

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\  
 Data File : BF104576.D  
 Acq On : 17 Apr 2018 21:56  
 Operator : JU/SJ  
 Sample : J2387-07  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20180244-AMEND-COMP-A

Manual Integrations  
 APPROVED

Sohil  
 4/18/2018 3:01:05 PM

Quant Time: Apr 18 02:08:18 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 17 17:08:38 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min)   |
|--------------------------------|-------|------|----------|--------|-------|------------|
| 1) 1,4-Dichlorobenzene-d4      | 6.80  | 152  | 137646   | 20.00  | ng    | 0.00       |
| 21) Naphthalene-d8             | 8.09  | 136  | 540499   | 20.00  | ng    | 0.00       |
| 38) Acenaphthene-d10           | 9.85  | 164  | 220044   | 20.00  | ng    | 0.00       |
| 63) Phenanthrene-d10           | 11.33 | 188  | 356656   | 20.00  | ng    | 0.00       |
| 75) Chrysene-d12               | 13.99 | 240  | 268388   | 20.00  | ng    | 0.00       |
| 86) Perylene-d12               | 15.45 | 264  | 246866   | 20.00  | ng    | 0.01       |
| System Monitoring Compounds    |       |      |          |        |       |            |
| 5) 2-Fluorophenol              | 5.42  | 112  | 62121    | 6.90   | ng    | 0.00       |
| 7) Phenol-d6                   | 6.44  | 99   | 565688   | 51.14  | ng    | 0.00       |
| 23) Nitrobenzene-d5            | 7.37  | 82   | 595624   | 71.96  | ng    | 0.00       |
| 41) 2,4,6-Tribromophenol       | 10.63 | 330  | 7583     | 3.32   | ng    | 0.00       |
| 44) 2-Fluorobiphenyl           | 9.16  | 172  | 756399   | 54.30  | ng    | 0.00       |
| 78) Terphenyl-d14              | 12.92 | 244  | 698184   | 59.31  | ng    | 0.00       |
| Target Compounds               |       |      |          |        |       |            |
| 48) Acenaphthylene             | 9.70  | 152  | 296983   | 12.964 | ng    | Qvalue 100 |
| 49) Dimethylphthalate          | 9.56  | 163  | 101319   | 5.839  | ng    | # 99       |
| 51) Acenaphthene               | 9.87  | 154  | 47084    | 3.369  | ng    | 98         |
| 57) Fluorene                   | 10.39 | 166  | 61278    | 4.322  | ng    | # 96       |
| 70) Phenanthrene               | 11.36 | 178  | 415203   | 20.904 | ng    | 99         |
| 71) Anthracene                 | 11.41 | 178  | 327615   | 16.227 | ng    | 99         |
| 74) Fluoranthene               | 12.55 | 202  | 715034   | 34.456 | ng    | 99         |
| 77) Pyrene                     | 12.79 | 202  | 982605   | 49.392 | ng    | 99         |
| 80) Benzo(a)anthracene         | 13.97 | 228  | 648554m  | 40.449 | ng    |            |
| 82) Chrysene                   | 14.01 | 228  | 678543m  | 41.201 | ng    |            |
| 83) Bis(2-ethylhexyl)phthalate | 13.96 | 149  | 74919    | 6.215  | ng    | 97         |
| 85) Indeno(1,2,3-cd)pyrene     | 16.90 | 276  | 225542   | 16.121 | ng    | 95         |
| 87) Benzo(b)fluoranthene       | 15.03 | 252  | 601891m  | 38.603 | ng    |            |
| 88) Benzo(k)fluoranthene       | 15.05 | 252  | 134467m  | 9.135  | ng    |            |
| 89) Benzo(a)pyrene             | 15.39 | 252  | 592298   | 42.457 | ng    | 97         |
| 90) Dibenzo(a,h)anthracene     | 16.90 | 278  | 70813    | 6.180  | ng    | 93         |
| 91) Benzo(g,h,i)perylene       | 17.34 | 276  | 233078   | 20.997 | ng    | 98         |

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

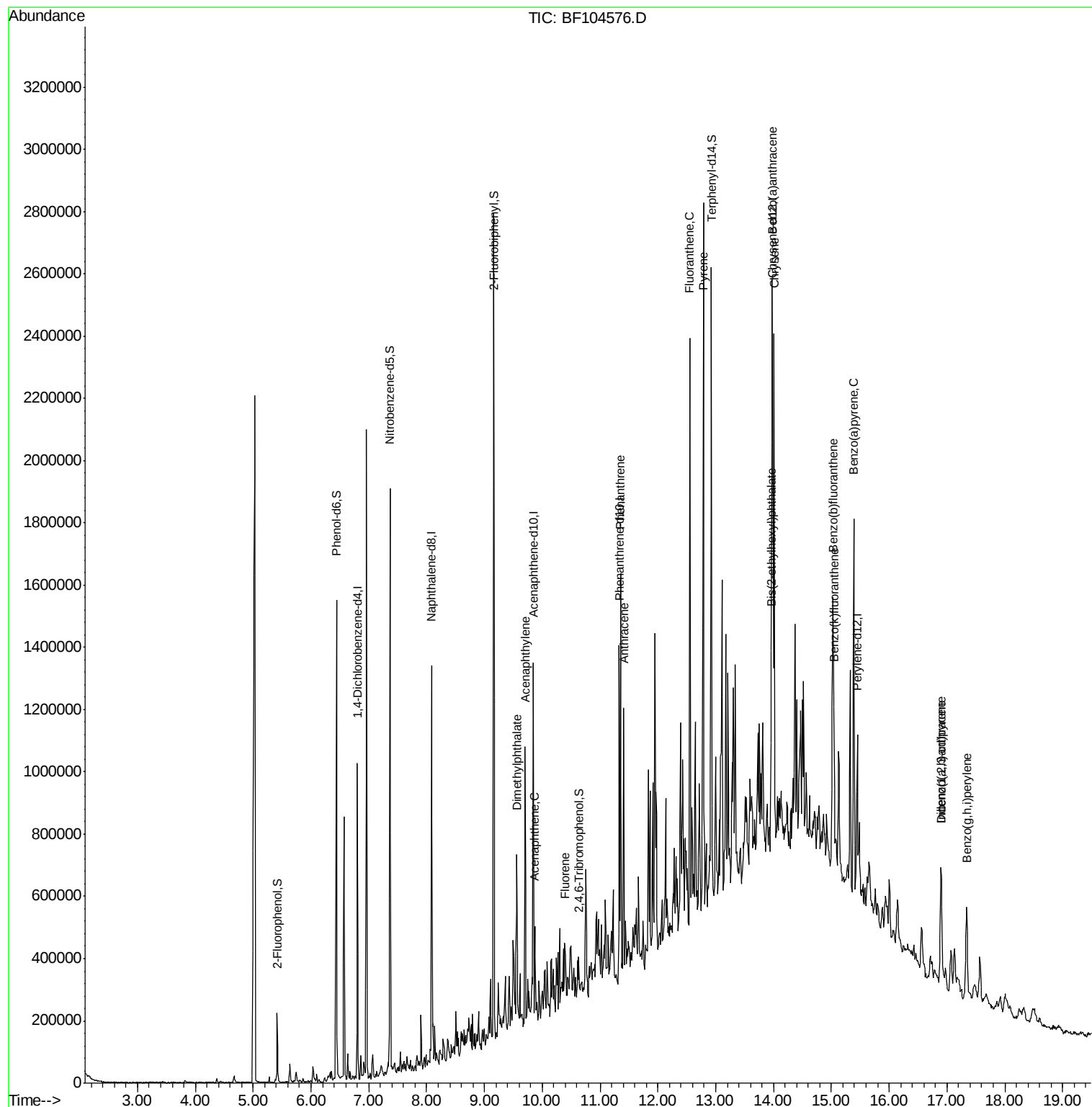
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\  
Data File : BF104576.D  
Acq On : 17 Apr 2018 21:56  
Operator : JU/SJ  
Sample : J2387-07  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

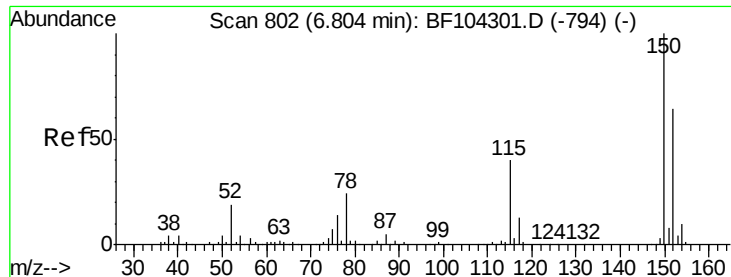
Instrument :  
BNA\_F  
ClientSampleId :  
20180244-AMEND-COMP-A

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Quant Time: Apr 18 02:08:18 2018  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Apr 17 17:08:38 2018  
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#1

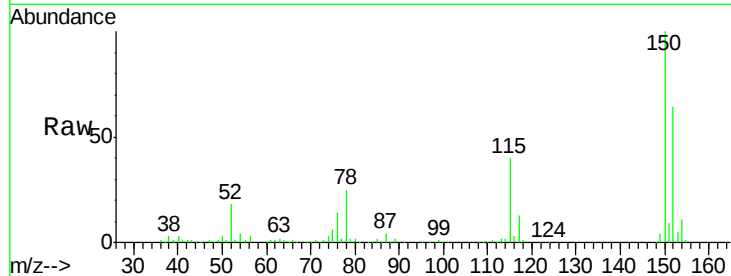
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 802  
Delta R.T. 0.00 min  
Lab File: BF104576.D  
Acq: 17 Apr 2018 21:56

Instrument :  
BNA\_F  
ClientSampleId :  
20180244-AMEND-COMP-A

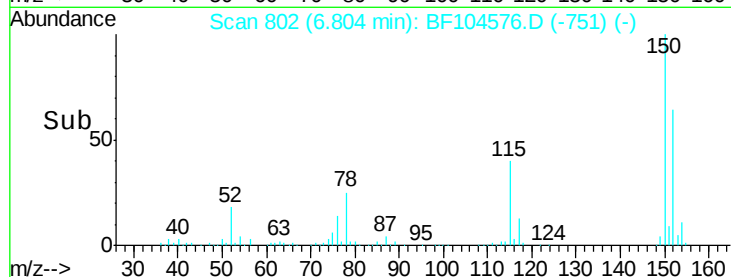
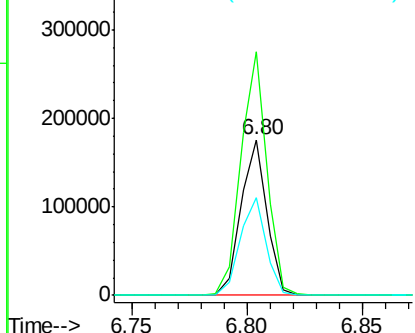
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.4 | 124.6 | 186.8 |
| 115     | 62.8  | 50.1  | 75.1  |

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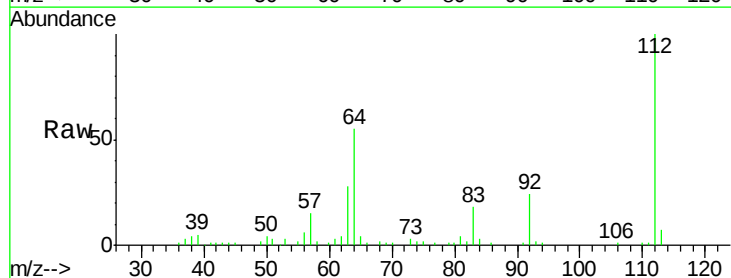
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



