

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG052620\  
 Data File : BG045463.D  
 Acq On : 26 May 2020 18:55  
 Operator : CG/JU  
 Sample : L2744-17  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NM17-COMP-2020-0-6

Quant Time: May 27 01:29:10 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG051520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 26 14:16:30 2020  
 Response via : Initial Calibration

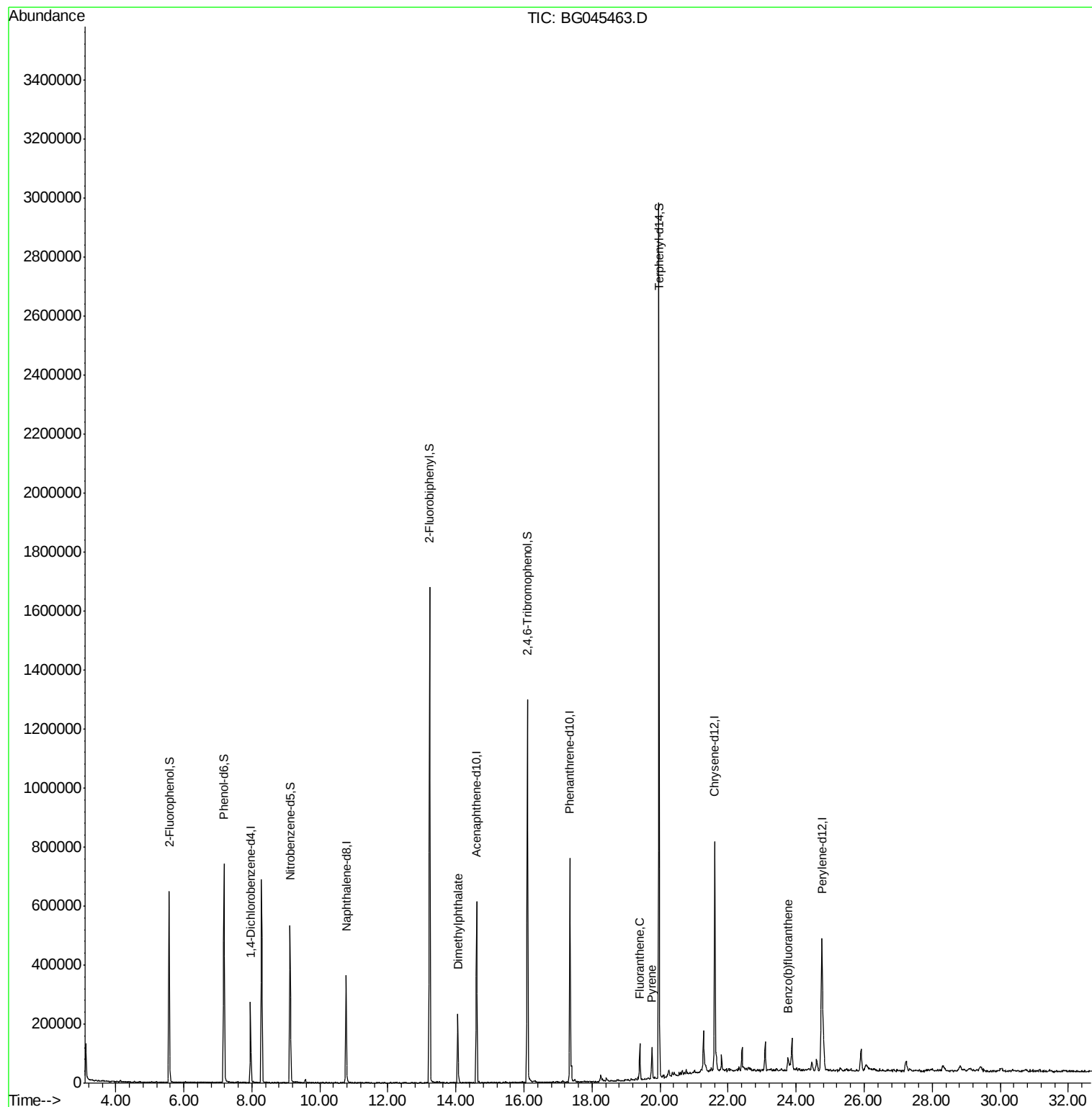
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.96  | 152  | 80390    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.77 | 136  | 328203   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.60 | 164  | 226191   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.35 | 188  | 517627   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.61 | 240  | 482116   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12            | 24.76 | 264  | 529113   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.56  | 112  | 323904   | 78.74 | ng    | 0.00     |
| 7) Phenol-d6                | 7.18  | 99   | 498339   | 85.12 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.12  | 82   | 371267   | 61.69 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.10 | 330  | 281370   | 97.27 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.22 | 172  | 926086   | 69.45 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.97 | 244  | 1483869  | 71.78 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 50) Dimethylphthalate       | 14.05 | 163  | 164659   | 10.61 | ng    | 98       |
| 75) Fluoranthene            | 19.40 | 202  | 82466    | 2.87  | ng    | 93       |
| 78) Pyrene                  | 19.76 | 202  | 73825    | 2.69  | ng    | 97       |
| 88) Benzo(b)fluoranthene    | 23.76 | 252  | 61097    | 2.15  | ng    | 94       |

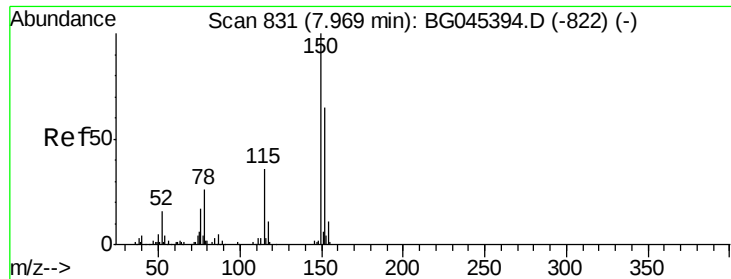
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG052620\  
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Misc :  
ALS Vial : 10 Sample Multiplier: 1

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NM17-COMP-2020-0-6

Quant Time: May 27 01:29:10 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG051520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 26 14:16:30 2020  
Response via : Initial Calibration



