

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100520\  
 Data File : BN012089.D  
 Acq On : 06 Oct 2020 13:40  
 Operator : CG/JU  
 Sample : L4184-16  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AP2

Quant Time: Oct 06 14:17:03 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN100220.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 02 16:22:43 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 411995   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.43 | 136  | 1672293  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.30 | 164  | 956808   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.05 | 188  | 1766168  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.26 | 240  | 1720397  | 20.00 | ng/ul | 0.02     |
| 86) Perylene-d12          | 23.47 | 264  | 1991085  | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.20  | 96  | 27514   | 2.91  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.83  | 99  | 570460  | 16.59 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.00  | 67  | 353401  | 16.73 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.19  | 132 | 467764  | 16.82 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.36  | 113 | 459972  | 16.99 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.80  | 128 | 219997  | 16.57 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.52  | 143 | 238116  | 16.58 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.05 | 165 | 449130  | 16.31 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.57 | 131 | 425548  | 13.11 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.71 | 166 | 1390707 | 18.53 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.99 | 160 | 1646573 | 18.38 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.50 | 143 | 200136  | 14.48 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.29 | 176 | 1129497 | 17.24 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 64492   | 5.72  | ng/ul | 0.01 |
| 71) Anthracene-d10             | 17.15 | 188 | 1574881 | 18.39 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.46 | 212 | 1673341 | 18.49 | ng/ul | 0.01 |
| 90) Benzo(a)pyrene-d12         | 23.33 | 264 | 1805671 | 16.16 | ng/ul | 0.02 |

## Target Compounds

|                                |       |     |          |         | Ovalue |     |
|--------------------------------|-------|-----|----------|---------|--------|-----|
| 6) Phenol                      | 6.86  | 94  | 43765    | 1.224   | ng/ul  | 97  |
| 28) Naphthalene                | 10.48 | 128 | 1034707  | 10.811  | ng/ul  | 99  |
| 34) 2-Methylnaphthalene        | 12.10 | 142 | 711292   | 10.813  | ng/ul  | 93  |
| 35) 1-Methylnaphthalene        | 12.32 | 142 | 641476   | 9.869   | ng/uL  | 99  |
| 41) 1,1'-Biphenyl              | 13.12 | 154 | 325951   | 4.113   | ng/ul  | 99  |
| 45) Dimethylphthalate          | 13.76 | 163 | 612511   | 7.920   | ng/ul  | 100 |
| 48) Acenaphthylene             | 14.02 | 152 | 2104895  | 22.361  | ng/ul  | 98  |
| 50) Acenaphthene               | 14.36 | 153 | 2251921  | 33.286  | ng/ul  | 99  |
| 54) Dibenzofuran               | 14.70 | 168 | 2770784  | 30.019  | ng/ul  | 100 |
| 59) Fluorene                   | 15.35 | 166 | 4588714  | 59.303  | ng/ul  | 99  |
| 61) 4-Nitroaniline             | 15.35 | 138 | 55628    | 3.738   | ng/ul# | 11  |
| 65) N-Nitrosodiphenylamine     | 15.56 | 169 | 102859   | 1.826   | ng/ul# | 14  |
| 70) Phenanthrene               | 17.19 | 178 | 12171248 | 113.117 | ng/ul  | 98  |
| 72) Anthracene                 | 17.19 | 178 | 12151001 | 111.839 | ng/ul  | 98  |
| 75) Carbazole                  | 17.45 | 167 | 2335324  | 24.755  | ng/ul  | 99  |
| 76) Di-n-butylphthalate        | 18.02 | 149 | 678195   | 5.661   | ng/ul# | 93  |
| 77) Fluoranthene               | 19.27 | 202 | 582032   | 4.816   | ng/ul  | 97  |
| 80) Pyrene                     | 19.56 | 202 | 269885   | 2.175   | ng/ul# | 62  |
| 81) Butylbenzylphthalate       | 20.39 | 149 | 111256   | 2.181   | ng/ul# | 94  |
| 83) Benzo(a)anthracene         | 21.24 | 228 | 16230314 | 140.037 | ng/ul# | 82  |
| 84) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 589750   | 7.532   | ng/ul  | 96  |
| 85) Chrysene                   | 21.30 | 228 | 14893920 | 130.717 | ng/ul# | 76  |
| 88) Benzo(b)fluoranthene       | 22.82 | 252 | 18799076 | 134.776 | ng/ul  | 98  |

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Sample : L4184-16  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AP2

Quant Time: Oct 06 14:17:03 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN100220.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Oct 02 16:22:43 2020  
Response via : Initial Calibration

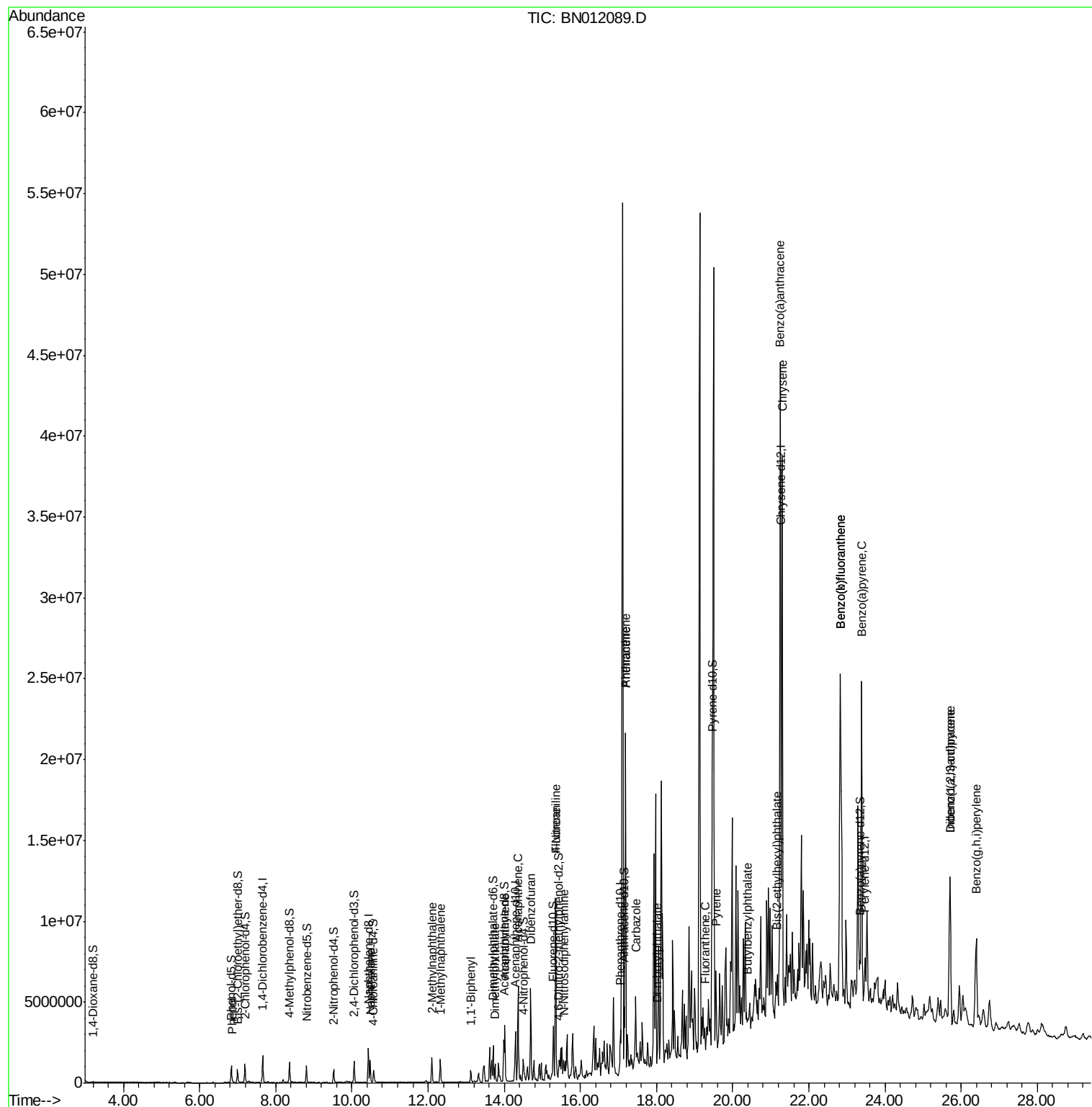
| Internal Standards         | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|----------------------------|-------|------|----------|---------|--------|----------|
| 89) Benzo(k)fluoranthene   | 22.82 | 252  | 18799076 | 136.823 | ng/ul  | 98       |
| 91) Benzo(a)pyrene         | 23.39 | 252  | 13804061 | 109.098 | ng/ul# | 93       |
| 92) Indeno(1,2,3-cd)pyrene | 25.70 | 276  | 8117542  | 50.243  | ng/ul  | 98       |
| 93) Dibenzo(a,h)anthracene | 25.71 | 278  | 2626566  | 19.734  | ng/ul  | 92       |
| 94) Benzo(g,h,i)perylene   | 26.40 | 276  | 6435933  | 46.775  | ng/ul  | 98       |

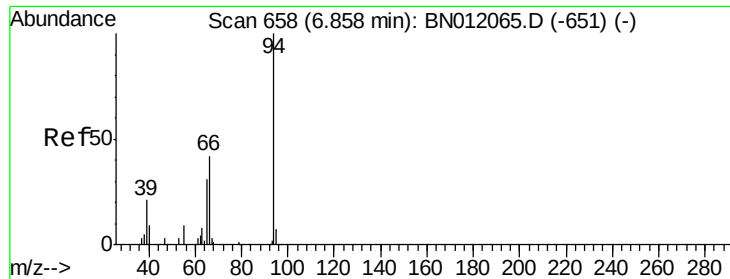
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.224 ng/ul

RT: 6.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BN012089.D

Acq: 06 Oct 2020 13:40

Instrument :

BNA\_N

ClientSampleId :

