

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062320\  
 Data File : BN011037.D  
 Acq On : 23 Jun 2020 19:34  
 Operator : CG/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN062320

Quant Time: Jun 23 20:07:50 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 23 18:53:50 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.52  | 152  | 2417     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.27 | 136  | 7754     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.14 | 164  | 4539     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.90 | 188  | 8179     | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12          | 21.11 | 240  | 8735     | 0.40 | ng    | -0.01    |
| 36) Perylene-d12          | 23.25 | 264  | 7933     | 0.40 | ng    | -0.01    |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.18  | 112 | 2767  | 0.41 | ng | 0.00 |
| 5) Phenol-d6                | 6.72  | 99  | 3208  | 0.40 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.66  | 82  | 2783  | 0.39 | ng | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.86 | 152 | 5706  | 0.42 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.65 | 330 | 707   | 0.35 | ng | 0.01 |
| 15) 2-Fluorobiphenyl        | 12.76 | 172 | 9094  | 0.43 | ng | 0.00 |
| 27) Fluoranthene-d10        | 18.94 | 212 | 10241 | 0.40 | ng | 0.00 |
| 31) Terphenyl-d14           | 19.55 | 244 | 8779  | 0.37 | ng | 0.00 |

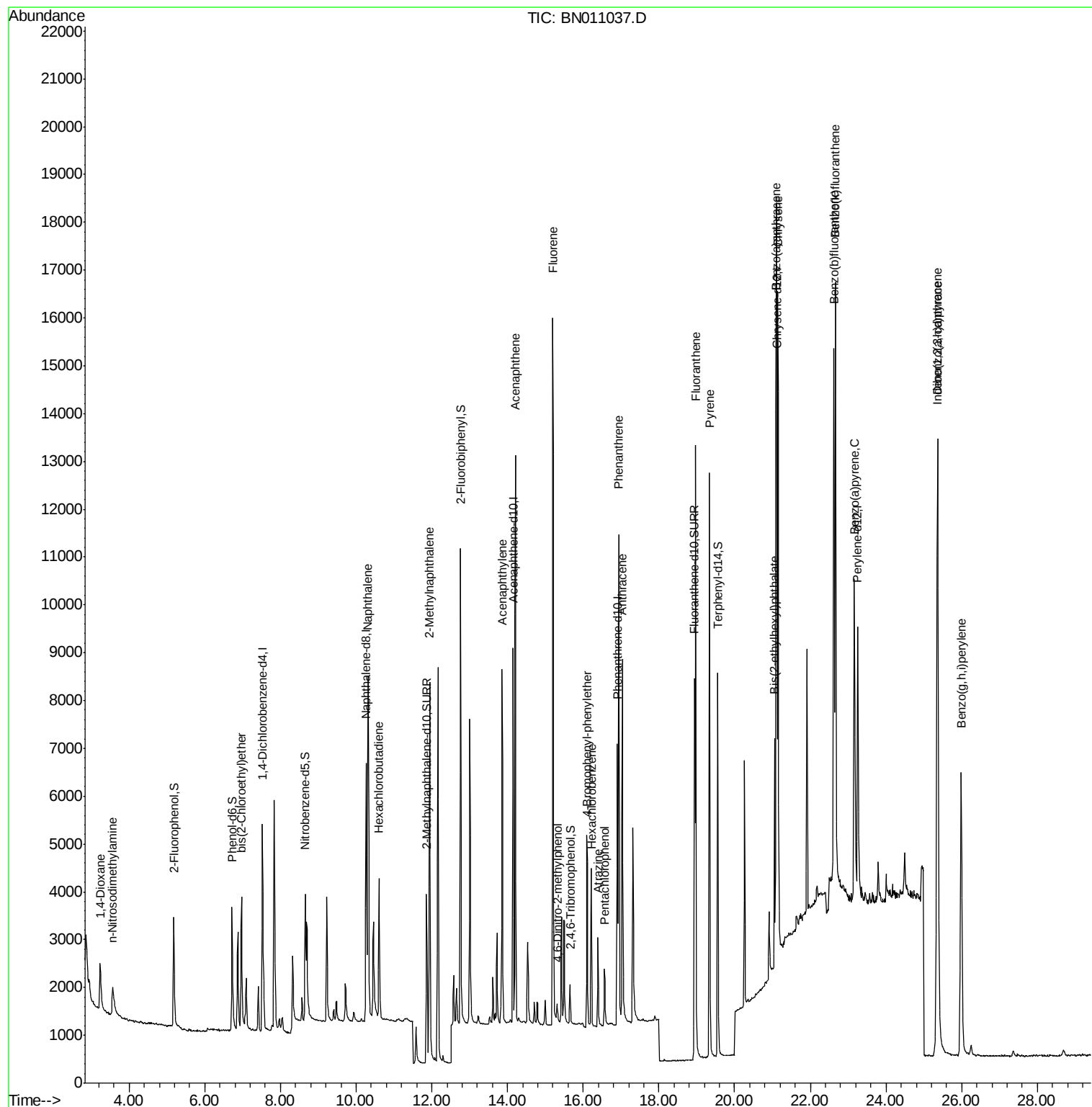
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.23  | 88  | 1402  | 0.431  | ng | 99   |
| 3) n-Nitrosodimethylamine      | 3.55  | 42  | 714   | 0.394  | ng | # 1  |
| 6) bis(2-Chloroethyl)ether     | 6.97  | 93  | 2878  | 0.413  | ng | 99   |
| 9) Naphthalene                 | 10.32 | 128 | 9623  | 0.409  | ng | 98   |
| 10) Hexachlorobutadiene        | 10.61 | 225 | 2449  | 0.432  | ng | # 98 |
| 12) 2-Methylnaphthalene        | 11.94 | 142 | 6618  | 0.420  | ng | 100  |
| 16) Acenaphthylene             | 13.85 | 152 | 9044  | 0.395  | ng | 99   |
| 17) Acenaphthene               | 14.21 | 154 | 6215  | 0.405  | ng | 99   |
| 18) Fluorene                   | 15.20 | 166 | 7232  | 0.369  | ng | 99   |
| 20) 4,6-Dinitro-2-methylphenol | 15.31 | 198 | 487   | 0.356  | ng | 95   |
| 21) 4-Bromophenyl-phenylether  | 16.11 | 248 | 2290  | 0.405  | ng | # 74 |
| 22) Hexachlorobenzene          | 16.22 | 284 | 2638  | 0.422  | ng | 100  |
| 23) Atrazine                   | 16.39 | 200 | 1647  | 0.394  | ng | 94   |
| 24) Pentachlorophenol          | 16.56 | 266 | 733   | 0.371  | ng | 99   |
| 25) Phenanthrene               | 16.93 | 178 | 11423 | 0.414  | ng | 100  |
| 26) Anthracene                 | 17.03 | 178 | 9036  | 0.395  | ng | 99   |
| 28) Fluoranthene               | 18.97 | 202 | 12477 | 0.396  | ng | 100  |
| 30) Pvrene                     | 19.34 | 202 | 12411 | 0.369  | ng | 99   |
| 32) Benzo(a)anthracene         | 21.10 | 228 | 11907 | 0.393  | ng | 98   |
| 33) Chrysene                   | 21.14 | 228 | 13612 | 0.413  | ng | 99   |
| 34) Bis(2-ethylhexyl)phthalate | 21.06 | 149 | 4419  | 0.363  | ng | 100  |
| 35) Indeno(1,2,3-cd)pyrene     | 25.35 | 276 | 16670 | 0.454  | ng | 100  |
| 37) Benzo(b)fluoranthene       | 22.62 | 252 | 14283 | 0.455  | ng | 99   |
| 38) Benzo(k)fluoranthene       | 22.66 | 252 | 15933 | 0.488  | ng | 98   |
| 39) Benzo(a)pyrene             | 23.16 | 252 | 11280 | 0.405  | ng | 98   |
| 40) Dibenzo(a,h)anthracene     | 25.37 | 278 | 13420 | 0.447  | ng | 100  |
| 41) Benzo(g,h,i)perylene       | 25.99 | 276 | 12530 | 0.403  | ng | 99   |

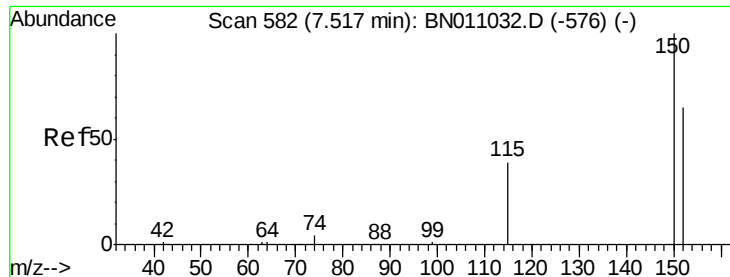
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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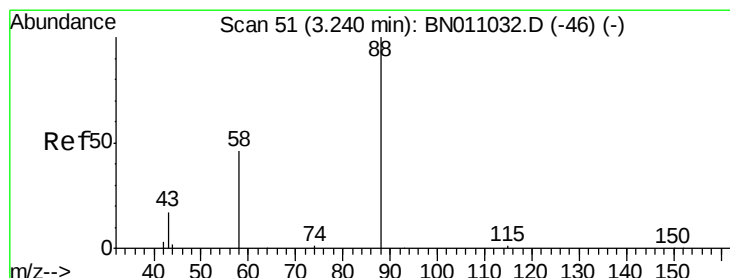
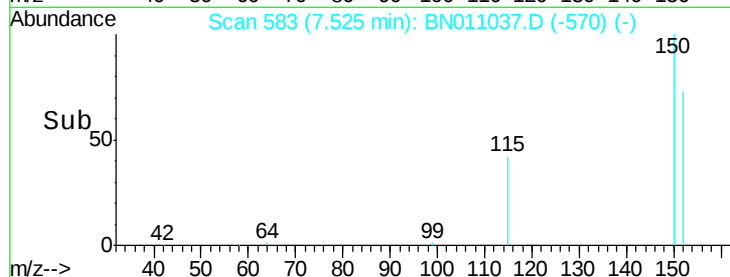
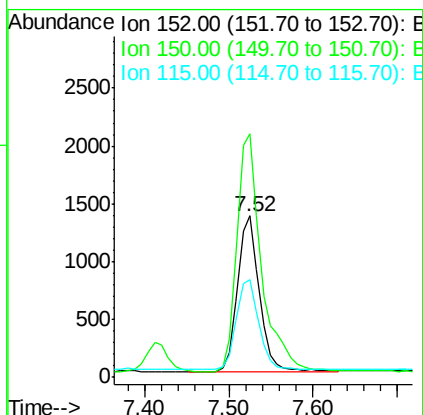
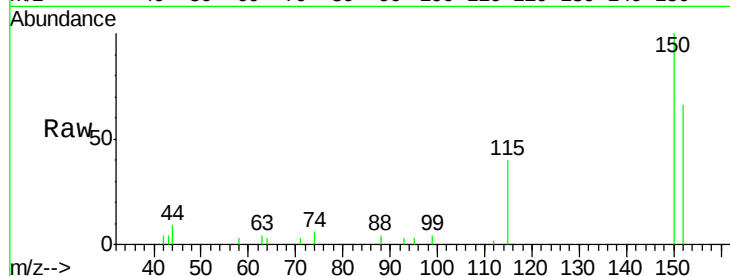


#1

1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.52 min Scan# 583  
Delta R.T. 0.01 min  
Lab File: BN011037.D  
Acq: 23 Jun 2020 19:34