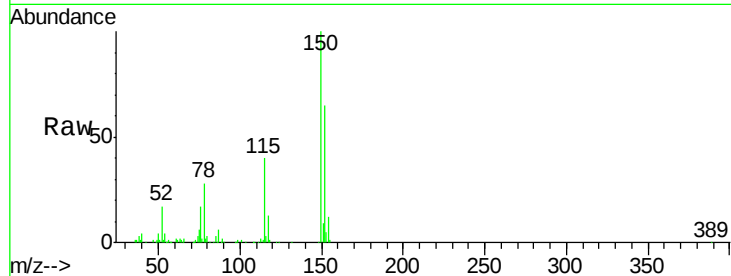


#1

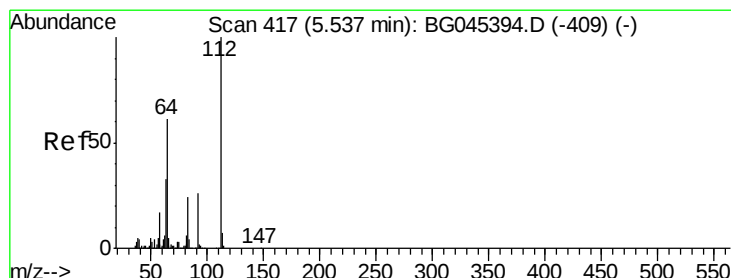
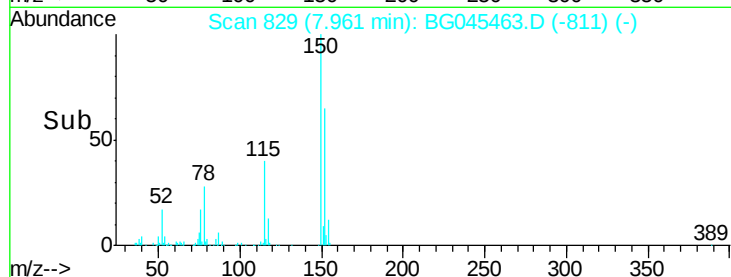
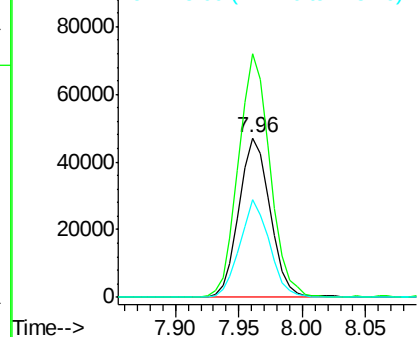
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.96 min Scan# 829  
Delta R.T. 0.00 min  
Lab File: BG045463.D  
Acq: 26 May 2020 18:55

Instrument :  
BNA\_G  
ClientSampleId :  
NM17-COMP-2020-0-6

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.7 | 122.4 | 183.6 |
| 115     | 61.1  | 44.2  | 66.4  |



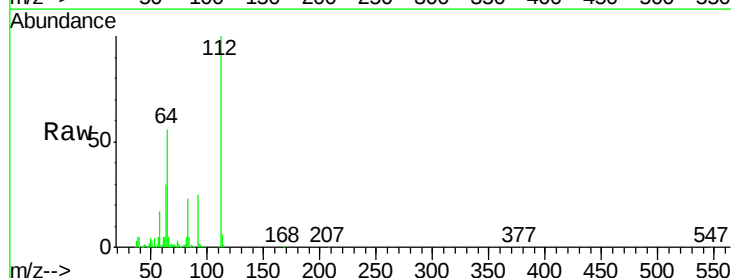
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



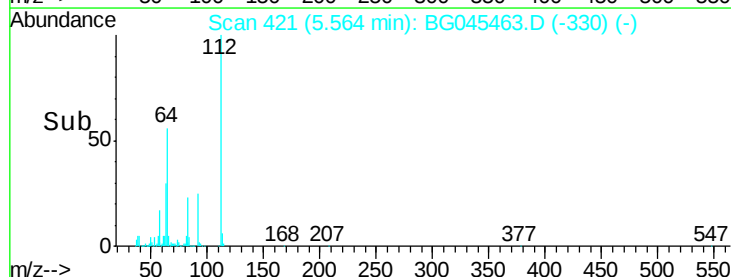
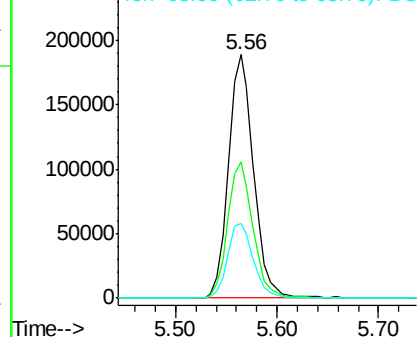
#5

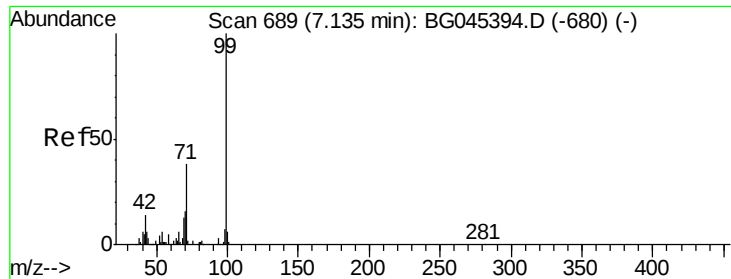
2-Fluorophenol  
Concen: 78.74 ng  
RT: 5.56 min Scan# 421  
Delta R.T. 0.00 min  
Lab File: BG045463.D  
Acq: 26 May 2020 18:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 56.0  | 48.6  | 72.8  |
| 63      | 30.4  | 26.5  | 39.7  |



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: 85.12 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG045463.D

Acq: 26 May 2020 18:55

Instrument :

BNA\_G

ClientSampleId :

