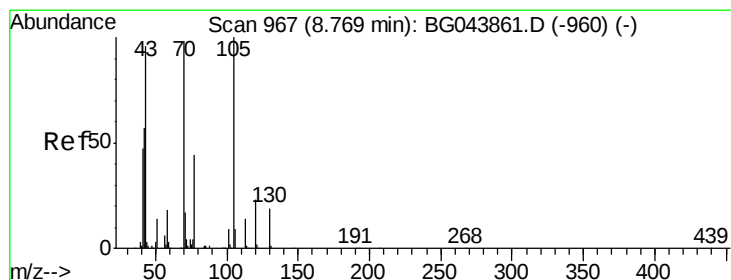
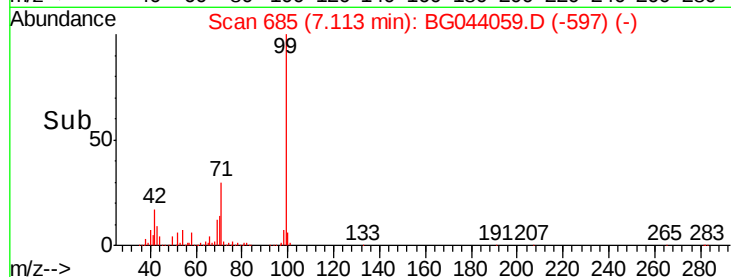
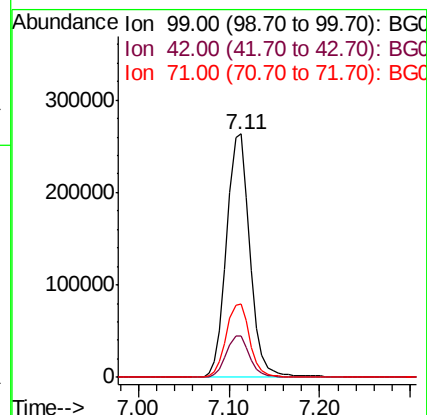
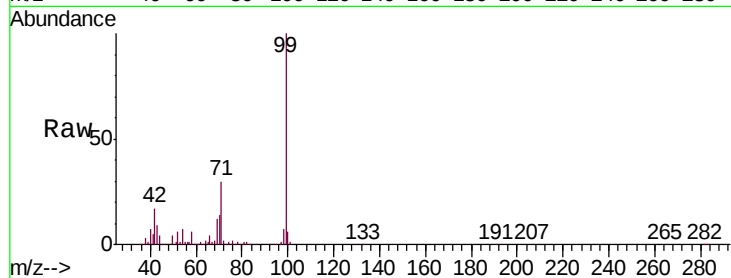
Tgt Ion: 99 Resp: 472237

Ion Ratio Lower Upper

99 100

42 17.2 14.9 22.3

71 30.1 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 8.919 ng

RT: 9.09 min Scan# 1022

Delta R.T. 0.32 min

Lab File: BG044059.D

Acq: 15 Jan 2020 21:08

Tgt Ion: 70 Resp: 50093

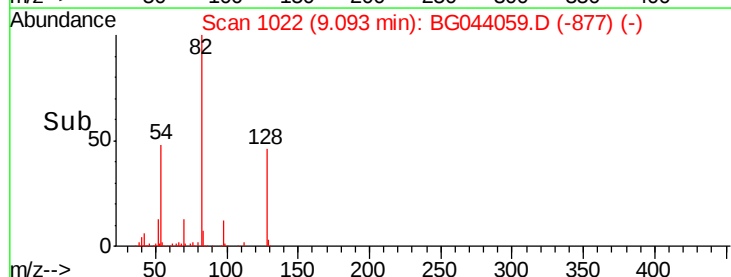
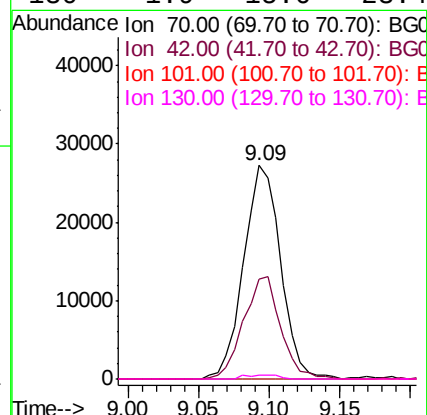
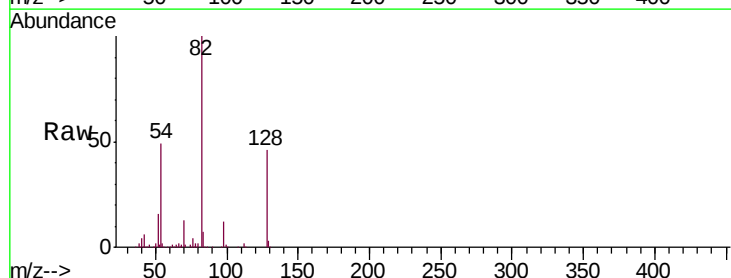
Ion Ratio Lower Upper