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN062320

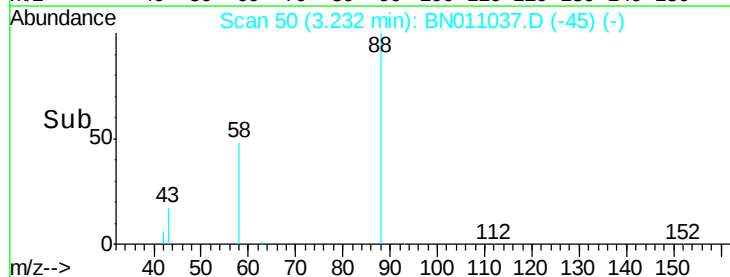
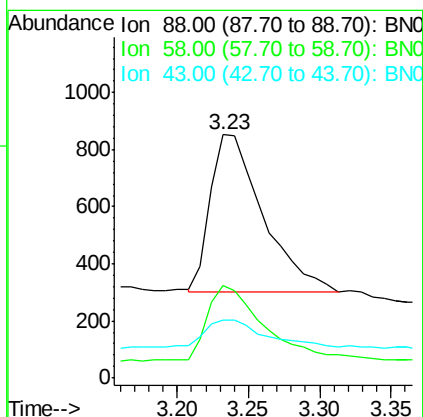
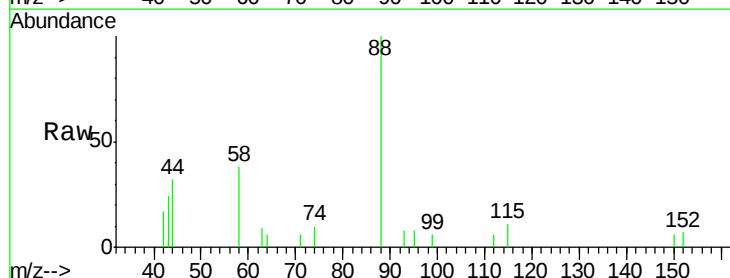
Tot Ion:152 Resp: 2417  
Ion Ratio Lower Upper  
152 100  
150 150.8 121.8 182.8  
115 60.4 50.2 75.2

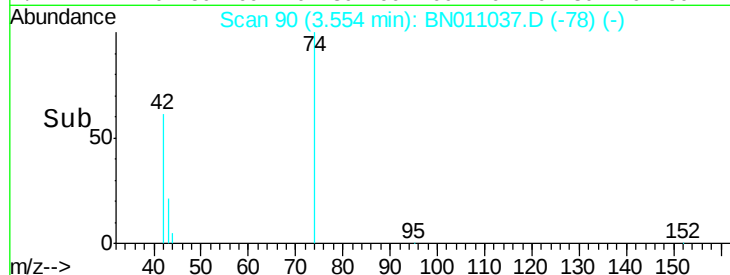
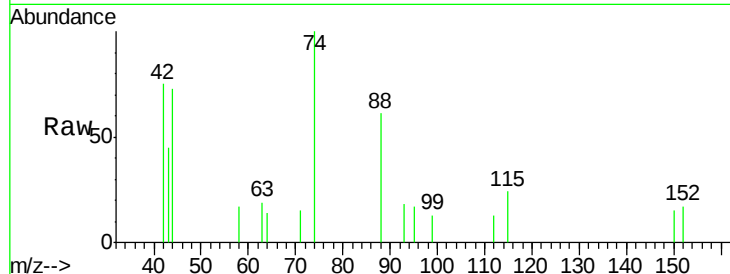
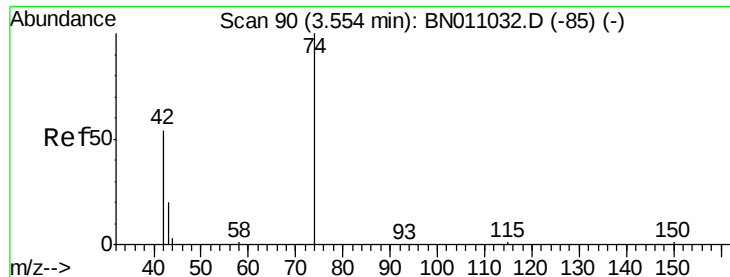


#2

1,4-Dioxane  
Concen: 0.431 ng  
RT: 3.23 min Scan# 50  
Delta R.T. -0.01 min  
Lab File: BN011037.D  
Acq: 23 Jun 2020 19:34

Tgt Ion: 88 Resp: 1402  
Ion Ratio Lower Upper  
88 100  
58 48.9 38.4 57.6  
43 18.3 14.2 21.4

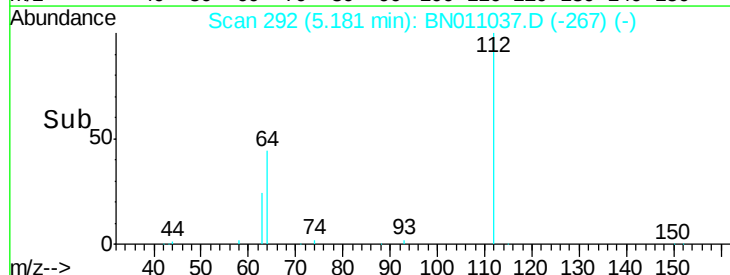
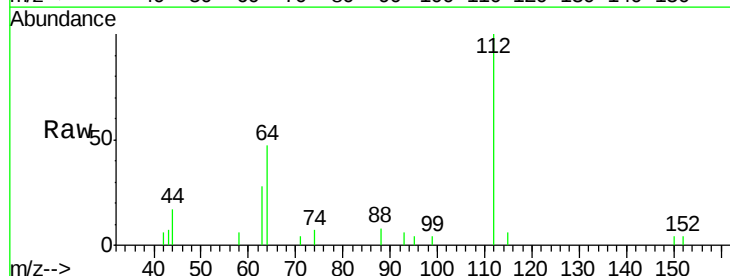
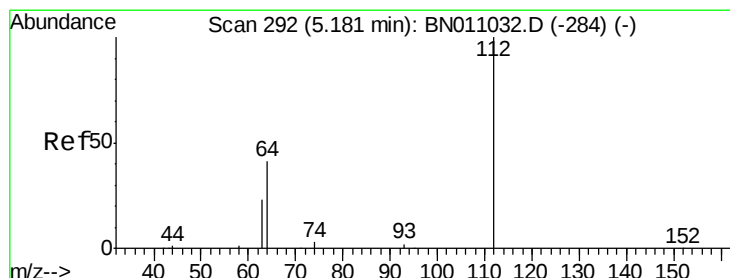
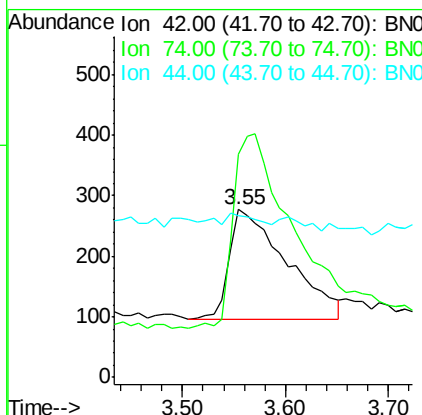




#3  
n-Nitrosodimethylamine  
Concen: 0.394 ng  
RT: 3.55 min Scan# 90  
Delta R.T. -0.00 min  
Lab File: BN011037.D  
Acq: 23 Jun 2020 19:34

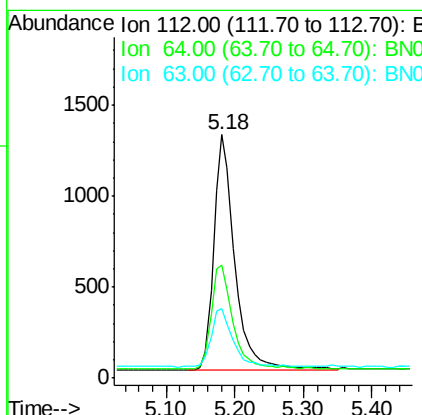
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN062320

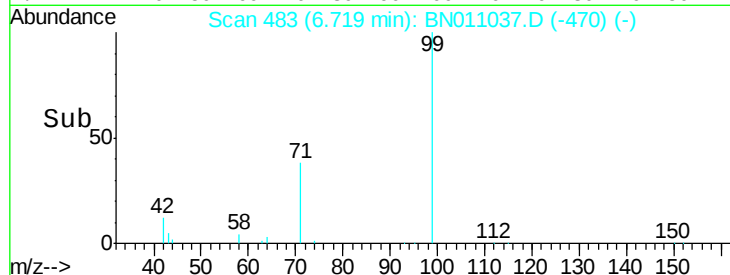
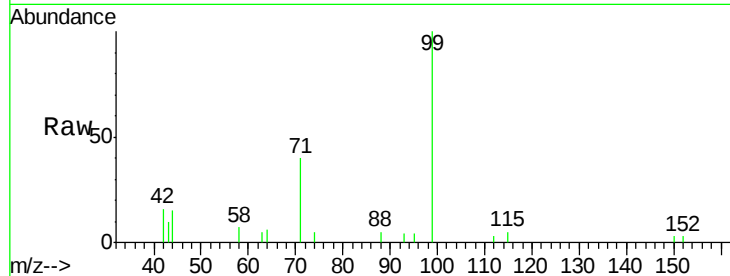
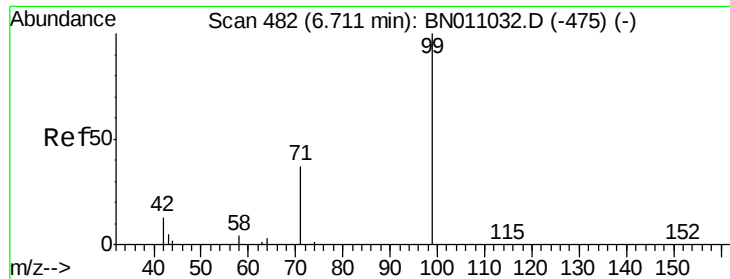
Tot Ion: 42 Resp: 714  
Ion Ratio Lower Upper  
42 100  
74 0.0 154.8 232.2#  
44 7.4 4.8 7.2#



#4  
2-Fluorophenol  
Concen: 0.406 ng  
RT: 5.18 min Scan# 292  
Delta R.T. -0.00 min  
Lab File: BN011037.D  
Acq: 23 Jun 2020 19:34

Tgt Ion: 112 Resp: 2767  
Ion Ratio Lower Upper  
112 100  
64 45.4 37.3 55.9  
63 25.5 20.4 30.6





#5

Phenol-d6

Concen: 0.398 ng

RT: 6.72 min Scan# 483

Delta R.T. 0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA\_N

ClientSampleId :

ICVBN062320

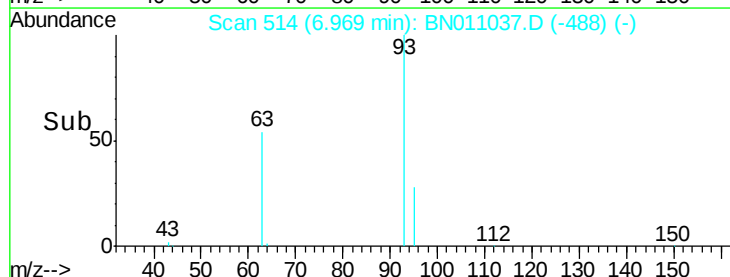
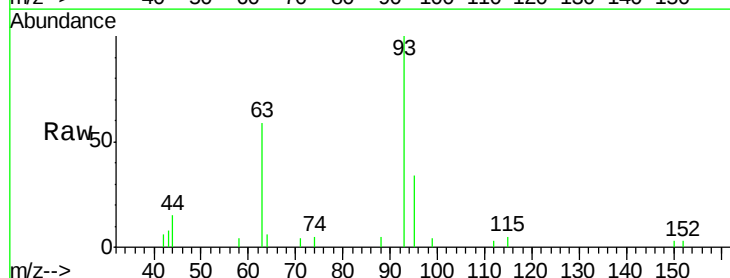
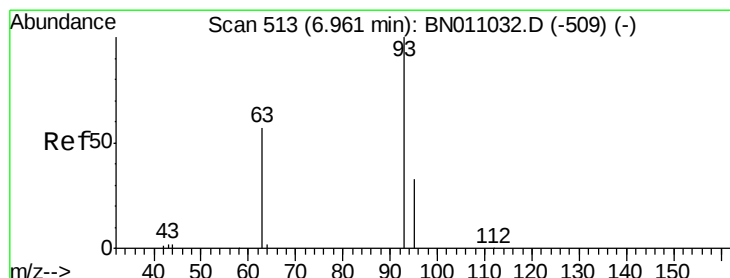
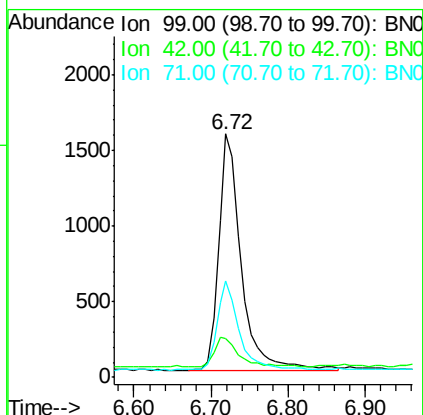
Tot Ion: 99 Resp: 3208