C0AP2

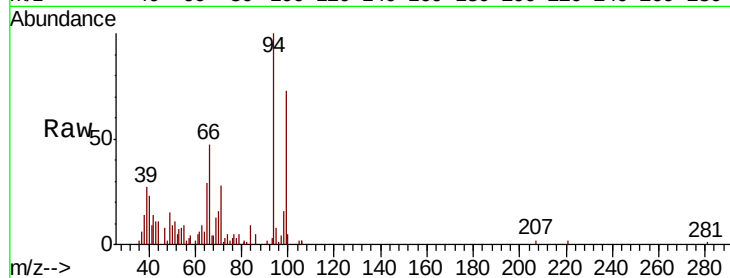
Tot Ion: 94 Resp: 43765

Ion Ratio Lower Upper

94 100

65 28.9 26.8 40.2

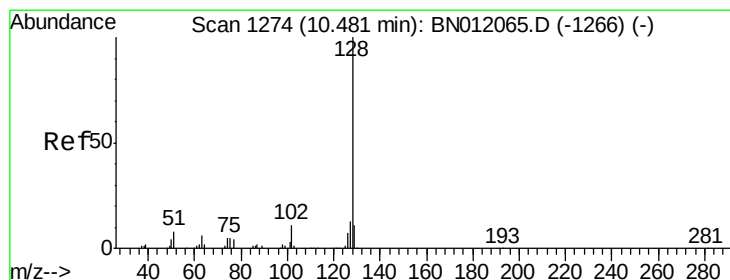
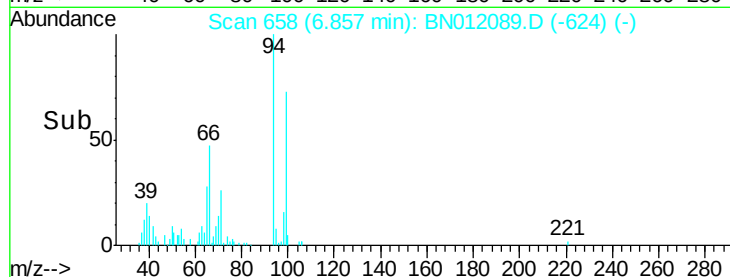
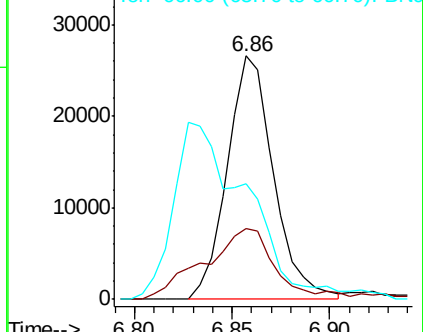
66 47.5 37.9 56.9



Abundance Ion 94.00 (93.70 to 94.70): BN012065.D (-651) (-)

Ion 65.00 (64.70 to 65.70): BN012065.D (-651) (-)

Ion 66.00 (65.70 to 66.70): BN012065.D (-651) (-)



#28

Naphthalene

Concen: 10.811 ng/ul

RT: 10.48 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BN012089.D

Acq: 06 Oct 2020 13:40

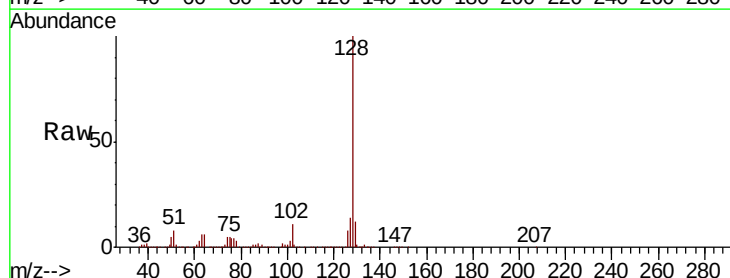
Tgt Ion: 128 Resp: 1034707

Ion Ratio Lower Upper

128 100

129 12.1 8.8 13.2

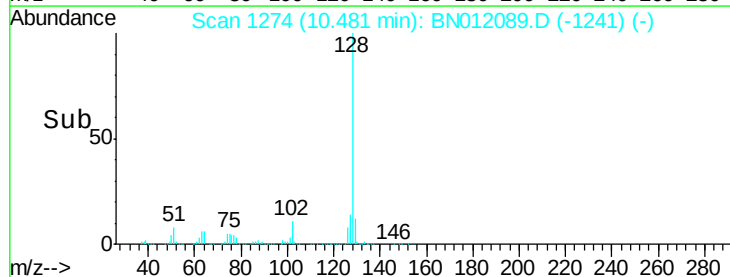
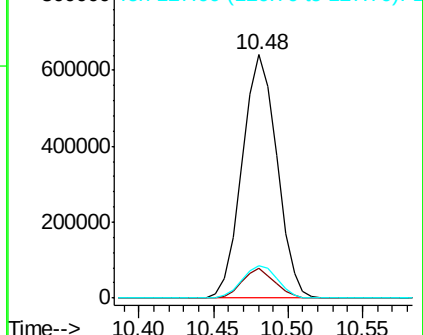
127 13.5 10.7 16.1

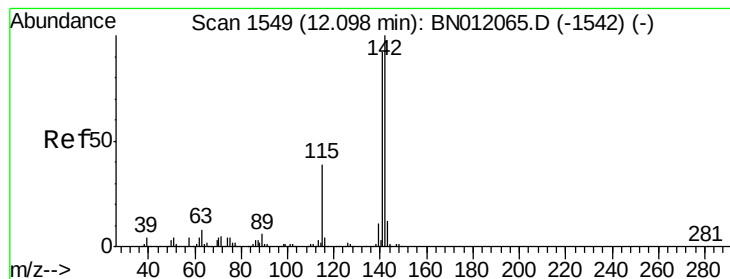


Abundance Ion 128.00 (127.70 to 128.70): BN012065.D (-1266) (-)

Ion 129.00 (128.70 to 129.70): BN012065.D (-1266) (-)

Ion 127.00 (126.70 to 127.70): BN012065.D (-1266) (-)

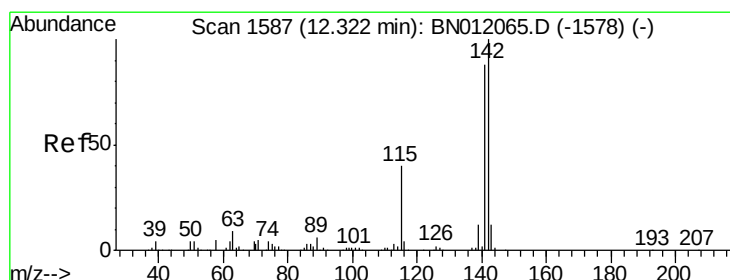
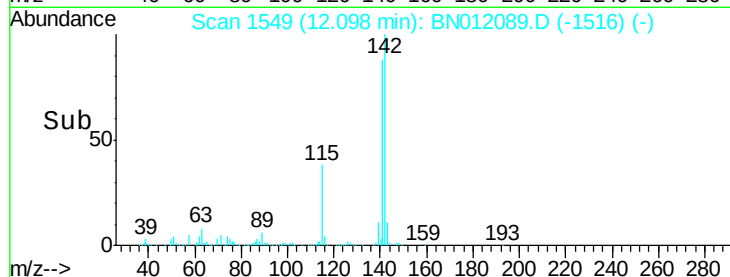
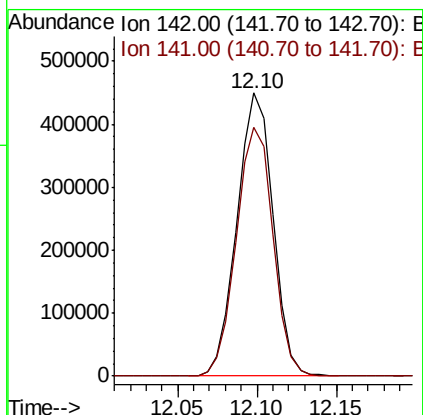
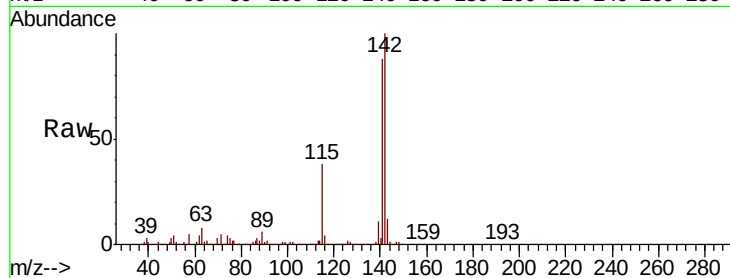




#34  
 2-Methylnaphthalene  
 Concen: 10.813 ng/uL  
 RT: 12.10 min Scan# 1549  
 Delta R.T. -0.01 min  
 Lab File: BN012089.D  
 Acq: 06 Oct 2020 13:40

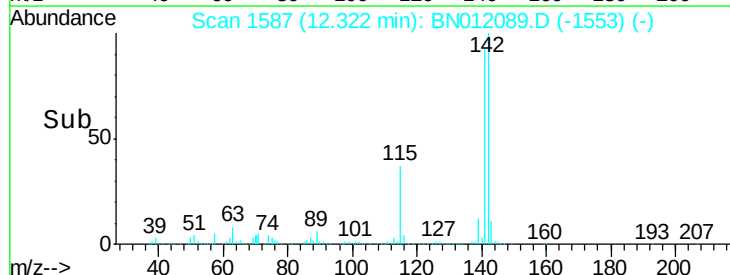
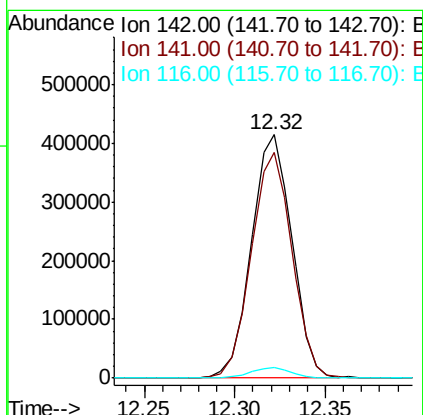
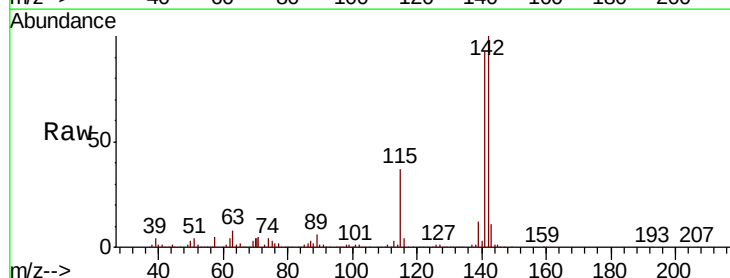
Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AP2

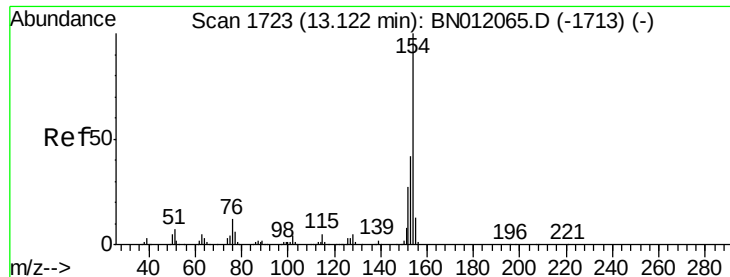
Tot Ion:142 Resp: 711292  
 Ion Ratio Lower Upper  
 142 100  
 141 88.1 75.9 113.9



#35  
 1-Methylnaphthalene  
 Concen: 9.869 ng/uL  
 RT: 12.32 min Scan# 1587  
 Delta R.T. 0.00 min  
 Lab File: BN012089.D  
 Acq: 06 Oct 2020 13:40

Tgt Ion:142 Resp: 641476  
 Ion Ratio Lower Upper  
 142 100  
 141 93.5 75.2 112.8  
 116 4.4 3.4 5.2