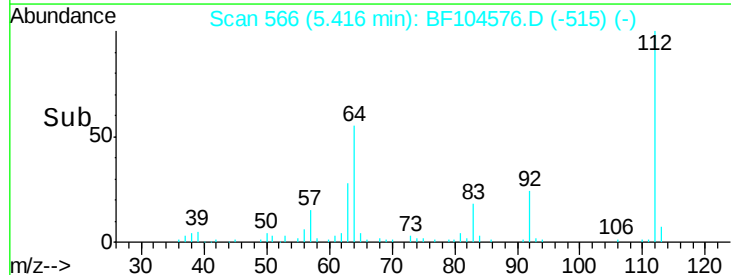
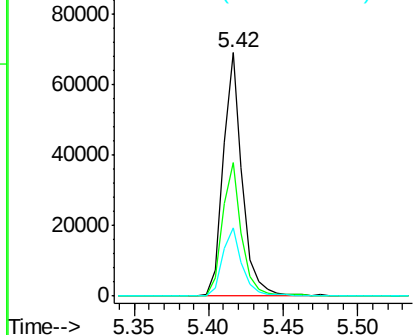
#5

2-Fluorophenol  
Concen: 6.901 ng  
RT: 5.42 min Scan# 566  
Delta R.T. 0.00 min  
Lab File: BF104576.D  
Acq: 17 Apr 2018 21:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 54.6  | 47.9  | 71.9  |
| 63      | 28.0  | 23.7  | 35.5  |



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 51.145 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104576.D

Acq: 17 Apr 2018 21:56

Instrument :

BNA\_F

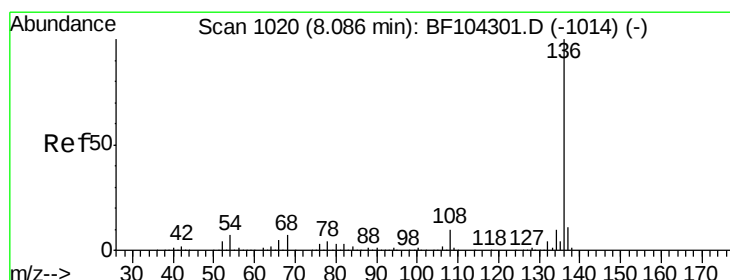
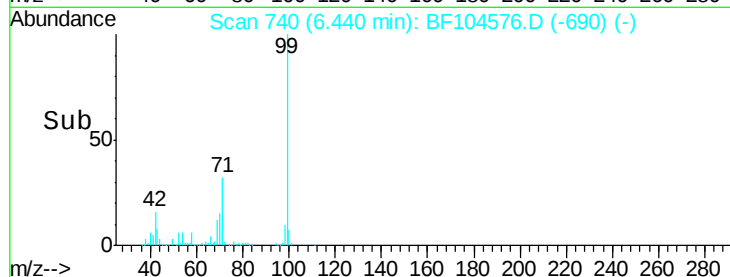
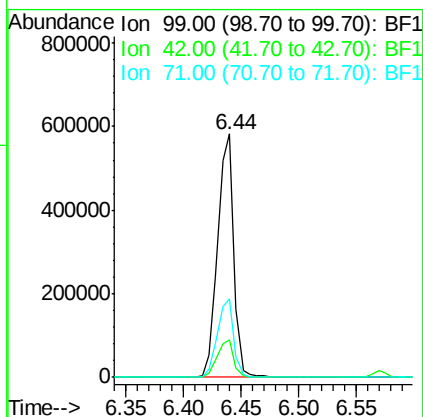
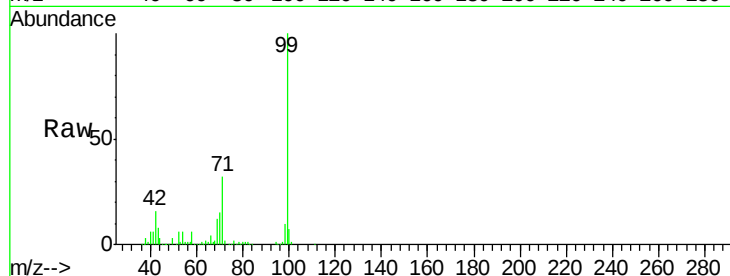
ClientSampleId :

20180244-AMEND-COMP-A

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 99    | Resp: | 565688 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 15.7  | 14.5  | 21.7   |
| 71       | 32.4  | 25.4  | 38.0   |

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#21

Naphthalene-d8

Concen: 20.000 ng

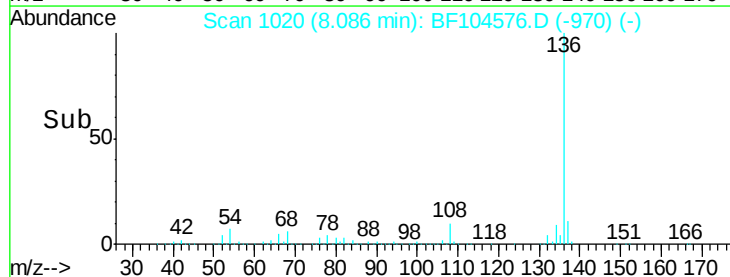
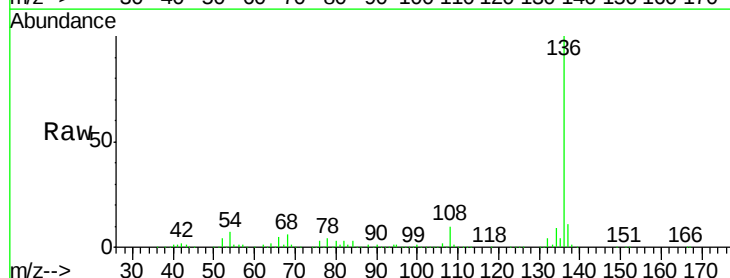
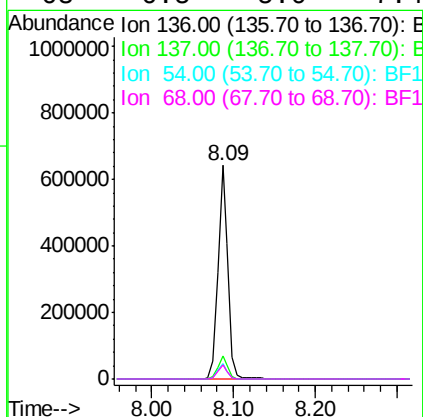
RT: 8.09 min Scan# 1020

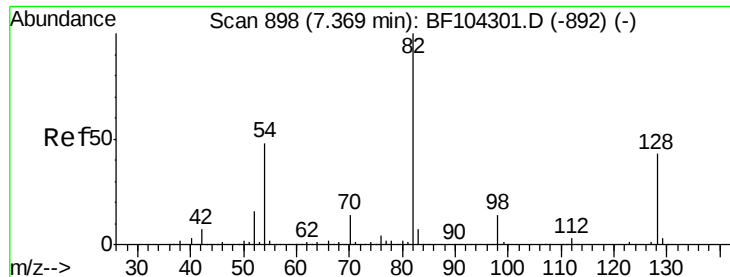
Delta R.T. -0.01 min

Lab File: BF104576.D

Acq: 17 Apr 2018 21:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 540499 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.9   | 13.3   |
| 54       | 7.3   | 6.6   | 9.8    |
| 68       | 6.5   | 5.0   | 7.4    |





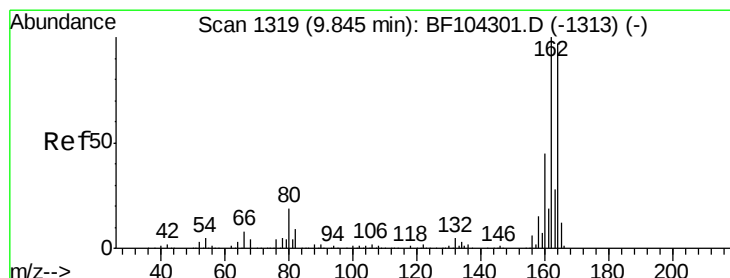
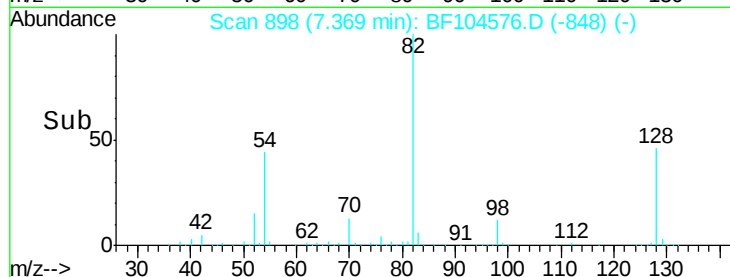
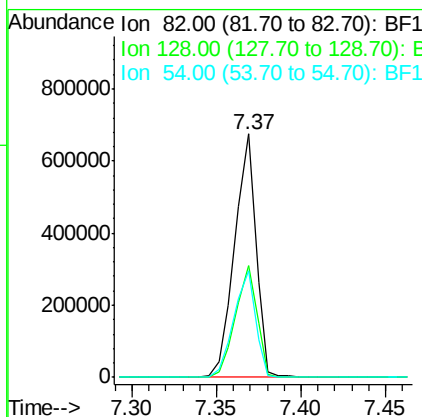
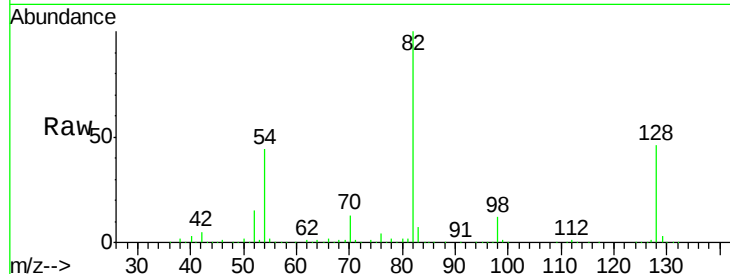
#23  
Nitrobenzene-d5  
Concen: 71.958 ng  
RT: 7.37 min Scan# 898  
Delta R.T. -0.01 min  
Lab File: BF104576.D  
Acq: 17 Apr 2018 21:56

Instrument :  
BNA\_F  
ClientSampleId :  
20180244-AMEND-COMP-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.0  | 36.1  | 54.1  |
| 54      | 43.8  | 41.4  | 62.2  |