70 100

42 46.7 47.0 70.4#

101 0.0 7.2 10.8#

130 1.9 15.6 23.4#

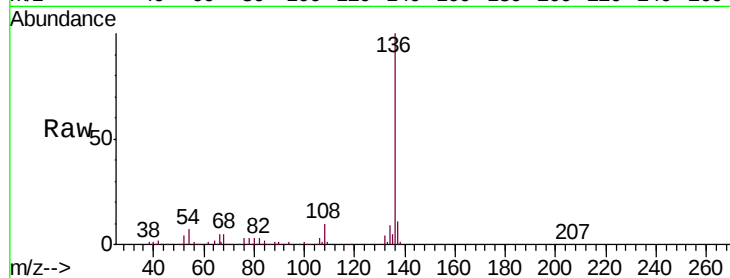




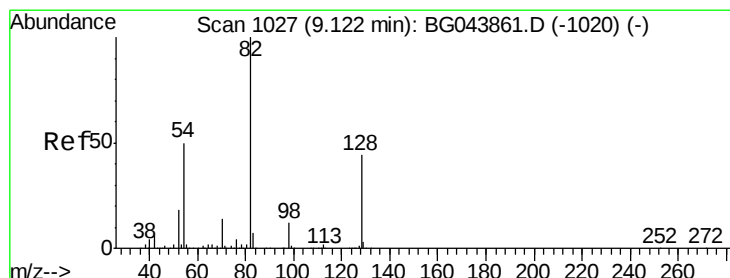
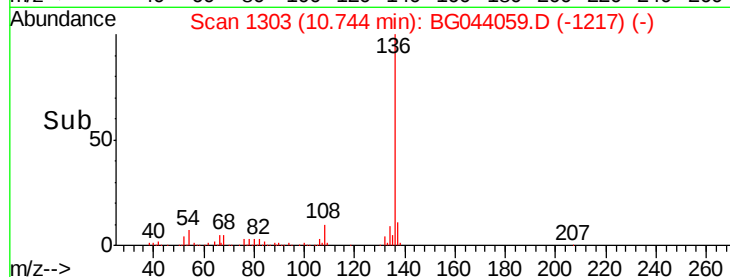
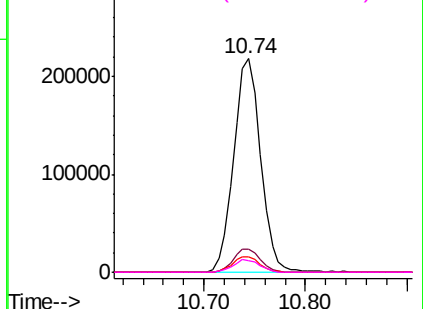
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.74 min Scan# 1303  
Delta R.T. -0.02 min  
Lab File: BG044059.D  
Acq: 15 Jan 2020 21:08

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BNA\_G  
ClientSampleId :  
SIDE-WALK-COMP

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 403586 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.8   | 13.2   |
| 54       | 7.5   | 7.0   | 10.4   |
| 68       | 5.2   | 4.9   | 7.3    |

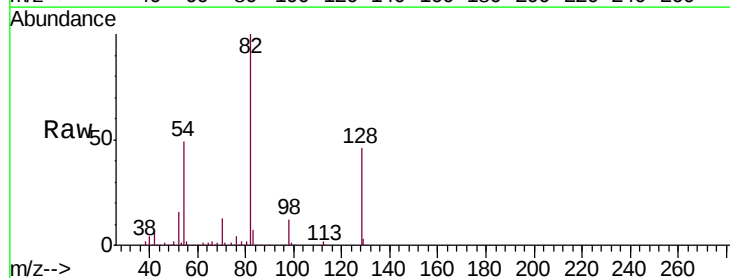


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

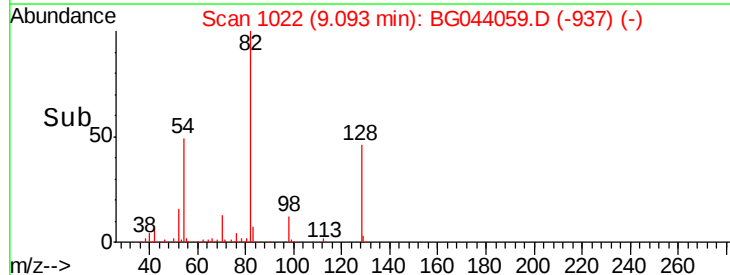
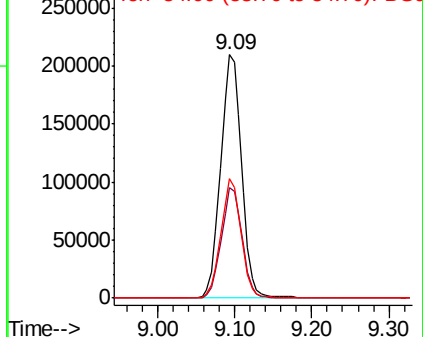