Ion Ratio Lower Upper

99 100

42 13.4 10.6 16.0

71 36.5 28.7 43.1



#6

bis(2-Chloroethyl)ether

Concen: 0.413 ng

RT: 6.97 min Scan# 514

Delta R.T. 0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

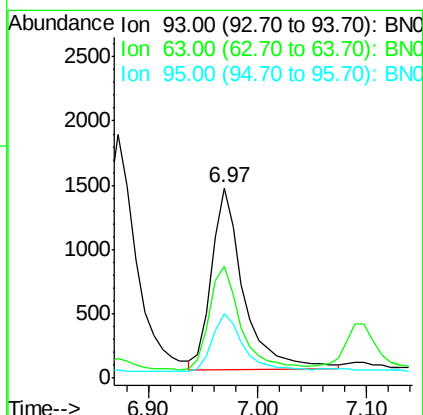
Tgt Ion: 93 Resp: 2878

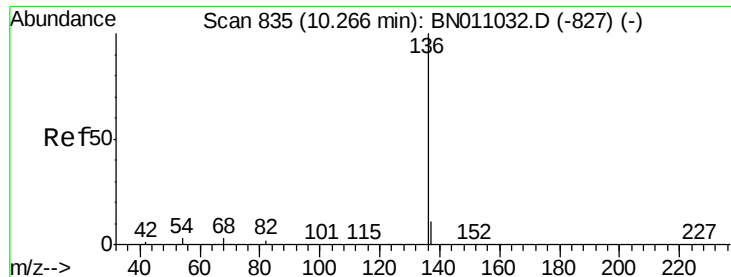
Ion Ratio Lower Upper

93 100

63 55.6 43.7 65.5

95 31.0 25.3 37.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA\_N

ClientSampleId :

ICVBN062320

Tot Ion:136 Resp: 7754

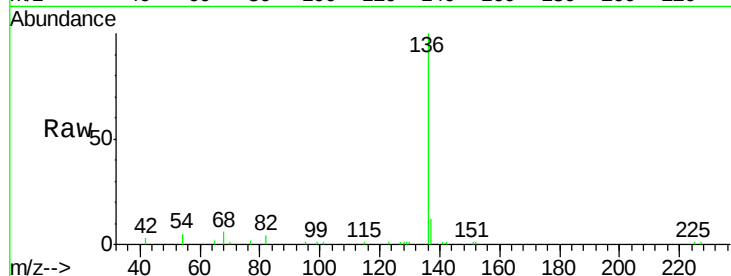
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 5.1 3.0 4.4#

68 5.7 3.4 5.2#

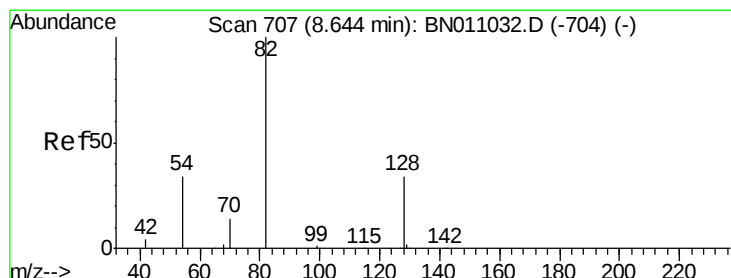
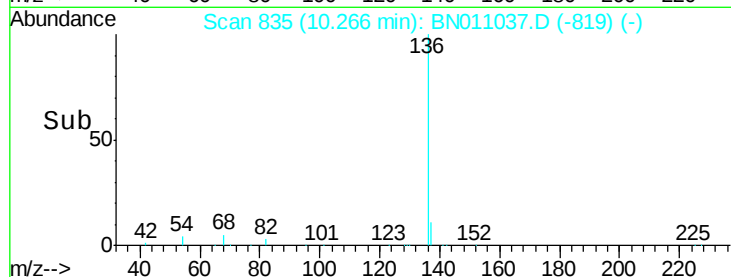
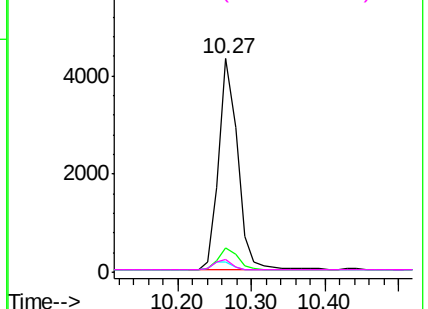


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.394 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

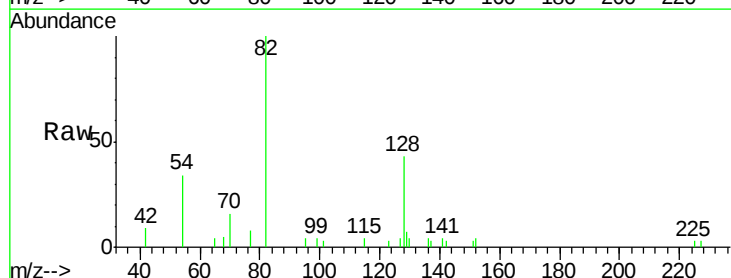
Tgt Ion: 82 Resp: 2783

Ion Ratio Lower Upper

82 100

128 43.0 29.4 44.2

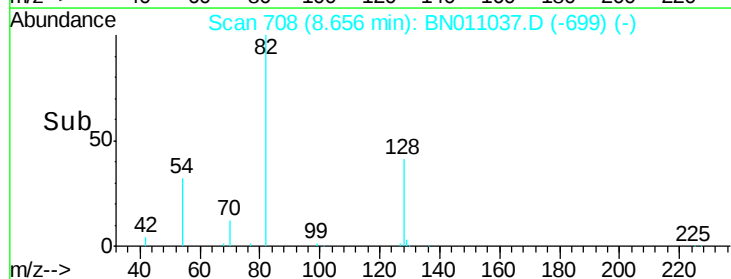
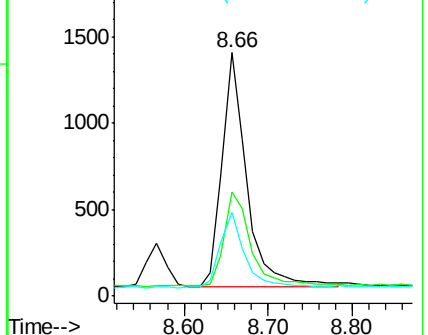
54 34.2 28.8 43.2

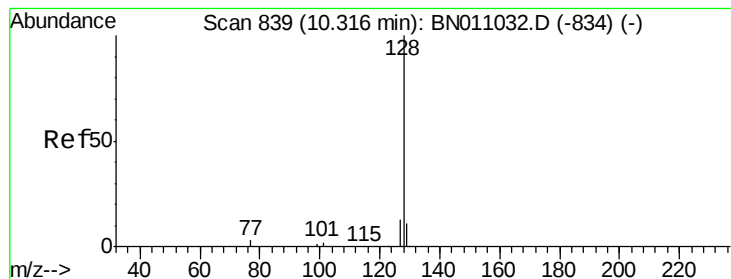


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.409 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA\_N

ClientSampleId :

ICVBN062320

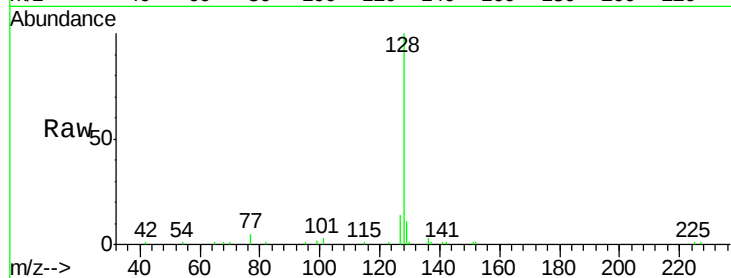
Tot Ion:128 Resp: 9623

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.6

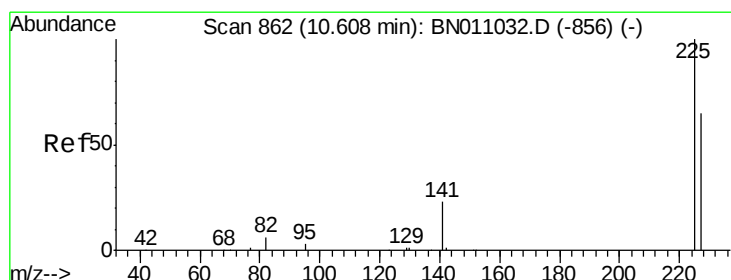
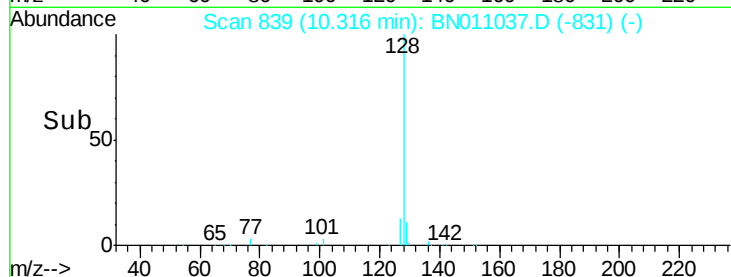
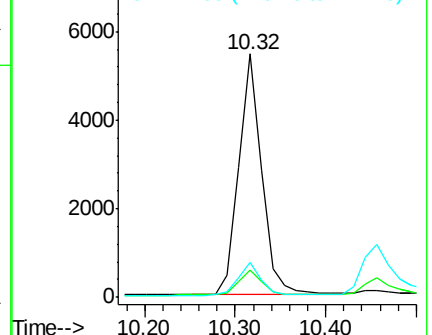
127 14.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.432 ng

RT: 10.61 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

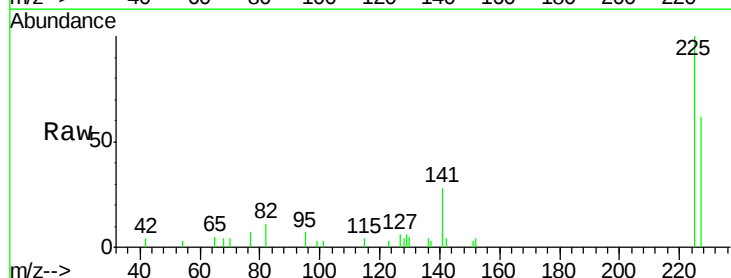
Tgt Ion:225 Resp: 2449

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

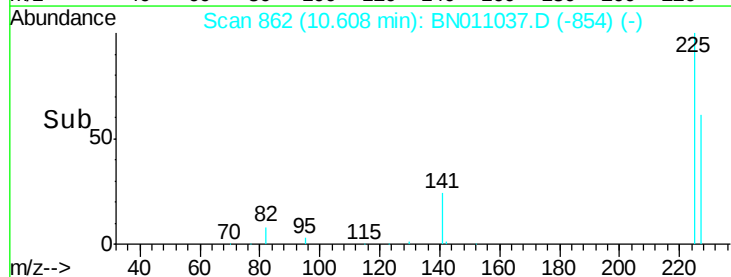
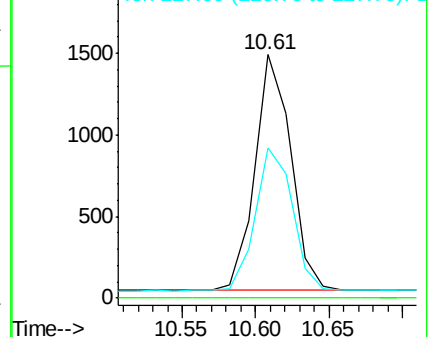
227 62.9 51.7 77.5

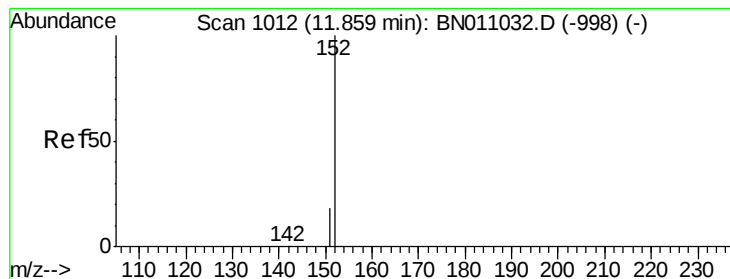


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.417 ng

RT: 11.86 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

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BNA\_N

ClientSampleId :