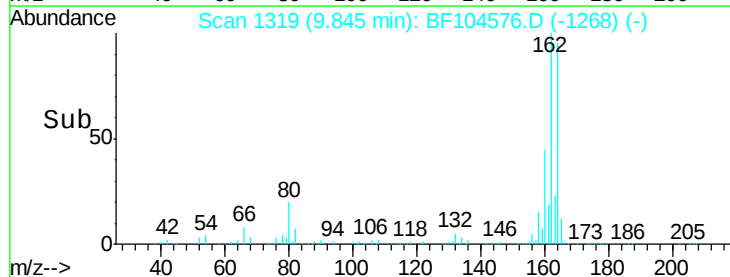
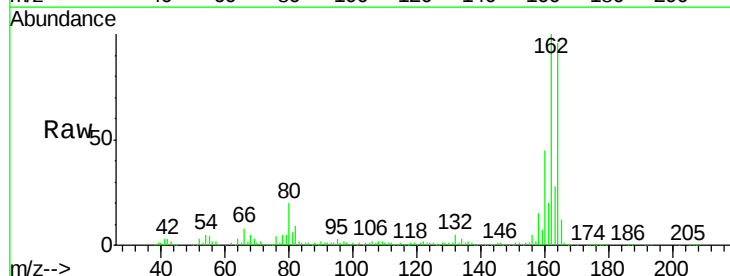
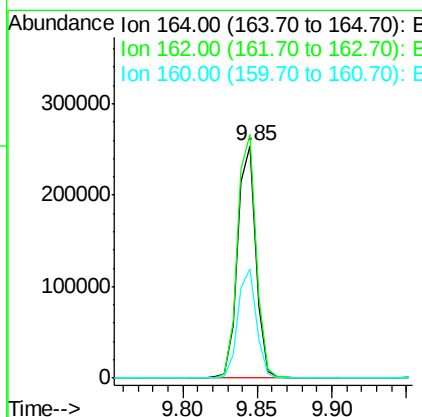
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.85 min Scan# 1319  
Delta R.T. 0.00 min  
Lab File: BF104576.D  
Acq: 17 Apr 2018 21:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.7 | 86.1  | 129.1 |
| 160     | 47.0  | 38.3  | 57.5  |





#41

2,4,6-Tribromophenol

Concen: 3.322 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104576.D

Acq: 17 Apr 2018 21:56

Instrument :

BNA\_F

ClientSampleId :

20180244-AMEND-COMP-A

Tot Ion:330 Resp: 7583

Ion Ratio Lower Upper

330 100

332 94.7 77.0 115.6

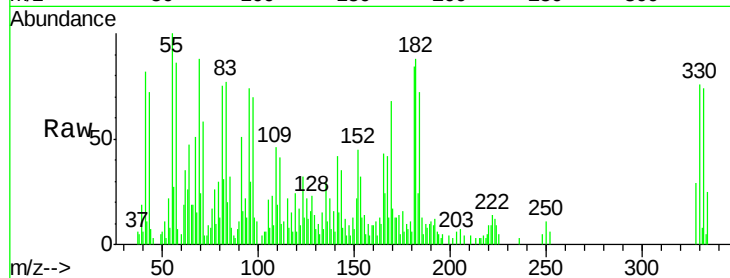
141 37.7 29.9 44.9

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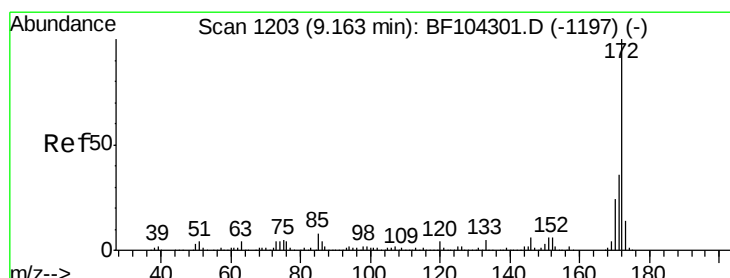
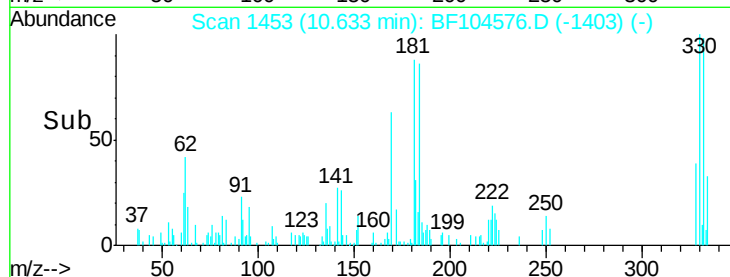
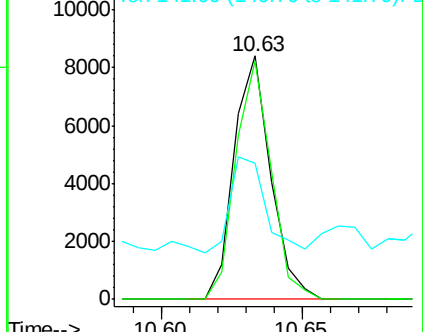
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 54.304 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF104576.D

Acq: 17 Apr 2018 21:56

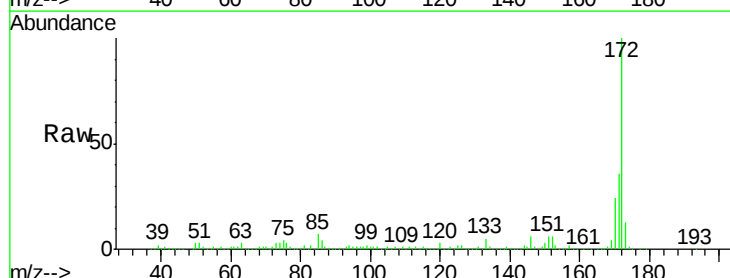
Tgt Ion:172 Resp: 756399

Ion Ratio Lower Upper

172 100

171 35.8 29.7 44.5

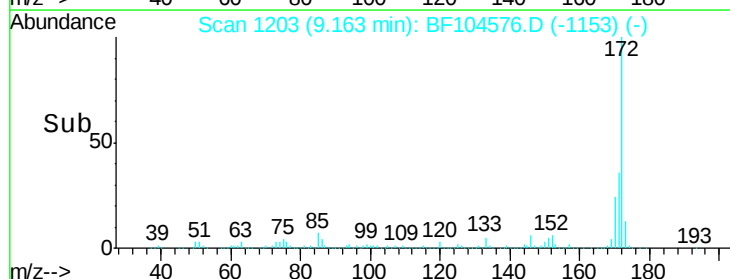
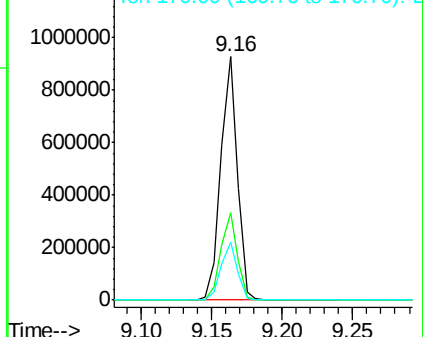
170 24.0 19.6 29.4

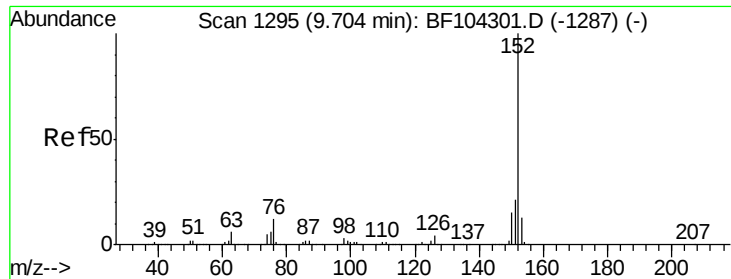


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#48

Acenaphthylene

Concen: 12.964 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104576.D

Acq: 17 Apr 2018 21:56

Instrument :

BNA\_F

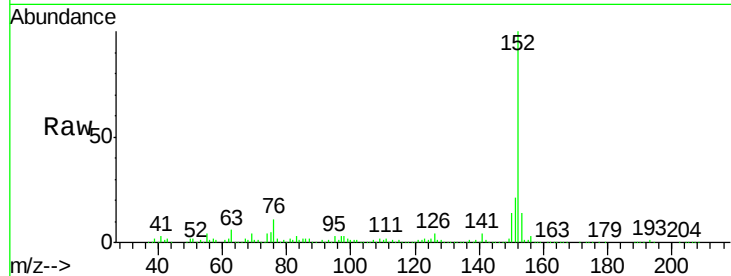
ClientSampleId :

20180244-AMEND-COMP-A

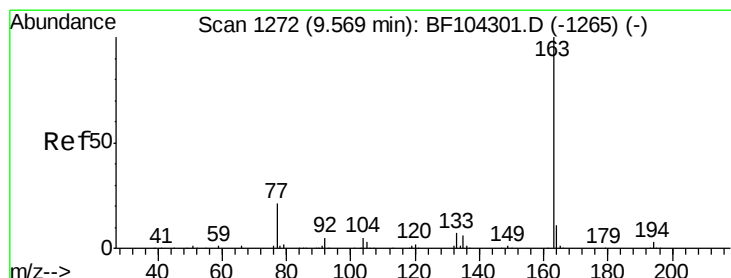
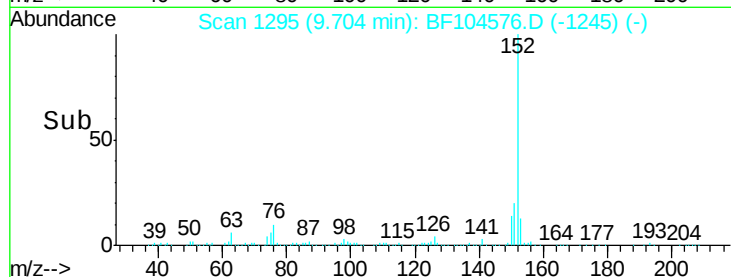
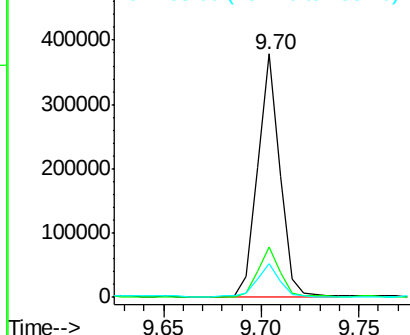
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 296983 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.6  | 16.3  | 24.5   |
| 153       | 13.6  | 10.7  | 16.1   |

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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 5.839 ng

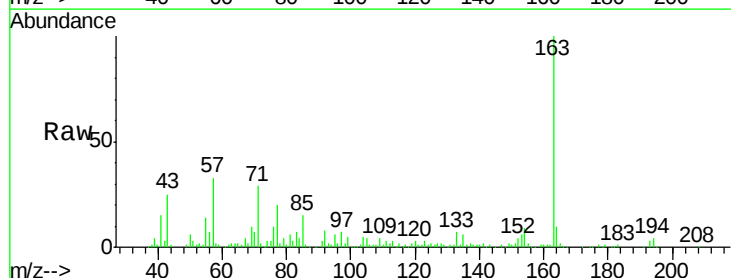
RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

