

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040820\  
 Data File : BG044975.D  
 Acq On : 8 Apr 2020 13:59  
 Operator : CG/JU  
 Sample : L2129-11DL 5X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-7DL

Manual Integrations  
 APPROVED

mohammad  
 4/10/2020 7:55:59 AM

Quant Time: Apr 08 14:42:06 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 08 13:01:06 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.04  | 152  | 99882    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.84 | 136  | 407552   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.67 | 164  | 280080   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.42 | 188  | 547314   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.69 | 240  | 452592   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 24.90 | 264  | 503494   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.61  | 112  | 203350   | 31.69  | ng    | 0.00     |
| 7) Phenol-d6                | 7.20  | 99   | 305353   | 32.75  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.19  | 82   | 199545   | 21.49  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.16 | 330  | 118172   | 32.22  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.29 | 172  | 456373   | 23.33  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.03 | 244  | 512710   | 21.19  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 50) Dimethylphthalate       | 14.12 | 163  | 53673    | 2.406  | ng    | 99       |
| 52) Acenaphthene            | 14.73 | 154  | 81098    | 4.623  | ng    | 100      |
| 55) Dibenzofuran            | 15.07 | 168  | 116127   | 4.565  | ng    | # 95     |
| 58) Fluorene                | 15.72 | 166  | 97302    | 4.650  | ng    | 96       |
| 71) Phenanthrene            | 17.46 | 178  | 1602309  | 54.784 | ng    | 98       |
| 72) Anthracene              | 17.55 | 178  | 311329   | 10.795 | ng    | 97       |
| 73) Carbazole               | 17.81 | 167  | 179990   | 6.497  | ng    | 98       |
| 75) Fluoranthene            | 19.47 | 202  | 1651834  | 47.434 | ng    | 98       |
| 78) Pyrene                  | 19.83 | 202  | 1381084  | 41.592 | ng    | 98       |
| 81) Benzo(a)anthracene      | 21.67 | 228  | 820980   | 25.191 | ng    | 99       |
| 83) Chrysene                | 21.74 | 228  | 779800   | 25.049 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene  | 28.53 | 276  | 354643   | 8.689  | ng    | # 96     |
| 88) Benzo(b)fluoranthene    | 23.89 | 252  | 870710   | 26.195 | ng    | 99       |
| 89) Benzo(k)fluoranthene    | 23.94 | 252  | 310696m  | 9.877  | ng    |          |
| 90) Benzo(a)pyrene          | 24.74 | 252  | 600342   | 19.302 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene  | 28.57 | 278  | 124013m  | 4.042  | ng    |          |
| 92) Benzo(a,h,i)perylene    | 29.67 | 276  | 308952   | 9.966  | ng    | 96       |

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

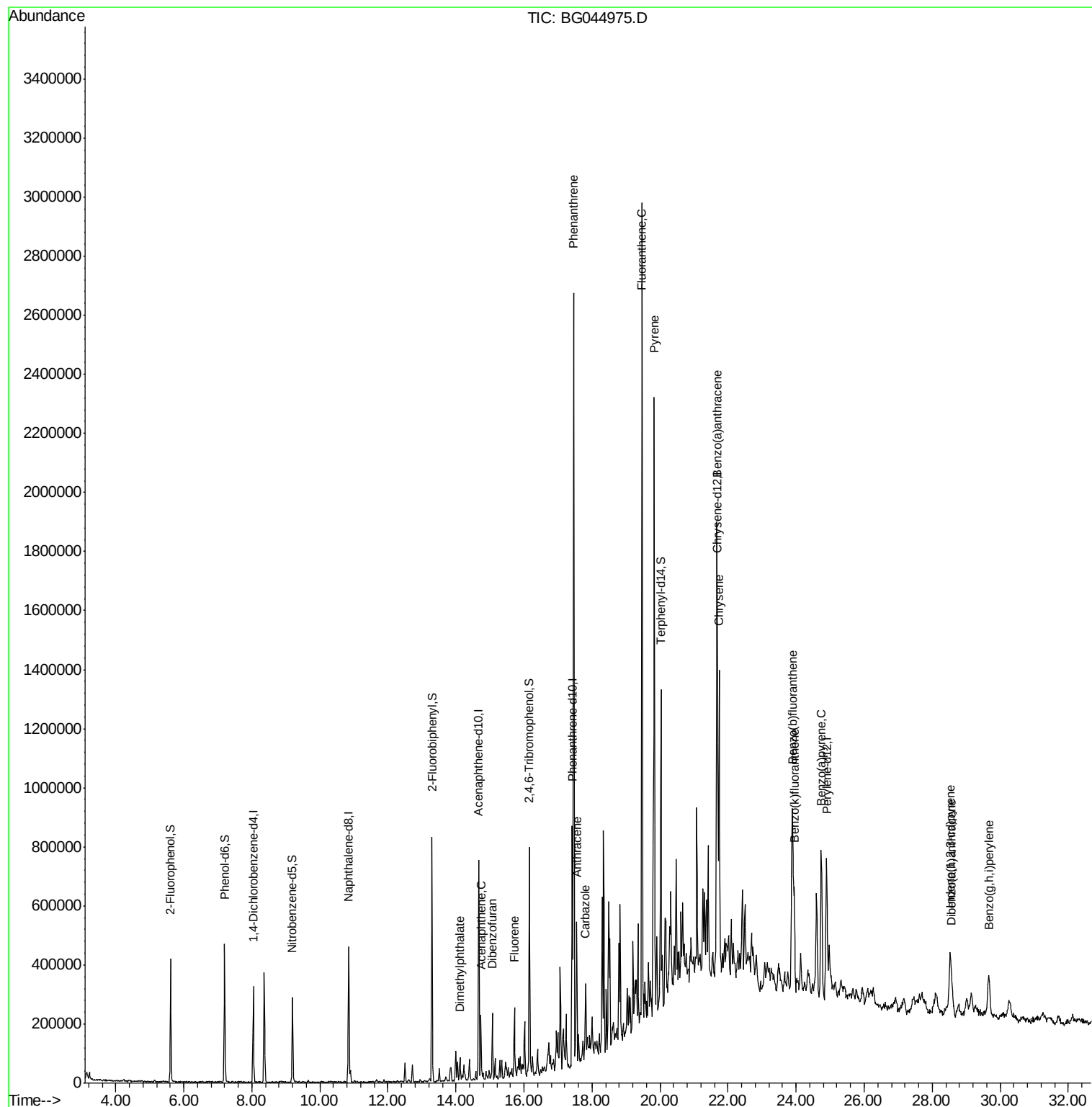
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040820\  
Data File : BG044975.D  
Acq On : 8 Apr 2020 13:59  
Operator : CG/JU  
Sample : L2129-11DL 5X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

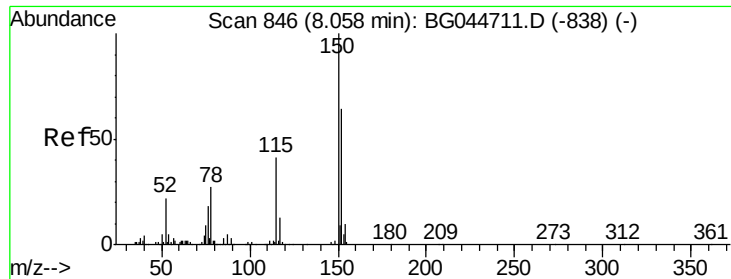
Instrument :  
BNA\_G  
ClientSampleId :  
TP-7DL

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4/10/2020 7:55:59 AM

Quant Time: Apr 08 14:42:06 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 08 13:01:06 2020  
Response via : Initial Calibration





#1

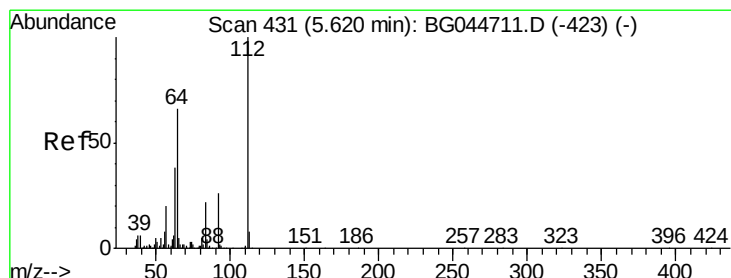
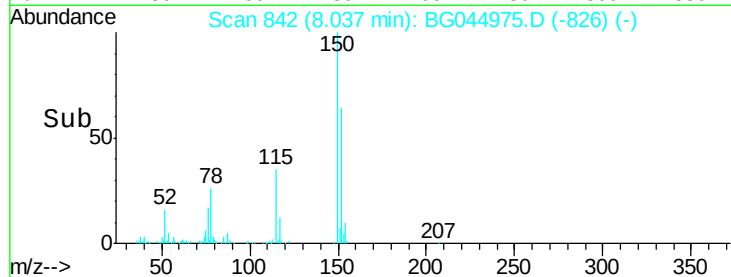
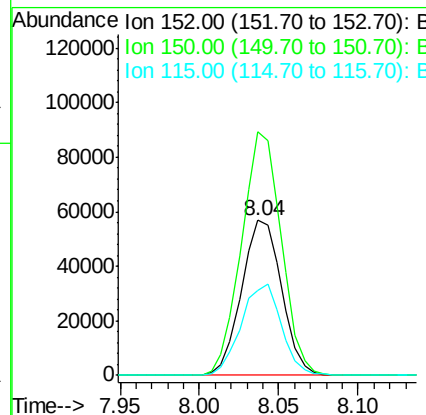
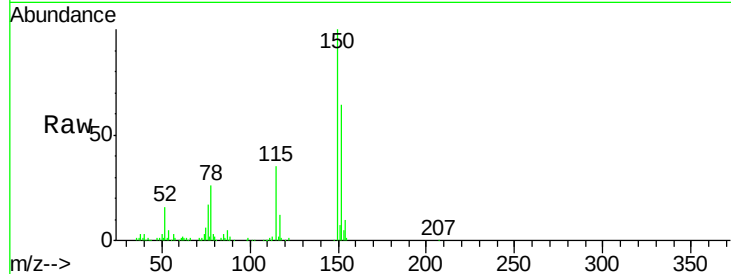
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.04 min Scan# 842  
Delta R.T. -0.01 min  
Lab File: BG044975.D  
Acq: 8 Apr 2020 13:59

Instrument :  
BNA\_G  
ClientSampleId :  
TP-7DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.1 | 128.8 | 193.2 |
| 115     | 54.5  | 52.6  | 79.0  |