NM17-COMP-2020-0-6

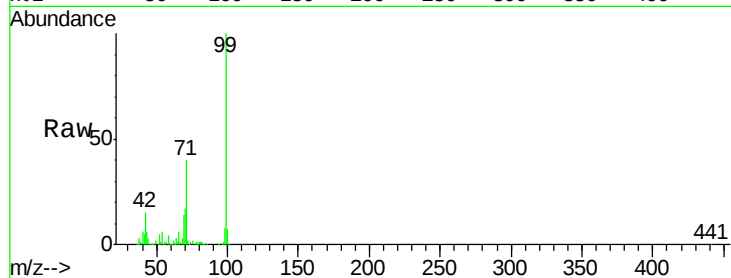
Tgt Ion: 99 Resp: 498339

Ion Ratio Lower Upper

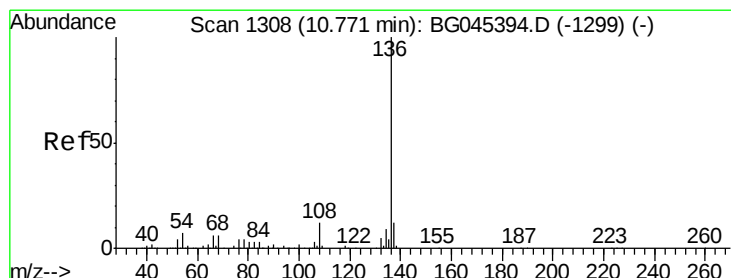
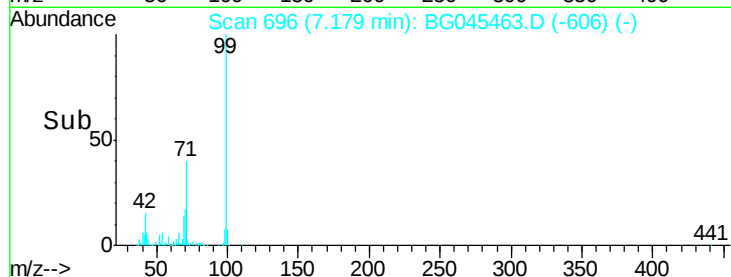
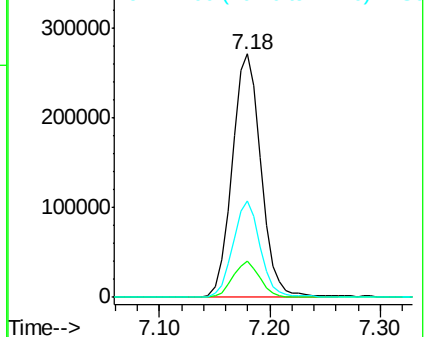
99 100

42 15.0 11.3 16.9

71 39.6 30.8 46.2



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: 20.00 ng

RT: 10.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG045463.D

Acq: 26 May 2020 18:55

Tgt Ion: 136 Resp: 328203

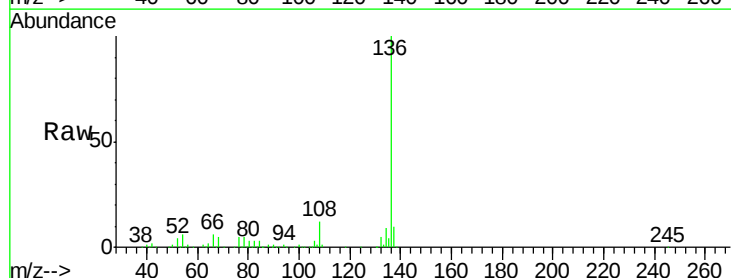
Ion Ratio Lower Upper

136 100

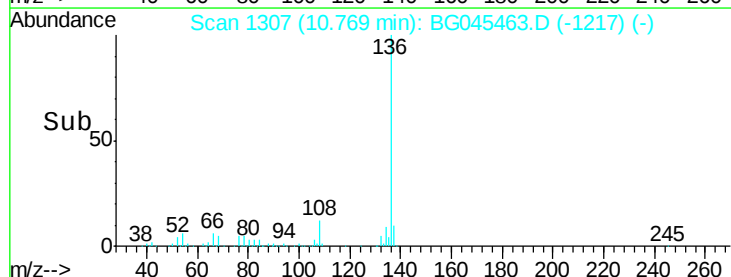
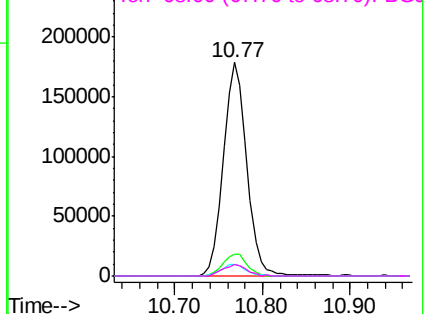
137 10.3 9.4 14.2

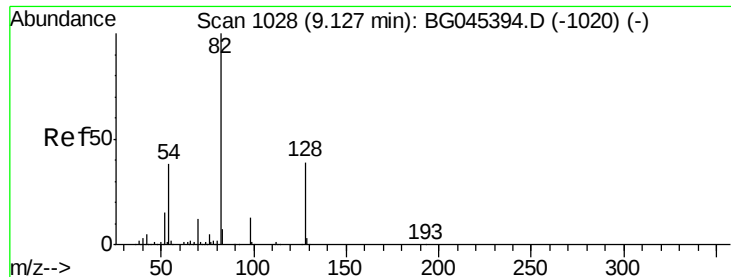
54 5.7 5.8 8.6#

68 5.2 4.5 6.7



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

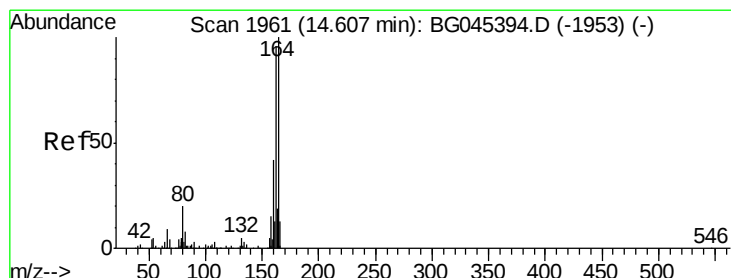
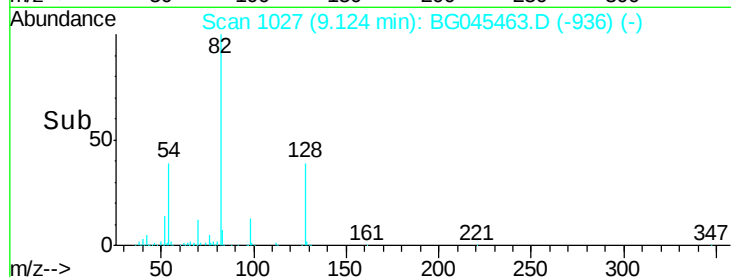
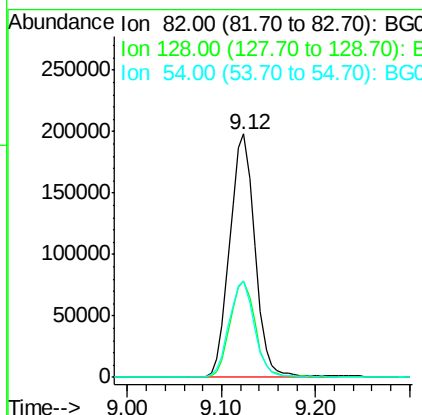
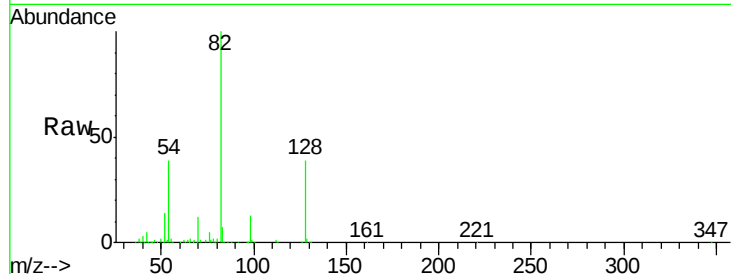