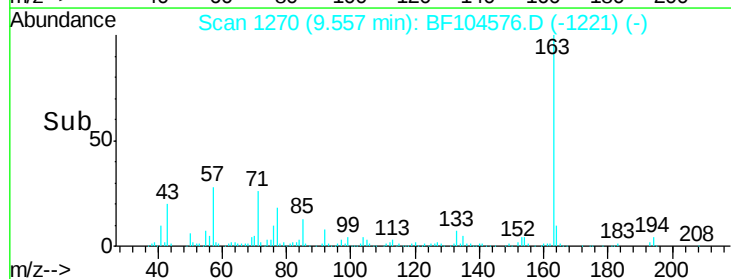
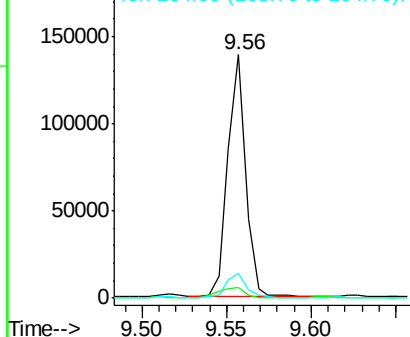
Lab File: BF104576.D

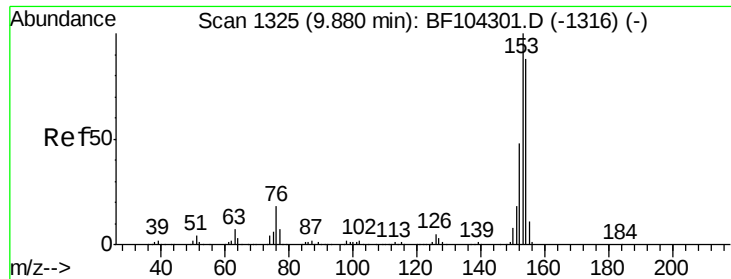
Acq: 17 Apr 2018 21:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 101319 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.3   | 2.7   | 4.1#   |
| 164       | 10.0  | 8.2   | 12.2   |



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





#51

Acenaphthene

Concen: 3.369 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF104576.D

Acq: 17 Apr 2018 21:56

Instrument :

BNA\_F

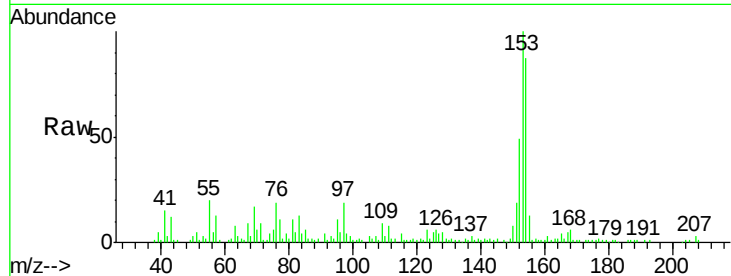
ClientSampleId :

20180244-AMEND-COMP-A

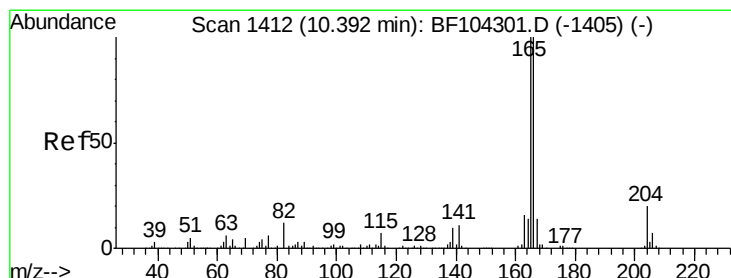
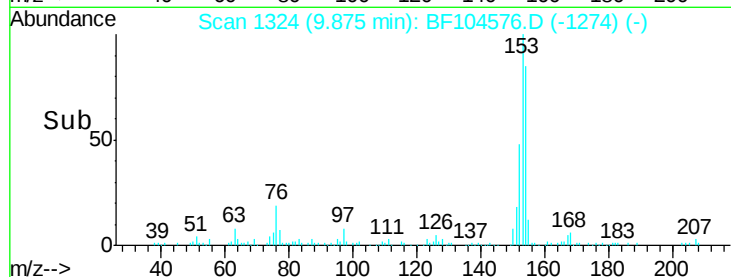
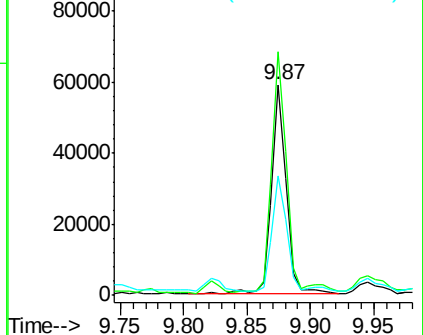
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 154   | Resp: | 47084 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 115.5 | 91.2  | 136.8 |
| 152       | 56.9  | 43.8  | 65.8  |

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 4.322 ng

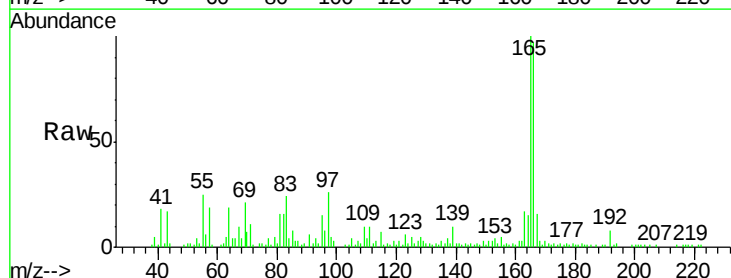
RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

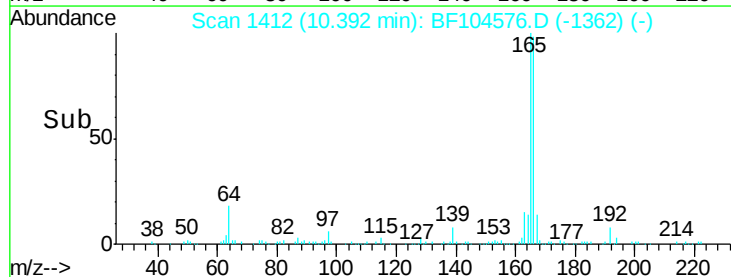
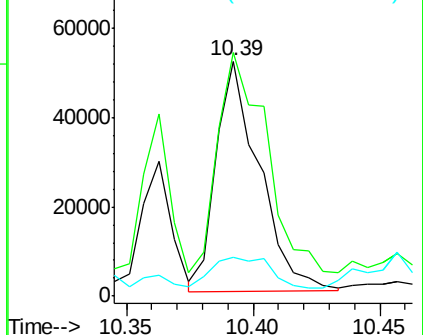
Lab File: BF104576.D

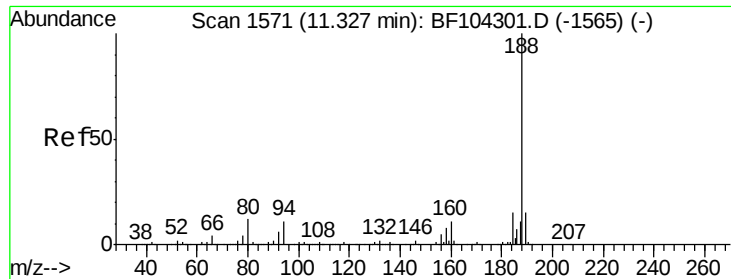
Acq: 17 Apr 2018 21:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 166   | Resp: | 61278 |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 103.6 | 79.8  | 119.8 |
| 167       | 16.6  | 10.6  | 16.0# |



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E





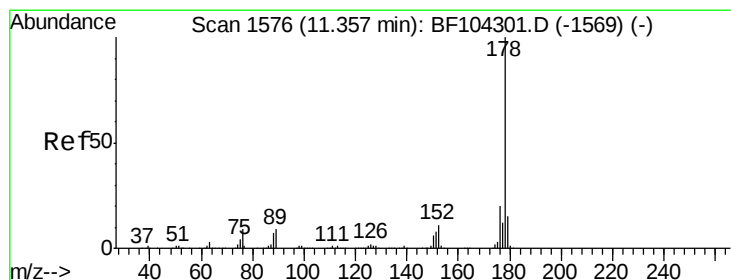
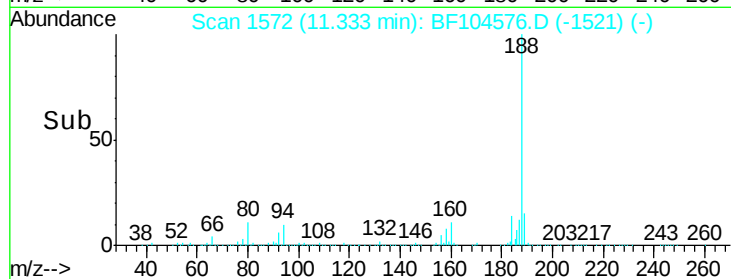
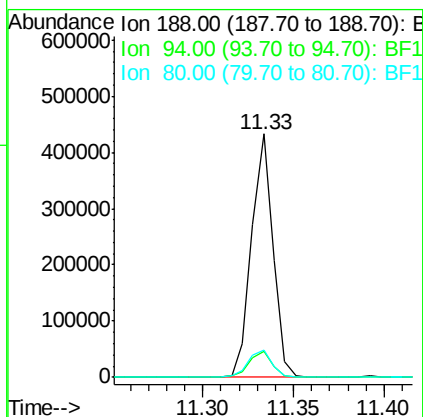
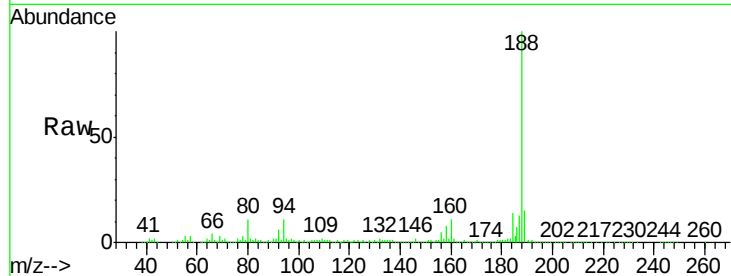
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1572  
Delta R.T. 0.00 min  
Lab File: BF104576.D  
Acq: 17 Apr 2018 21:56

Instrument :  
BNA\_F  
ClientSampleId :  
20180244-AMEND-COMP-A

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 10.6  | 8.5        | 12.7  |
| 80      | 11.3  | 9.2        | 13.8  |