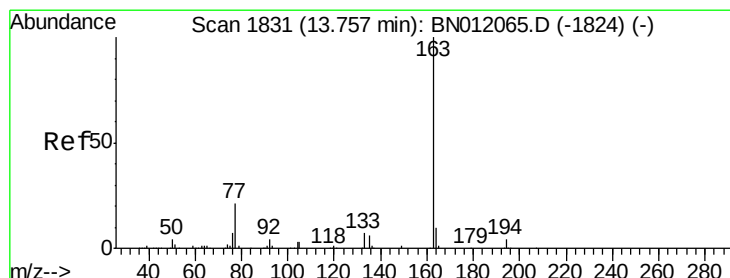
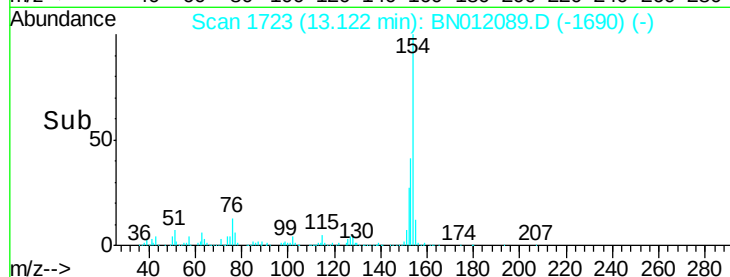
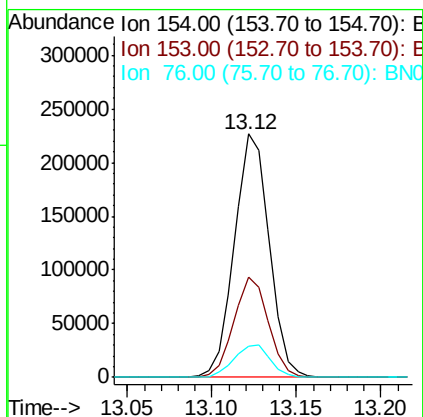
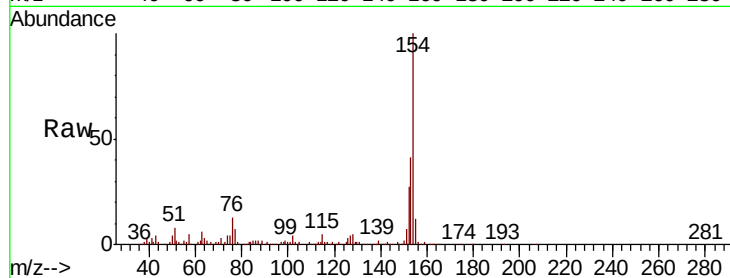




#41  
 1,1'-Biphenyl  
 Concen: 4.113 ng/ul  
 RT: 13.12 min Scan# 1723  
 Delta R.T. -0.01 min  
 Lab File: BN012089.D  
 Acq: 06 Oct 2020 13:40

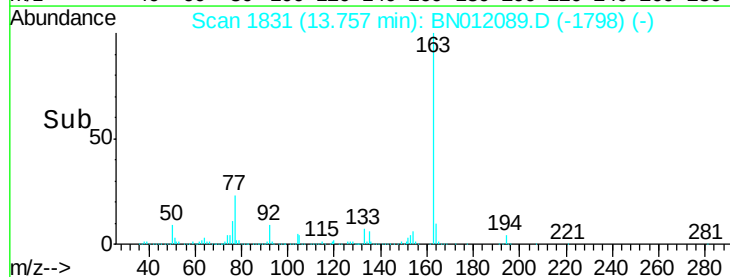
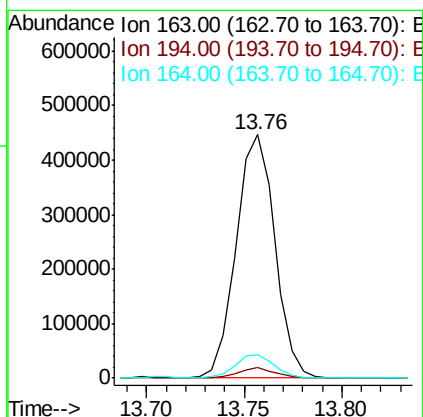
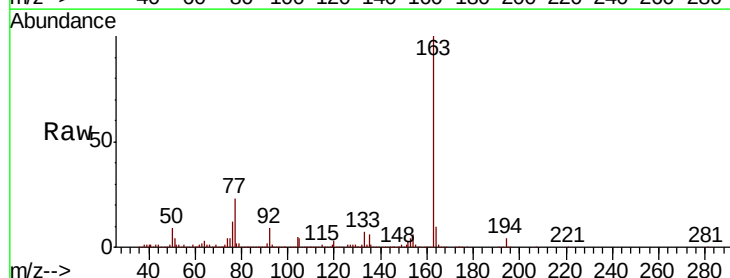
Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AP2

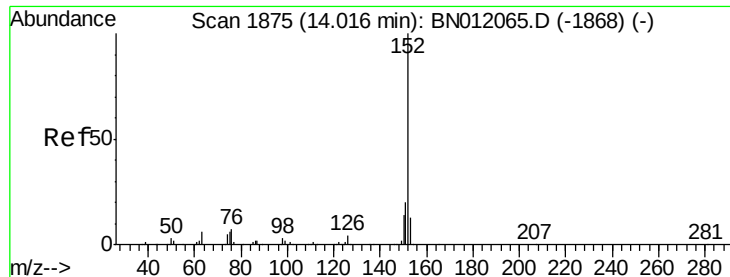
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.4  | 33.9  | 50.9  |
| 76      | 12.7  | 9.8   | 14.8  |



#45  
 Dimethylphthalate  
 Concen: 7.920 ng/ul  
 RT: 13.76 min Scan# 1831  
 Delta R.T. -0.01 min  
 Lab File: BN012089.D  
 Acq: 06 Oct 2020 13:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.2   | 3.4   | 5.0   |
| 164     | 9.7   | 7.8   | 11.8  |





#48

Acenaphthylene

Concen: 22.361 ng/ul

RT: 14.02 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BN012089.D

Acq: 06 Oct 2020 13:40

Instrument :

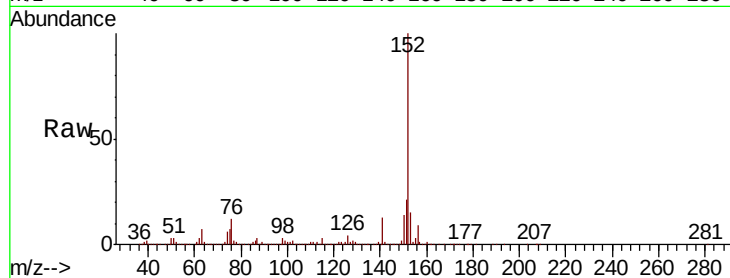
BNA\_N

ClientSampleId :

C0AP2

Tot Ion:152 Resp: 2104895

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 21.4  | 16.3  | 24.5  |
| 153 | 14.9  | 11.4  | 17.2  |

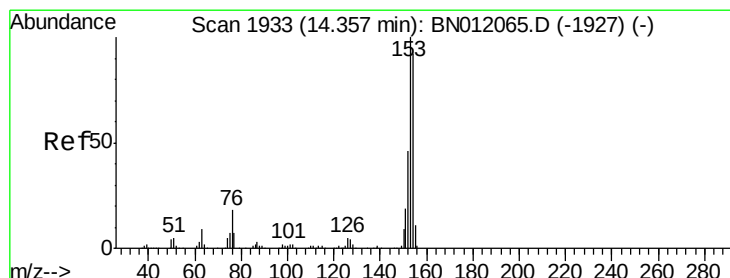
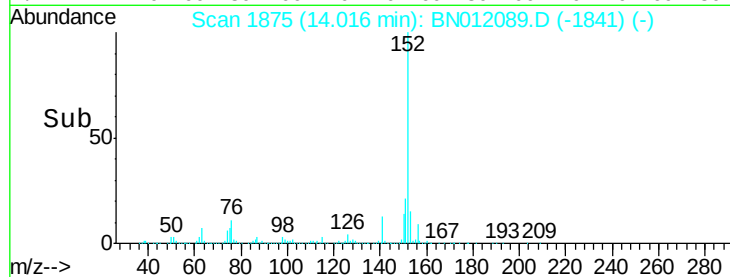
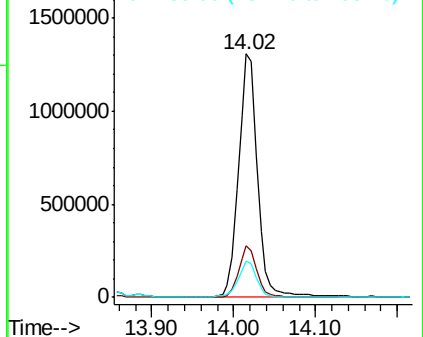


Abundance

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



#50

Acenaphthene

Concen: 33.286 ng/ul

RT: 14.36 min Scan# 1934

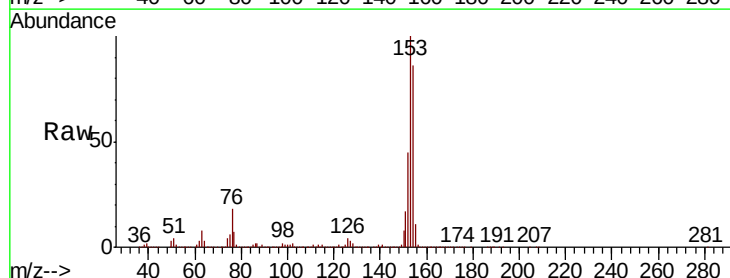
Delta R.T. 0.00 min

Lab File: BN012089.D

Acq: 06 Oct 2020 13:40

Tgt Ion:153 Resp: 2251921

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 153 | 100   |       |       |
| 152 | 45.2  | 35.9  | 53.9  |
| 154 | 86.0  | 70.2  | 105.2 |

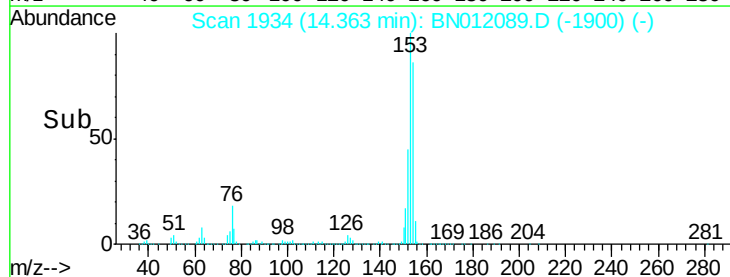
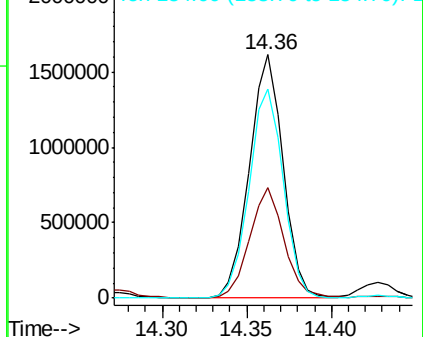