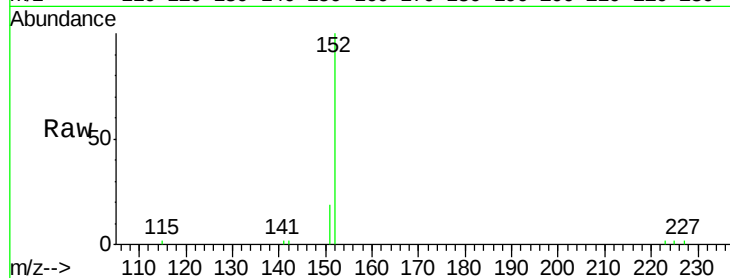
ICVBN062320

Tot Ion:152 Resp: 5706

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.86

3000

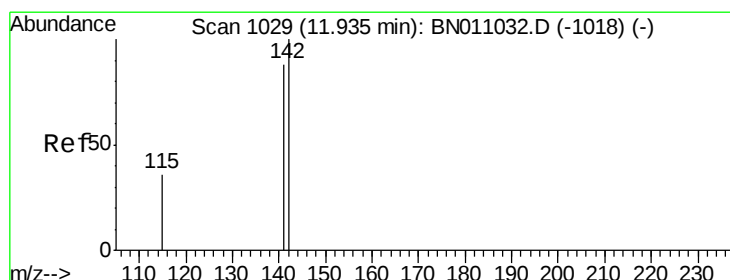
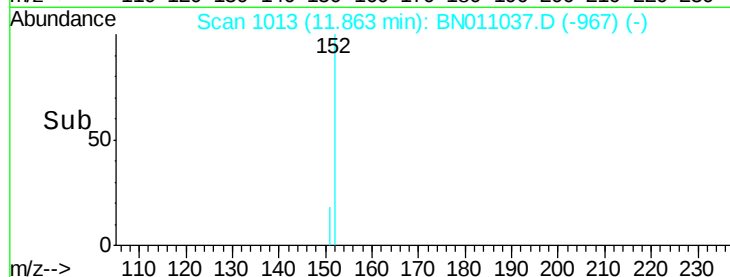
2000

1000

0

Time-->

11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.420 ng

RT: 11.94 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

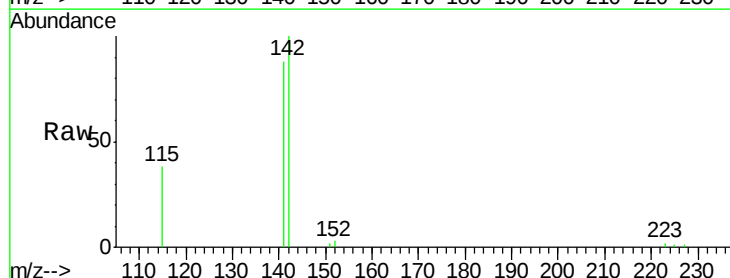
Tgt Ion:142 Resp: 6618

Ion Ratio Lower Upper

142 100

141 87.9 70.6 106.0

115 37.7 30.2 45.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.94

5000

4000

3000

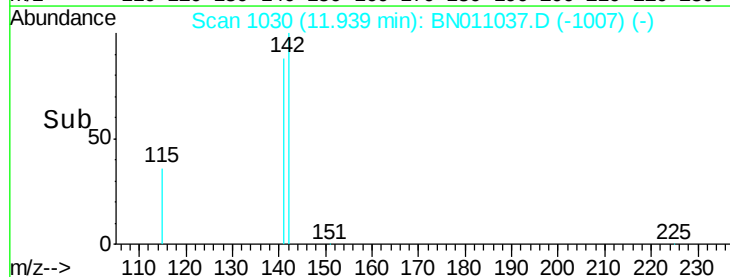
2000

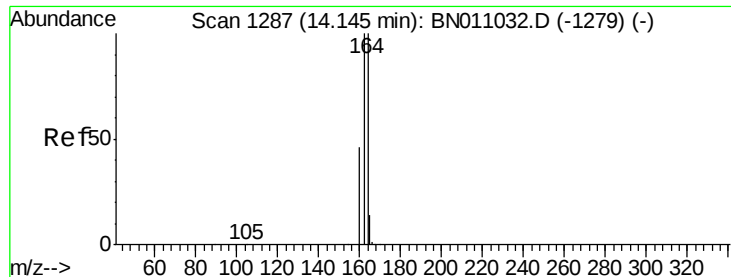
1000

0

Time-->

11.80 11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA\_N

ClientSampleId :

ICVBN062320

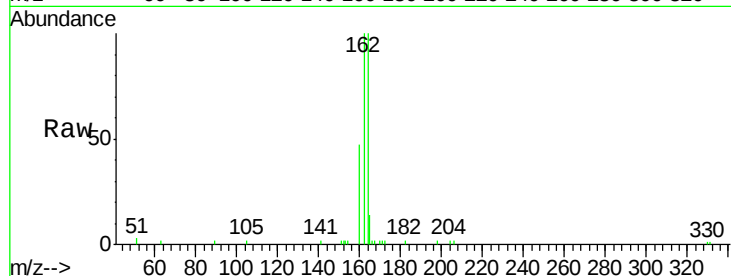
Tot Ion:164 Resp: 4539

Ion Ratio Lower Upper

164 100

162 99.9 80.2 120.4

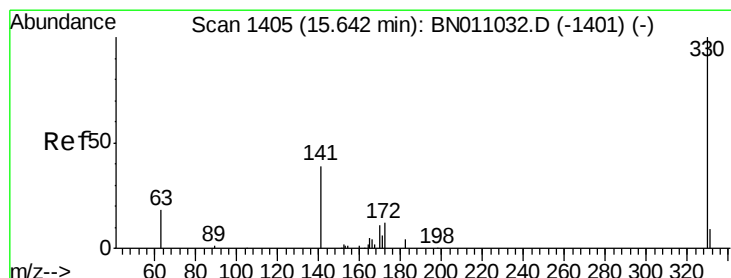
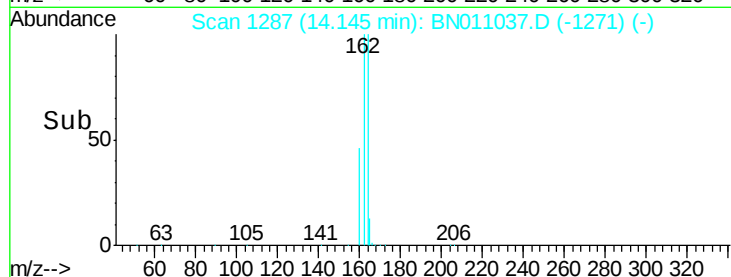
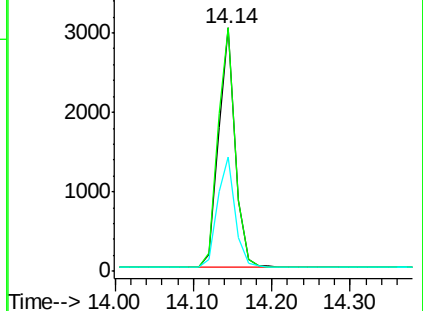
160 47.1 37.7 56.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.354 ng

RT: 15.65 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

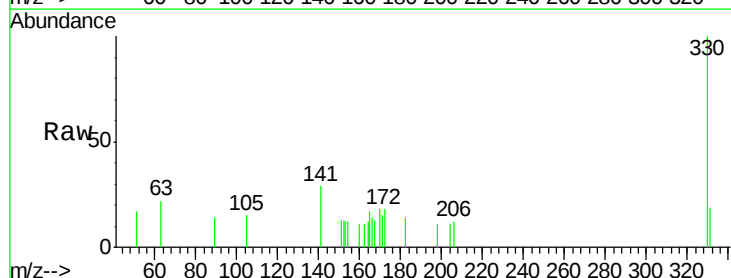
Tgt Ion:330 Resp: 707

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

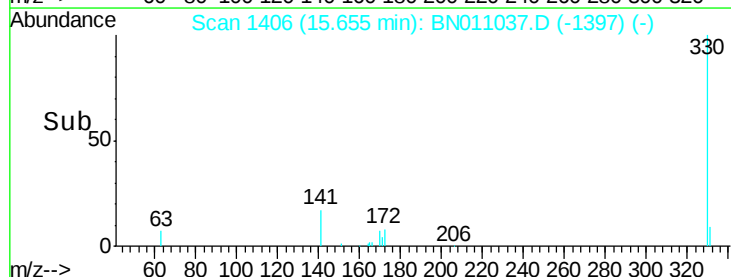
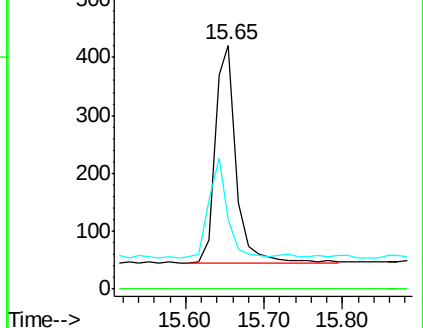
141 39.9 34.5 51.7

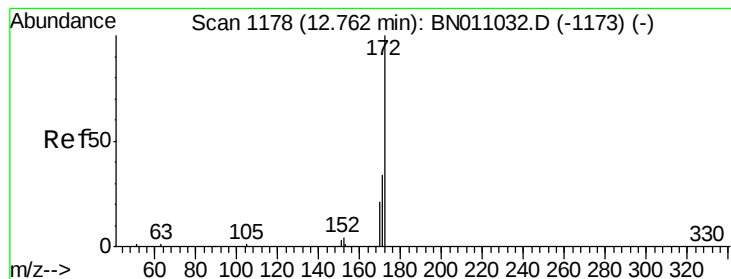


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.430 ng

RT: 12.76 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA\_N

ClientSampleId :

ICVBN062320

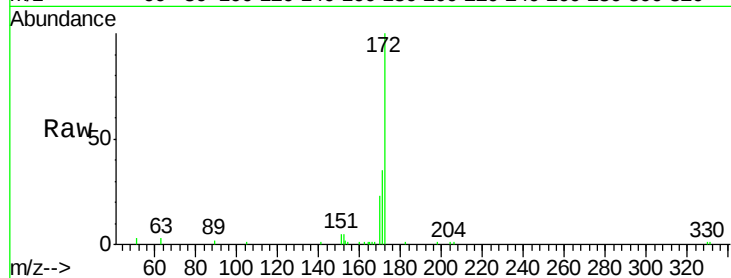
Tot Ion:172 Resp: 9094

Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.2

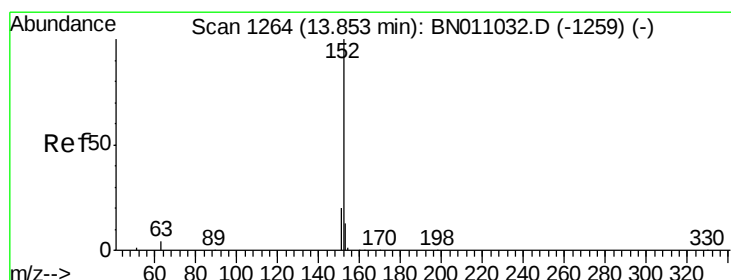
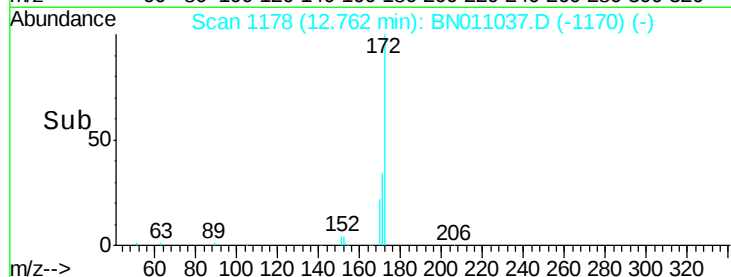
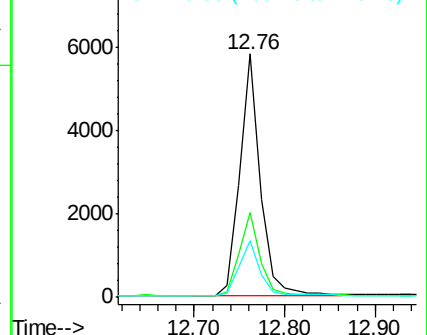
170 23.1 17.5 26.3