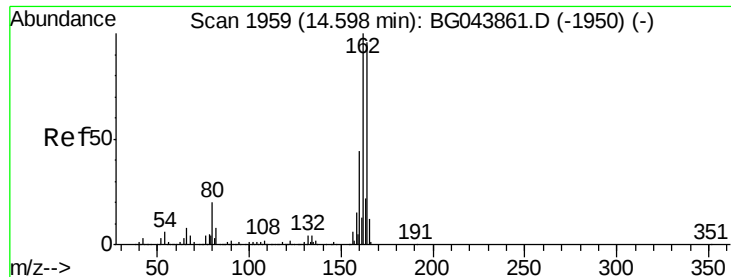
#23  
Nitrobenzene-d5  
Concen: 52.437 ng  
RT: 9.09 min Scan# 1022  
Delta R.T. -0.03 min  
Lab File: BG044059.D  
Acq: 15 Jan 2020 21:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 395596 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 45.6  | 35.1  | 52.7   |
| 54       | 49.1  | 40.1  | 60.1   |



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG044059.D

Acq: 15 Jan 2020 21:08

Instrument :

BNA\_G

ClientSampleId :

SIDE-WALK-COMP

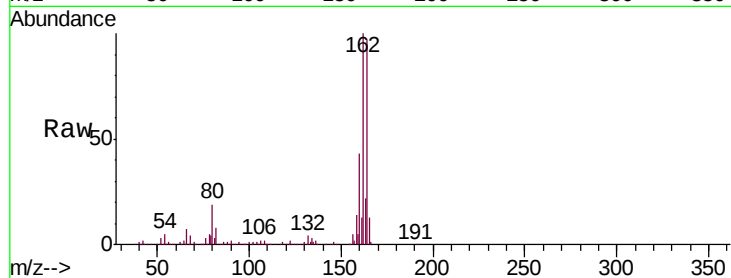
Tgt Ion:164 Resp: 267775

Ion Ratio Lower Upper

164 100

162 103.1 83.0 124.4

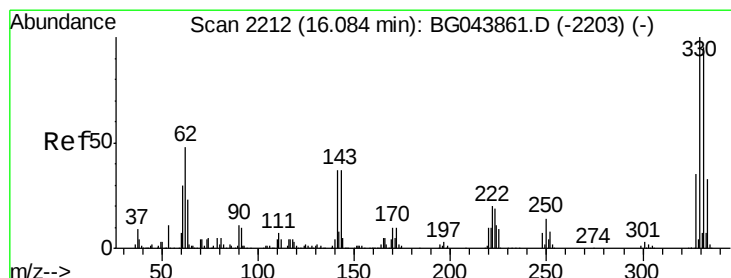
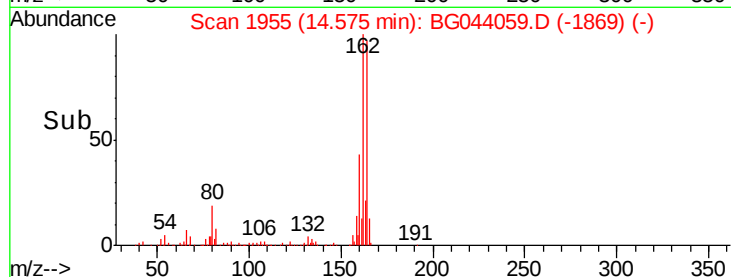
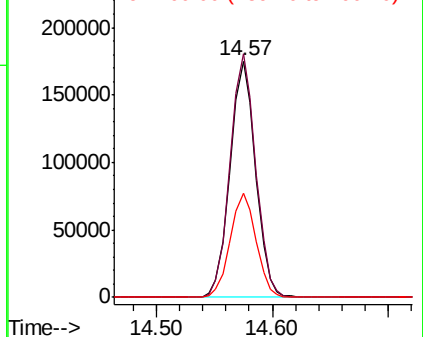
160 44.3 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 0.692 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG044059.D