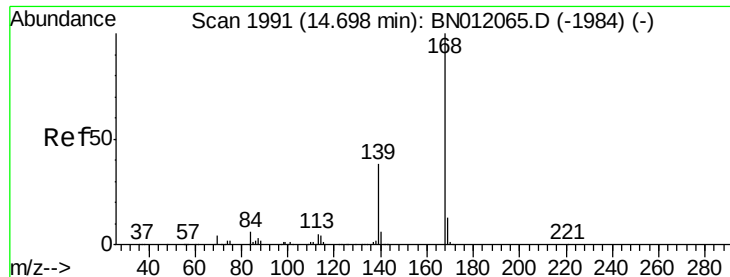
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 30.019 ng/ul

RT: 14.70 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BN012089.D

Acq: 06 Oct 2020 13:40

Instrument :

BNA\_N

ClientSampleId :

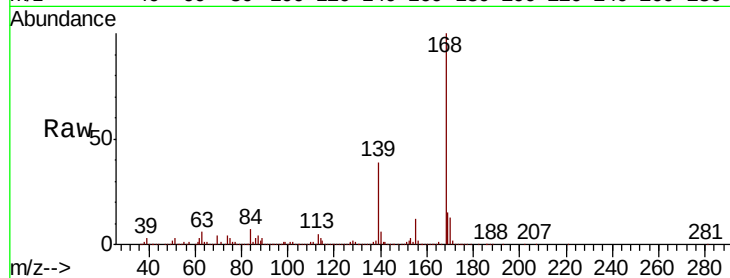
C0AP2

Tot Ion:168 Resp: 2770784

Ion Ratio Lower Upper

168 100

139 39.2 31.5 47.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

2000000

1500000

1000000

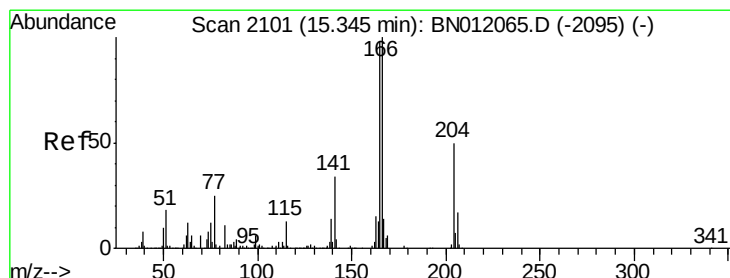
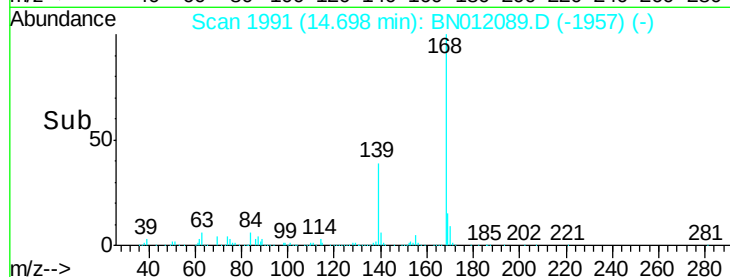
500000

0

14.60

14.70

Time-->



#59

Fluorene

Concen: 59.303 ng/ul

RT: 15.35 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BN012089.D

Acq: 06 Oct 2020 13:40

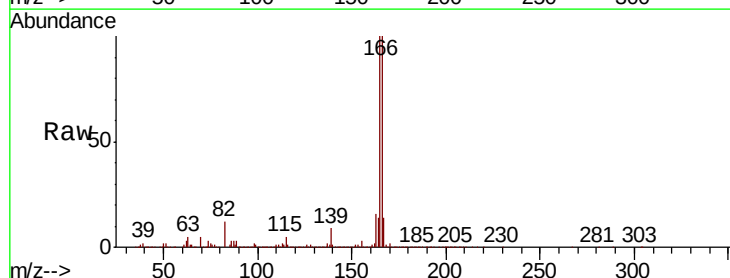
Tgt Ion:166 Resp: 4588714

Ion Ratio Lower Upper

166 100

165 99.9 79.0 118.6

167 14.2 10.5 15.7



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

4000000

3000000

2000000

1000000

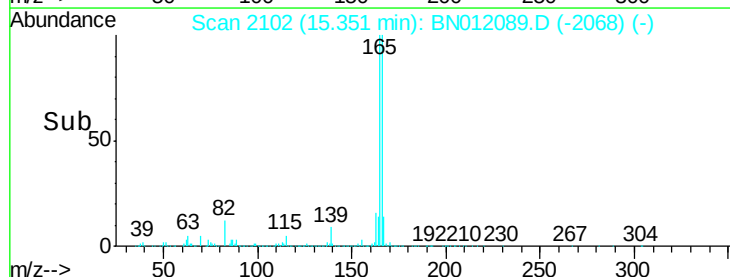
0

15.30

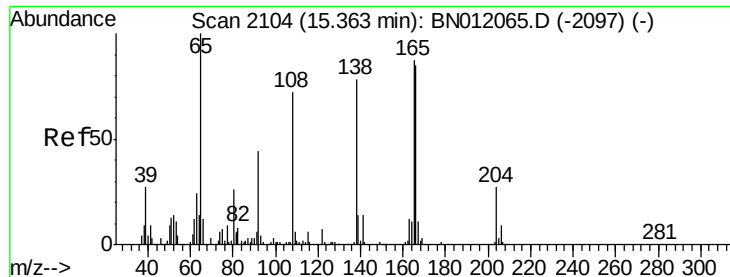
15.35

15.40

Time-->



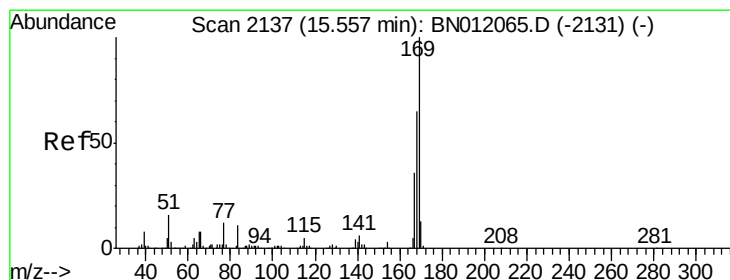
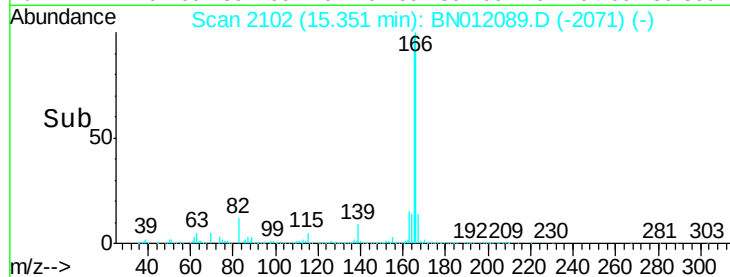
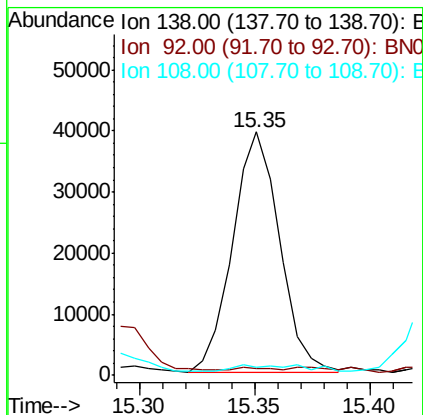
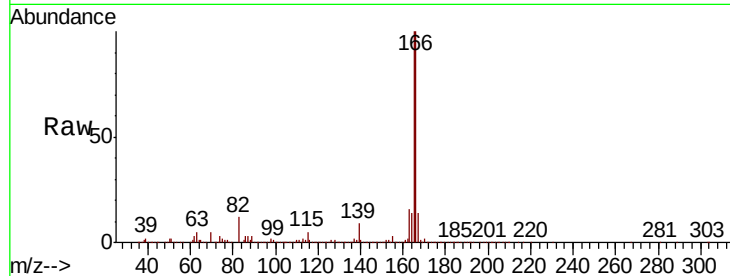




#61  
4-Nitroaniline  
Concen: 3.738 ng/ul  
RT: 15.35 min Scan# 2102  
Delta R.T. -0.02 min  
Lab File: BN012089.D  
Acq: 06 Oct 2020 13:40

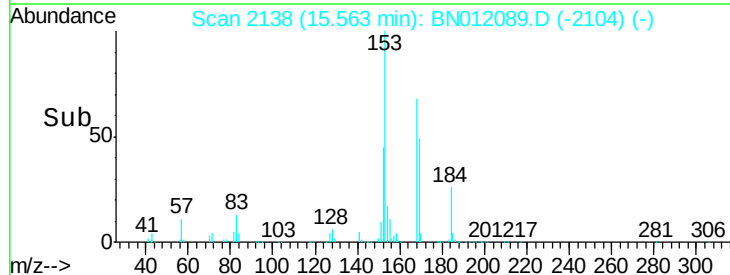
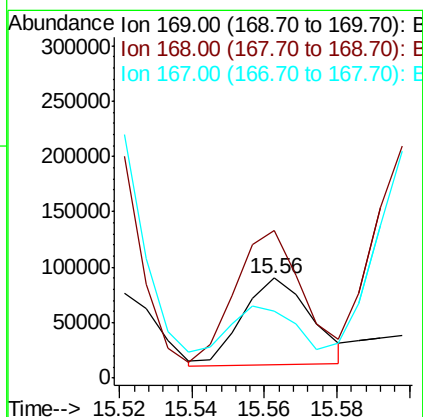
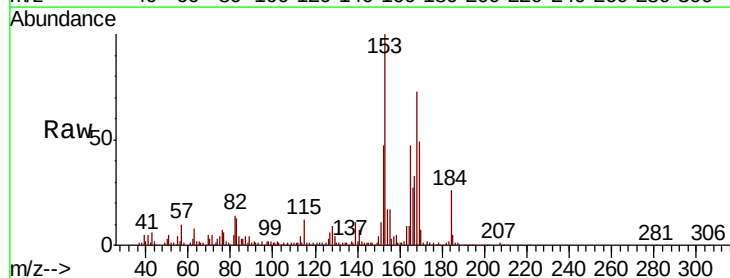
Instrument :  
BNA\_N  
ClientSampled :  
C0AP2

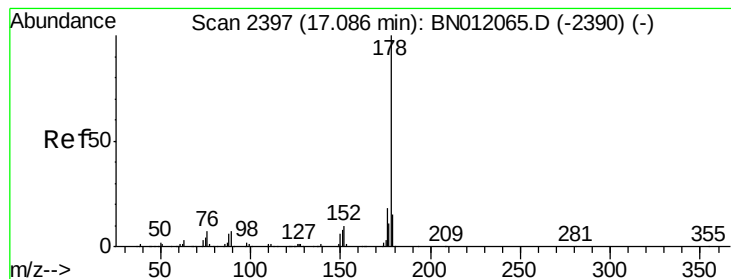
Tot Ion:138 Resp: 55628  
Ion Ratio Lower Upper  
138 100  
92 2.7 47.1 70.7#  
108 3.4 80.7 121.1#



#65  
N-Nitrosodiphenylamine  
Concen: 1.826 ng/ul  
RT: 15.56 min Scan# 2138  
Delta R.T. 0.00 min  
Lab File: BN012089.D  
Acq: 06 Oct 2020 13:40