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



#16

Acenaphthylene

Concen: 0.395 ng

RT: 13.85 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

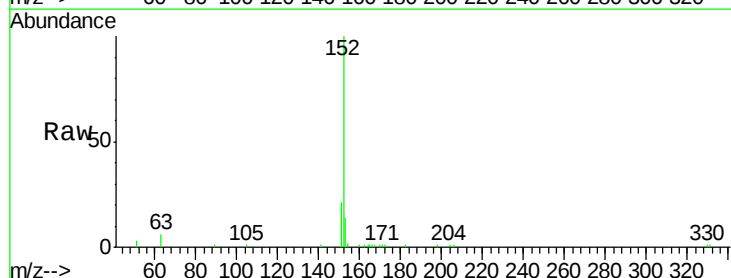
Tgt Ion:152 Resp: 9044

Ion Ratio Lower Upper

152 100

151 19.8 15.6 23.4

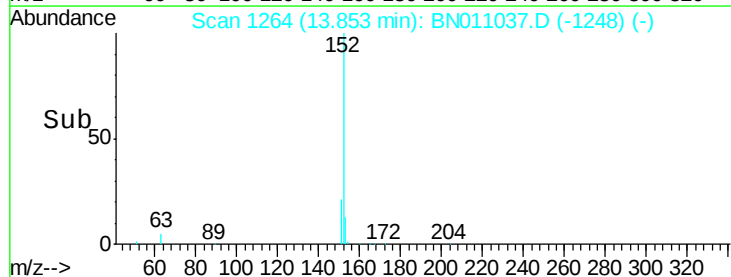
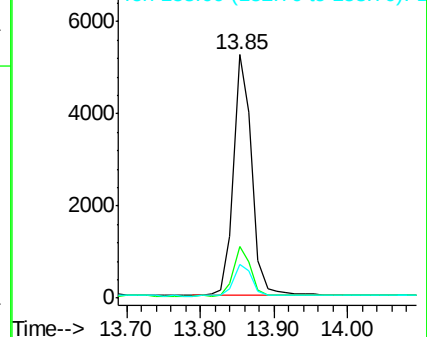
153 13.4 10.2 15.2

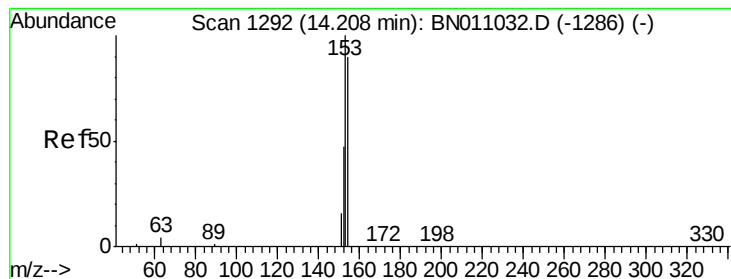


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.405 ng

RT: 14.21 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

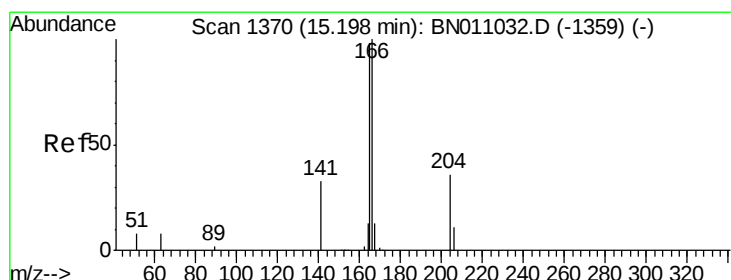
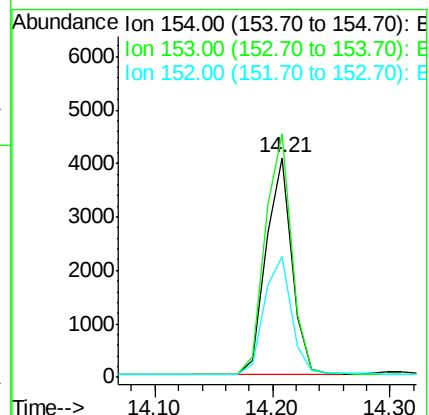
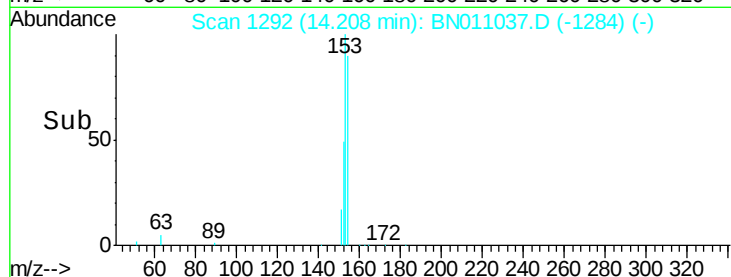
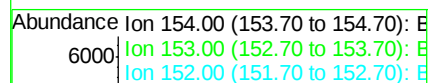
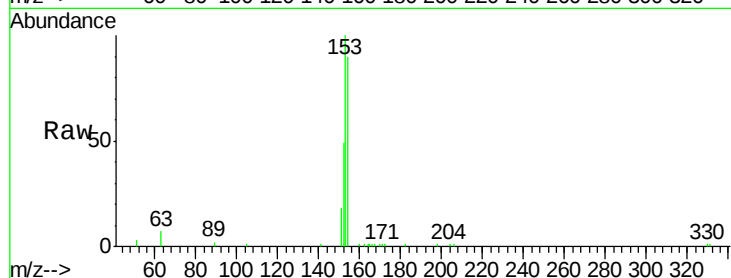
BNA\_N

ClientSampleId :

ICVBN062320

Tot Ion:154 Resp: 6215

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 115.3 | 92.3  | 138.5 |
| 152 | 58.2  | 45.5  | 68.3  |



#18

Fluorene

Concen: 0.369 ng

RT: 15.20 min Scan# 1370

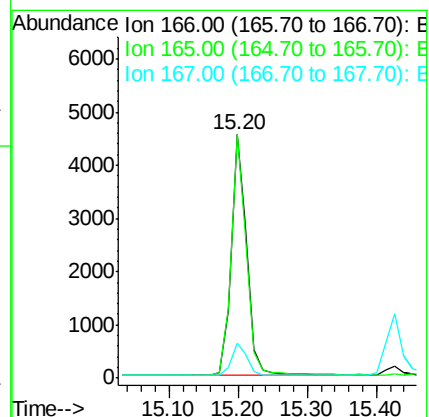
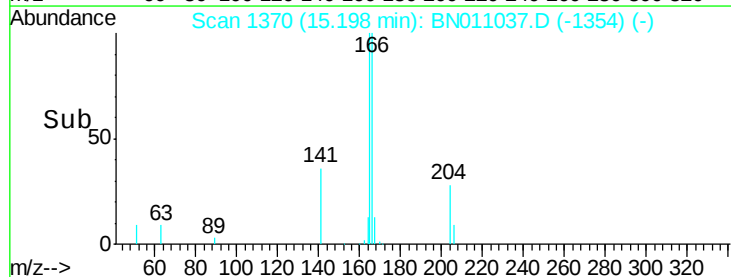
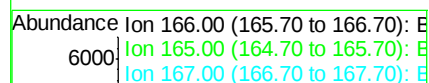
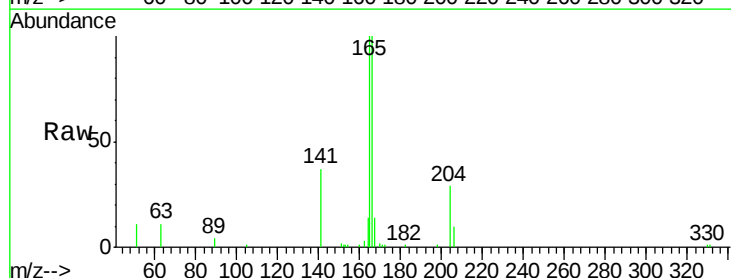
Delta R.T. -0.00 min

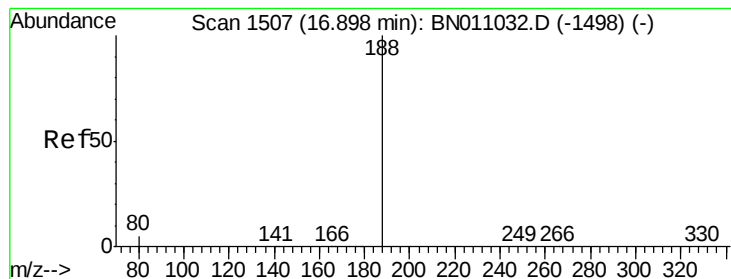
Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Tgt Ion:166 Resp: 7232

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 98.3  | 77.8  | 116.8 |
| 167 | 13.6  | 10.8  | 16.2  |





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.90 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA\_N

ClientSampleId :

ICVBN062320

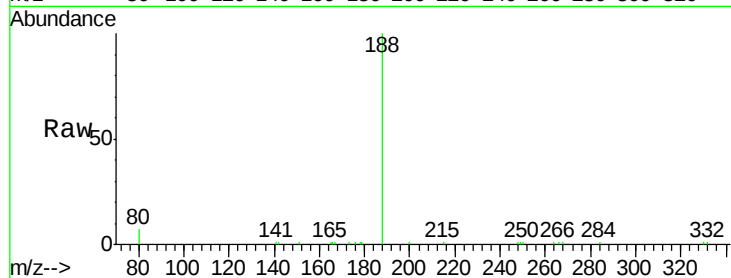
Tot Ion:188 Resp: 8179

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

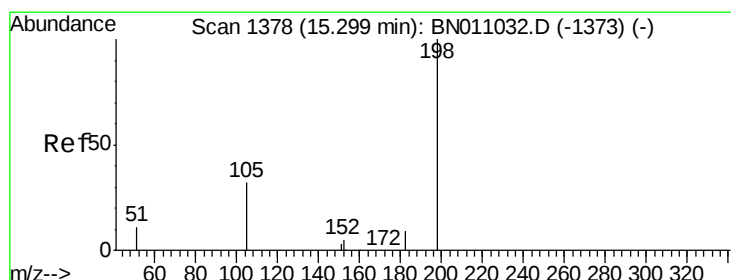
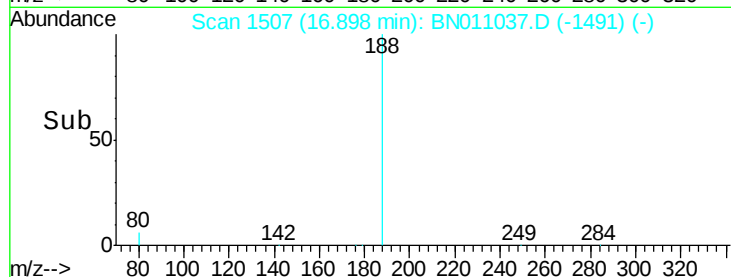
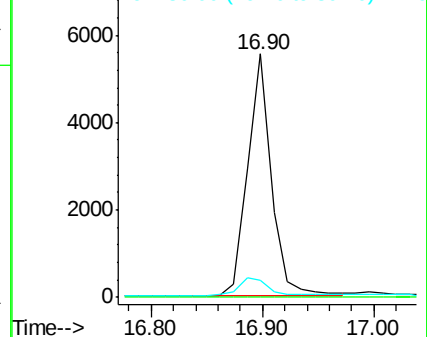
80 6.9 4.6 7.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4,6-Dinitro-2-methylphenol