Acq: 15 Jan 2020 21:08

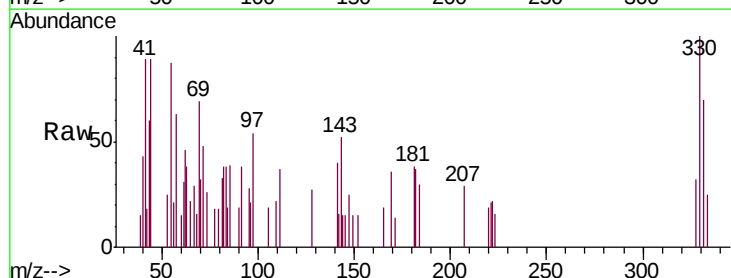
Tgt Ion:330 Resp: 1939

Ion Ratio Lower Upper

330 100

332 93.3 77.2 115.8

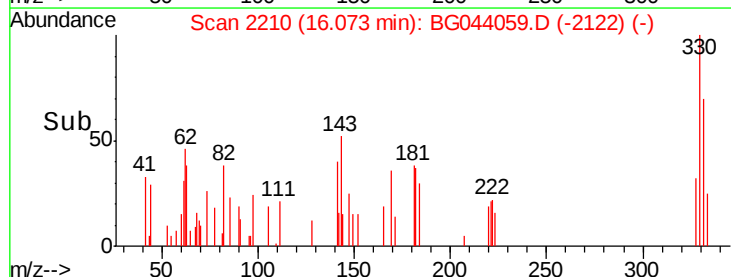
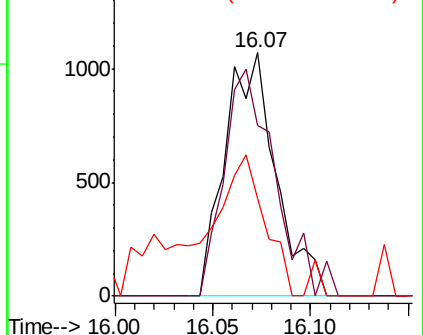
141 54.4 33.1 49.7#



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

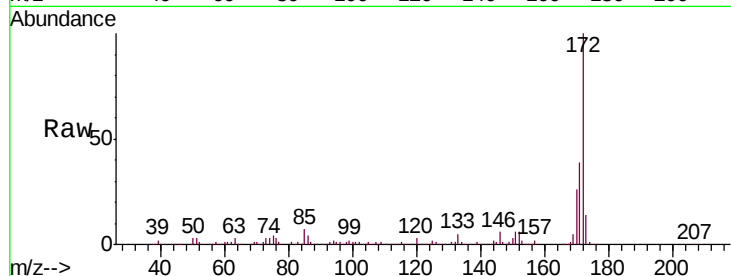




#45  
2-Fluorobiphenyl  
Concen: 62.438 ng  
RT: 13.20 min Scan# 1721  
Delta R.T. -0.02 min  
Lab File: BG044059.D  
Acq: 15 Jan 2020 21:08

Instrument :  
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SIDE-WALK-COMP

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.7  | 35.8  | 53.8  |
| 170     | 26.2  | 24.2  | 36.4  |

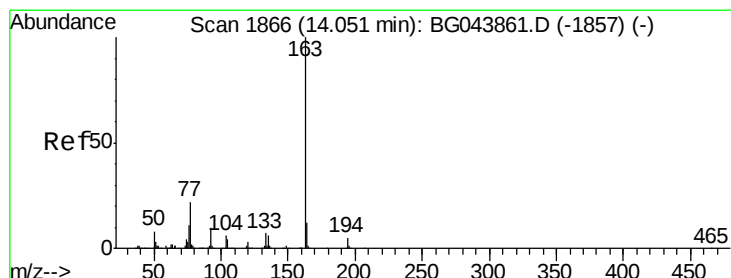
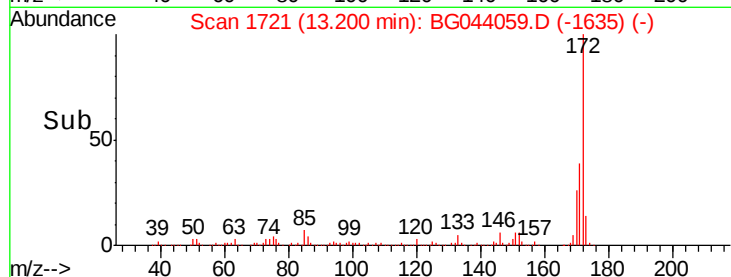
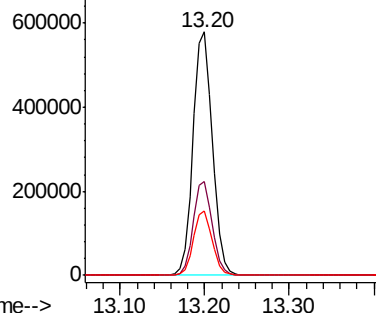