Tgt Ion:169 Resp: 102859  
Ion Ratio Lower Upper  
169 100  
168 147.3 52.8 79.2#  
167 67.4 27.8 41.8#





#70

Phenanthrene

Concen: 113.117 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. 0.10 min

Lab File: BN012089.D

Acq: 06 Oct 2020 13:40

Instrument :

BNA\_N

ClientSampleId :

C0AP2

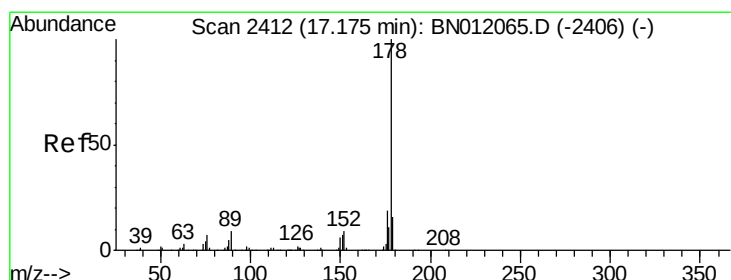
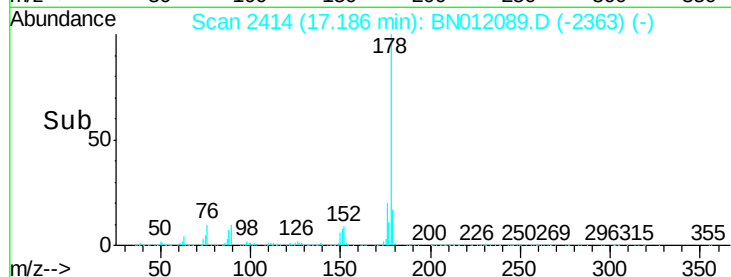
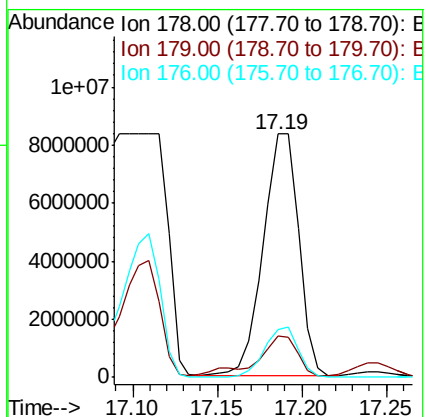
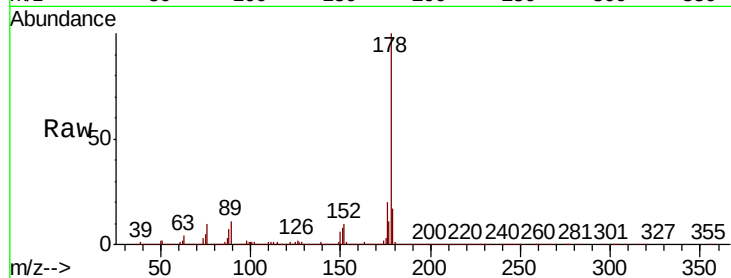
Tot Ion:178 Resp:12171248

Ion Ratio Lower Upper

178 100

179 17.2 12.2 18.2

176 19.5 15.4 23.2



#72

Anthracene

Concen: 111.839 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. 0.01 min

Lab File: BN012089.D

Acq: 06 Oct 2020 13:40

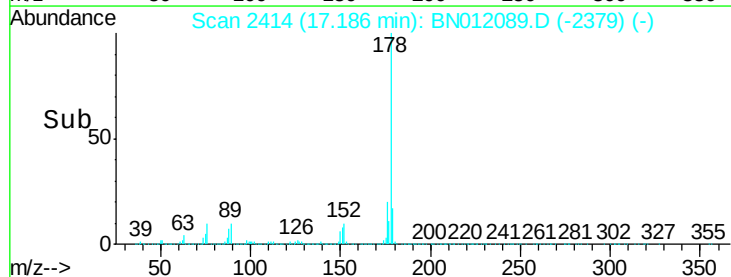
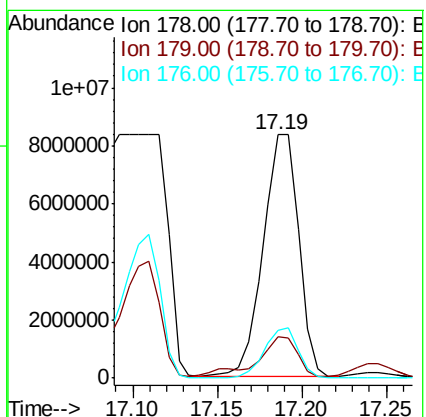
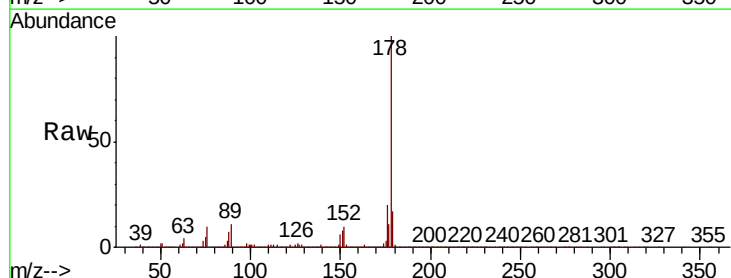
Tgt Ion:178 Resp:12151001

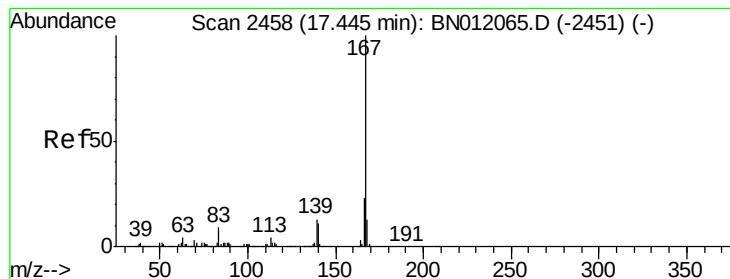
Ion Ratio Lower Upper

178 100

179 17.2 12.8 19.2

176 19.5 15.0 22.6





#75

Carbazole

Concen: 24.755 ng/ul

RT: 17.45 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BN012089.D

Acq: 06 Oct 2020 13:40

Instrument :

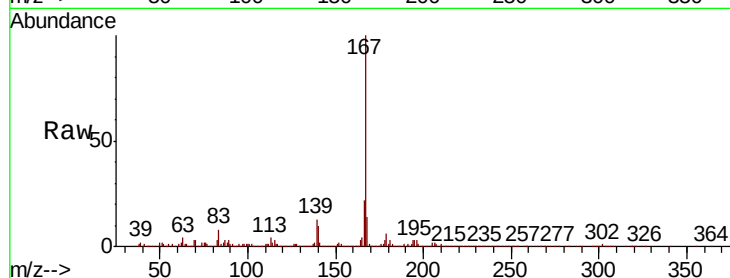
BNA\_N

ClientSampleId :

C0AP2

Tot Ion:167 Resp: 2335324

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.0  | 17.4  | 26.0  |
| 139 | 13.3  | 10.9  | 16.3  |

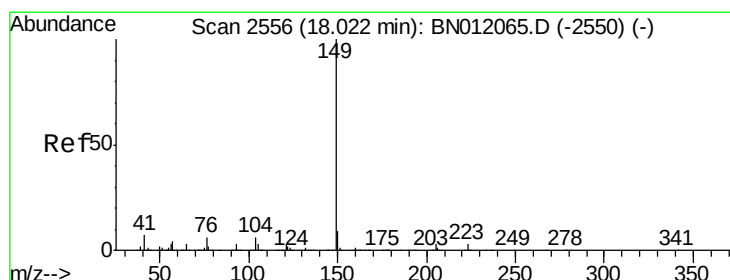
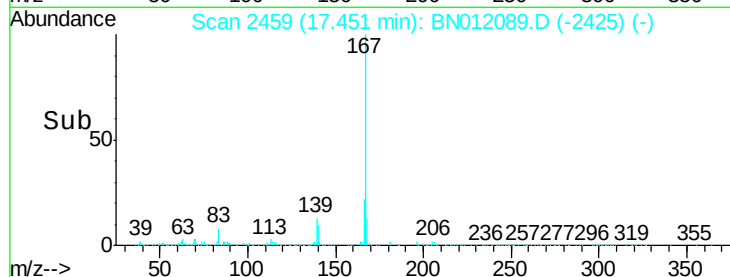
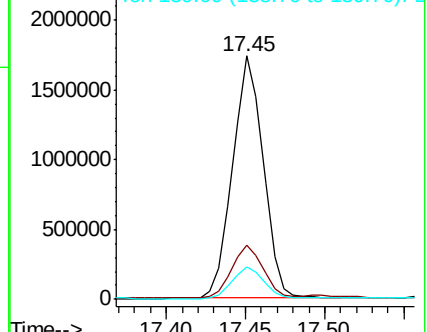


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#76

Di-n-butylphthalate

Concen: 5.661 ng/ul

RT: 18.02 min Scan# 2556

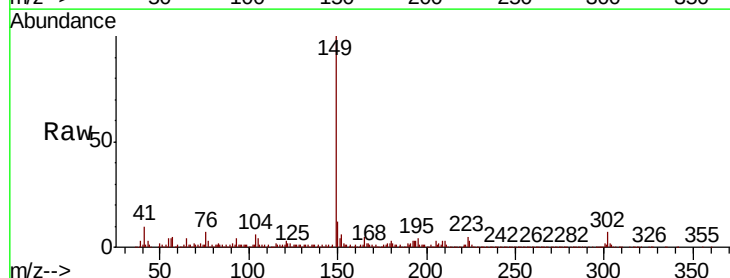
Delta R.T. 0.00 min

Lab File: BN012089.D

Acq: 06 Oct 2020 13:40

Tgt Ion:149 Resp: 678195

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 12.2  | 7.0   | 10.6# |
| 104 | 6.1   | 4.3   | 6.5   |

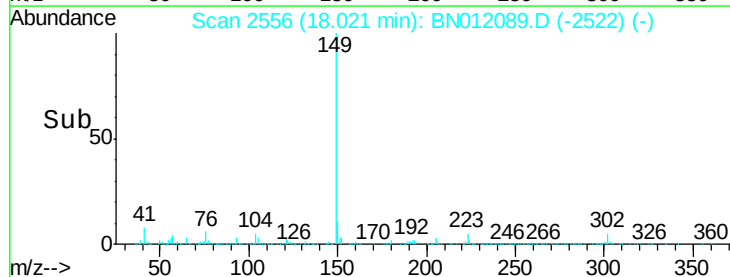
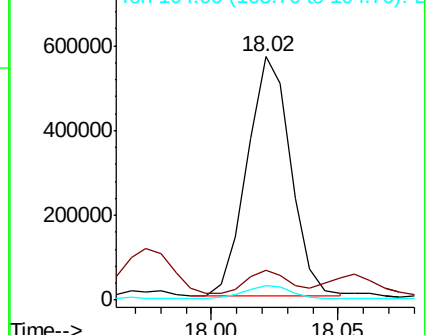