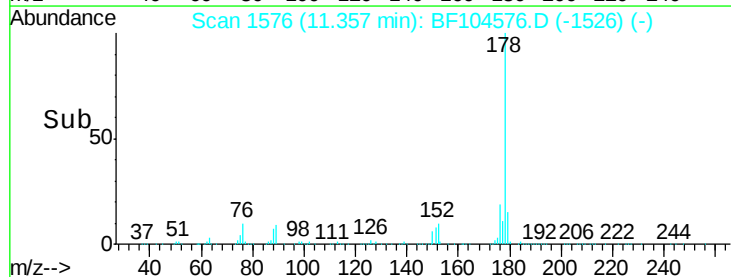
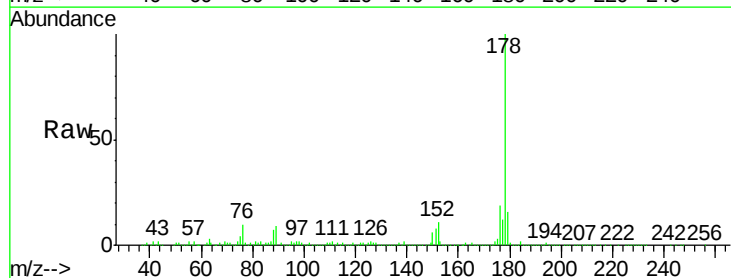
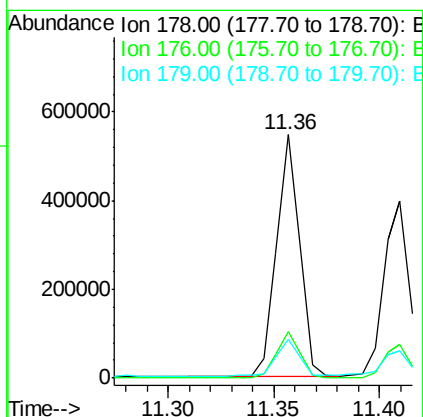
Manual Integrations  
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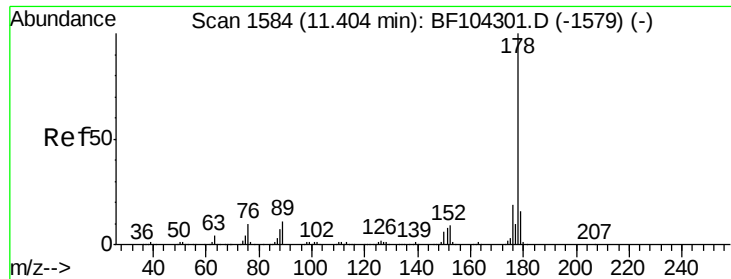
Sohil  
4/18/2018 3:01:05 PM



#70  
Phenanthrene  
Concen: 20.904 ng  
RT: 11.36 min Scan# 1576  
Delta R.T. -0.01 min  
Lab File: BF104576.D  
Acq: 17 Apr 2018 21:56

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 178     | 100   |            |       |
| 176     | 19.0  | 15.8       | 23.8  |
| 179     | 16.1  | 13.0       | 19.6  |





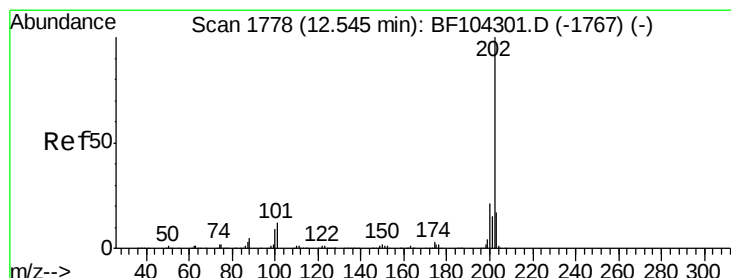
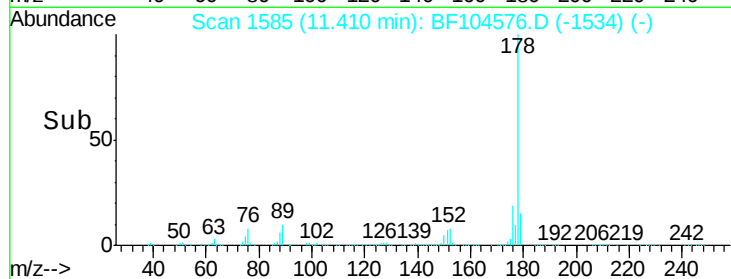
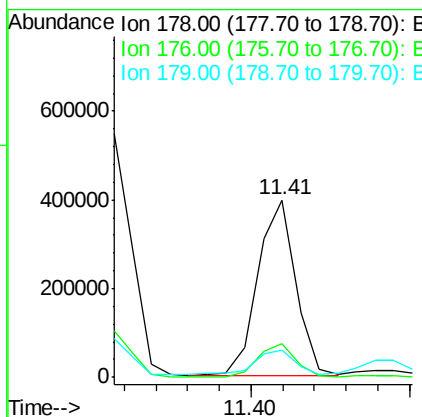
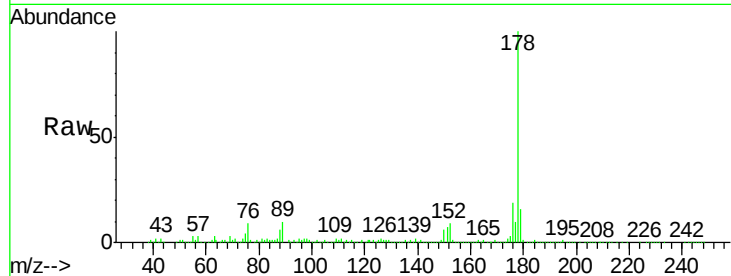
#71  
 Anthracene  
 Concen: 16.227 ng  
 RT: 11.41 min Scan# 1585  
 Delta R.T. 0.00 min  
 Lab File: BF104576.D  
 Acq: 17 Apr 2018 21:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20180244-AMEND-COMP-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 15.4  | 23.2  |
| 179     | 15.6  | 12.6  | 19.0  |

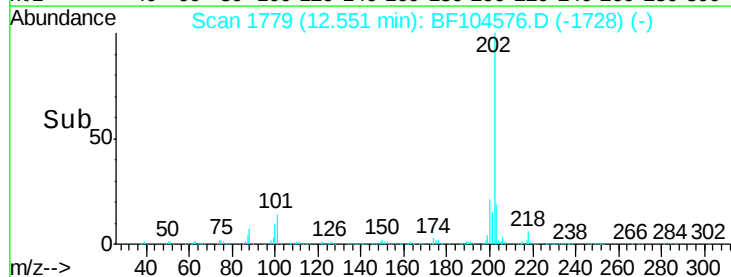
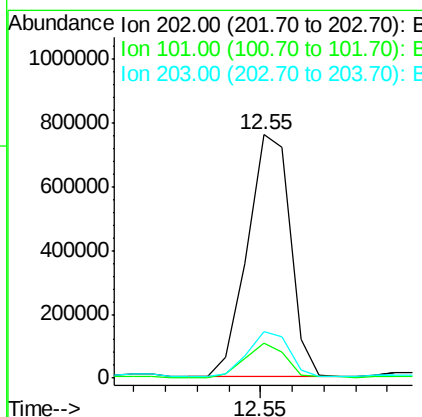
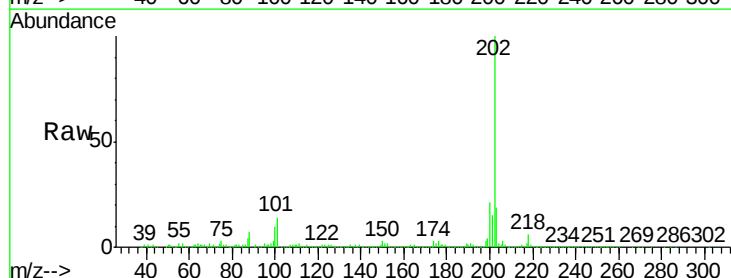
Manual Integrations  
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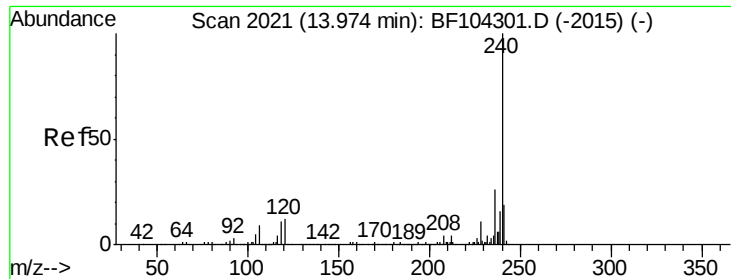
Sohil  
 4/18/2018 3:01:05 PM



#74  
 Fluoranthene  
 Concen: 34.456 ng  
 RT: 12.55 min Scan# 1779  
 Delta R.T. 0.00 min  
 Lab File: BF104576.D  
 Acq: 17 Apr 2018 21:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 14.3  | 0.0   | 34.1  |
| 203     | 18.9  | 0.0   | 38.1  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF104576.D

Acq: 17 Apr 2018 21:56

Instrument :

BNA\_F

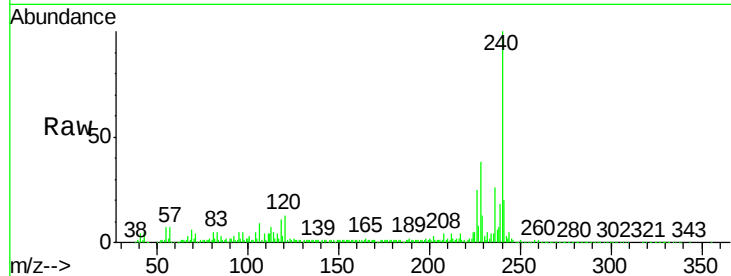
ClientSampleId :

20180244-AMEND-COMP-A

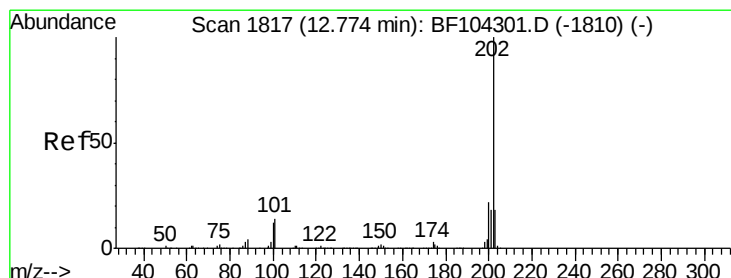
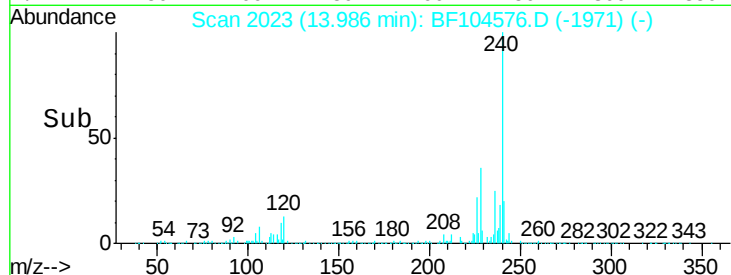
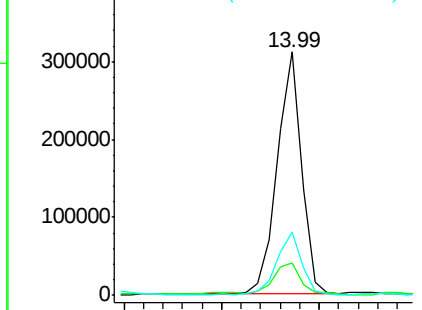
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 268388 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 13.2  | 9.5   | 14.3   |
| 236       | 25.8  | 20.7  | 31.1   |

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



#77

Pyrene

Concen: 49.392 ng

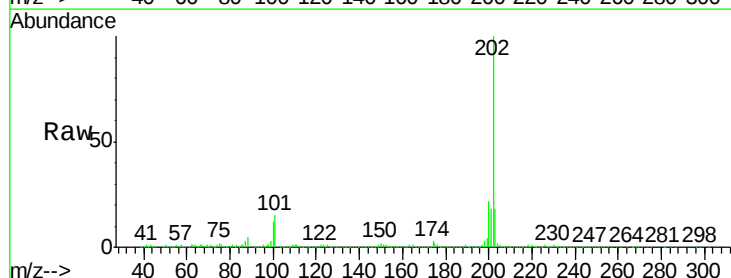
RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