Abundance

Ion 172.00 (171.70 to 172.70): E

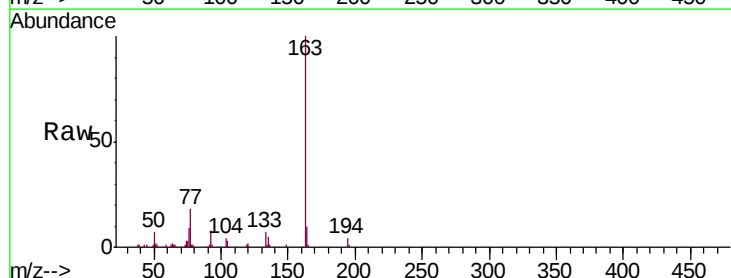
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50  
Dimethylphthalate  
Concen: 8.224 ng  
RT: 14.03 min Scan# 1862  
Delta R.T. -0.02 min  
Lab File: BG044059.D  
Acq: 15 Jan 2020 21:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.1   | 3.7   | 5.5   |
| 164     | 10.3  | 9.3   | 13.9  |

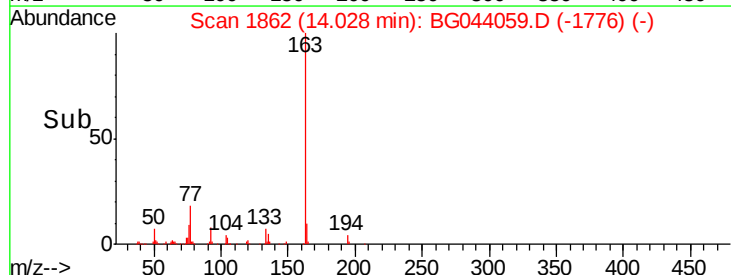
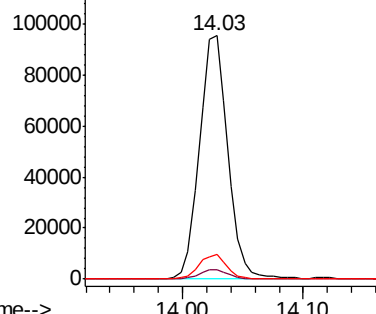


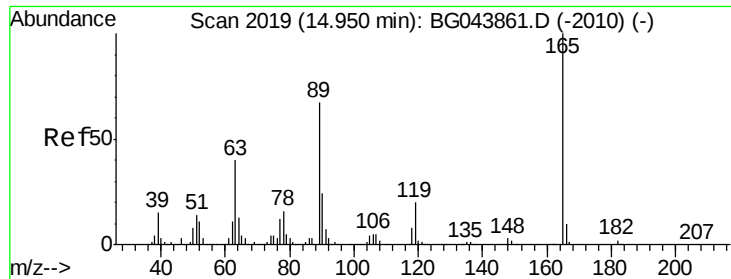
Abundance

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

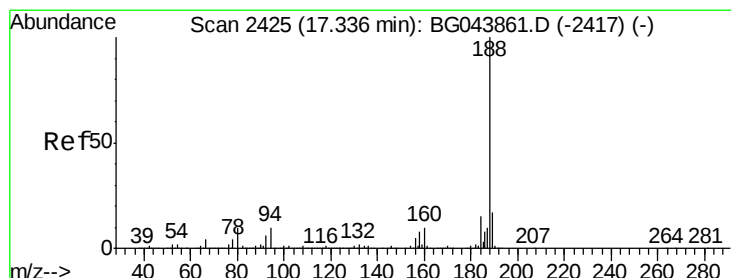
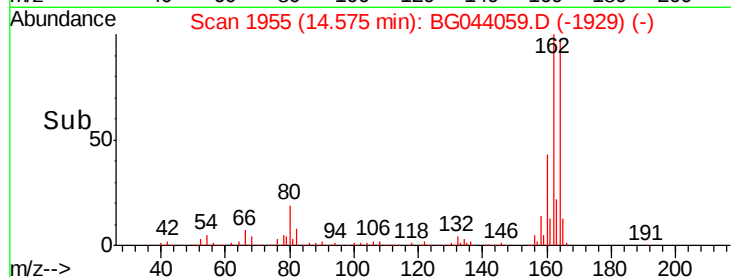
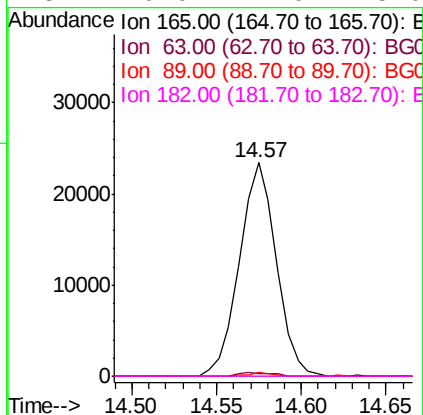
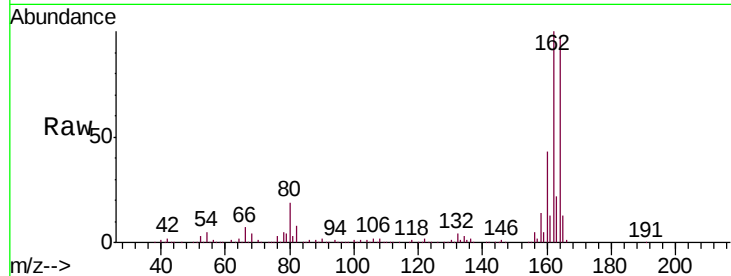