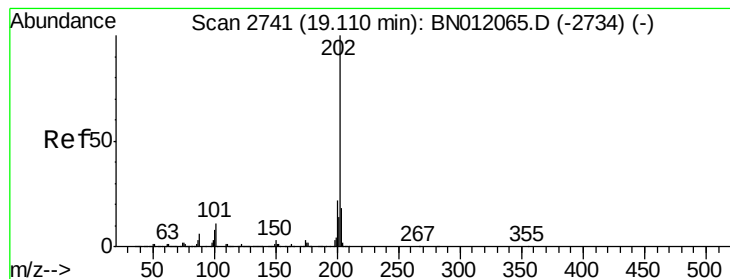
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#77

Fluoranthene

Concen: 4.816 ng/ul

RT: 19.27 min Scan# 2768

Delta R.T. 0.16 min

Lab File: BN012089.D

Acq: 06 Oct 2020 13:40

Instrument :

BNA\_N

ClientSampleId :

C0AP2

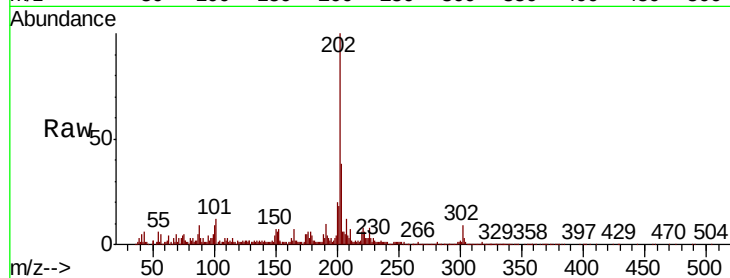
Tot Ion:202 Resp: 582032

Ion Ratio Lower Upper

202 100

101 12.5 8.6 13.0

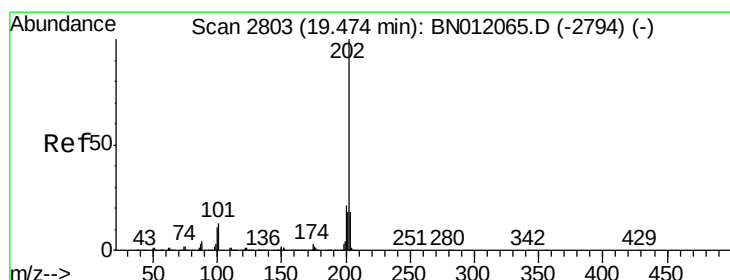
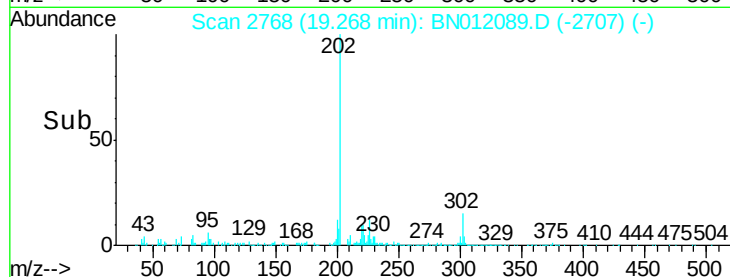
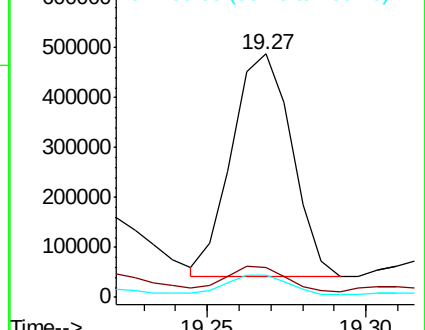
100 9.0 6.6 9.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 2.175 ng/ul

RT: 19.56 min Scan# 2818

Delta R.T. 0.09 min

Lab File: BN012089.D

Acq: 06 Oct 2020 13:40

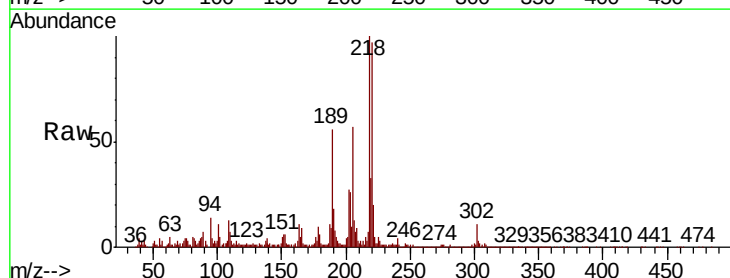
Tgt Ion:202 Resp: 269885

Ion Ratio Lower Upper

202 100

101 40.2 10.2 15.2#

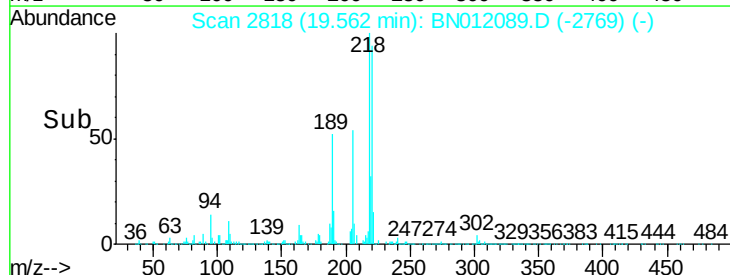
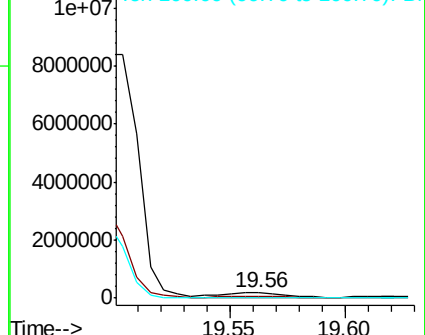
100 11.2 8.8 13.2

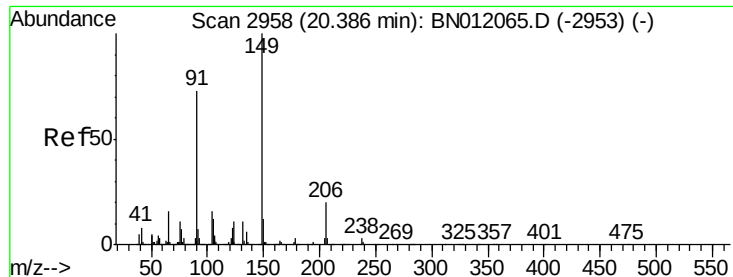


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

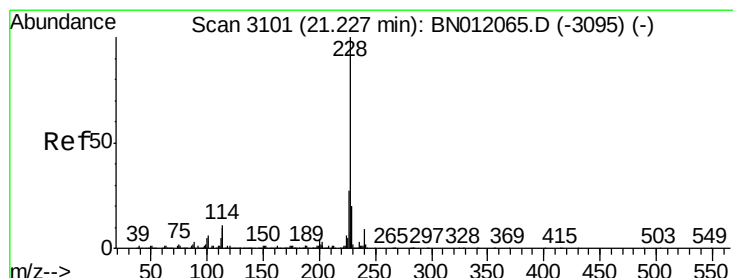
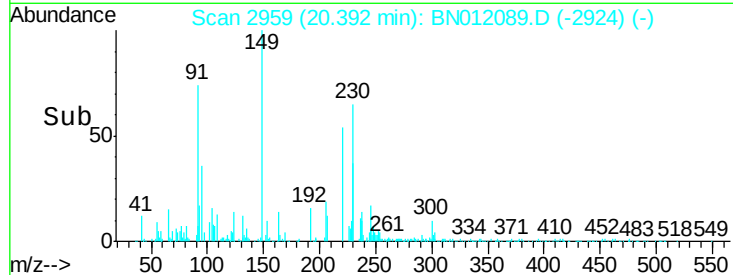
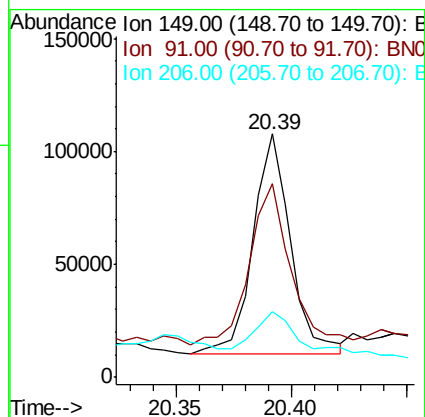
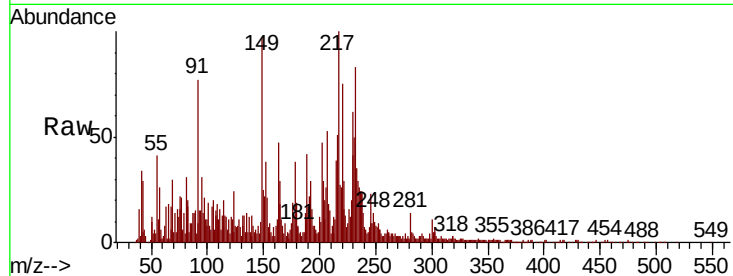




#81  
Butylbenzylphthalate  
Concen: 2.181 ng/ul  
RT: 20.39 min Scan# 2959  
Delta R.T. 0.01 min  
Lab File: BN012089.D  
Acq: 06 Oct 2020 13:40

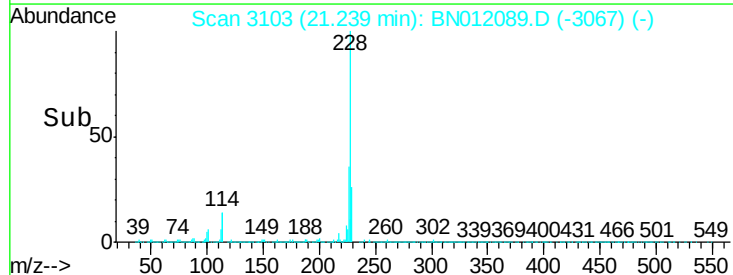
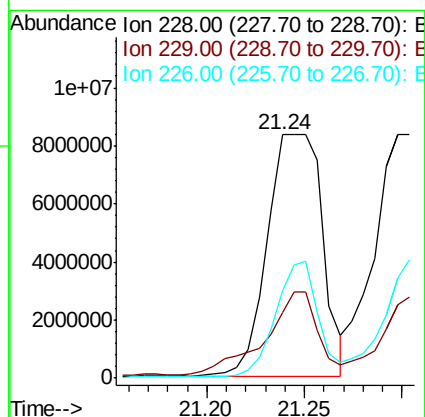
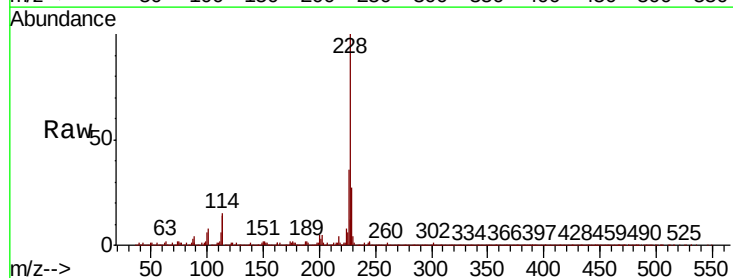
Instrument :  
BNA\_N  
ClientSampled :  
C0AP2