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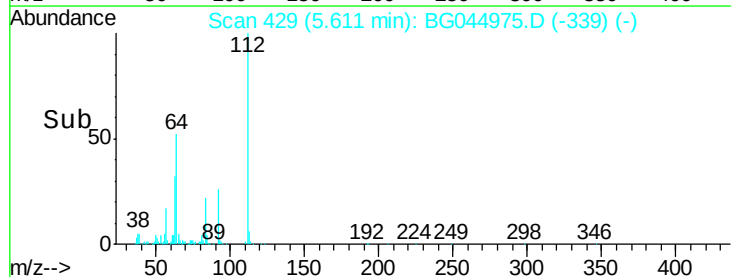
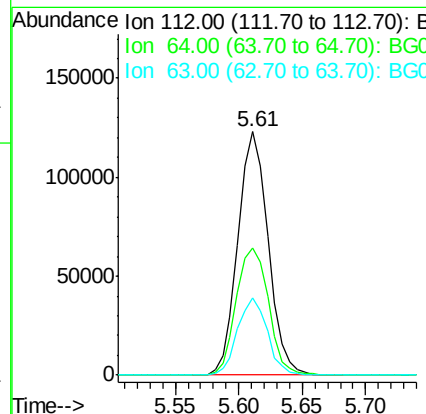
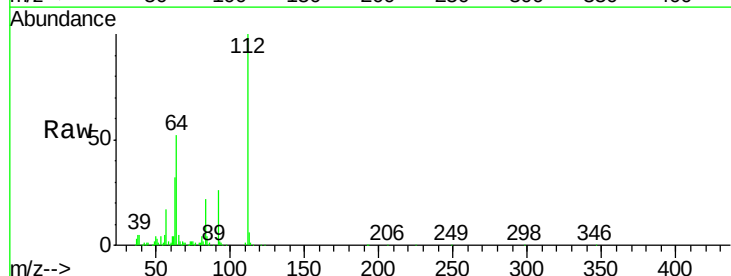
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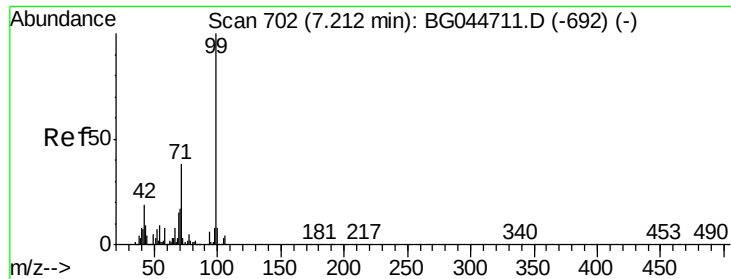


#5

2-Fluorophenol  
Concen: 31.693 ng  
RT: 5.61 min Scan# 429  
Delta R.T. -0.00 min  
Lab File: BG044975.D  
Acq: 8 Apr 2020 13:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 52.4  | 53.4  | 80.2# |
| 63      | 31.5  | 29.4  | 44.2  |





#7

Phenol-d6

Concen: 32.755 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG044975.D

Acq: 8 Apr 2020 13:59

Instrument :

BNA\_G

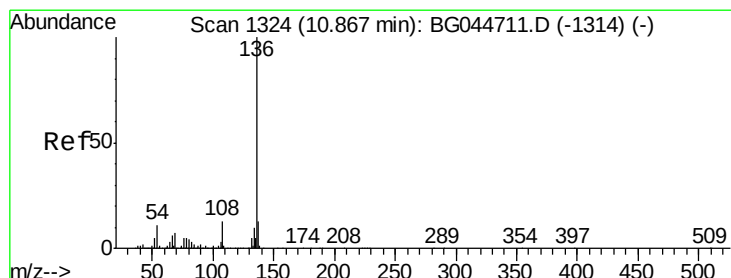
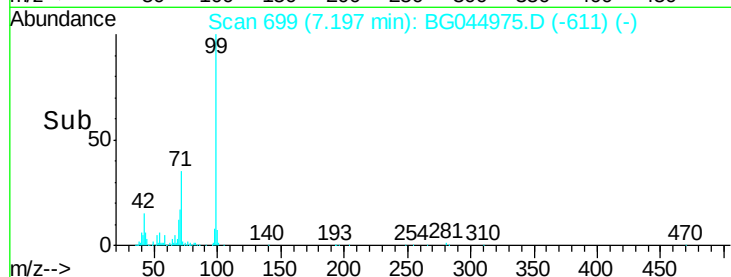
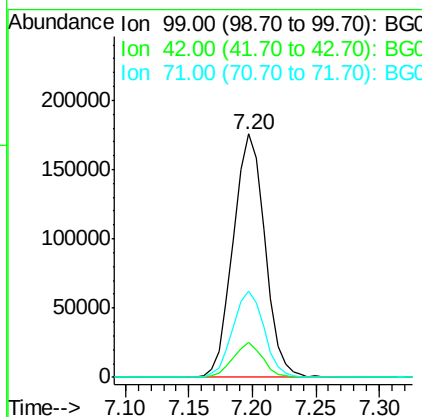
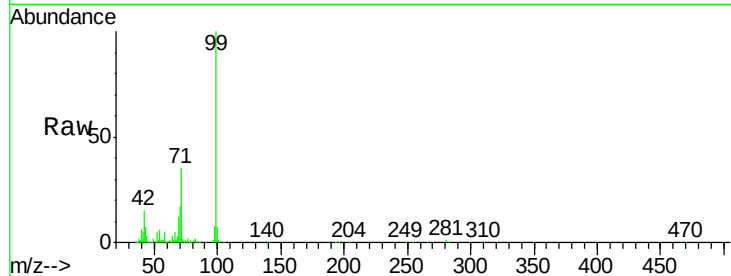
ClientSampleId :

TP-7DL

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 305353 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 14.6  | 12.6  | 19.0   |
| 71        | 35.5  | 29.0  | 43.4   |

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#21

Naphthalene-d8

Concen: 20.000 ng

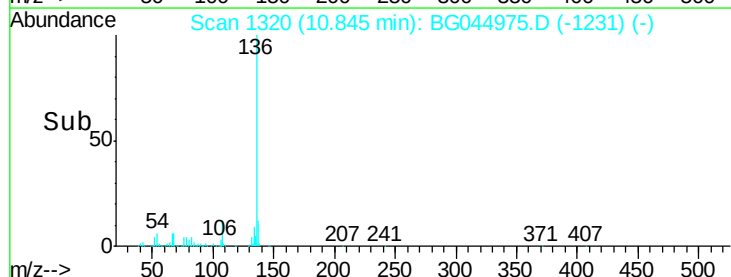
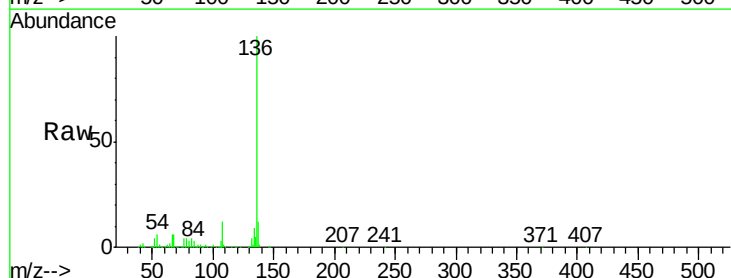
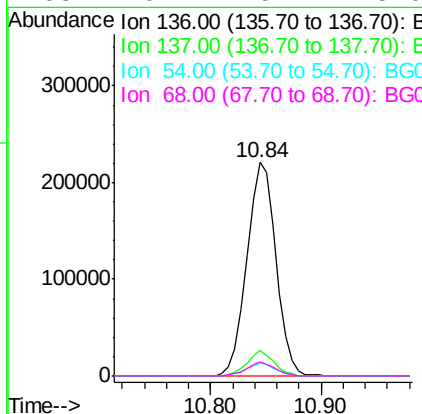
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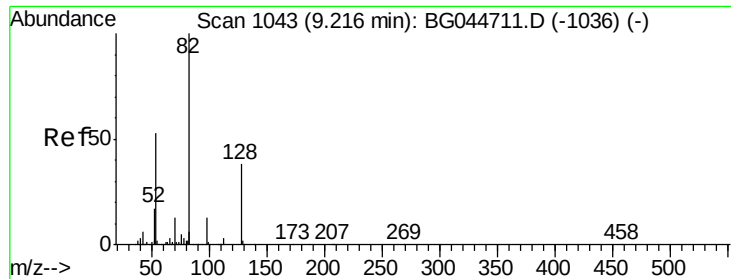
Delta R.T. -0.01 min

Lab File: BG044975.D

Acq: 8 Apr 2020 13:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 407552 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.7  | 9.8   | 14.6   |
| 54        | 6.3   | 7.9   | 11.9   |
| 68        | 6.4   | 5.4   | 8.0    |





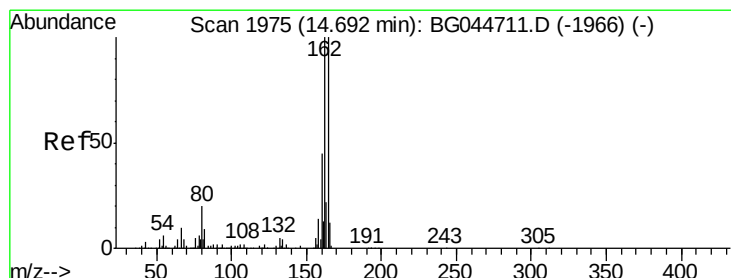
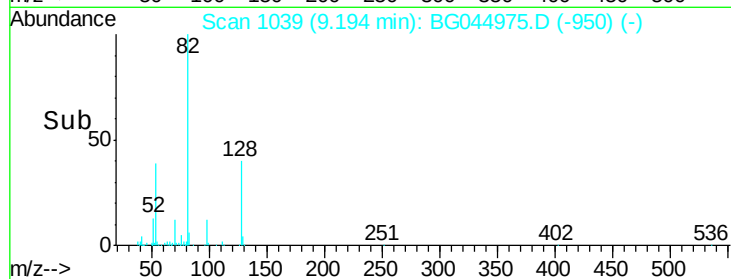
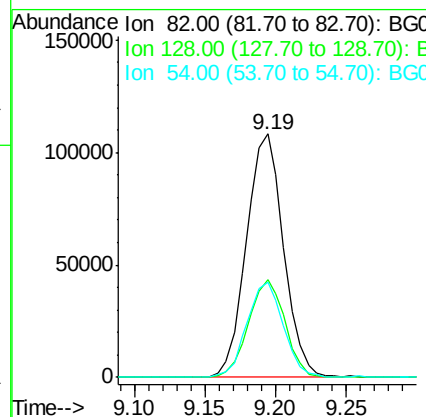
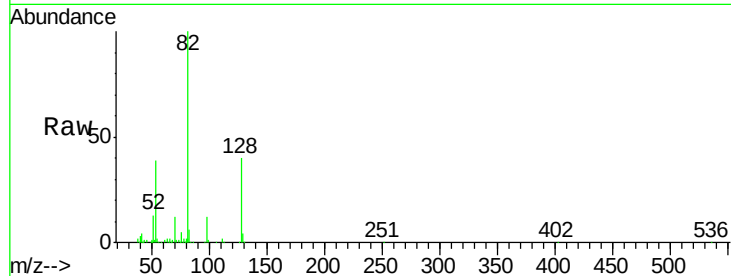
#23  
 Nitrobenzene-d5  
 Concen: 21.485 ng  
 RT: 9.19 min Scan# 1039  
 Delta R.T. -0.01 min  
 Lab File: BG044975.D  
 Acq: 8 Apr 2020 13:59

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-7DL

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 199545 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 39.9  | 30.6  | 46.0   |
| 54        | 39.2  | 37.1  | 55.7   |