#23  
 Nitrobenzene-d5  
 Concen: 61.69 ng  
 RT: 9.12 min Scan# 1027  
 Delta R.T. 0.00 min  
 Lab File: BG045463.D  
 Acq: 26 May 2020 18:55

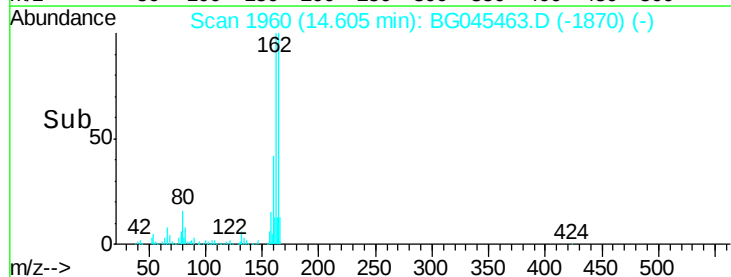
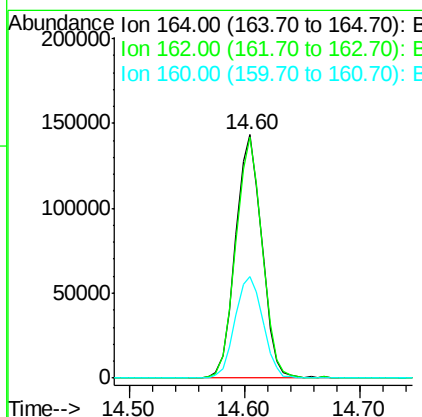
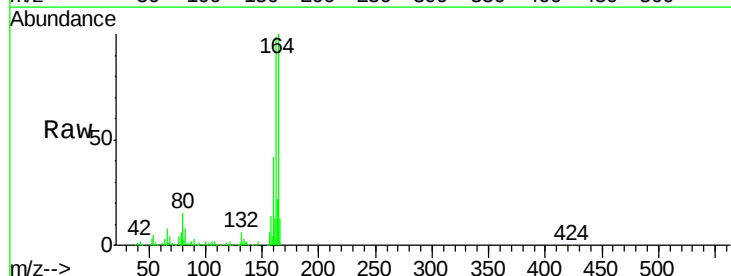
Instrument :  
 BNA\_G  
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 NM17-COMP-2020-0-6

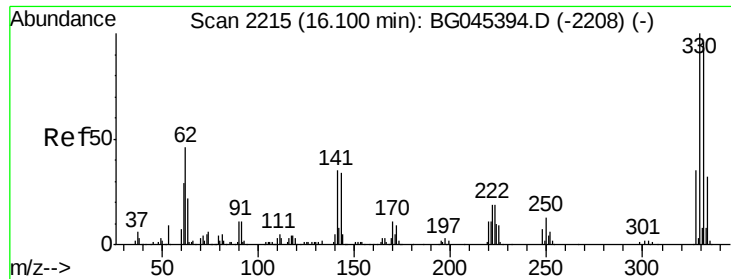
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 39.4  | 30.9  | 46.3  |
| 54      | 39.4  | 30.3  | 45.5  |



#39  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.60 min Scan# 1960  
 Delta R.T. -0.00 min  
 Lab File: BG045463.D  
 Acq: 26 May 2020 18:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 98.8  | 76.9  | 115.3 |
| 160     | 42.0  | 33.8  | 50.8  |

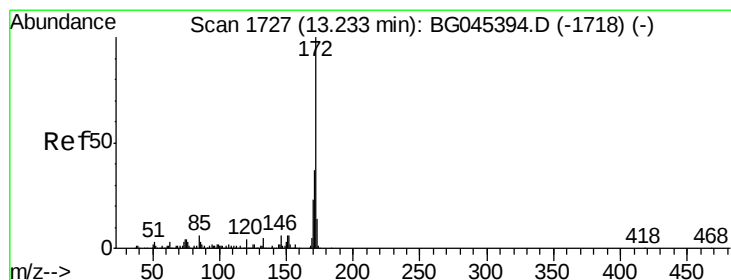
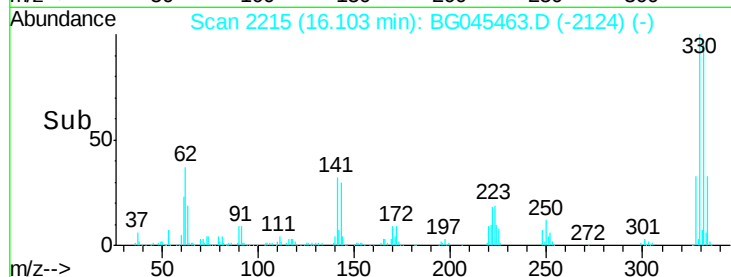
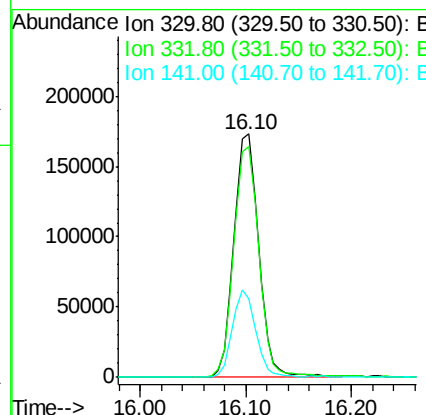
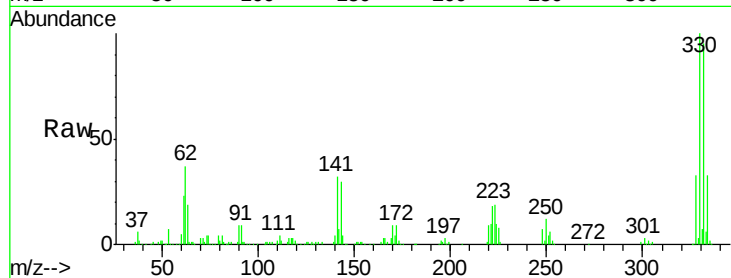