#57  
 2,4-Dinitrotoluene  
 Concen: 6.061 ng  
 RT: 14.57 min Scan# 1955  
 Delta R.T. -0.38 min  
 Lab File: BG044059.D  
 Acq: 15 Jan 2020 21:08

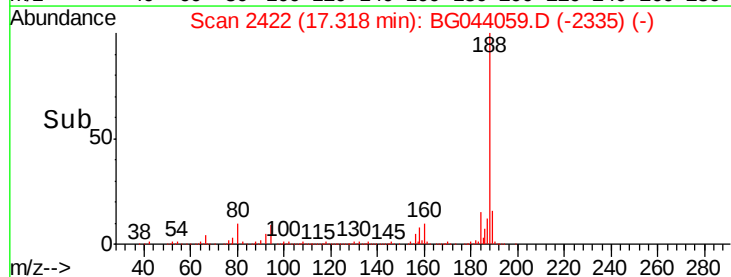
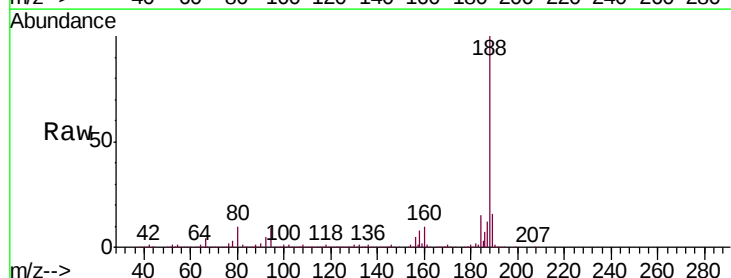
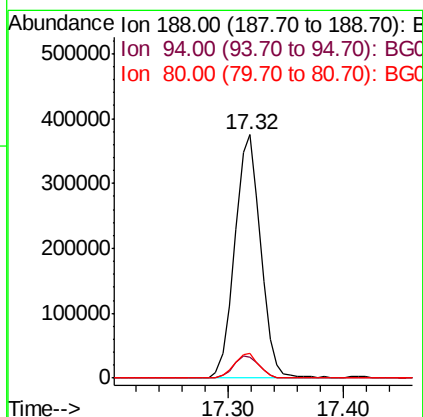
Instrument :  
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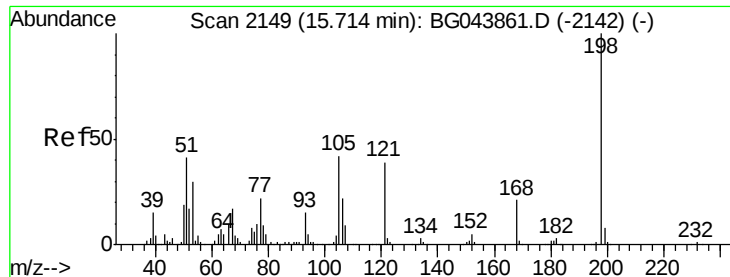
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 1.0   | 31.9  | 47.9# |
| 89      | 1.8   | 53.8  | 80.6# |
| 182     | 0.0   | 2.0   | 3.0#  |



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.32 min Scan# 2422  
 Delta R.T. -0.02 min  
 Lab File: BG044059.D  
 Acq: 15 Jan 2020 21:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.7   | 7.9   | 11.9  |
| 80      | 9.9   | 8.2   | 12.4  |