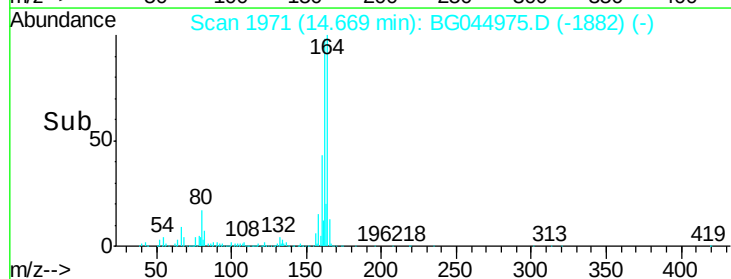
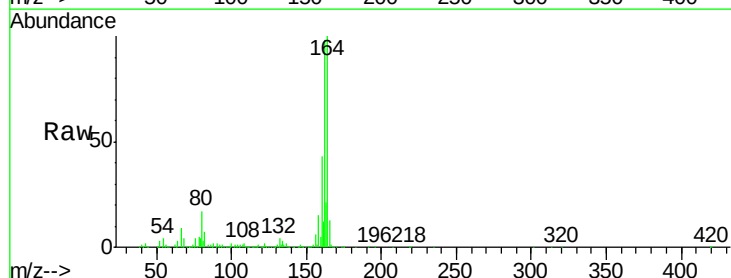
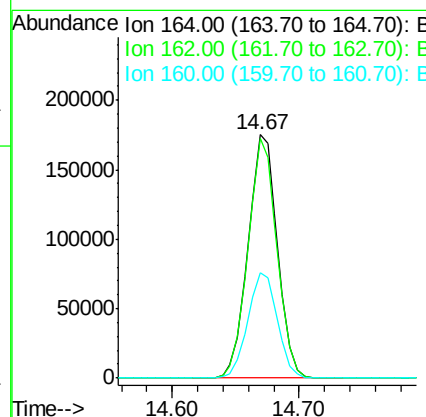
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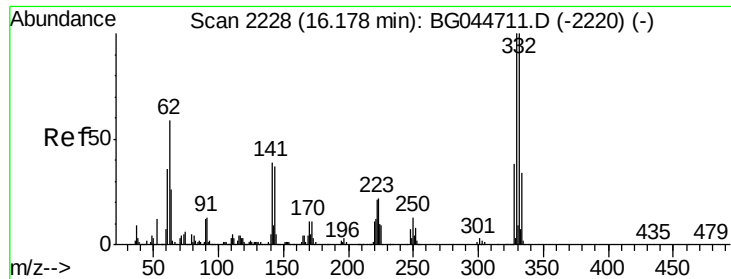
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#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.67 min Scan# 1971  
 Delta R.T. -0.01 min  
 Lab File: BG044975.D  
 Acq: 8 Apr 2020 13:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 280080 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 98.2  | 76.7  | 115.1  |
| 160       | 43.3  | 35.0  | 52.4   |





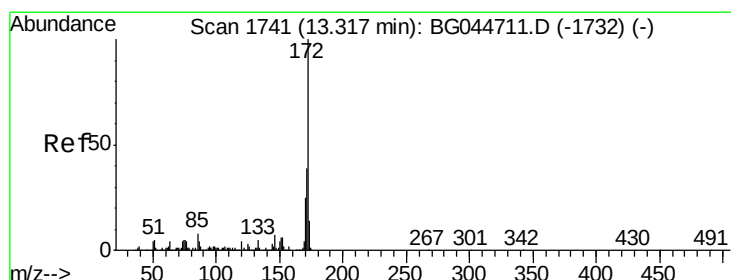
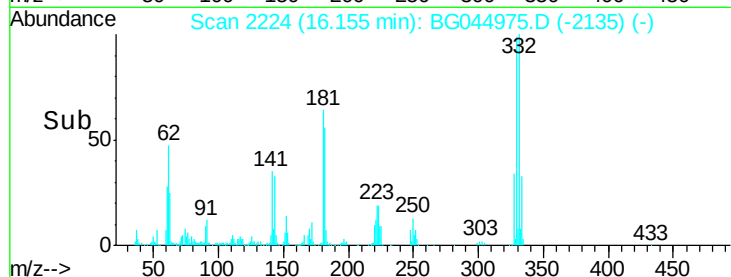
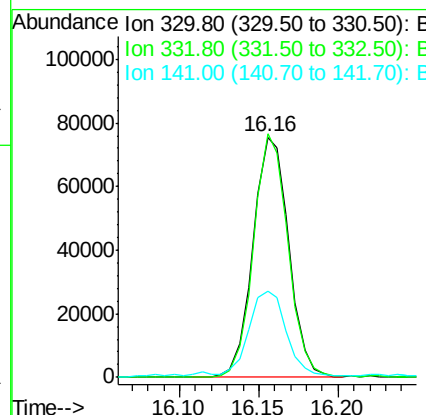
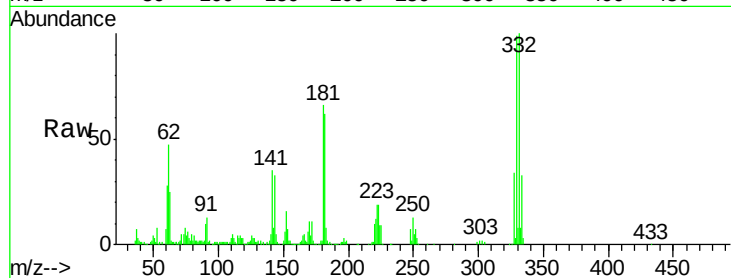
#42  
 2,4,6-Tribromophenol  
 Concen: 32.224 ng  
 RT: 16.16 min Scan# 2224  
 Delta R.T. -0.01 min  
 Lab File: BG044975.D  
 Acq: 8 Apr 2020 13:59

Instrument :  
 BNA\_G  
 ClientSampled :  
 TP-7DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.6  | 77.8  | 116.6 |
| 141     | 36.7  | 29.5  | 44.3  |

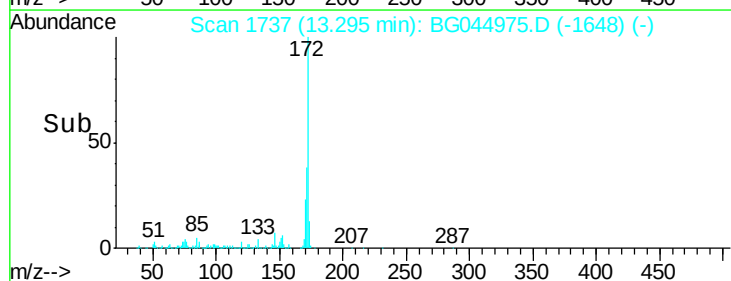
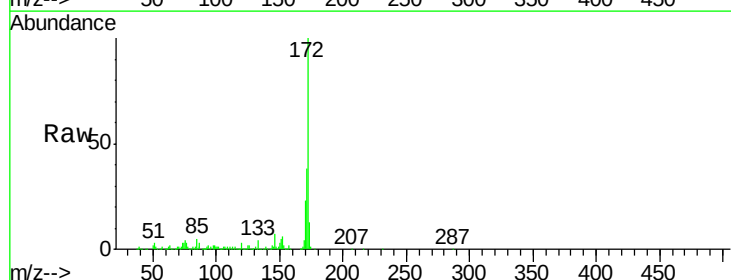
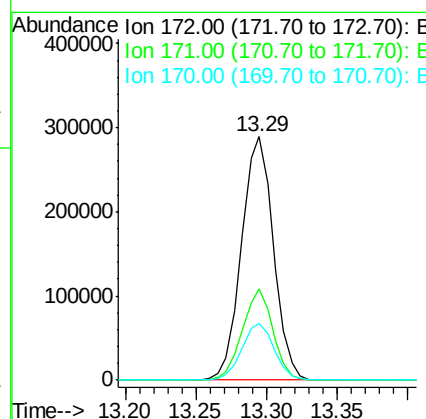
Manual Integrations  
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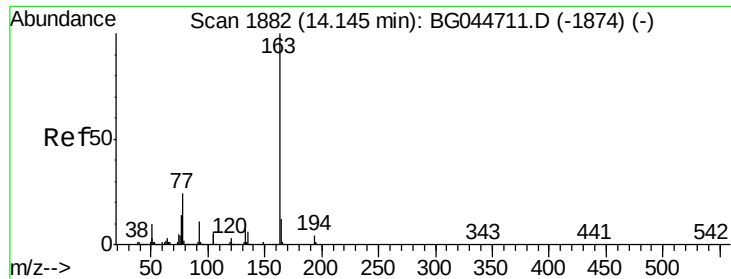
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#45  
 2-Fluorobiphenyl  
 Concen: 23.334 ng  
 RT: 13.29 min Scan# 1737  
 Delta R.T. -0.01 min  
 Lab File: BG044975.D  
 Acq: 8 Apr 2020 13:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.6  | 28.7  | 43.1  |
| 170     | 23.3  | 19.0  | 28.6  |





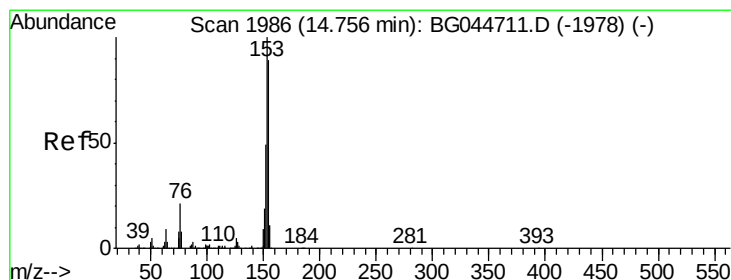
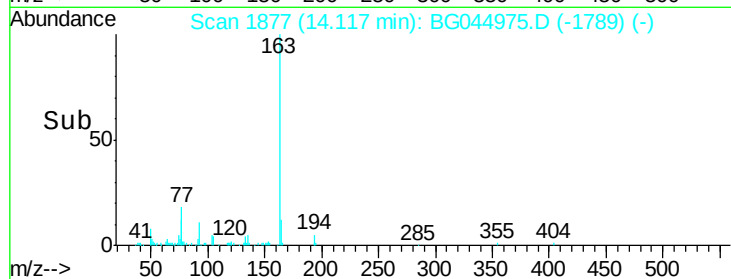
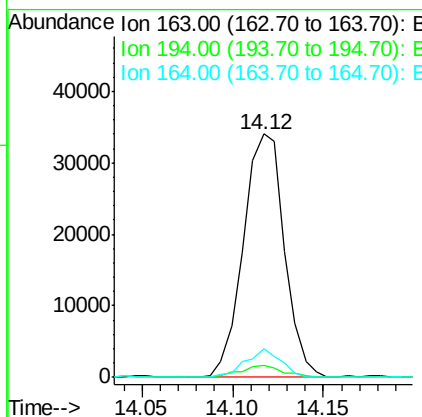
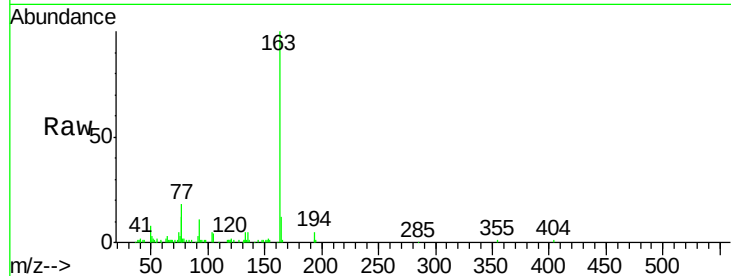
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Dimethylphthalate  
Concen: 2.406 ng  
RT: 14.12 min Scan# 1877  
Delta R.T. -0.01 min  
Lab File: BG044975.D  
Acq: 8 Apr 2020 13:59

Instrument :  
BNA\_G  
ClientSampleId :  
TP-7DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.9   | 3.7   | 5.5   |
| 164     | 11.6  | 9.1   | 13.7  |