#42  
 2,4,6-Tribromophenol  
 Concen: 97.27 ng  
 RT: 16.10 min Scan# 2215  
 Delta R.T. 0.00 min  
 Lab File: BG045463.D  
 Acq: 26 May 2020 18:55

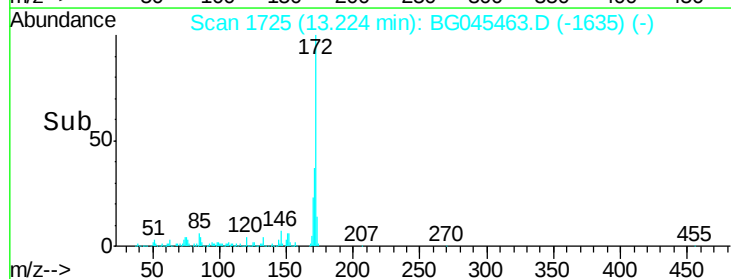
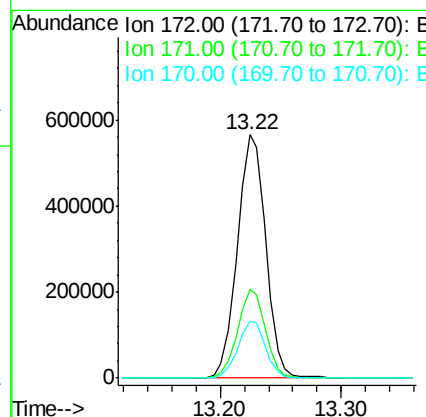
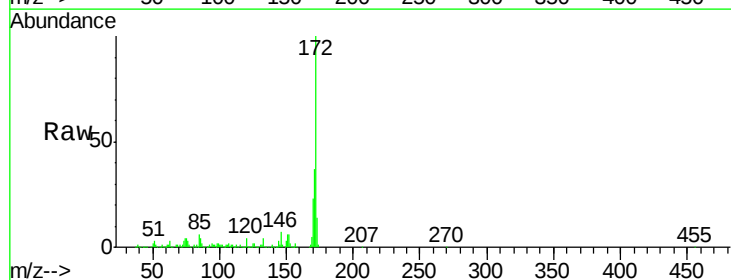
Instrument :  
 BNA\_G  
 ClientSampleId :  
 NM17-COMP-2020-0-6

Tgt Ion: 330 Resp: 281370  
 Ion Ratio Lower Upper  
 330 100  
 332 95.8 78.2 117.4  
 141 34.3 28.2 42.4



#45  
 2-Fluorobiphenyl  
 Concen: 69.45 ng  
 RT: 13.22 min Scan# 1725  
 Delta R.T. -0.00 min  
 Lab File: BG045463.D  
 Acq: 26 May 2020 18:55

Tgt Ion: 172 Resp: 926086  
 Ion Ratio Lower Upper  
 172 100  
 171 36.7 29.5 44.3  
 170 23.3 18.5 27.7





#50

Dimethylphthalate

Concen: 10.61 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045463.D

Acq: 26 May 2020 18:55

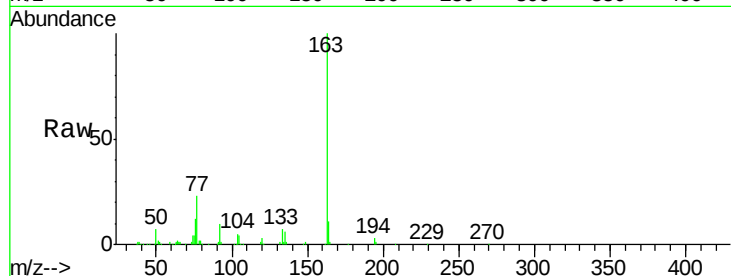
Instrument :

BNA\_G

ClientSampleId :

NM17-COMP-2020-0-6

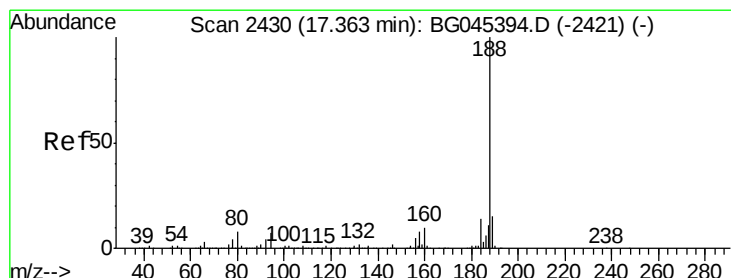
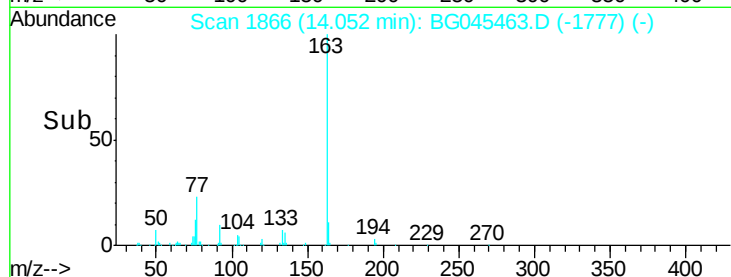
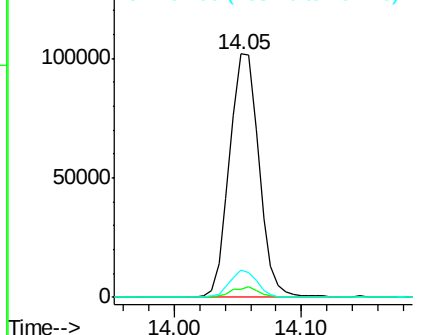
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 164659 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.3   | 3.2   | 4.8    |
| 164       | 11.2  | 8.3   | 12.5   |