Concen: 0.356 ng

RT: 15.31 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

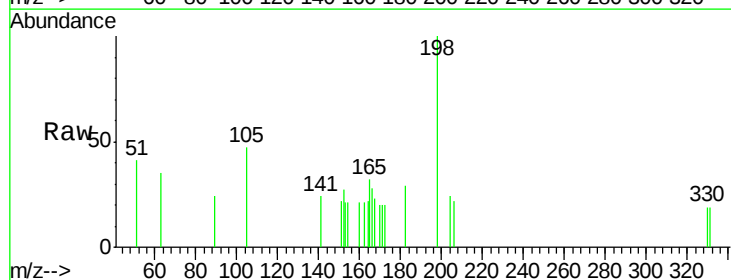
Tgt Ion:198 Resp: 487

Ion Ratio Lower Upper

198 100

51 41.0 29.5 44.3

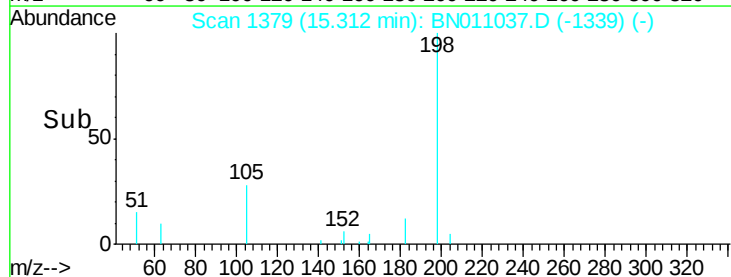
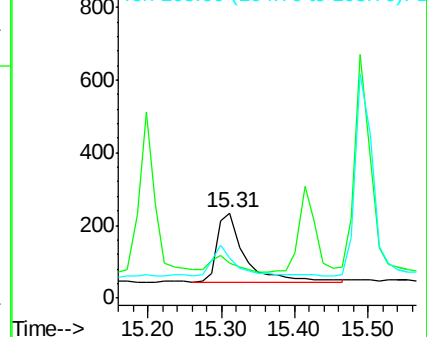
105 46.6 39.2 58.8

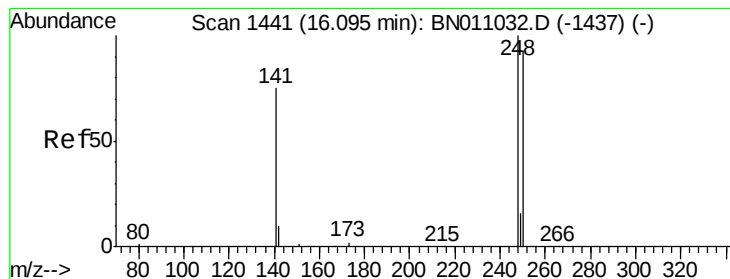


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.405 ng

RT: 16.11 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA\_N

ClientSampleId :

ICVBN062320

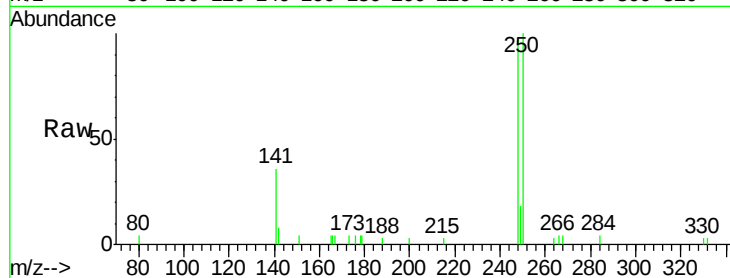
Tot Ion:248 Resp: 2290

Ion Ratio Lower Upper

248 100

250 103.5 74.6 111.8

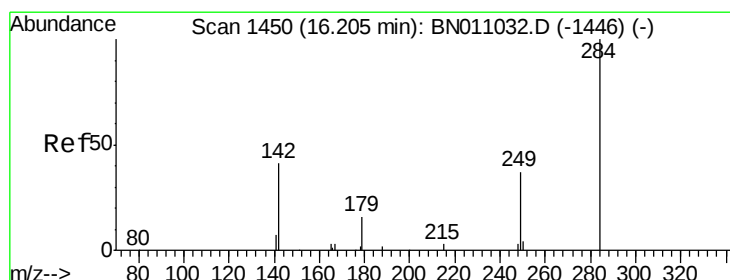
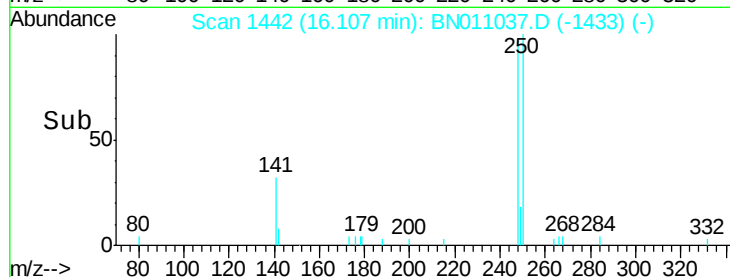
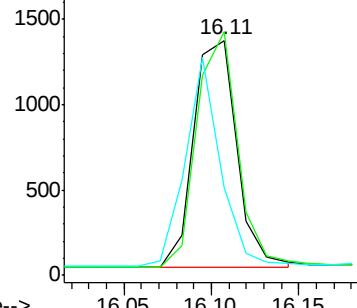
141 37.1 60.9 91.3#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#22

Hexachlorobenzene

Concen: 0.422 ng

RT: 16.22 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

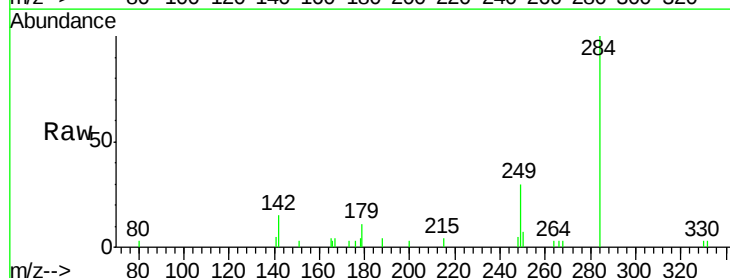
Tgt Ion:284 Resp: 2638

Ion Ratio Lower Upper

284 100

142 37.8 30.4 45.6

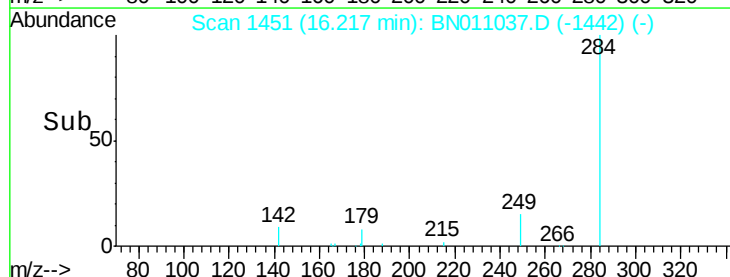
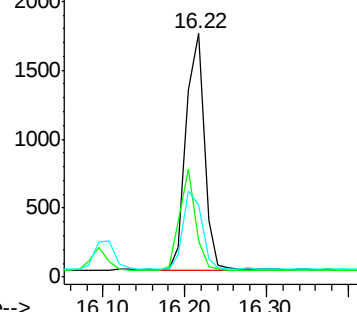
249 33.8 27.0 40.4

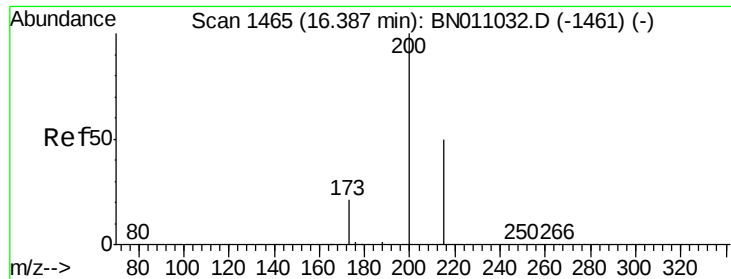


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

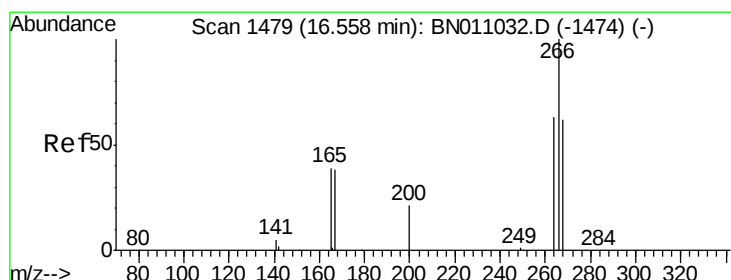
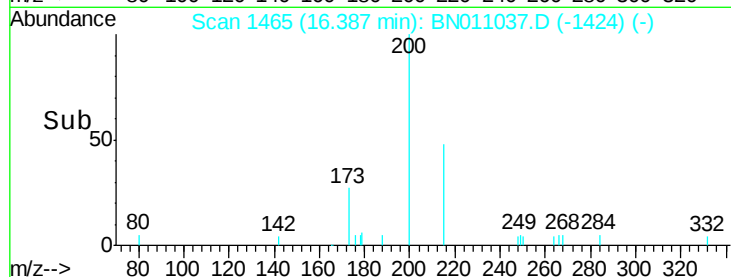
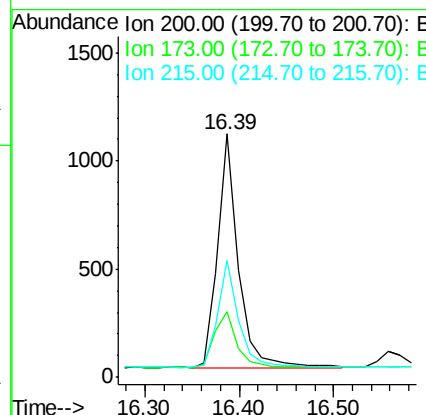
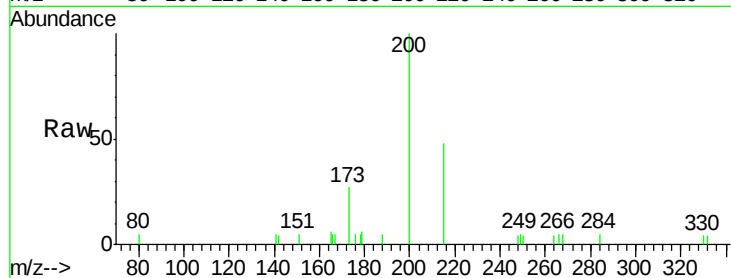




#23  
Atrazine  
Concen: 0.394 ng  
RT: 16.39 min Scan# 1465  
Delta R.T. -0.00 min  
Lab File: BN011037.D  
Acq: 23 Jun 2020 19:34

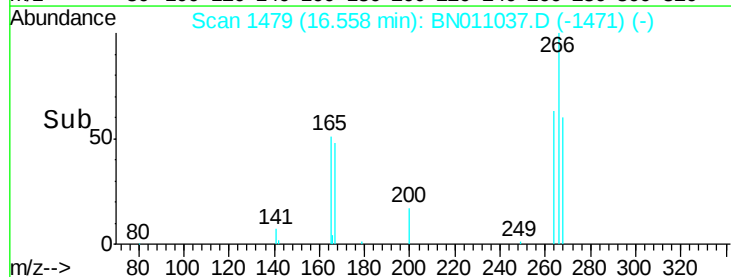
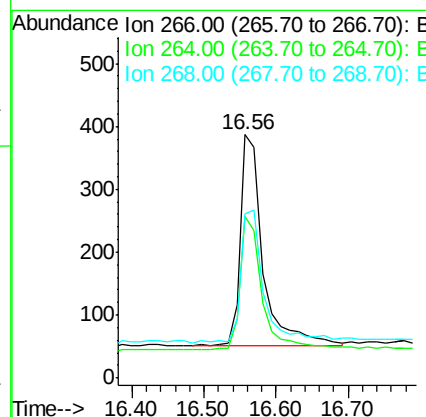
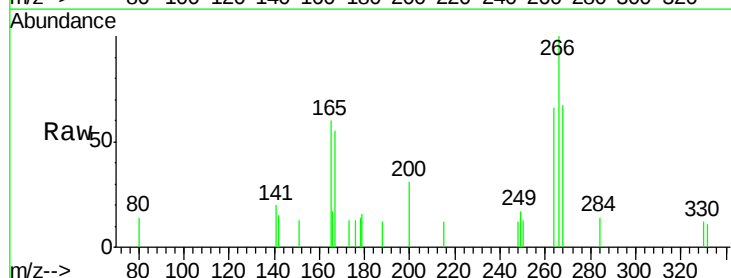
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN062320