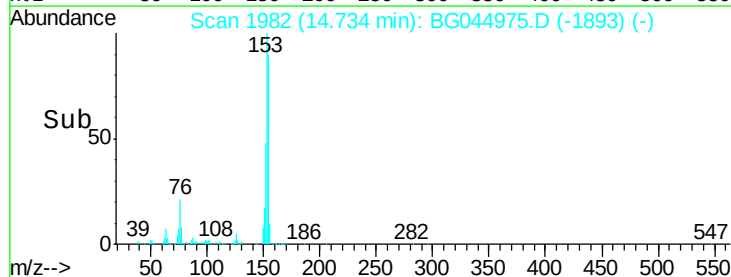
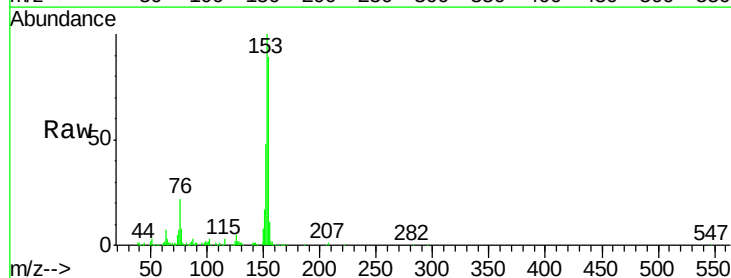
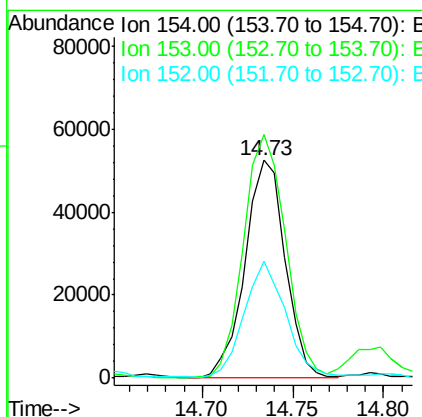
Manual Integrations  
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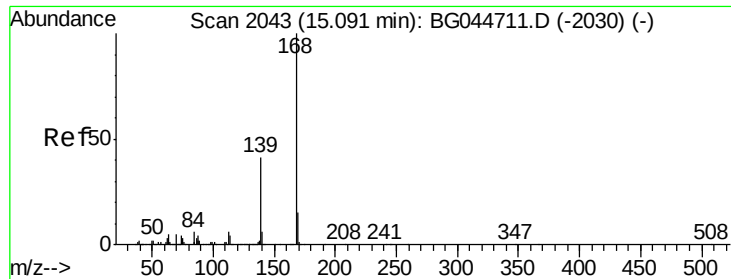
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#52  
Acenaphthene  
Concen: 4.623 ng  
RT: 14.73 min Scan# 1982  
Delta R.T. -0.01 min  
Lab File: BG044975.D  
Acq: 8 Apr 2020 13:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.8 | 89.0  | 133.6 |
| 152     | 53.5  | 43.0  | 64.6  |





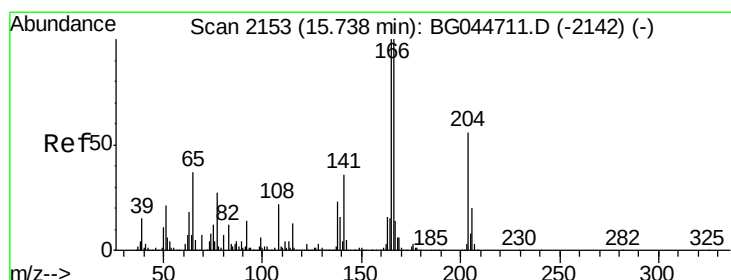
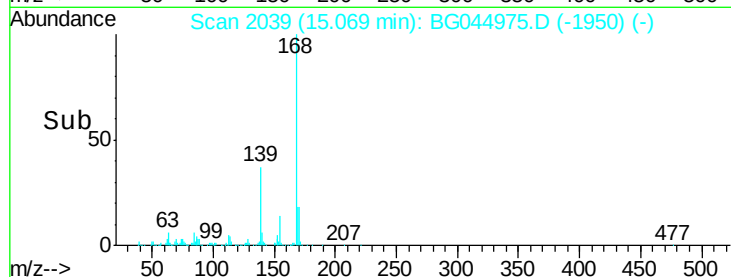
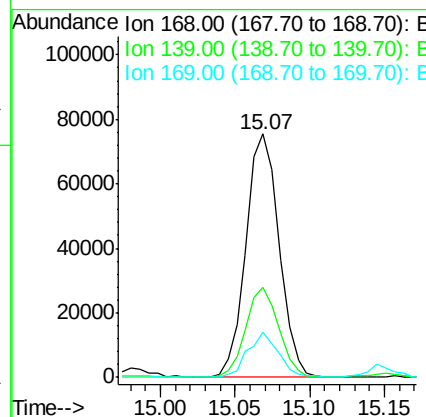
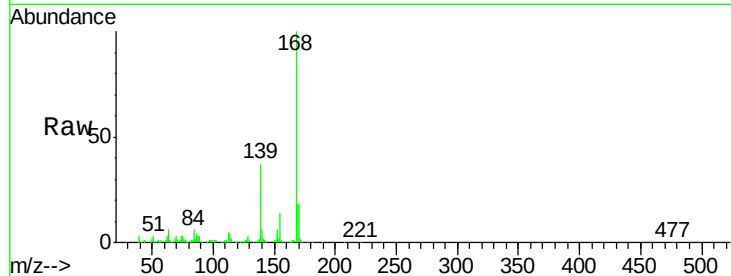
#55  
Dibenzofuran  
Concen: 4.565 ng  
RT: 15.07 min Scan# 2039  
Delta R.T. -0.01 min  
Lab File: BG044975.D  
Acq: 8 Apr 2020 13:59

Instrument :  
BNA\_G  
ClientSampleId :  
TP-7DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.1  | 31.4  | 47.0  |
| 169     | 18.4  | 11.1  | 16.7  |

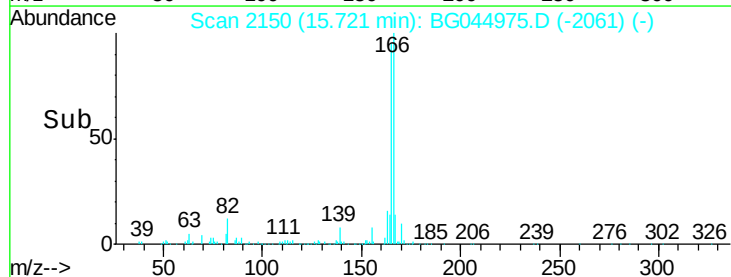
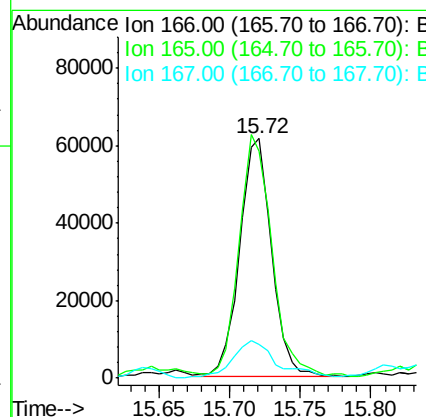
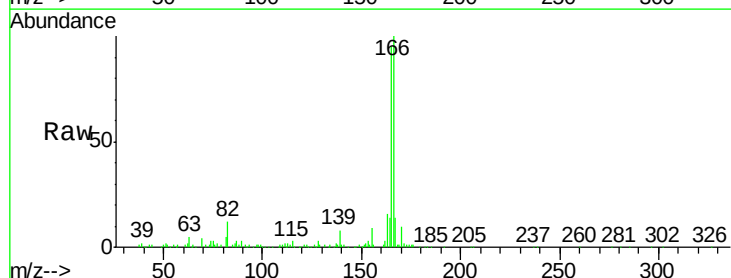
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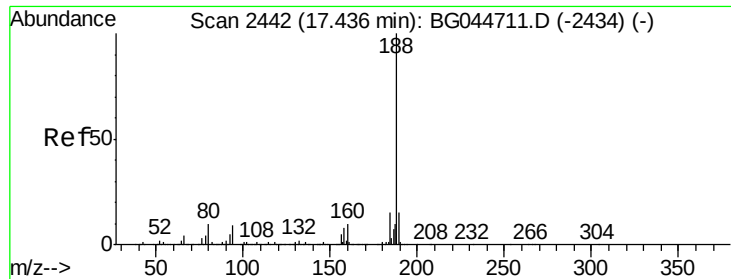


#58  
Fluorene  
Concen: 4.650 ng  
RT: 15.72 min Scan# 2150  
Delta R.T. -0.01 min  
Lab File: BG044975.D  
Acq: 8 Apr 2020 13:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 95.1  | 79.7  | 119.5 |
| 167     | 14.1  | 10.6  | 16.0  |







#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG044975.D

Acq: 8 Apr 2020 13:59

Instrument :

BNA\_G

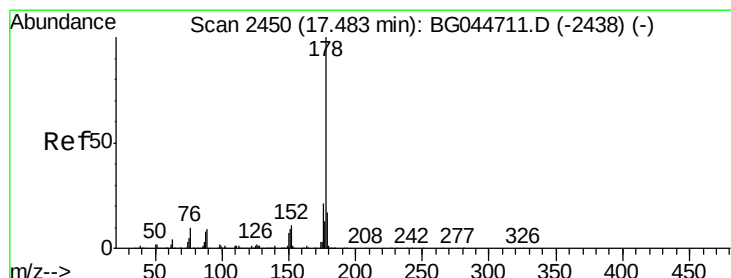
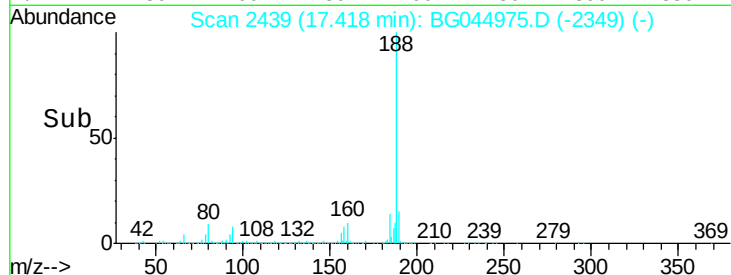
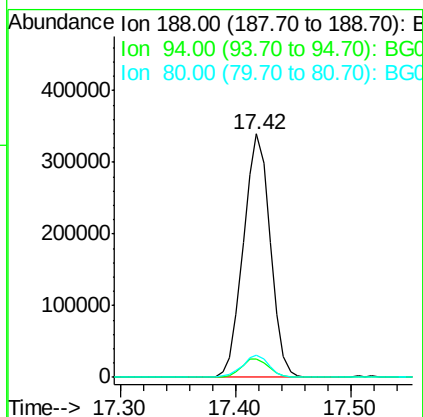
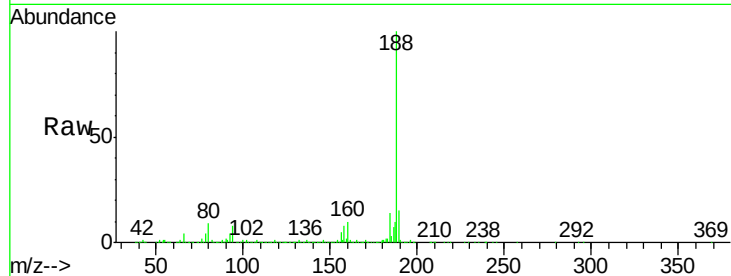
ClientSampleId :