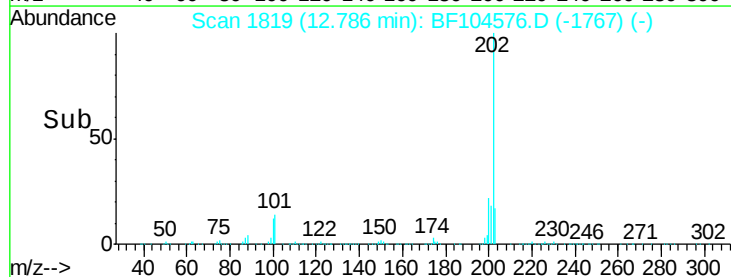
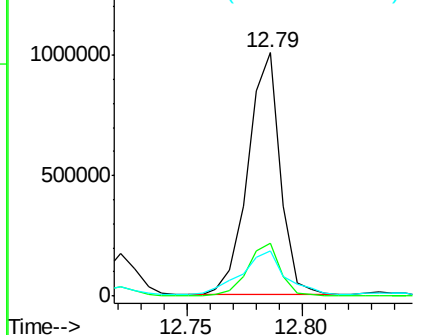
Lab File: BF104576.D

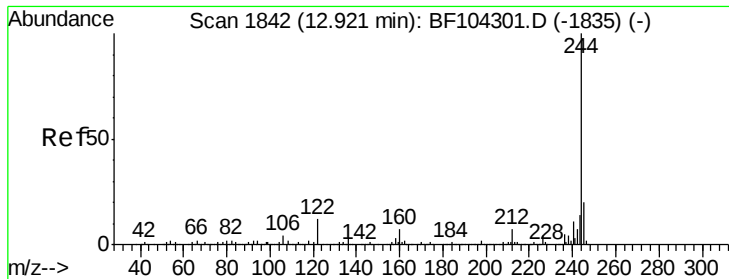
Acq: 17 Apr 2018 21:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 982605 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.7  | 17.4  | 26.2   |
| 203       | 18.4  | 14.3  | 21.5   |



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





#78

Terphenyl-d14

Concen: 59.307 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104576.D

Acq: 17 Apr 2018 21:56

Instrument :

BNA\_F

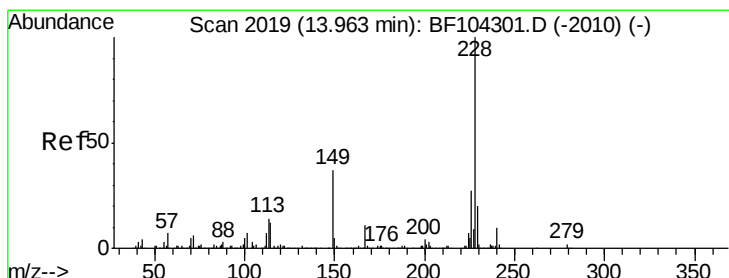
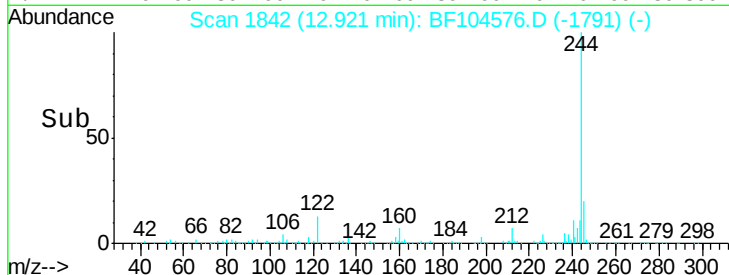
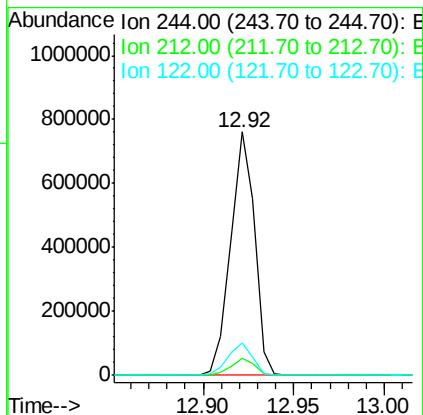
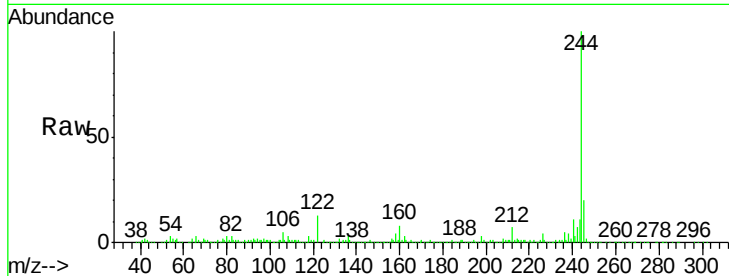
ClientSampleId :

20180244-AMEND-COMP-A

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 244  | Resp: | 698184 |
| Ion Ratio |      | Lower | Upper  |
| 244       | 100  |       |        |
| 212       | 6.8  | 5.4   | 8.0    |
| 122       | 13.3 | 11.0  | 16.4   |

Manual Integrations  
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4/18/2018 3:01:05 PM



#80

Benzo(a)anthracene

Concen: 40.449 ng m

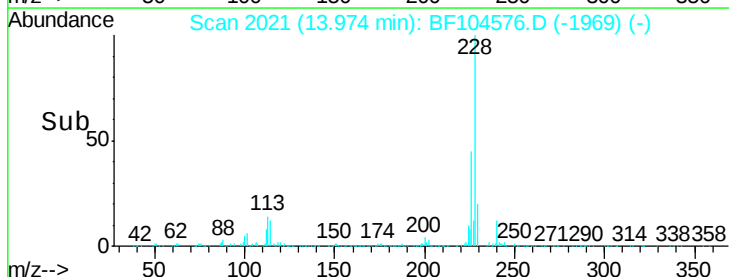
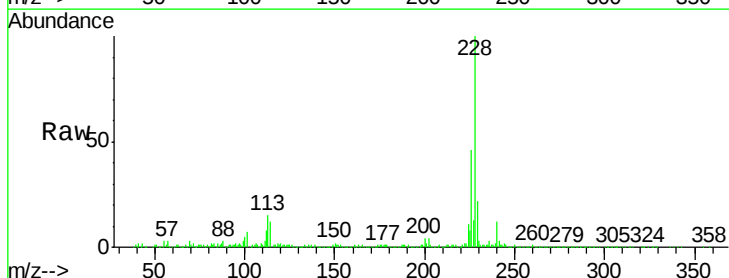
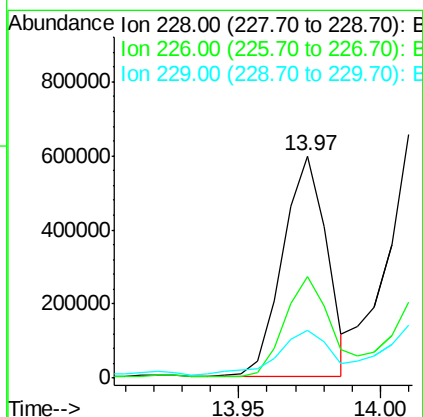
RT: 13.97 min Scan# 2021

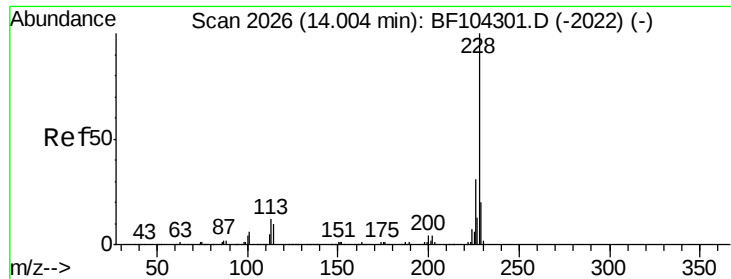
Delta R.T. 0.01 min

Lab File: BF104576.D

Acq: 17 Apr 2018 21:56

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 228  | Resp: | 648554 |
| Ion Ratio |      | Lower | Upper  |
| 228       | 100  |       |        |
| 226       | 46.0 | 22.6  | 33.8#  |
| 229       | 21.7 | 15.8  | 23.6   |





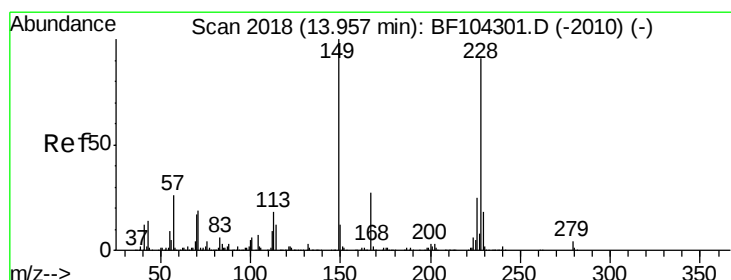
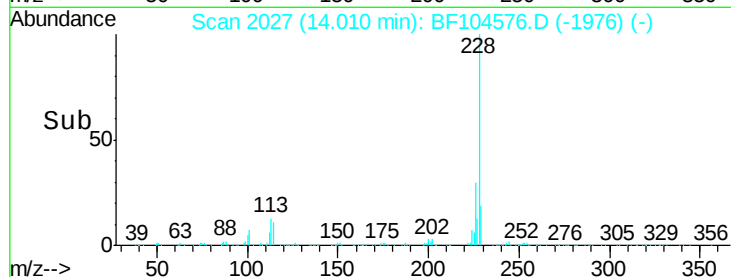
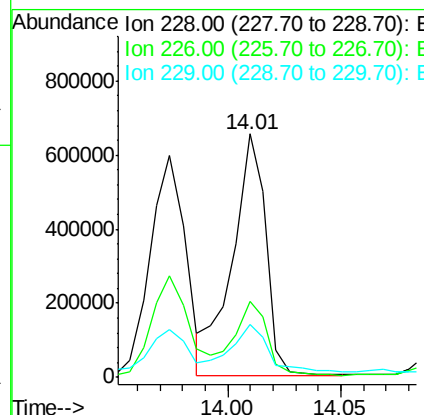
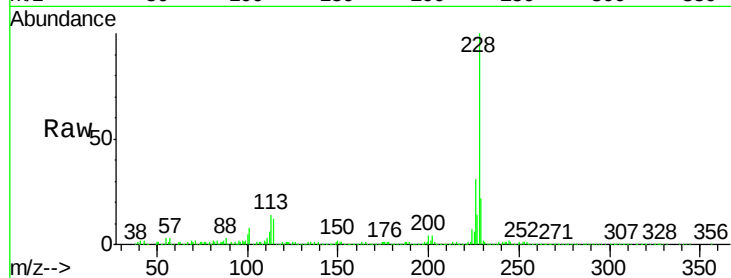
#82  
 Chrvsene  
 Concen: 41.201 ng/ml  
 RT: 14.01 min Scan# 2027  
 Delta R.T. 0.00 min  
 Lab File: BF104576.D  
 Acq: 17 Apr 2018 21:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20180244-AMEND-COMP-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.3  | 25.0  | 37.6  |
| 229     | 21.9  | 16.2  | 24.4  |