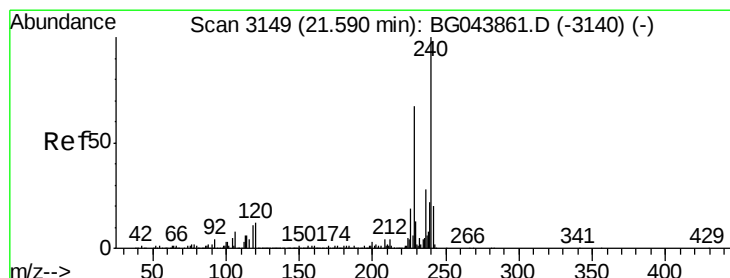
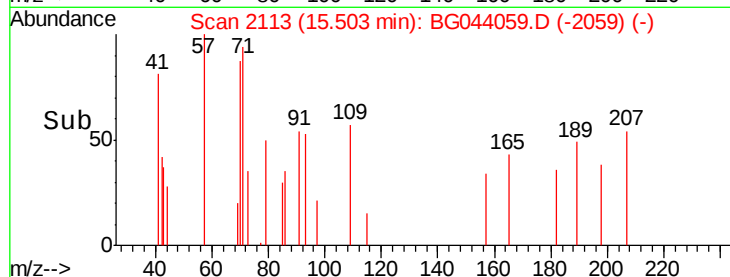
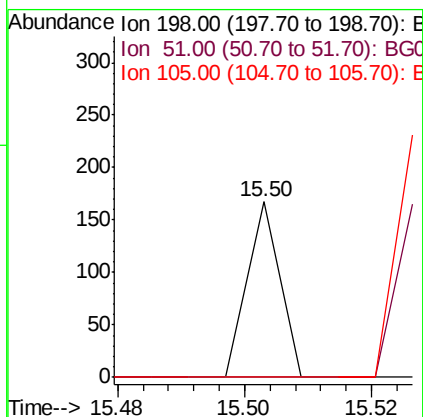
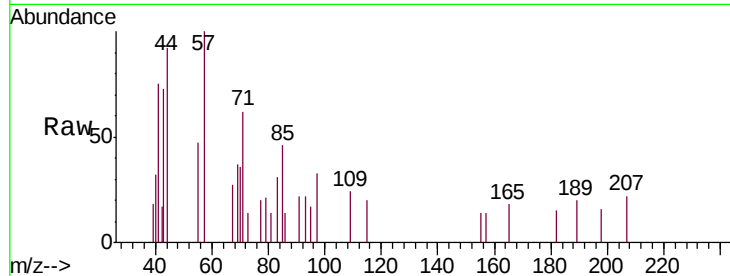




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 4.408 ng  
 RT: 15.50 min Scan# 2113  
 Delta R.T. -0.21 min  
 Lab File: BG044059.D  
 Acq: 15 Jan 2020 21:08

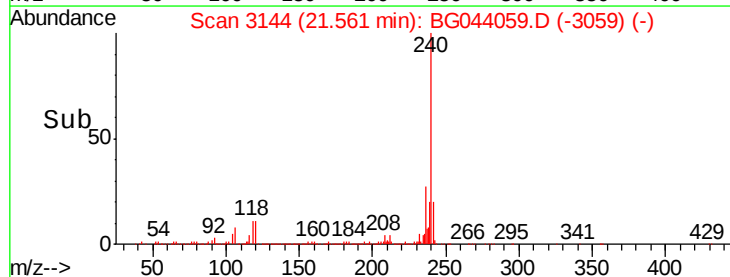
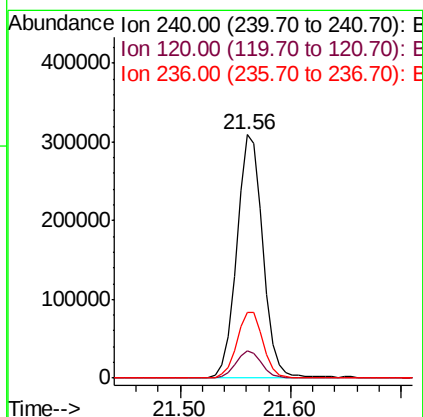
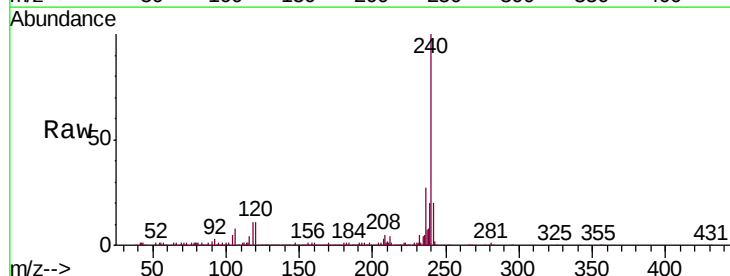
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SIDE-WALK-COMP