TP-7DL

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 547314 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 7.8   | 7.3   | 10.9   |
| 80        | 8.9   | 8.0   | 12.0   |

Manual Integrations  
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#71

Phenanthrene

Concen: 54.784 ng

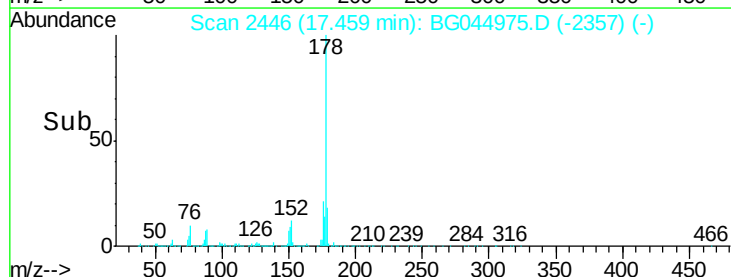
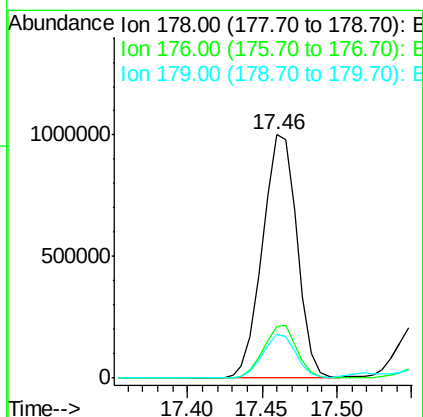
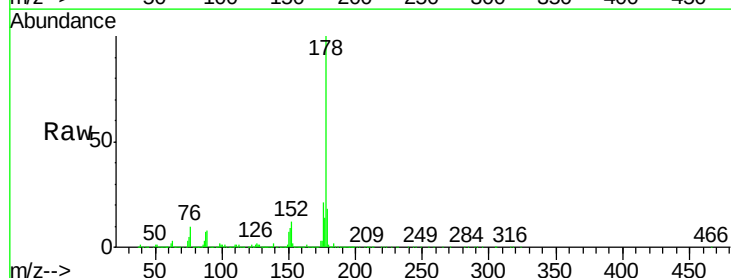
RT: 17.46 min Scan# 2446

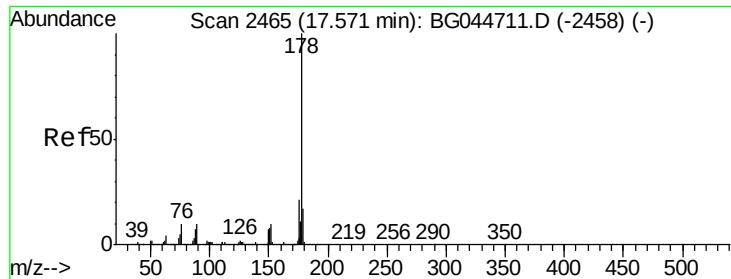
Delta R.T. -0.01 min

Lab File: BG044975.D

Acq: 8 Apr 2020 13:59

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 178   | Resp: | 1602309 |
| Ion Ratio | Lower | Upper |         |
| 178       | 100   |       |         |
| 176       | 21.4  | 16.6  | 24.8    |
| 179       | 18.0  | 13.5  | 20.3    |





#72

Anthracene

Concen: 10.795 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG044975.D

Acq: 8 Apr 2020 13:59

Instrument :

BNA\_G

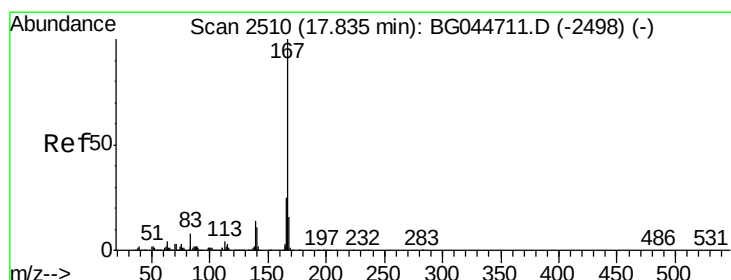
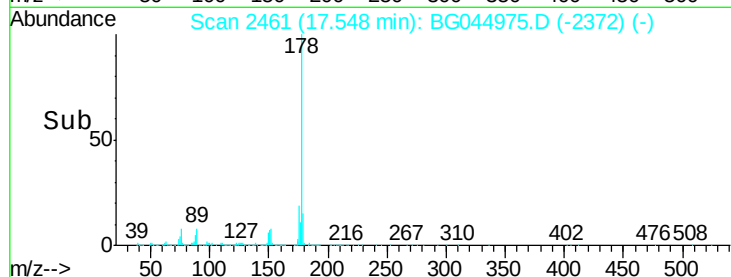
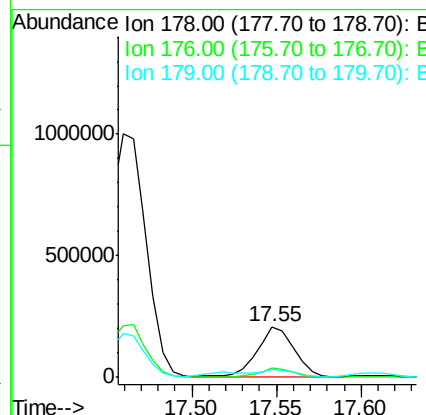
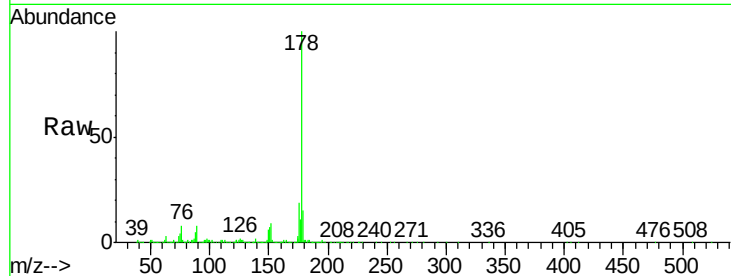
ClientSampled :

TP-7DL

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 178   | Resp: | 311329 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 18.6  | 15.9  | 23.9   |
| 179       | 15.2  | 13.2  | 19.8   |

Manual Integrations  
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#73

Carbazole

Concen: 6.497 ng

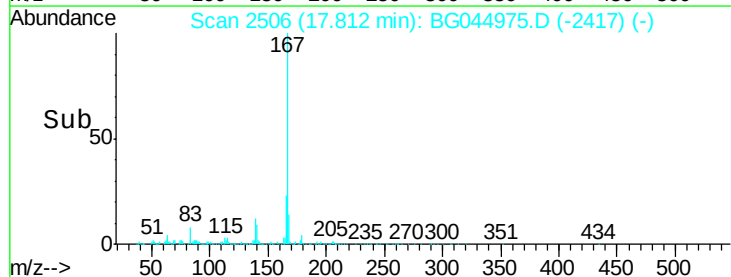
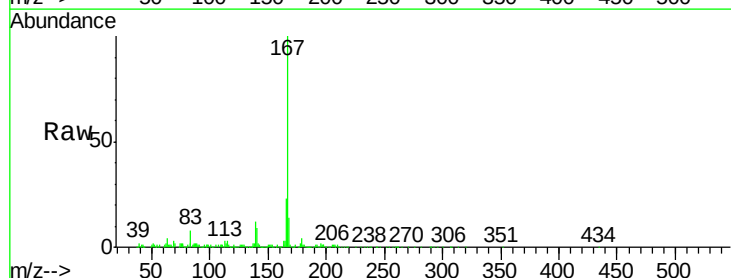
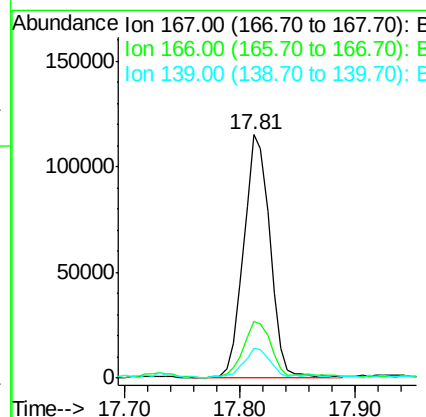
RT: 17.81 min Scan# 2506

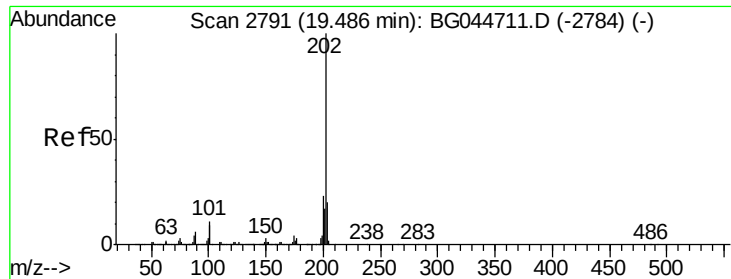
Delta R.T. -0.01 min

Lab File: BG044975.D

Acq: 8 Apr 2020 13:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 179990 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 23.2  | 18.8  | 28.2   |
| 139       | 12.3  | 10.8  | 16.2   |





#75

Fluoranthene

Concen: 47.434 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG044975.D

Acq: 8 Apr 2020 13:59

Instrument :

BNA\_G

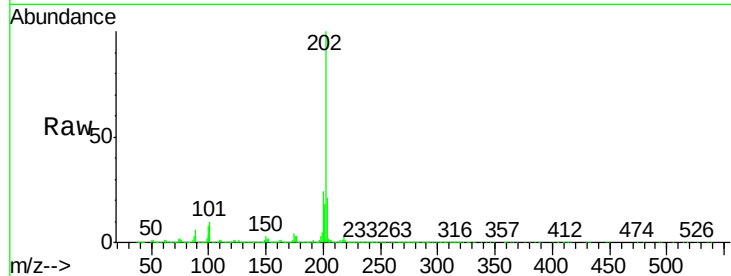
ClientSampleId :

TP-7DL

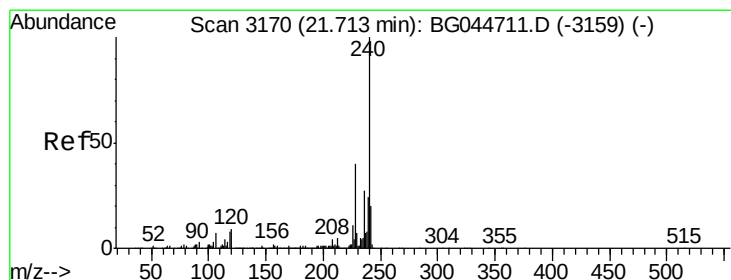
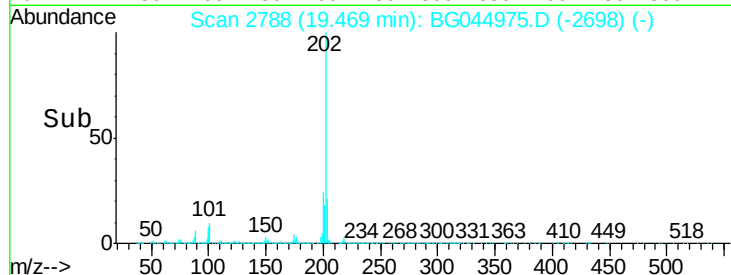
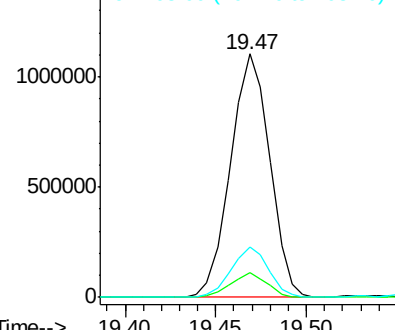
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1651834 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 10.1  | 0.0   | 29.8    |
| 203      | 20.7  | 0.0   | 39.4    |