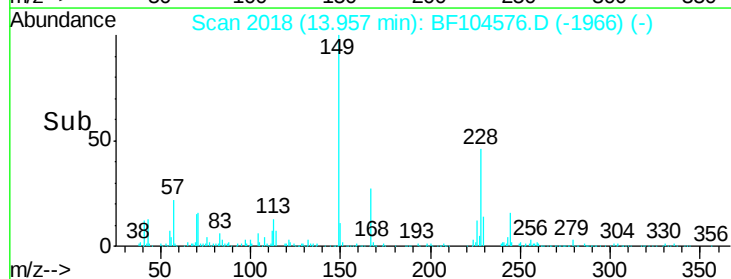
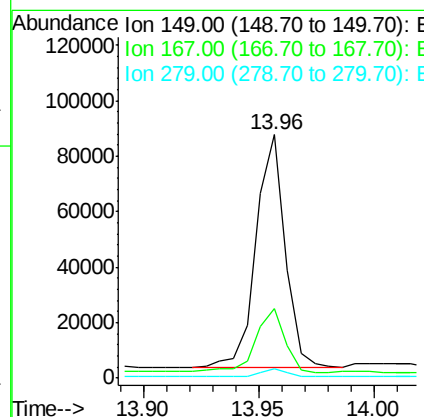
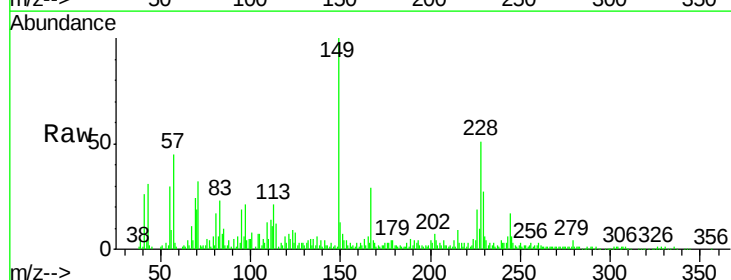
Manual Integrations  
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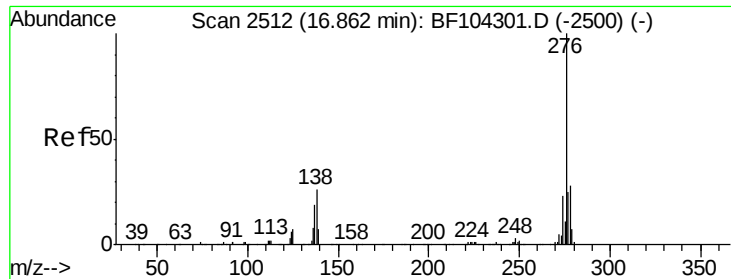
Sohil  
 4/18/2018 3:01:05 PM



#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 6.215 ng  
 RT: 13.96 min Scan# 2018  
 Delta R.T. 0.01 min  
 Lab File: BF104576.D  
 Acq: 17 Apr 2018 21:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.6  | 21.3  | 31.9  |
| 279     | 3.7   | 3.0   | 4.4   |





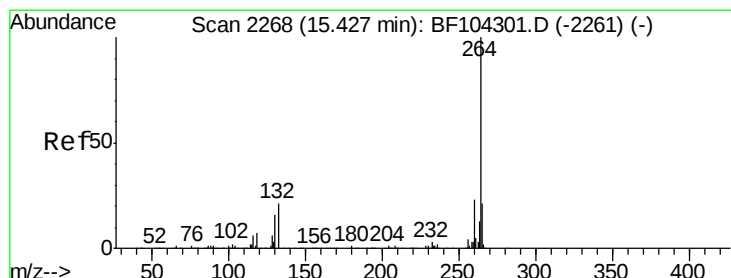
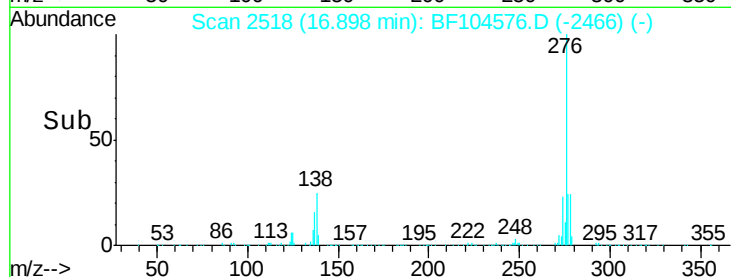
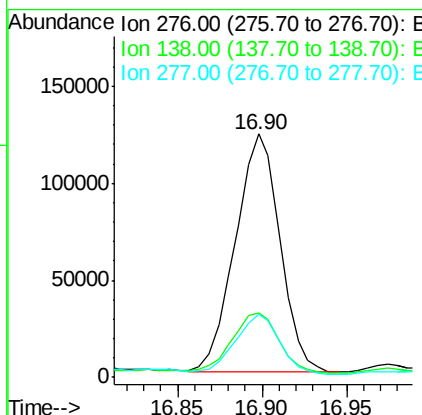
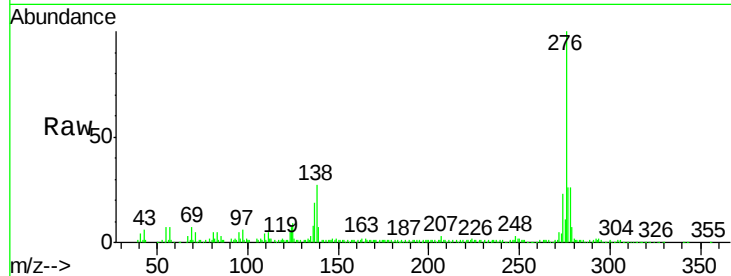
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 16.121 ng  
RT: 16.90 min Scan# 2518  
Delta R.T. 0.01 min  
Lab File: BF104576.D  
Acq: 17 Apr 2018 21:56

Instrument :  
BNA\_F  
ClientSampleId :  
20180244-AMEND-COMP-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 26.8  | 25.0  | 37.6  |
| 277     | 25.1  | 20.1  | 30.1  |

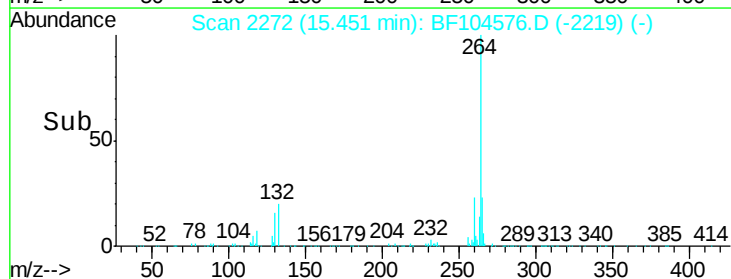
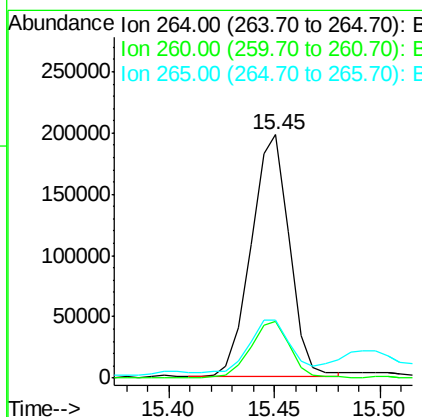
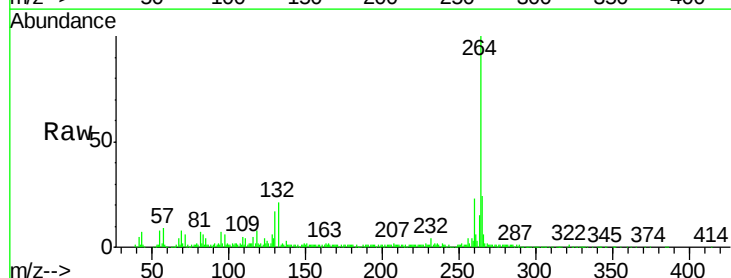
Manual Integrations  
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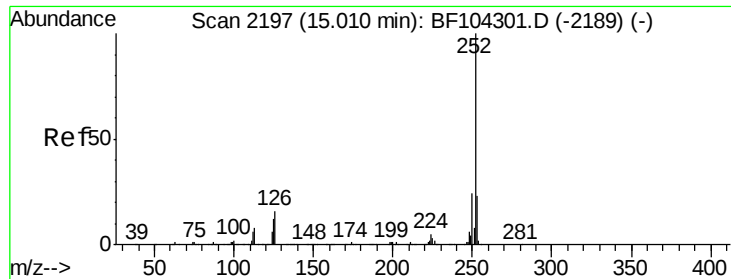
Sohil  
4/18/2018 3:01:05 PM



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.45 min Scan# 2272  
Delta R.T. 0.01 min  
Lab File: BF104576.D  
Acq: 17 Apr 2018 21:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.1  | 19.2  | 28.8  |
| 265     | 23.9  | 17.5  | 26.3  |





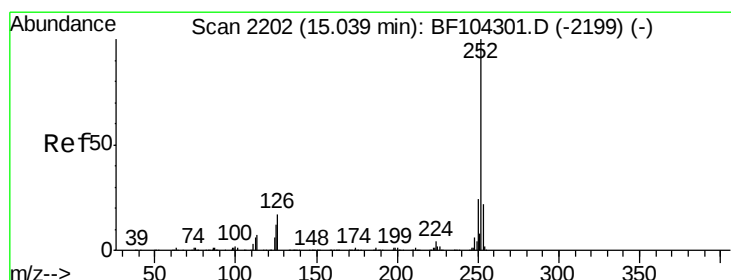
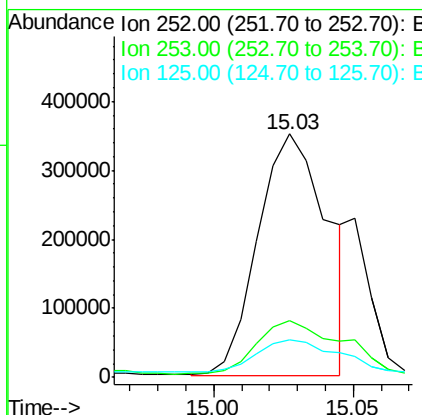
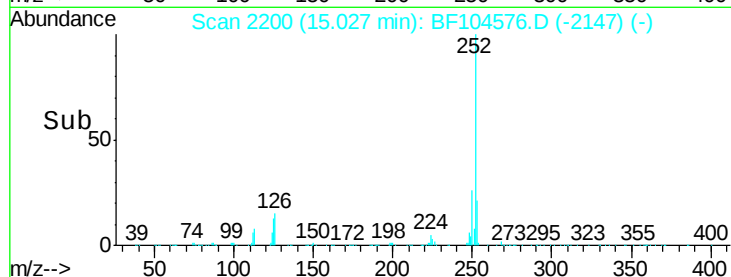
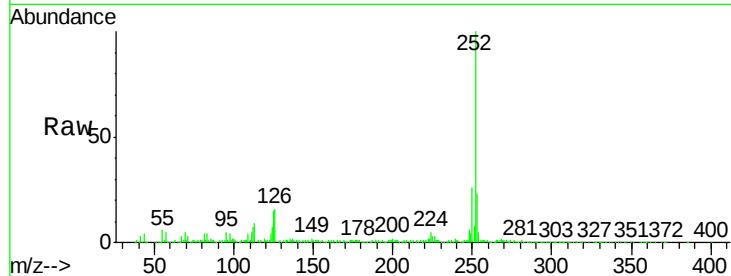
#87  
Benzo(b)fluoranthene  
Concen: 38.603 ng m  
RT: 15.03 min Scan# 2200  
Delta R.T. 0.01 min  
Lab File: BF104576.D  
Acq: 17 Apr 2018 21:56