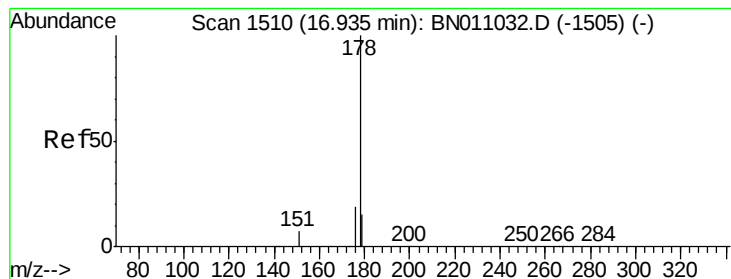
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.9  | 19.4  | 29.2  |
| 215     | 47.8  | 41.5  | 62.3  |



#24  
Pentachlorophenol  
Concen: 0.371 ng  
RT: 16.56 min Scan# 1479  
Delta R.T. -0.00 min  
Lab File: BN011037.D  
Acq: 23 Jun 2020 19:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 64.0  | 51.4  | 77.0  |
| 268     | 66.8  | 54.9  | 82.3  |





#25

Phenanthrene

Concen: 0.414 ng

RT: 16.93 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA\_N

ClientSampleId :

ICVBN062320

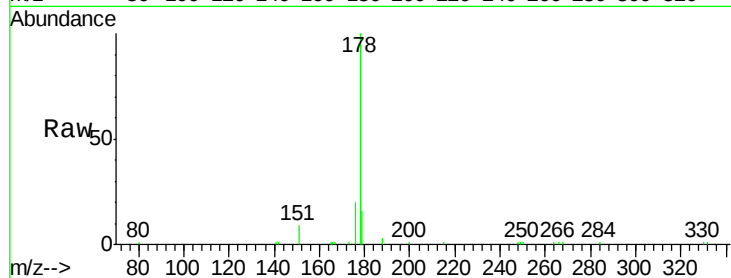
Tot Ion:178 Resp: 11423

Ion Ratio Lower Upper

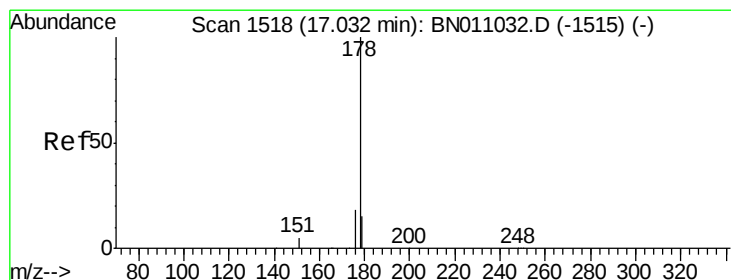
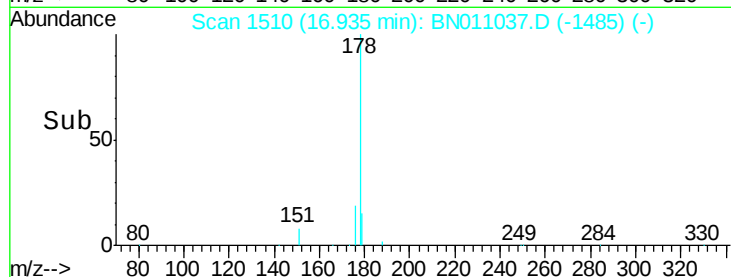
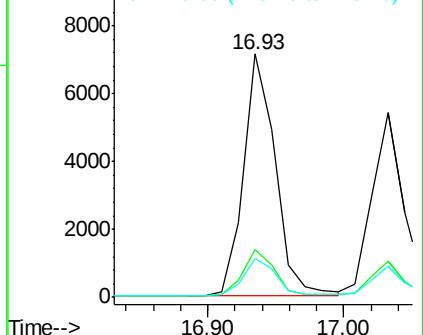
178 100

176 18.9 15.0 22.6

179 15.7 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E



#26

Anthracene

Concen: 0.395 ng

RT: 17.03 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

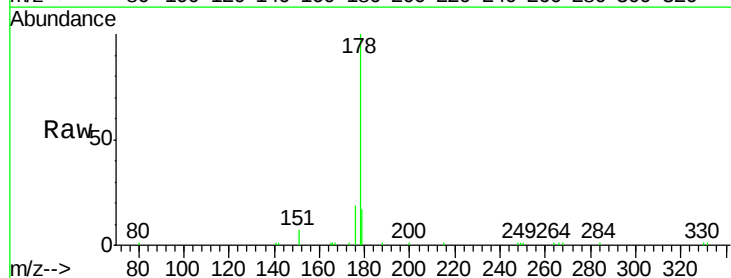
Tgt Ion:178 Resp: 9036

Ion Ratio Lower Upper

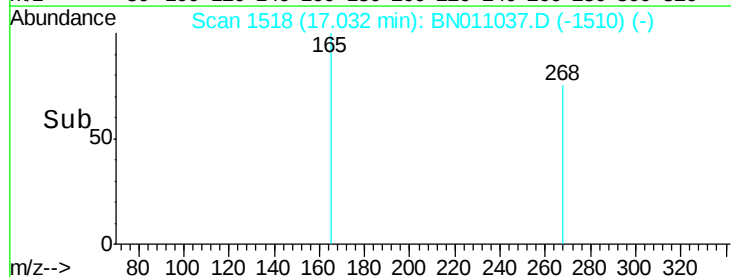
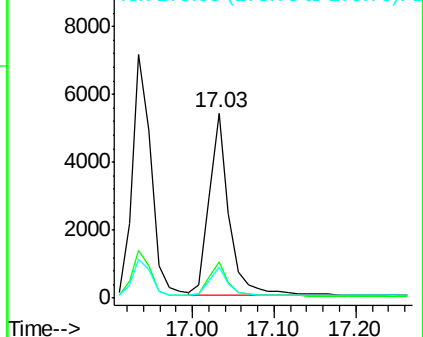
178 100

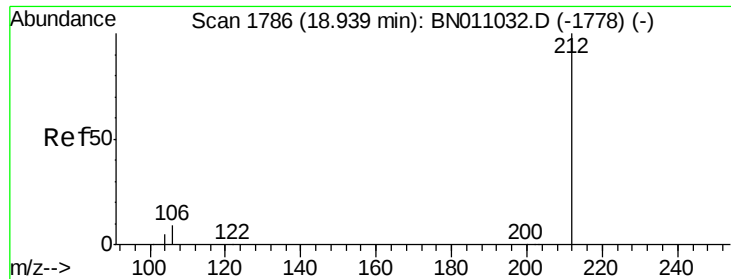
176 18.7 14.7 22.1

179 15.8 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

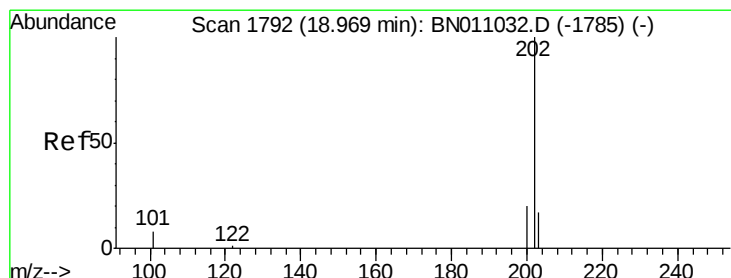
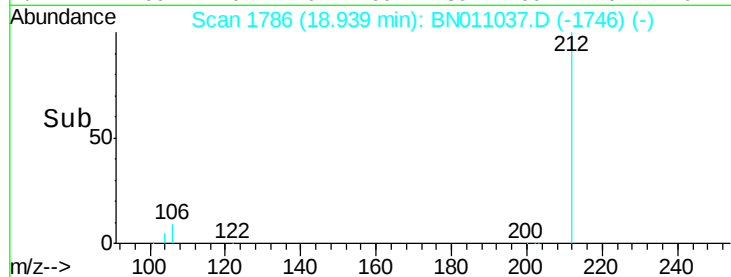
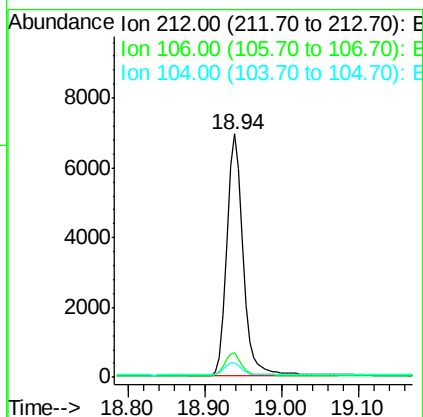
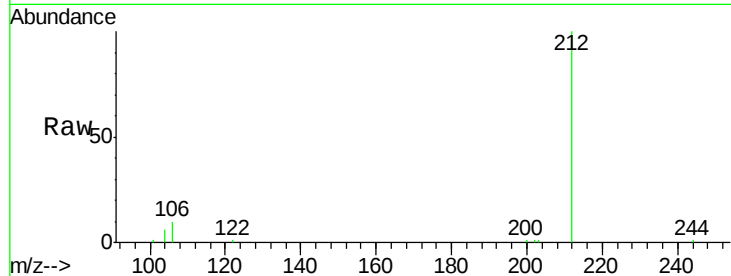




#27  
 Fluoranthene-d10  
 Concen: 0.396 ng  
 RT: 18.94 min Scan# 1786  
 Delta R.T. -0.00 min  
 Lab File: BN011037.D  
 Acq: 23 Jun 2020 19:34

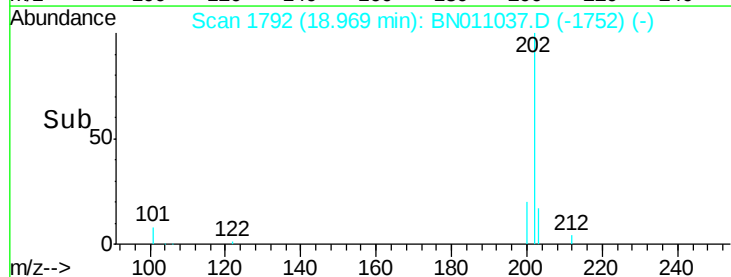
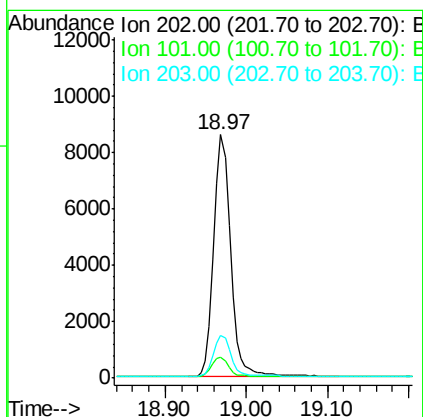
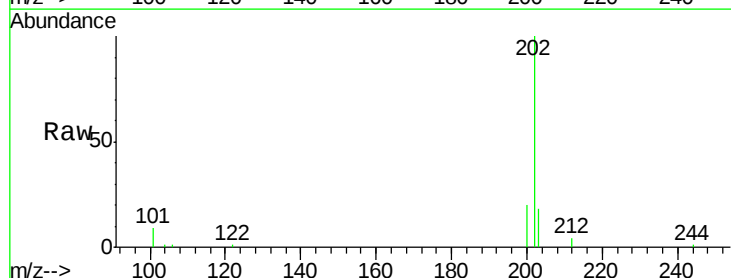
Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN062320

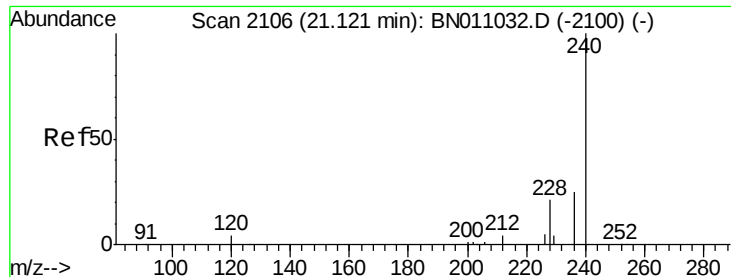
Tot Ion:212 Resp: 10241  
 Ion Ratio Lower Upper  
 212 100  
 106 9.6 7.7 11.5  
 104 5.4 4.6 6.8