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Abundance Ion 202.00 (201.70 to 202.70): E  
1500000  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

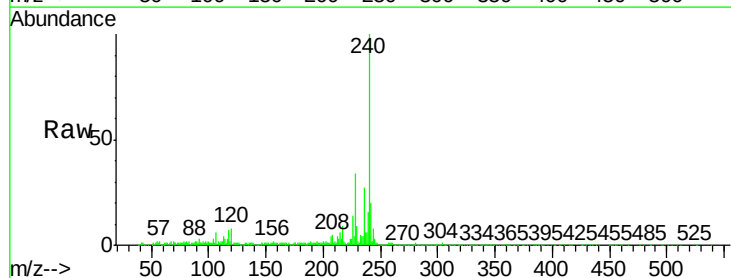
RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

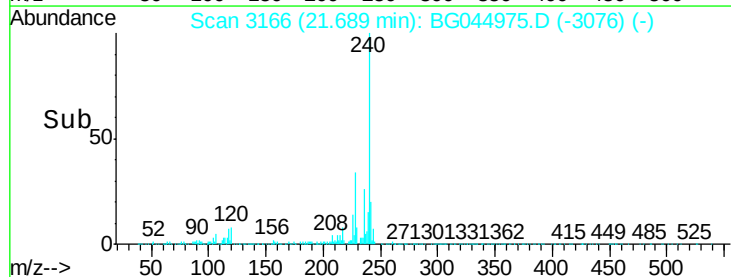
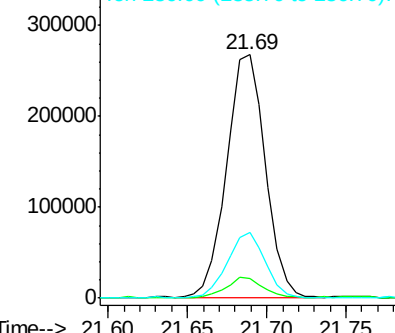
Lab File: BG044975.D

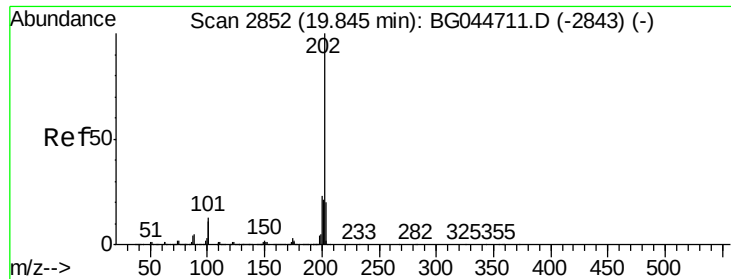
Acq: 8 Apr 2020 13:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 452592 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 7.9   | 6.7   | 10.1   |
| 236      | 26.8  | 21.5  | 32.3   |



Abundance Ion 240.00 (239.70 to 240.70): E  
300000  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 41.592 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG044975.D

Acq: 8 Apr 2020 13:59

Instrument :

BNA\_G

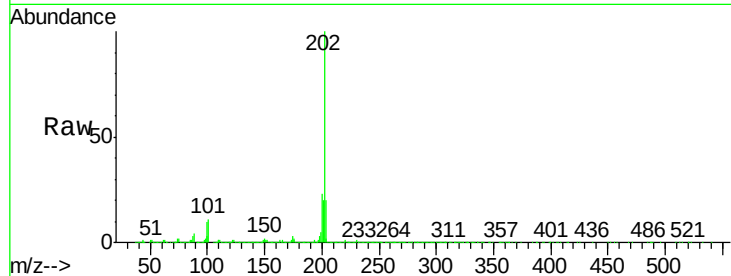
ClientSampleId :

TP-7DL

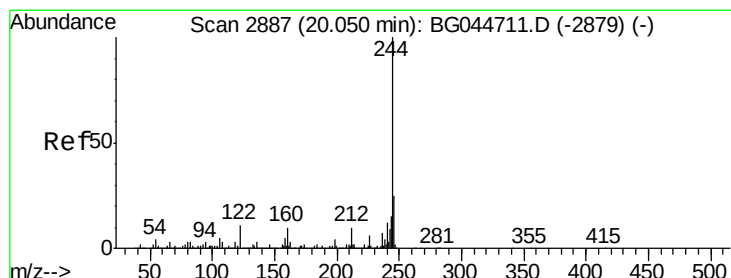
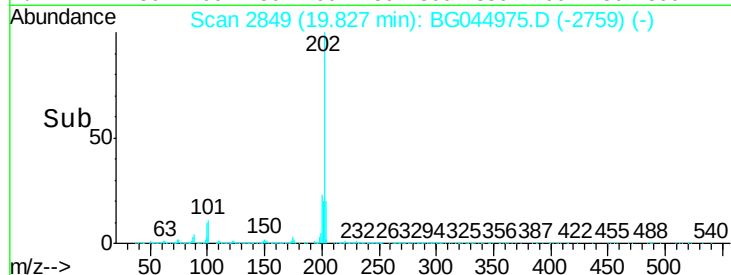
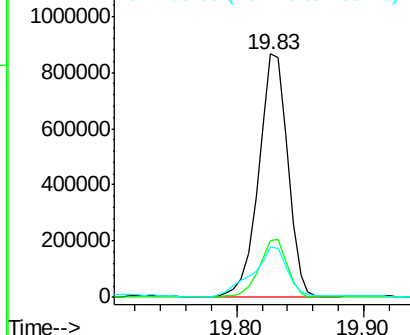
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1381084 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 200      | 23.5  | 18.3  | 27.5    |
| 203      | 20.5  | 15.6  | 23.4    |

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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 21.190 ng

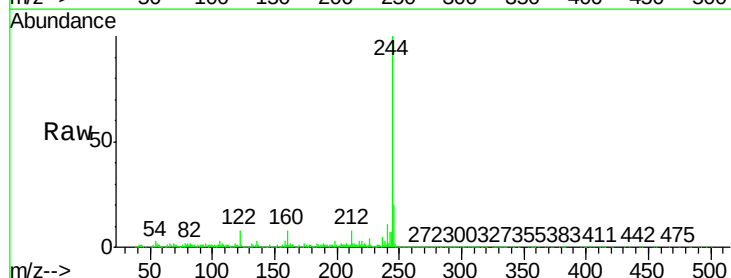
RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

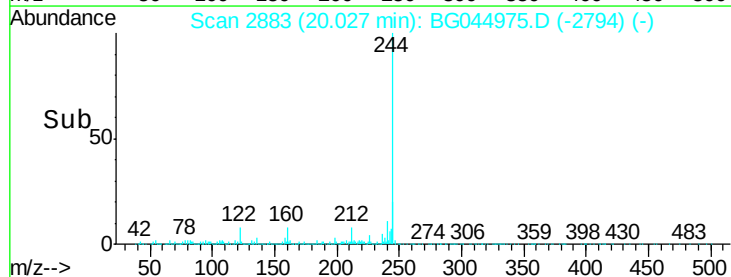
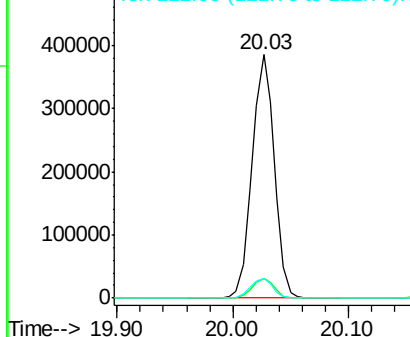
Lab File: BG044975.D

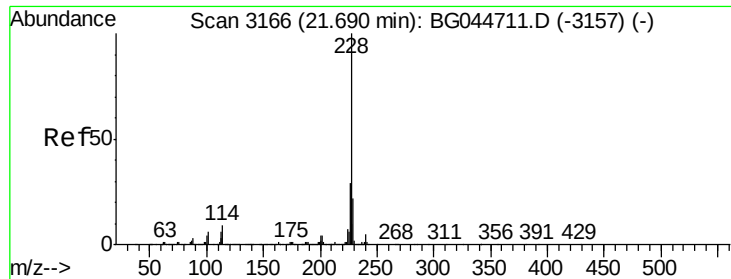
Acq: 8 Apr 2020 13:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 244   | Resp: | 512710 |
| Ion      | Ratio | Lower | Upper  |
| 244      | 100   |       |        |
| 212      | 8.0   | 7.7   | 11.5   |
| 122      | 7.8   | 8.6   | 12.8#  |



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





#81

Benzo(a)anthracene

Concen: 25.191 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG044975.D

Acq: 8 Apr 2020 13:59

Instrument :

BNA\_G

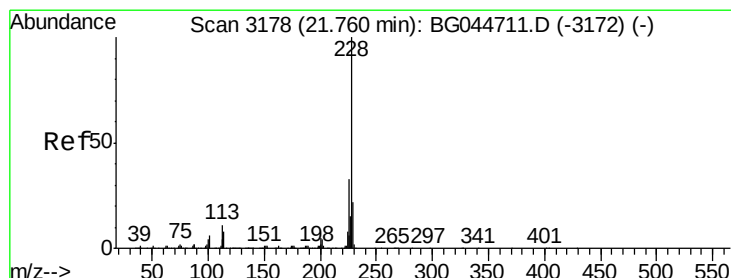
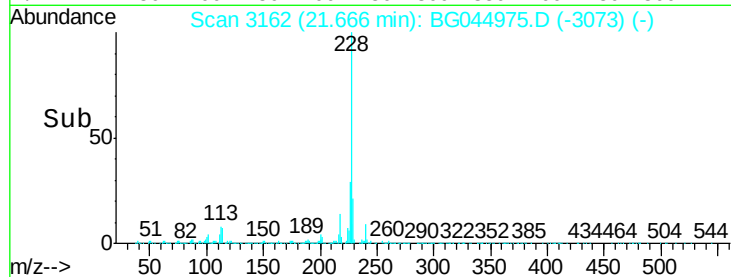
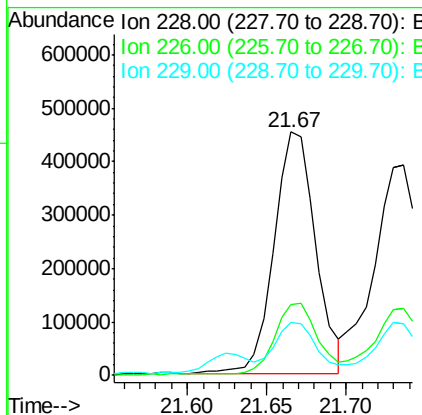
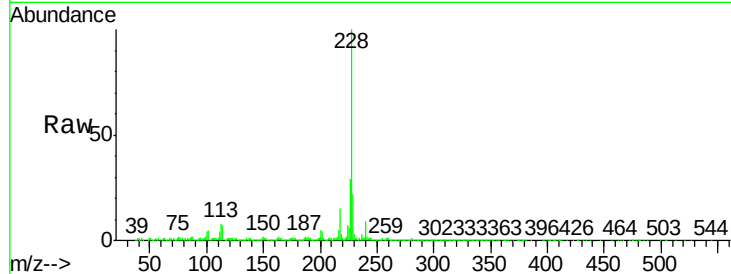
ClientSampleId :