Instrument :  
BNA\_F  
ClientSampleId :  
20180244-AMEND-COMP-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.2  | 17.0  | 25.6  |
| 125     | 15.3  | 9.0   | 13.6  |

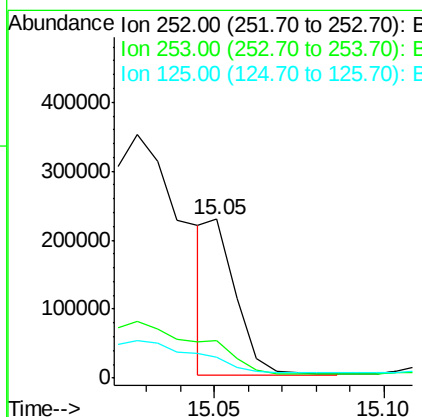
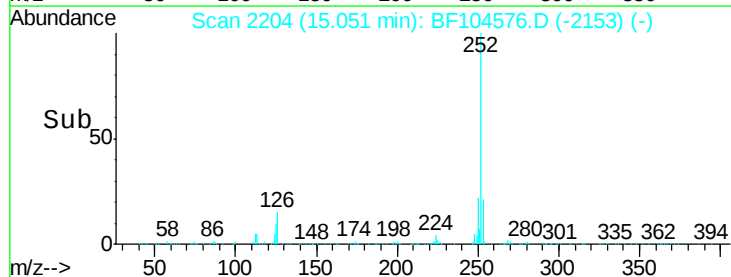
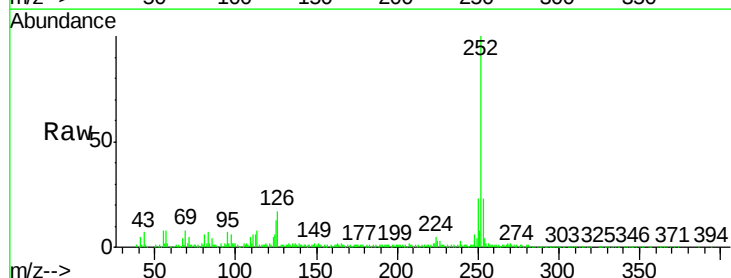
Manual Integrations  
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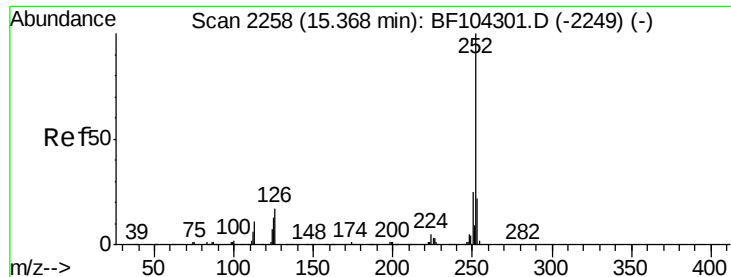
Sohil  
4/18/2018 3:01:05 PM



#88  
Benzo(k)fluoranthene  
Concen: 9.135 ng m  
RT: 15.05 min Scan# 2204  
Delta R.T. 0.00 min  
Lab File: BF104576.D  
Acq: 17 Apr 2018 21:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.3  | 17.9  | 26.9  |
| 125     | 13.5  | 10.2  | 15.2  |





#89

Benzo(a)pyrene

Concen: 42.457 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF104576.D

Acq: 17 Apr 2018 21:56

Instrument :

BNA\_F

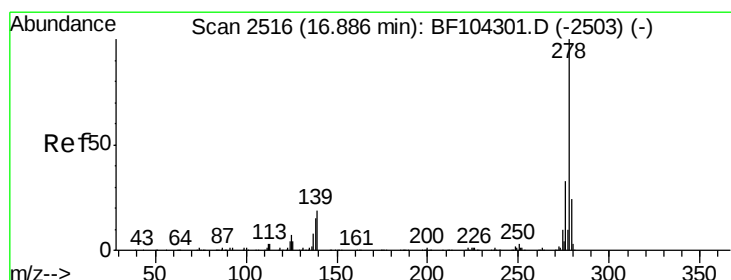
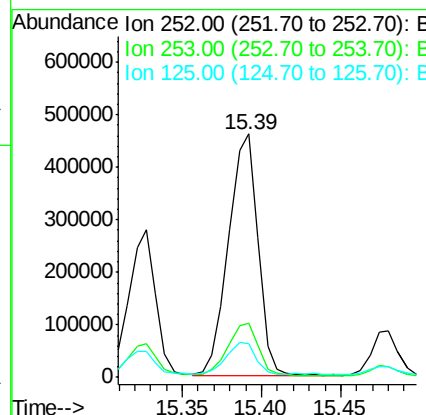
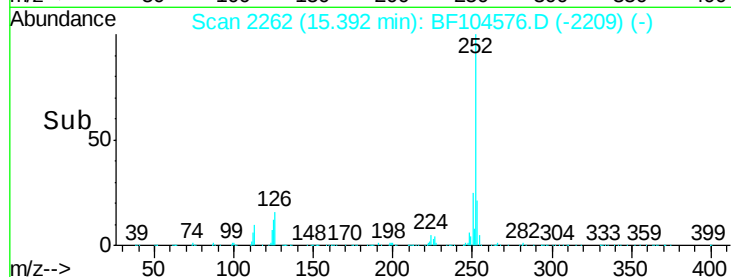
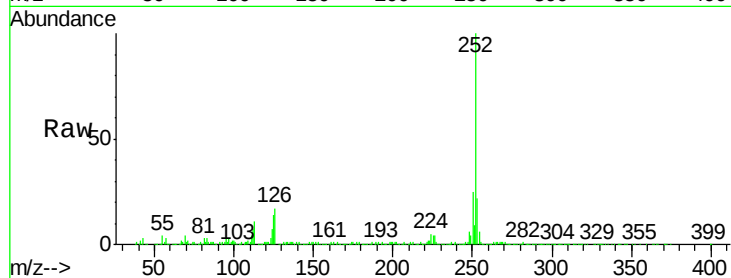
ClientSampleId :

20180244-AMEND-COMP-A

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 592298 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.4  | 17.1  | 25.7   |
| 125       | 13.9  | 9.8   | 14.6   |

Manual Integrations  
APPROVED

Sohil  
4/18/2018 3:01:05 PM



#90

Dibenzo(a,h)anthracene

Concen: 6.180 ng

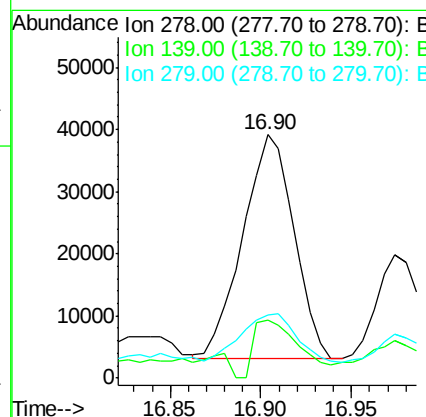
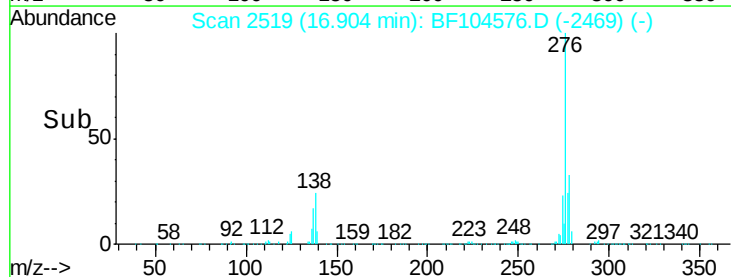
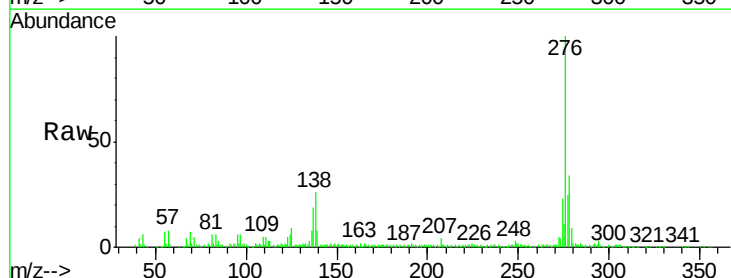
RT: 16.90 min Scan# 2519

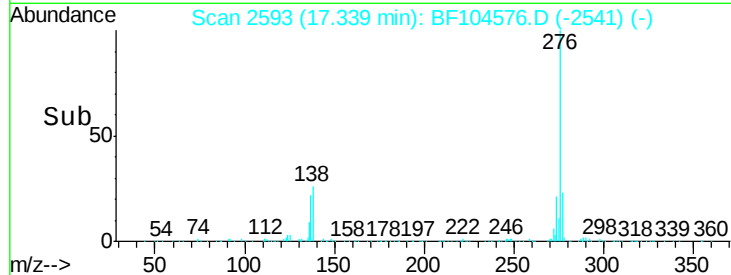
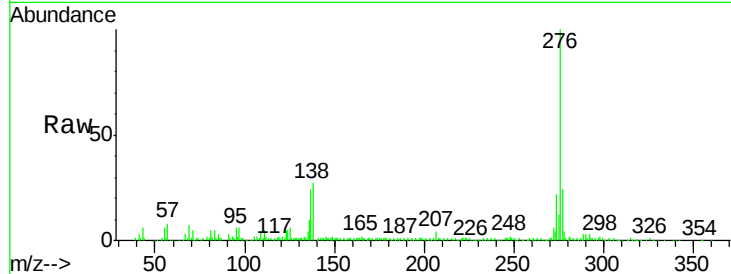
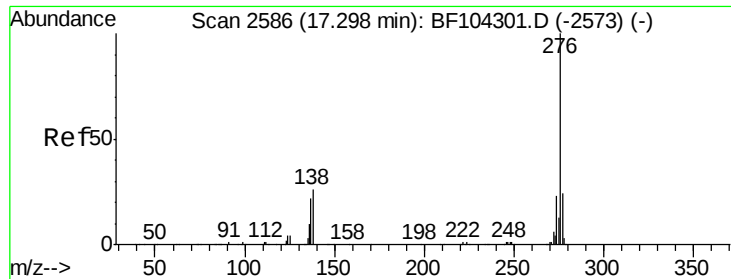
Delta R.T. -0.01 min

Lab File: BF104576.D

Acq: 17 Apr 2018 21:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 70813 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 23.7  | 15.9  | 23.9  |
| 279       | 26.1  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 20.997 ng  
 RT: 17.34 min Scan# 2593  
 Delta R.T. 0.01 min  
 Lab File: BF104576.D  
 Acq: 17 Apr 2018 21:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20180244-AMEND-COMP-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.0  | 17.9  | 26.9  |
| 138     | 26.9  | 21.8  | 32.8  |

Manual Integrations  
 APPROVED

Sohil  
 4/18/2018 3:01:05 PM