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: 20.00 ng

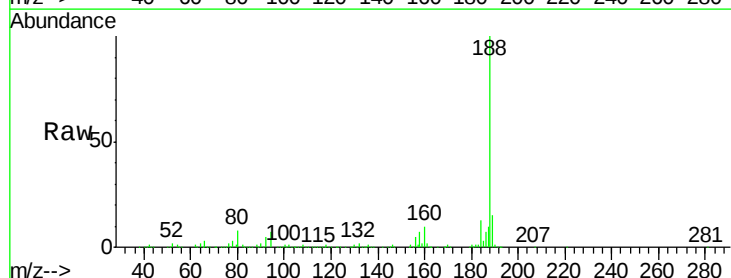
RT: 17.35 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG045463.D

Acq: 26 May 2020 18:55

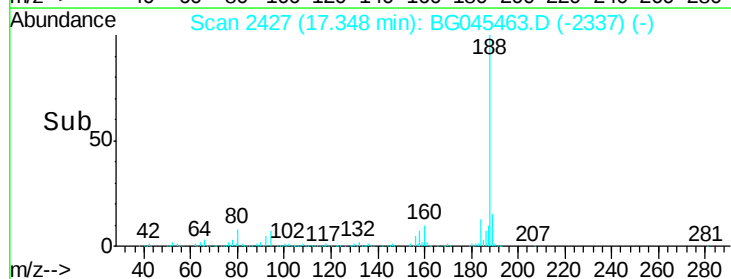
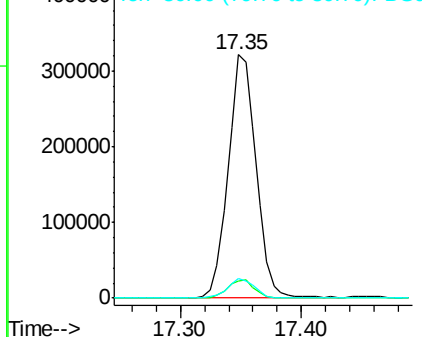
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 517627 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 7.2   | 5.5   | 8.3    |
| 80        | 7.8   | 6.6   | 10.0   |

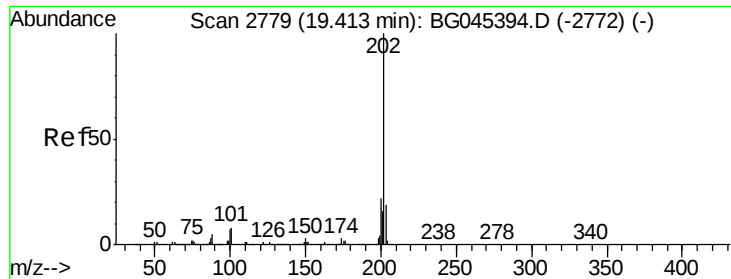


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

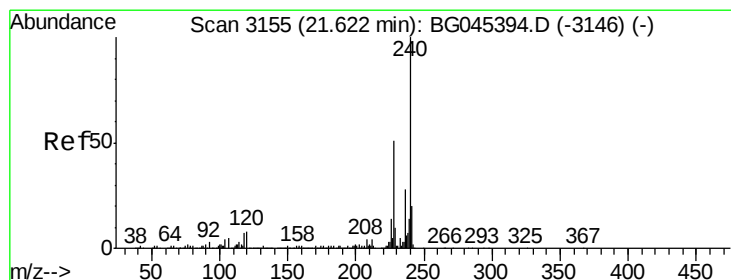
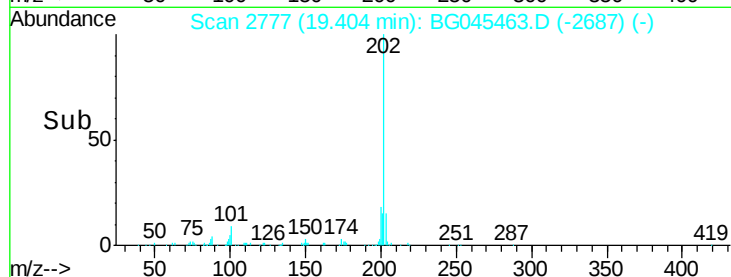
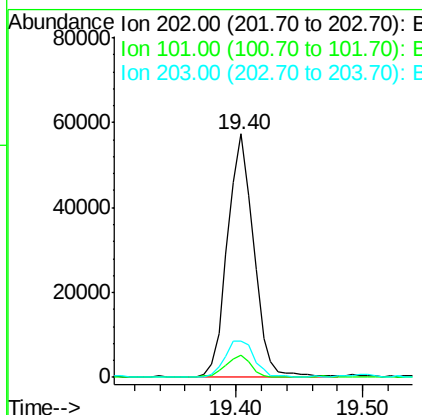
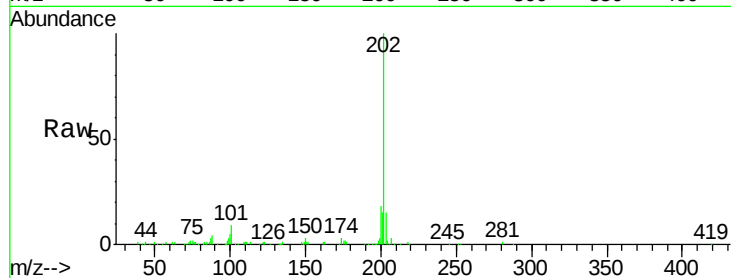




#75  
 Fluoranthene  
 Concen: 2.87 ng  
 RT: 19.40 min Scan# 2777  
 Delta R.T. -0.00 min  
 Lab File: BG045463.D  
 Acq: 26 May 2020 18:55