TP-7DL

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 820980 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 29.3  | 23.6  | 35.4   |
| 229       | 21.8  | 17.1  | 25.7   |

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#83

Chrysene

Concen: 25.049 ng

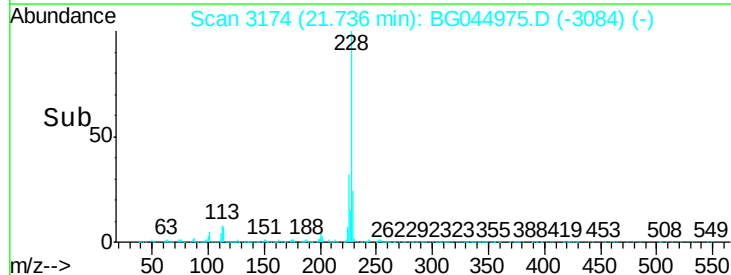
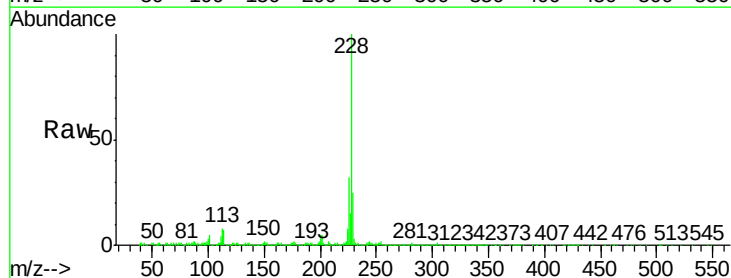
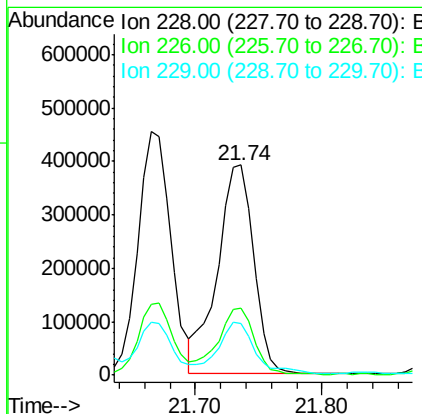
RT: 21.74 min Scan# 3174

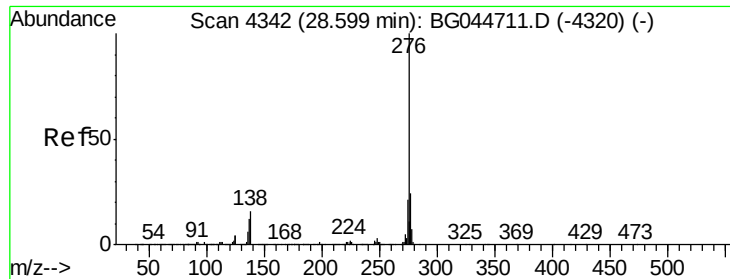
Delta R.T. -0.00 min

Lab File: BG044975.D

Acq: 8 Apr 2020 13:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 779800 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 32.2  | 25.9  | 38.9   |
| 229       | 24.6  | 17.4  | 26.0   |





#86

Indeno(1,2,3-cd)pyrene

Concen: 8.689 ng

RT: 28.53 min Scan# 4330

Delta R.T. -0.01 min

Lab File: BG044975.D

Acq: 8 Apr 2020 13:59

Instrument :

BNA\_G

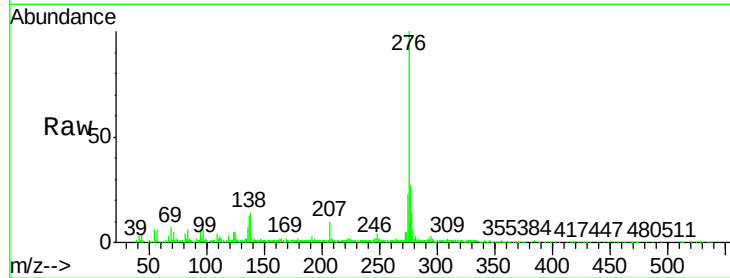
ClientSampleId :

TP-7DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 14.2  | 7.4   | 11.0# |
| 277     | 25.7  | 20.8  | 31.2  |

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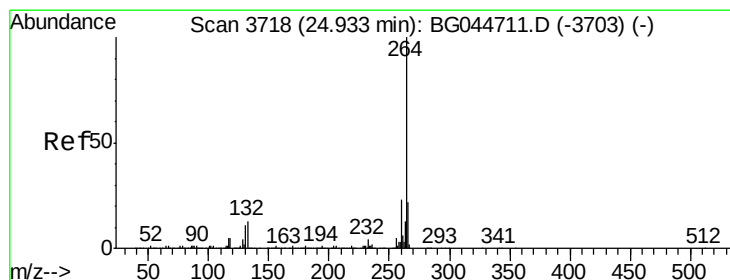
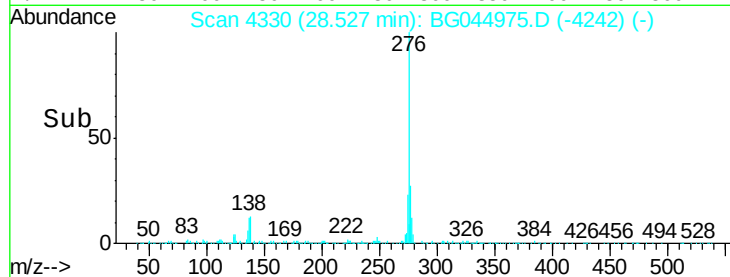
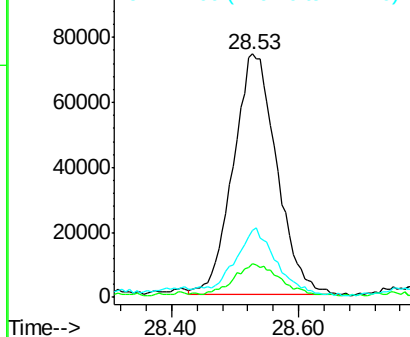


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3712

Delta R.T. 0.01 min

Lab File: BG044975.D

Acq: 8 Apr 2020 13:59

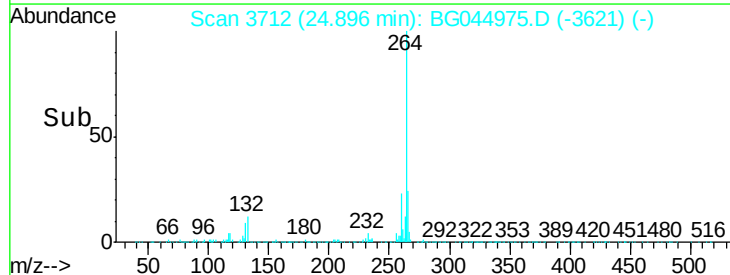
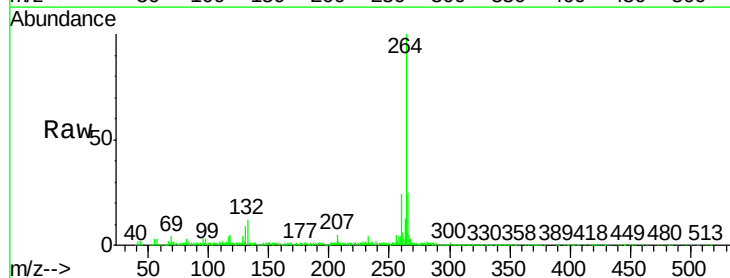
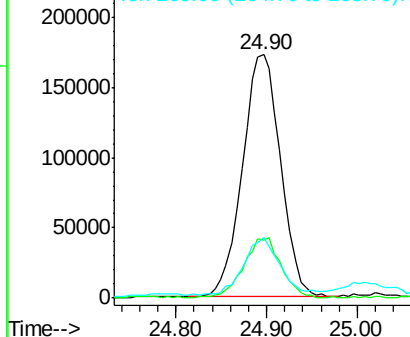
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 18.1  | 27.1  |
| 265     | 24.9  | 17.1  | 25.7  |

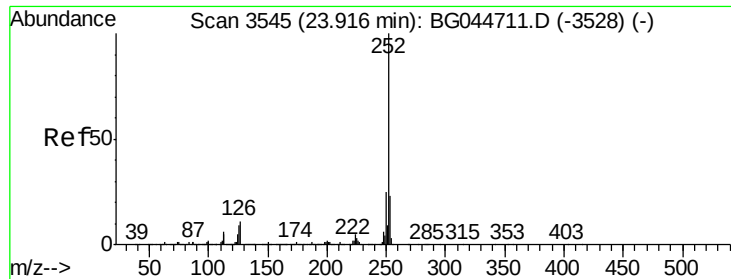
Abundance

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





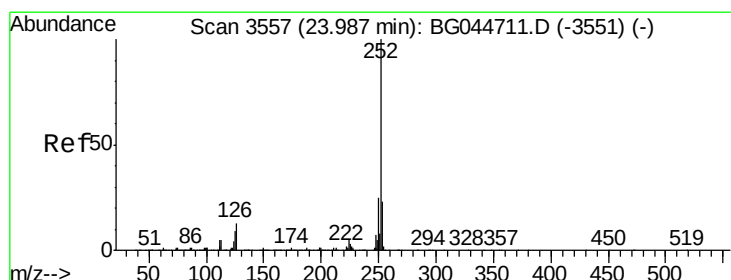
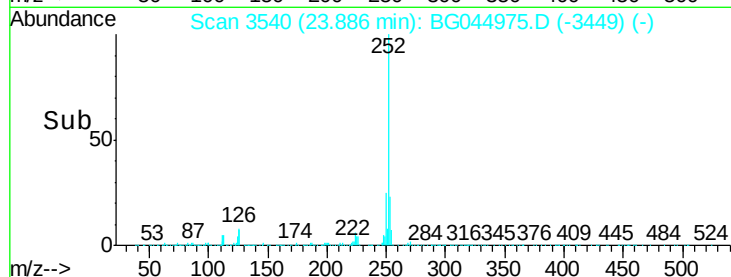
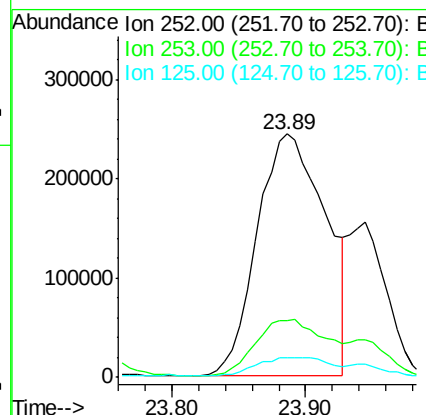
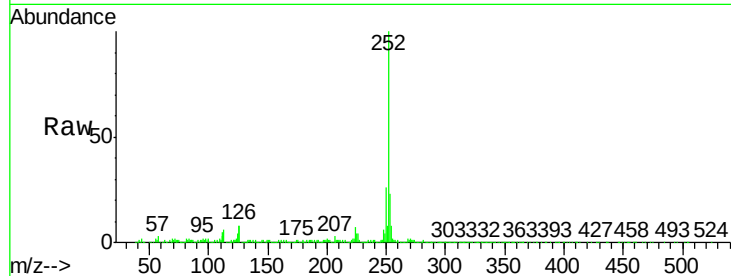
#88  
Benzo(b)fluoranthene  
Concen: 26.195 ng  
RT: 23.89 min Scan# 3540  
Delta R.T. 0.01 min  
Lab File: BG044975.D  
Acq: 8 Apr 2020 13:59