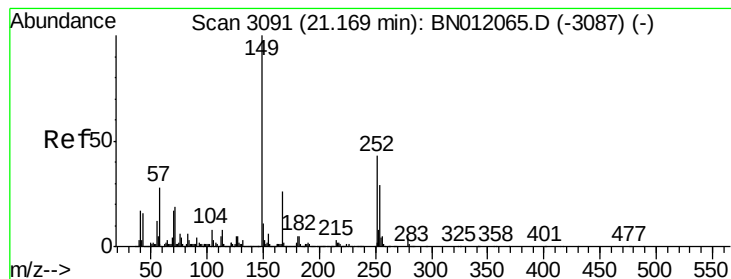
Tot Ion:149 Resp: 111256  
Ion Ratio Lower Upper  
149 100  
91 79.7 62.0 93.0  
206 27.1 15.4 23.0#



#83  
Benzo(a)anthracene  
Concen: 140.037 ng/ul  
RT: 21.24 min Scan# 3103  
Delta R.T. 0.01 min  
Lab File: BN012089.D  
Acq: 06 Oct 2020 13:40

Tgt Ion:228 Resp:16230314  
Ion Ratio Lower Upper  
228 100  
229 27.0 15.4 23.2#  
226 35.8 21.2 31.8#





#84

Bis(2-ethylhexyl)phthalate

Concen: 7.532 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BN012089.D

Acq: 06 Oct 2020 13:40

Instrument :

BNA\_N

ClientSampleId :

C0AP2

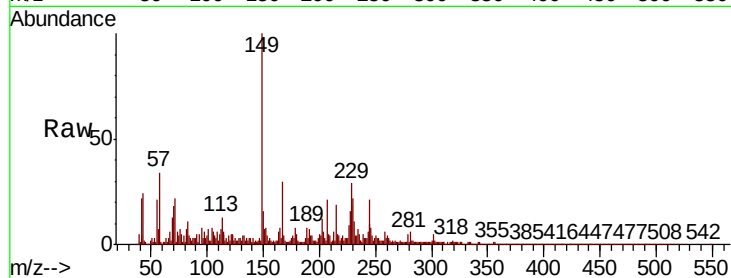
Tot Ion:149 Resp: 589750

Ion Ratio Lower Upper

149 100

167 29.8 22.0 33.0

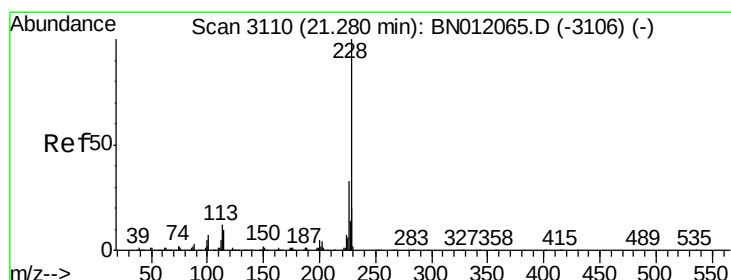
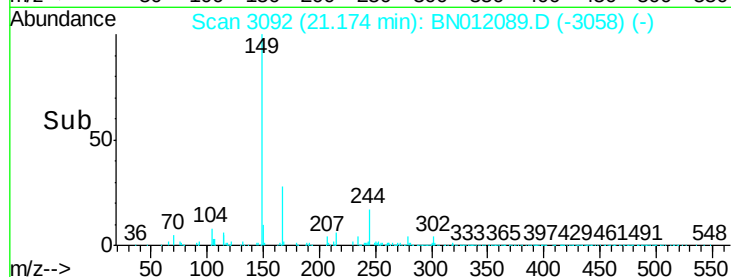
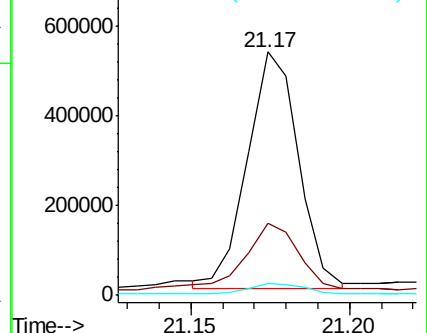
279 4.9 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 130.717 ng/ul

RT: 21.30 min Scan# 3113

Delta R.T. 0.02 min

Lab File: BN012089.D

Acq: 06 Oct 2020 13:40

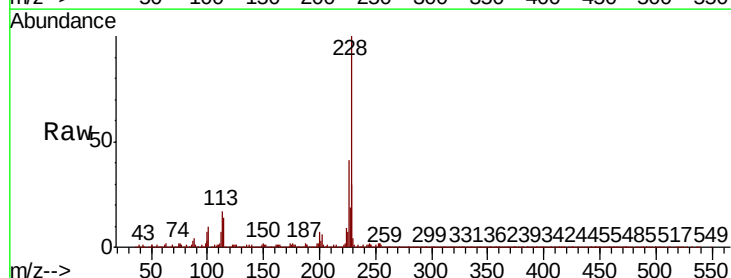
Tgt Ion:228 Resp:14893920

Ion Ratio Lower Upper

228 100

226 41.2 23.3 34.9#

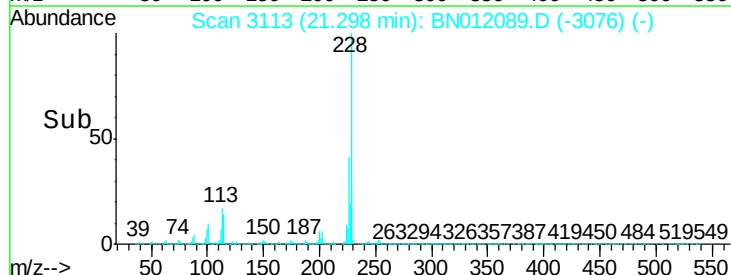
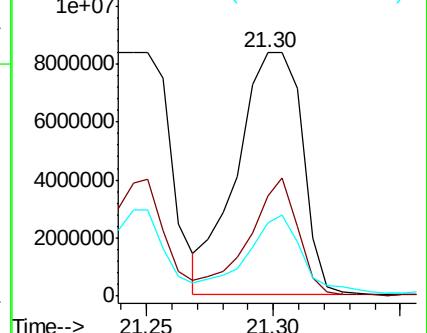
229 29.9 15.0 22.4#

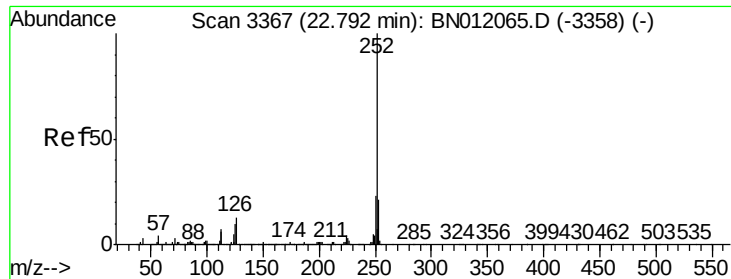


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 134.776 ng/ul

RT: 22.82 min Scan# 3372

Delta R.T. 0.03 min

Lab File: BN012089.D

Acq: 06 Oct 2020 13:40

Instrument :

BNA\_N

ClientSampleId :

C0AP2

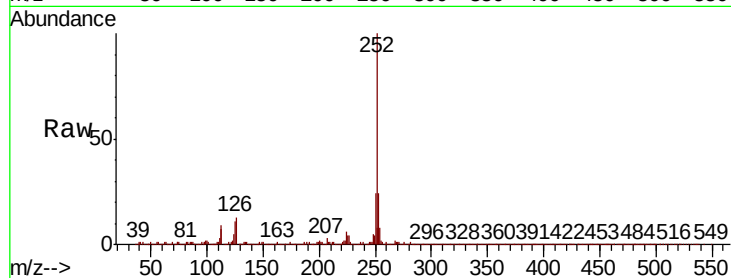
Tot Ion:252 Resp:18799076

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.8

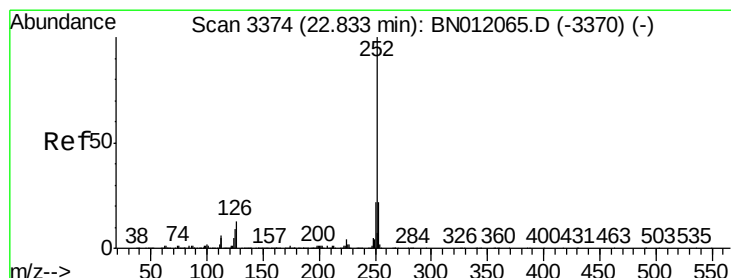
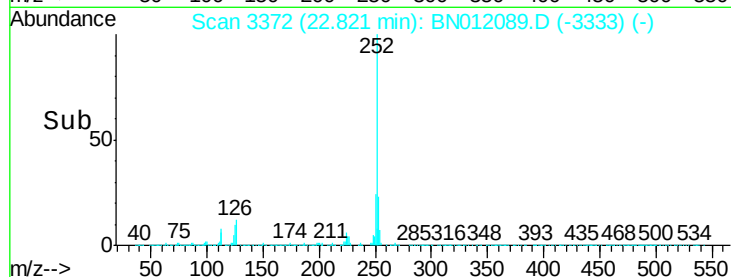
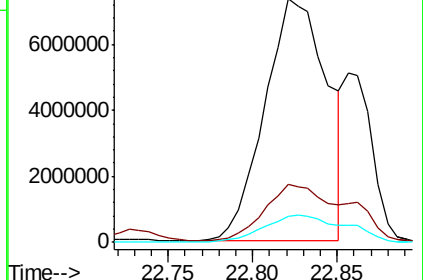
125 10.7 8.1 12.1



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



#89

Benzo(k)fluoranthene

Concen: 136.823 ng/ul

RT: 22.82 min Scan# 3372

Delta R.T. -0.02 min

Lab File: BN012089.D

Acq: 06 Oct 2020 13:40

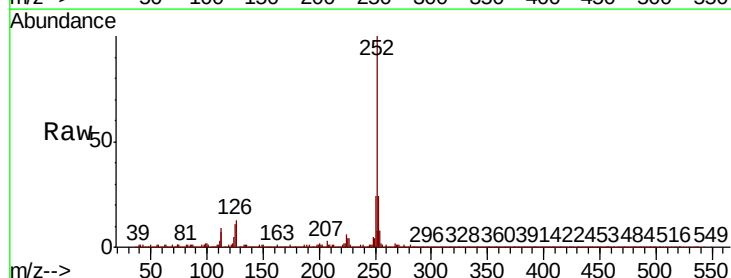
Tgt Ion:252 Resp:18799076

Ion Ratio Lower Upper

252 100

253 23.7 18.1 27.1

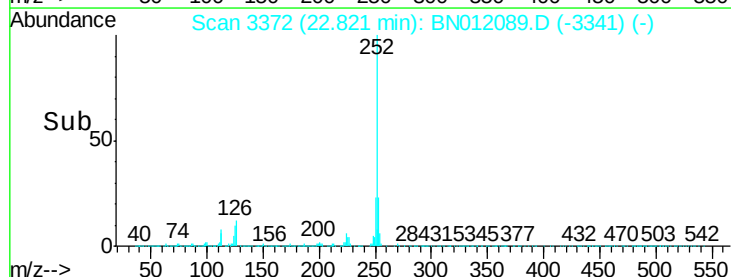
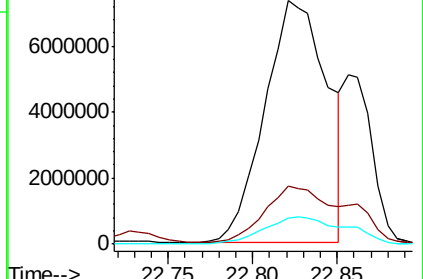
125 10.7 7.7 11.5