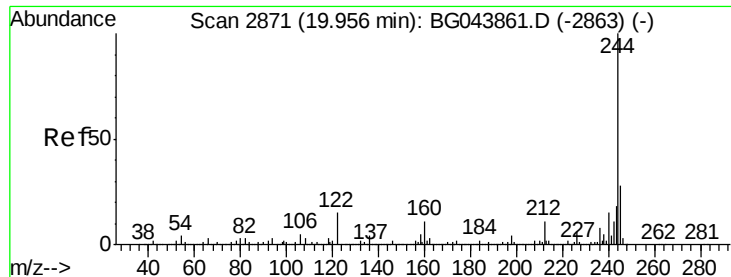
Tgt Ion:198 Resp: 59  
 Ion Ratio Lower Upper  
 198 100  
 51 0.0 22.5 62.5#  
 105 0.0 22.3 62.3#



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.56 min Scan# 3144  
 Delta R.T. -0.03 min  
 Lab File: BG044059.D  
 Acq: 15 Jan 2020 21:08

Tgt Ion:240 Resp: 512429  
 Ion Ratio Lower Upper  
 240 100  
 120 11.1 9.6 14.4  
 236 27.1 22.2 33.2





#79

Terphenyl-d14

Concen: 62.466 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044059.D

Acq: 15 Jan 2020 21:08

Instrument :

BNA\_G

ClientSampleId :

SIDE-WALK-COMP

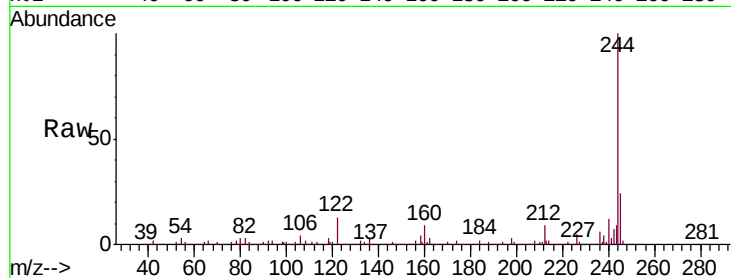
Tgt Ion:244 Resp: 1433360

Ion Ratio Lower Upper

244 100

212 8.7 8.6 13.0

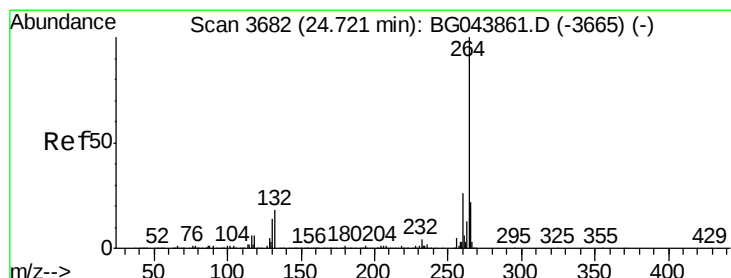
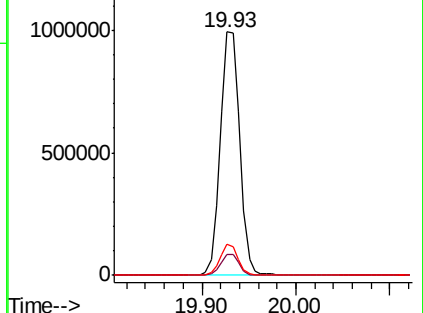
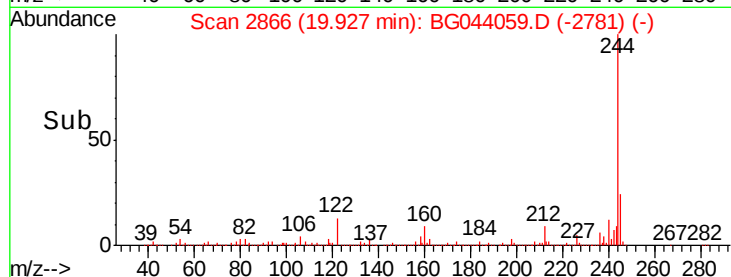
122 12.6 11.9 17.9



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: 24.67 min Scan# 3674

Delta R.T. -0.05 min

Lab File: BG044059.D

Acq: 15 Jan 2020 21:08

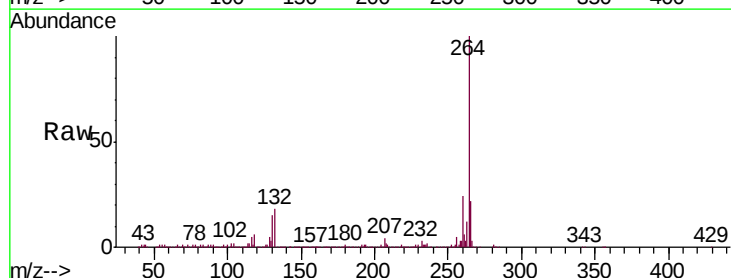
Tgt Ion:264 Resp: 580438

Ion Ratio Lower Upper

264 100

260 23.9 20.4 30.6

265 22.5 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