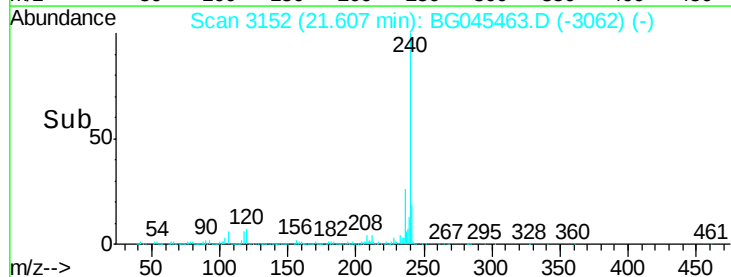
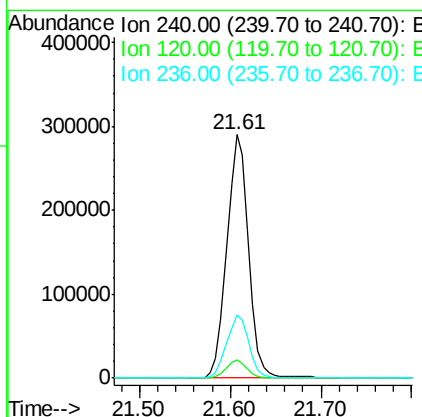
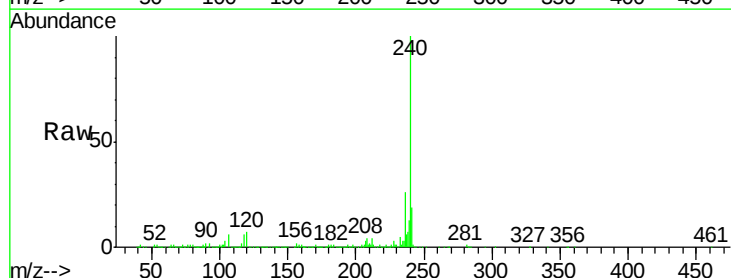
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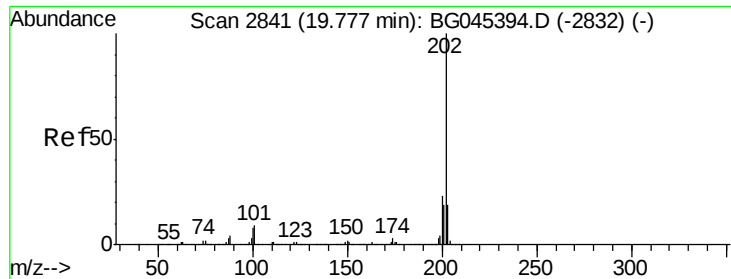
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 82466 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 9.0   | 0.0   | 28.3  |
| 203      | 14.8  | 0.0   | 39.0  |



#76  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 21.61 min Scan# 3152  
 Delta R.T. -0.00 min  
 Lab File: BG045463.D  
 Acq: 26 May 2020 18:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 482116 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 7.4   | 6.1   | 9.1    |
| 236      | 25.9  | 22.3  | 33.5   |





#78

Pyrene

Concen: 2.69 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG045463.D

Acq: 26 May 2020 18:55

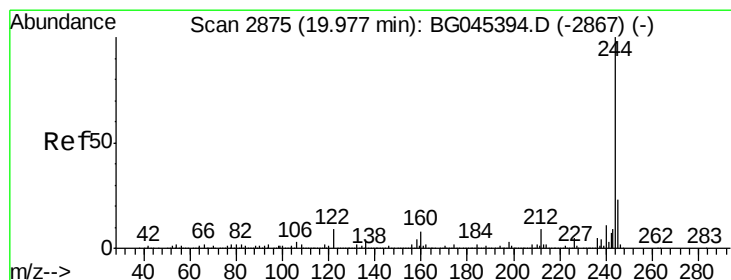
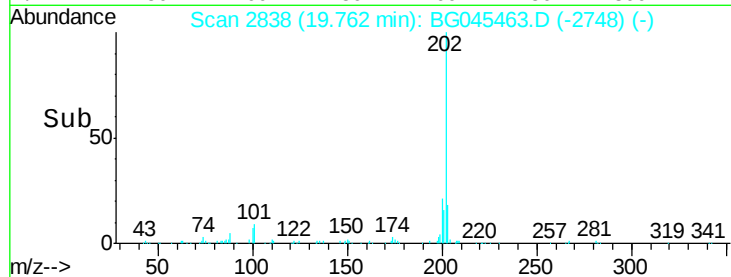
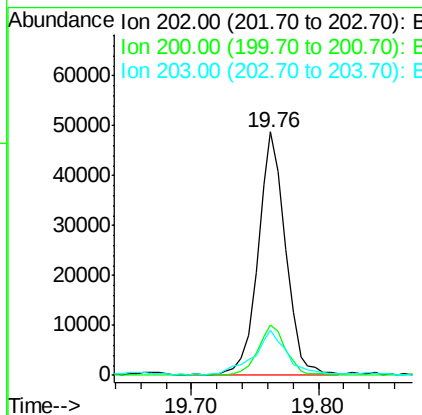
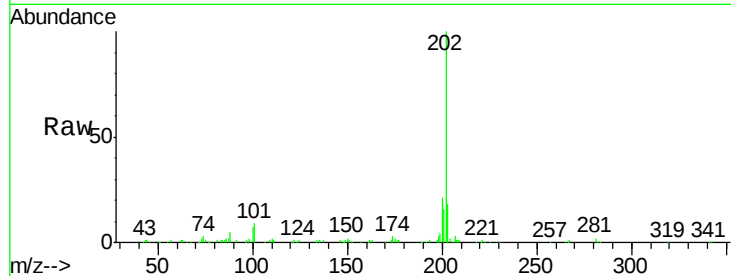
Instrument :

BNA\_G

ClientSampleId :

NM17-COMP-2020-0-6

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 73825 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 200      | 20.5  | 18.2  | 27.2  |
| 203      | 18.5  | 15.1  | 22.7  |