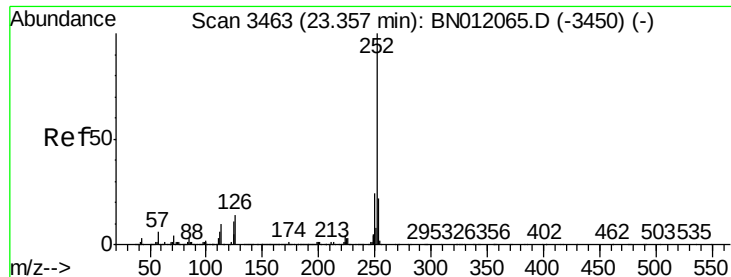


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 109.098 ng/ul

RT: 23.39 min Scan# 3469

Delta R.T. 0.04 min

Lab File: BN012089.D

Acq: 06 Oct 2020 13:40

Instrument :

BNA\_N

ClientSampleId :

C0AP2

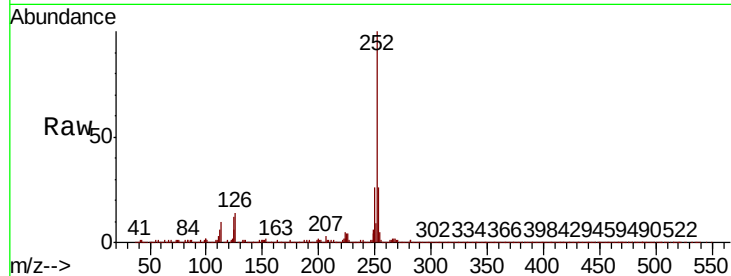
Tot Ion:252 Resp:13804061

Ion Ratio Lower Upper

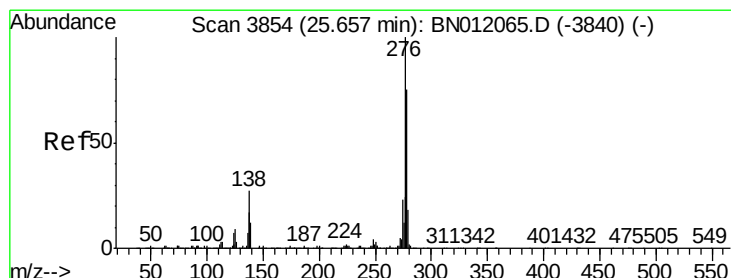
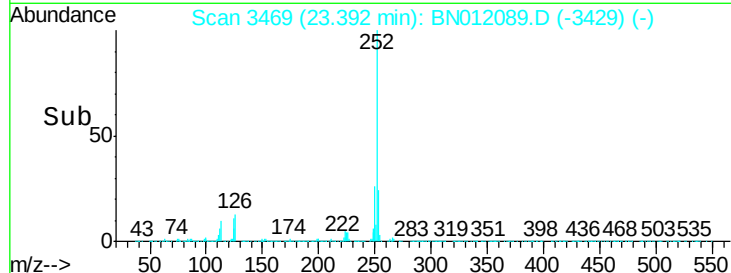
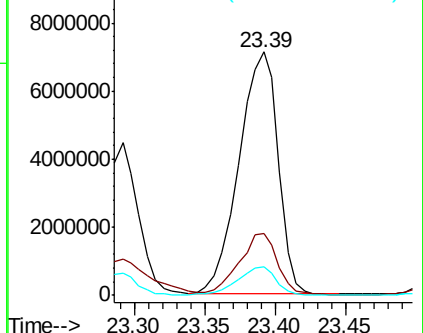
252 100

253 25.6 16.6 24.8#

125 11.7 9.0 13.6



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 50.243 ng/ul

RT: 25.70 min Scan# 3862

Delta R.T. 0.05 min

Lab File: BN012089.D

Acq: 06 Oct 2020 13:40

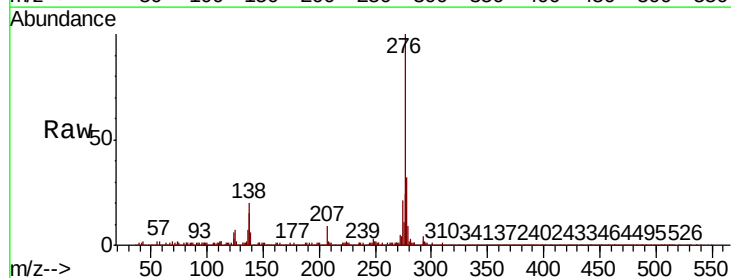
Tgt Ion:276 Resp: 8117542

Ion Ratio Lower Upper

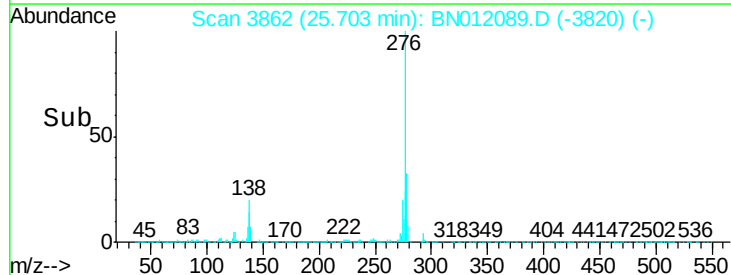
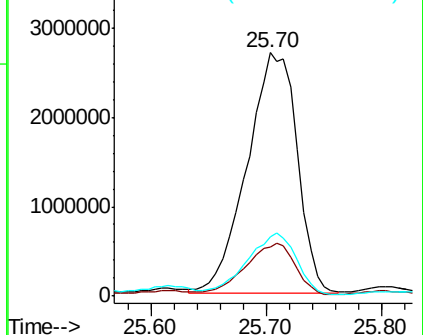
276 100

138 20.1 17.4 26.2

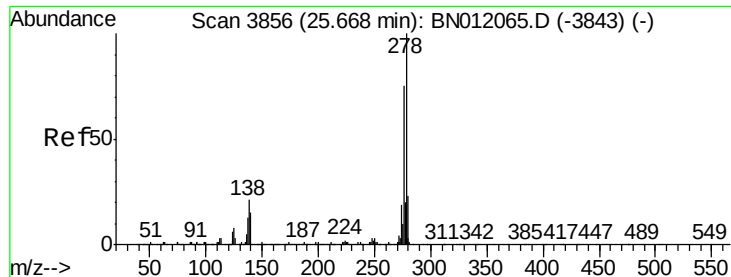
277 24.4 19.0 28.4



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







#93

Dibenzo(a,h)anthracene

Concen: 19.734 ng/ul

RT: 25.71 min Scan# 3863

Delta R.T. 0.04 min

Lab File: BN012089.D

Acq: 06 Oct 2020 13:40

Instrument :

BNA\_N

ClientSampleId :

C0AP2

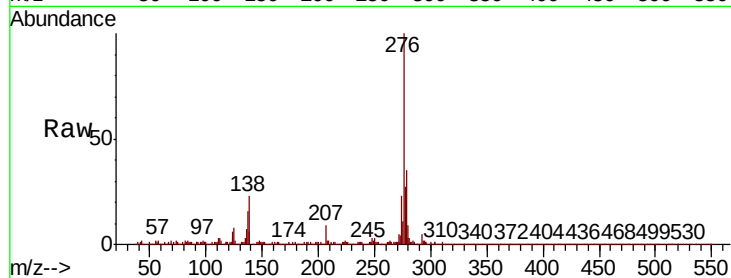
Tot Ion:278 Resp: 2626566

Ion Ratio Lower Upper

278 100

139 18.1 12.2 18.2

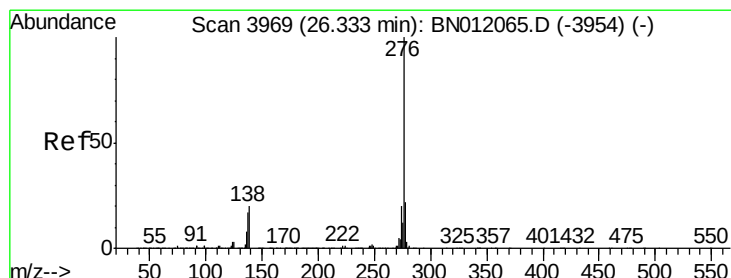
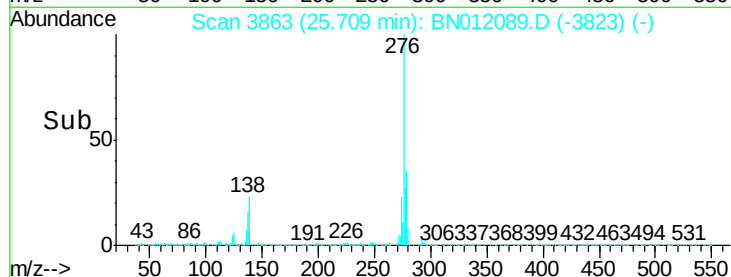
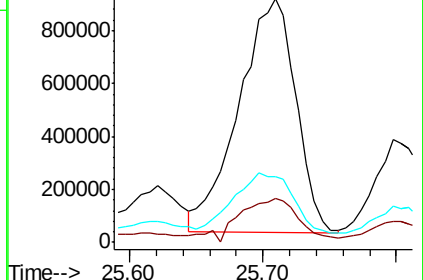
279 27.0 18.2 27.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 46.775 ng/ul

RT: 26.40 min Scan# 3980

Delta R.T. 0.06 min

Lab File: BN012089.D

Acq: 06 Oct 2020 13:40

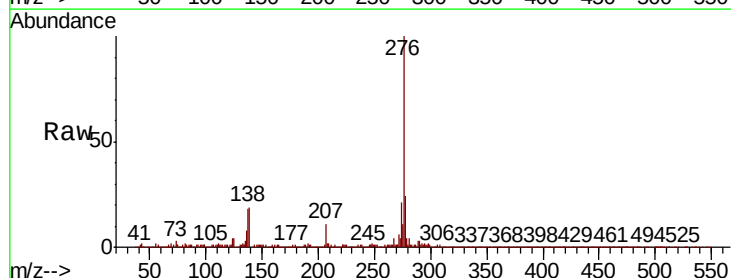
Tgt Ion:276 Resp: 6435933

Ion Ratio Lower Upper

276 100

138 19.0 16.7 25.1

277 24.1 19.0 28.6



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