Instrument :  
BNA\_G  
ClientSampleId :  
TP-7DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.3  | 18.1  | 27.1  |
| 125     | 8.0   | 6.6   | 9.8   |

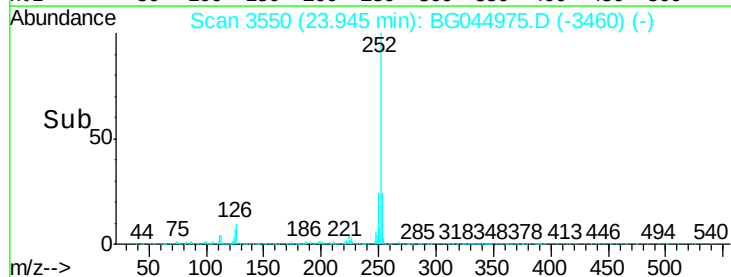
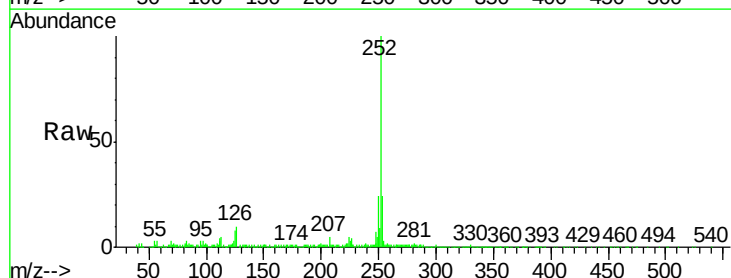
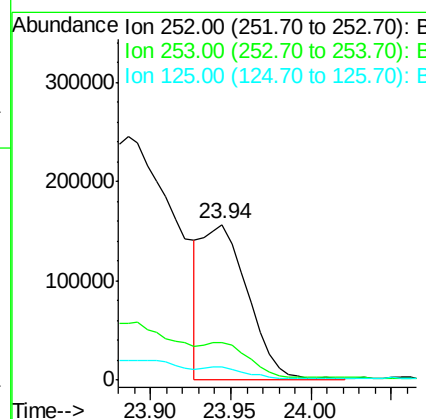
Manual Integrations  
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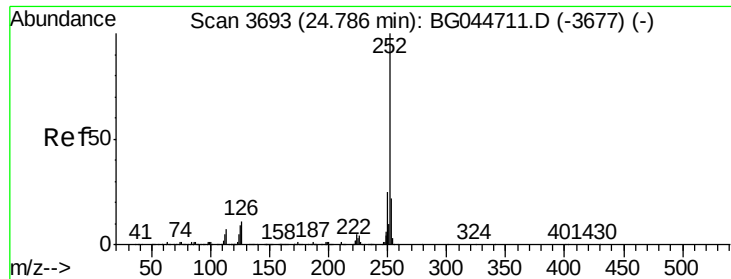
mohammad  
4/10/2020 7:55:59 AM



#89  
Benzo(k)fluoranthene  
Concen: 9.877 ng m  
RT: 23.94 min Scan# 3550  
Delta R.T. -0.00 min  
Lab File: BG044975.D  
Acq: 8 Apr 2020 13:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.2  | 18.5  | 27.7  |
| 125     | 8.4   | 6.2   | 9.2   |





#90

Benzo(a)pyrene

Concen: 19.302 ng

RT: 24.74 min Scan# 3686

Delta R.T. -0.00 min

Lab File: BG044975.D

Acq: 8 Apr 2020 13:59

Instrument :

BNA\_G

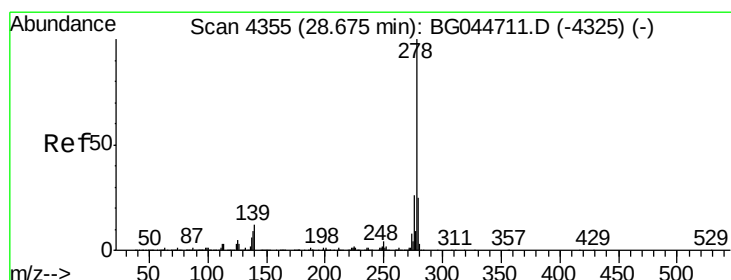
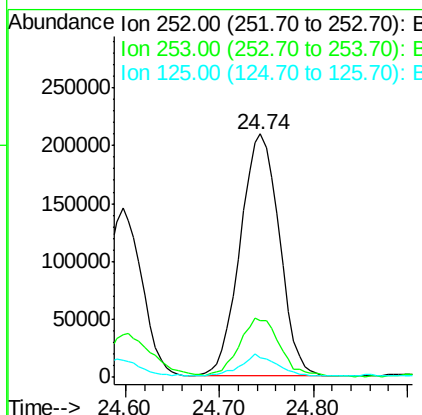
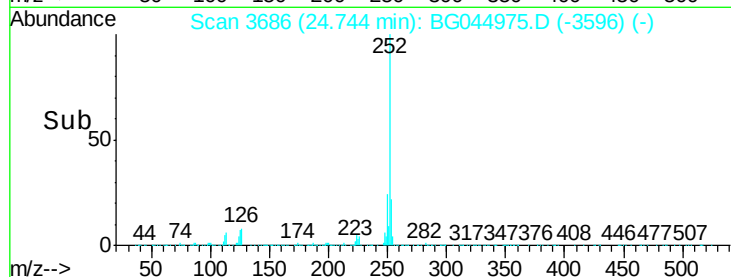
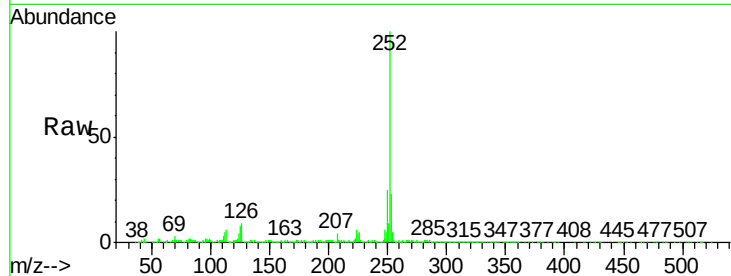
ClientSampleId :

TP-7DL

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 600342 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.1  | 19.4  | 29.0   |
| 125       | 8.0   | 7.2   | 10.8   |

Manual Integrations  
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#91

Dibenzo(a,h)anthracene

Concen: 4.042 ng m

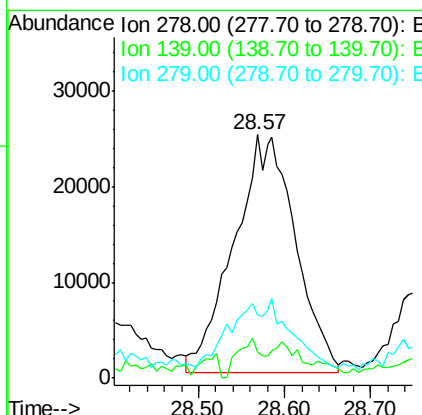
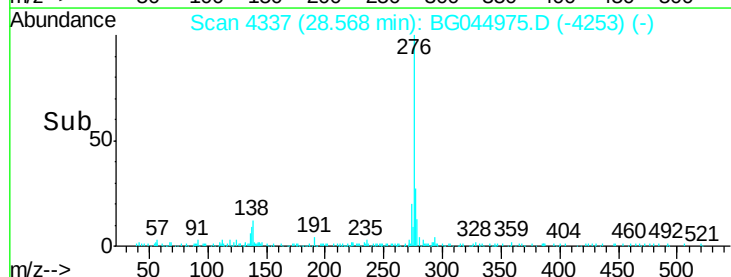
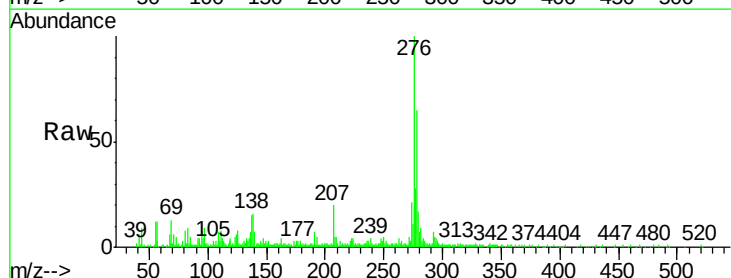
RT: 28.57 min Scan# 4337

Delta R.T. -0.04 min

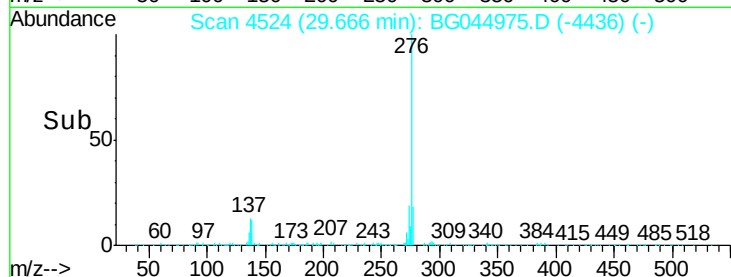
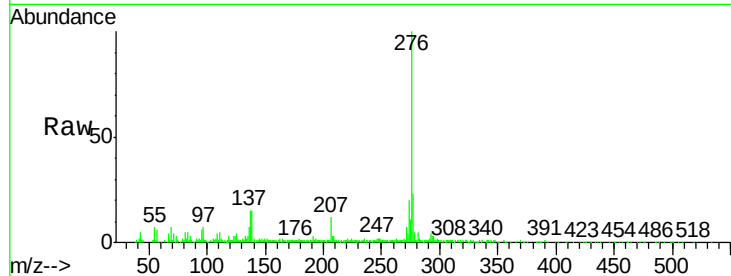
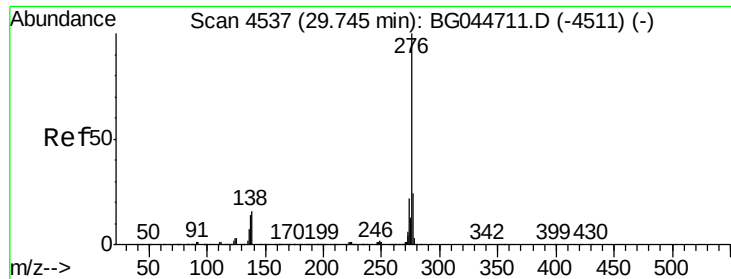
Lab File: BG044975.D

Acq: 8 Apr 2020 13:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 124013 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 10.9  | 10.2  | 15.2   |
| 279       | 25.9  | 18.9  | 28.3   |







#92  
 Benzo(a,h,i)perylene  
 Concen: 9.966 ng  
 RT: 29.67 min Scan# 4524  
 Delta R.T. -0.01 min  
 Lab File: BG044975.D  
 Acq: 8 Apr 2020 13:59

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-7DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.6  | 20.1  | 30.1  |
| 138     | 15.0  | 13.0  | 19.6  |

Manual Integrations  
 APPROVED

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