#79

Terphenyl-d14

Concen: 71.78 ng

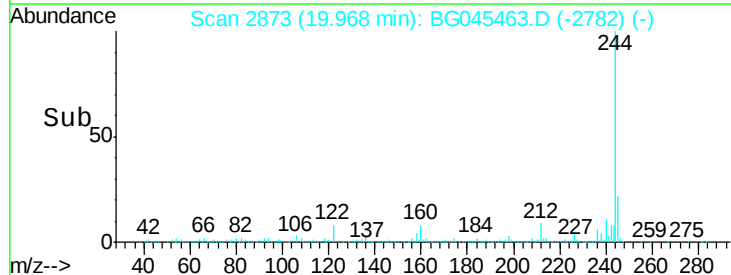
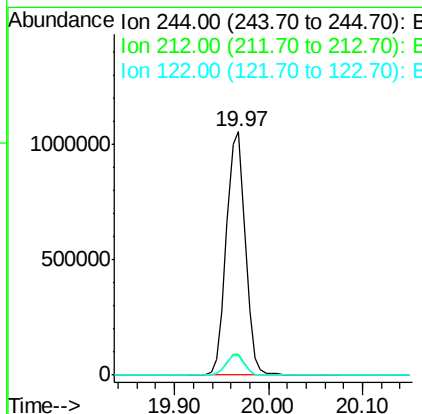
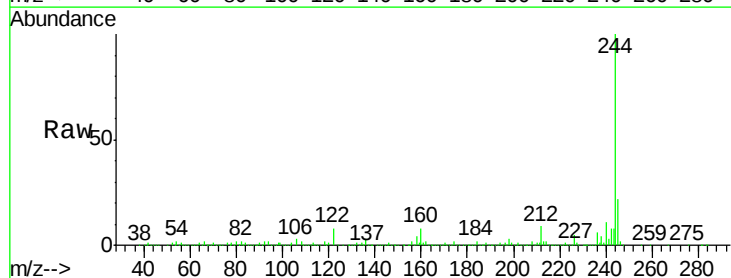
RT: 19.97 min Scan# 2873

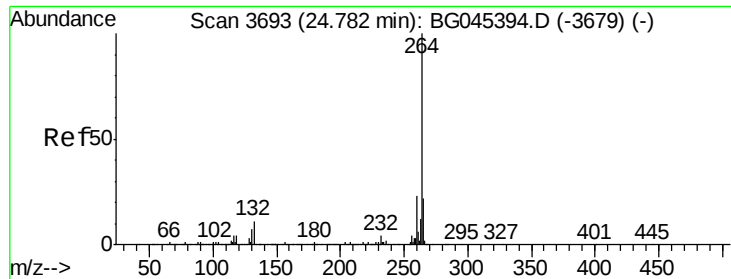
Delta R.T. 0.00 min

Lab File: BG045463.D

Acq: 26 May 2020 18:55

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 244   | Resp: | 1483869 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 8.5   | 7.4   | 11.0    |
| 122      | 7.8   | 6.8   | 10.2    |





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.76 min Scan# 3688

Delta R.T. -0.00 min

Lab File: BG045463.D

Acq: 26 May 2020 18:55

Instrument :

BNA\_G

ClientSampleId :

NM17-COMP-2020-0-6

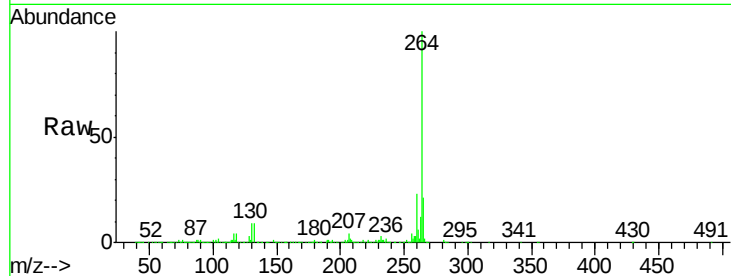
Tgt Ion:264 Resp: 529113

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

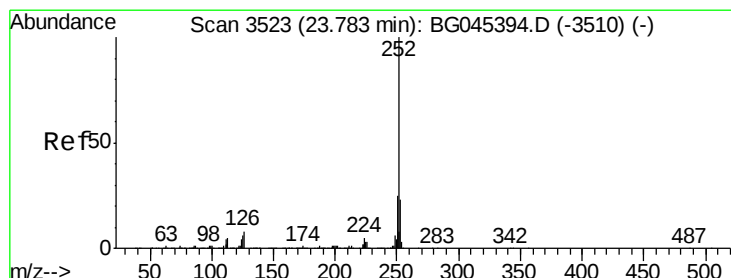
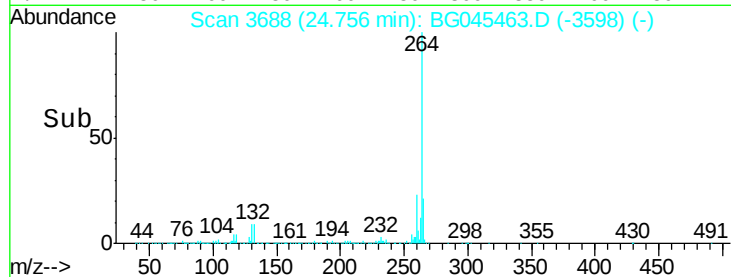
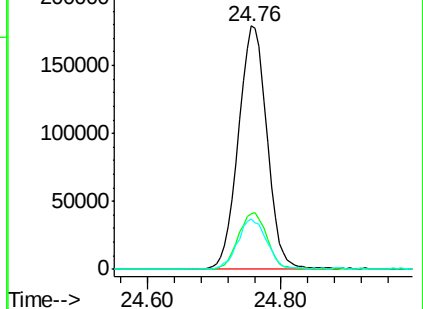
265 20.8 17.6 26.4



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



#88

Benzo(b)fluoranthene

Concen: 2.15 ng

RT: 23.76 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG045463.D

Acq: 26 May 2020 18:55

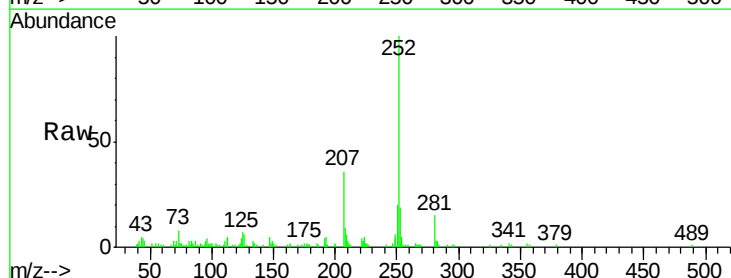
Tgt Ion:252 Resp: 61097

Ion Ratio Lower Upper

252 100

253 19.2 18.1 27.1

125 6.8 5.0 7.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