#28  
 Fluoranthene  
 Concen: 0.396 ng  
 RT: 18.97 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: BN011037.D  
 Acq: 23 Jun 2020 19:34

Tgt Ion:202 Resp: 12477  
 Ion Ratio Lower Upper  
 202 100  
 101 8.2 6.6 10.0  
 203 17.1 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.11 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA\_N

ClientSampleId :

ICVBN062320

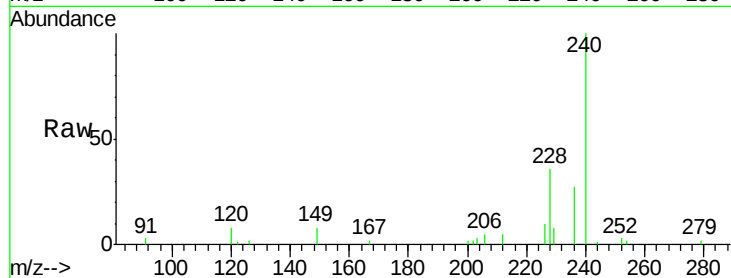
Tot Ion:240 Resp: 8735

Ion Ratio Lower Upper

240 100

120 7.8 5.4 8.0

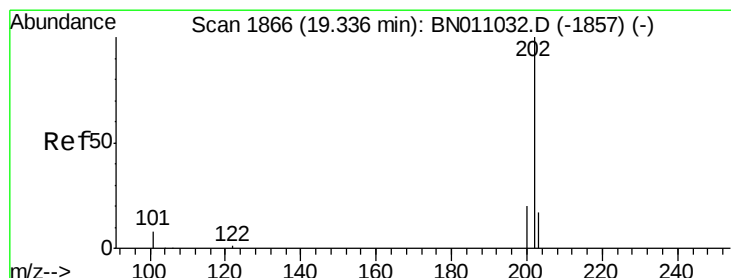
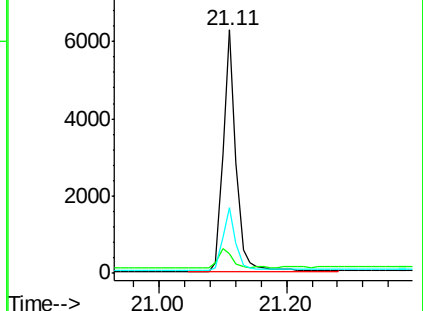
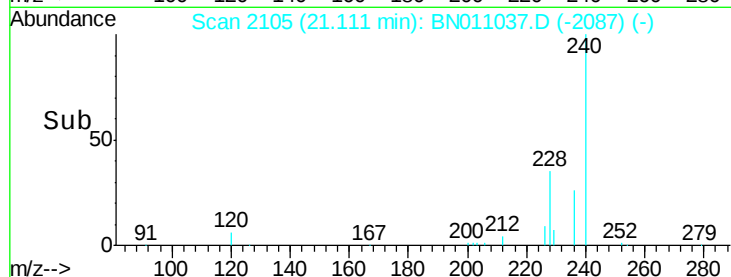
236 27.2 21.4 32.2



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



#30

Pyrene

Concen: 0.369 ng

RT: 19.34 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

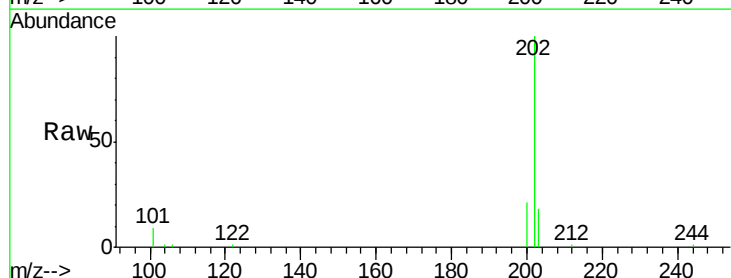
Tgt Ion:202 Resp: 12411

Ion Ratio Lower Upper

202 100

200 20.4 16.6 24.8

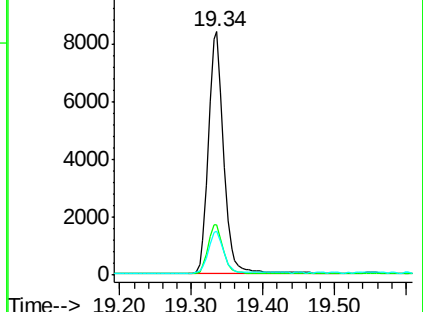
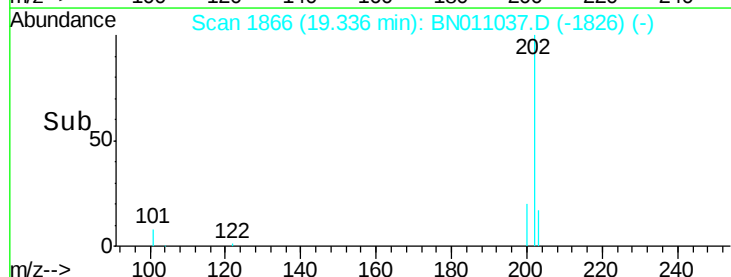
203 17.4 14.2 21.2

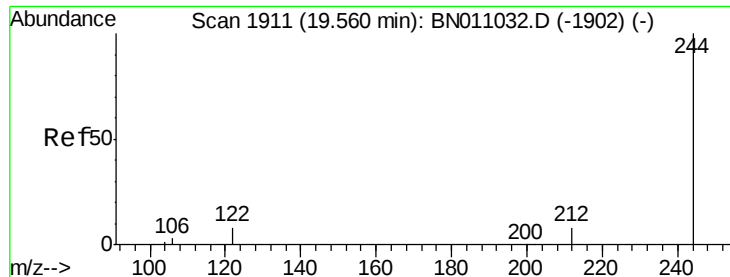


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.374 ng

RT: 19.55 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA\_N

ClientSampleId :

ICVBN062320

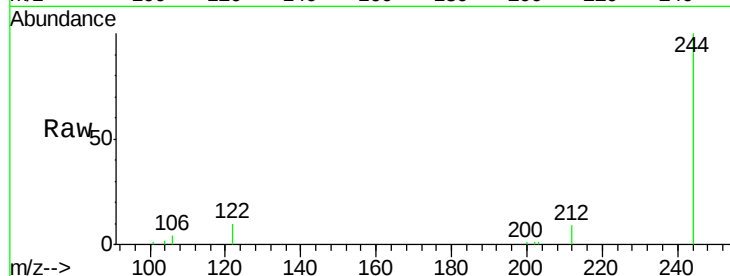
Tot Ion:244 Resp: 8779

Ion Ratio Lower Upper

244 100

212 8.8 6.9 10.3

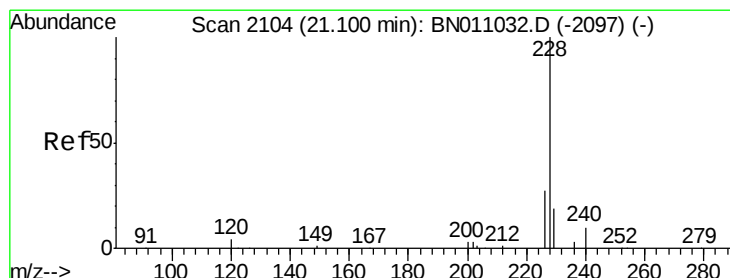
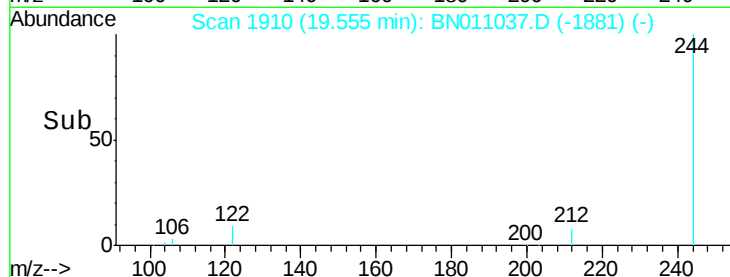
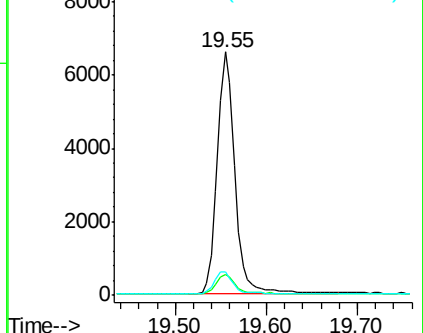
122 9.7 7.4 11.0



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



#32

Benzo(a)anthracene

Concen: 0.393 ng

RT: 21.10 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

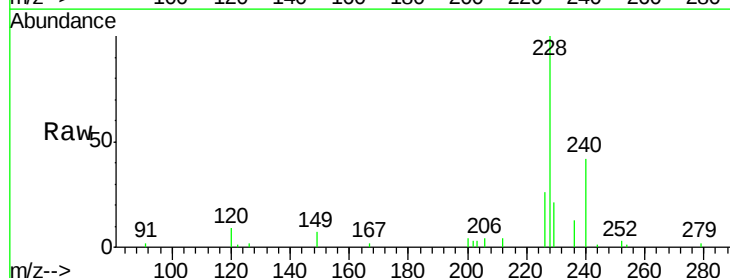
Tgt Ion:228 Resp: 11907

Ion Ratio Lower Upper

228 100

226 26.3 22.0 33.0

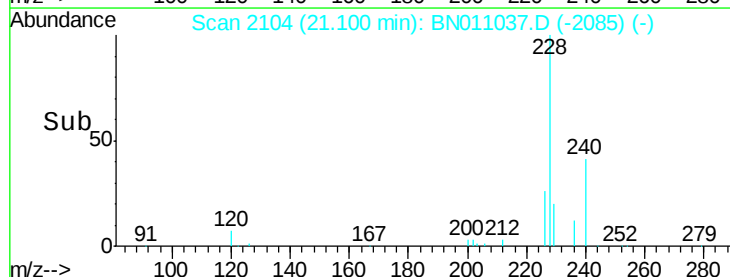
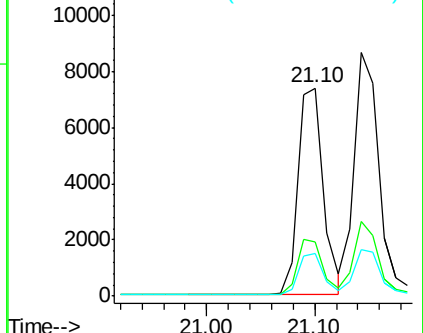
229 20.8 15.9 23.9

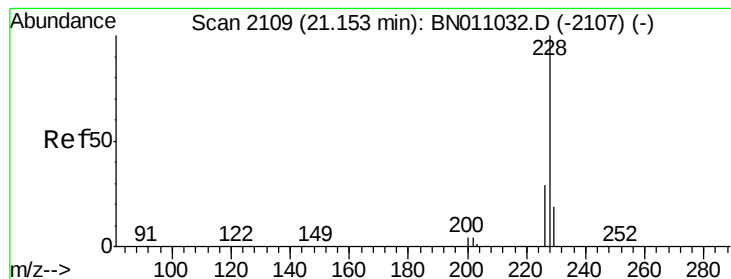


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.413 ng

RT: 21.14 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA\_N

ClientSampleId :

ICVBN062320

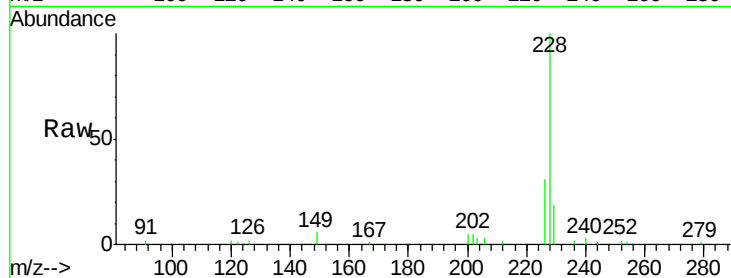
Tot Ion:228 Resp: 13612

Ion Ratio Lower Upper

228 100

226 30.6 23.8 35.6

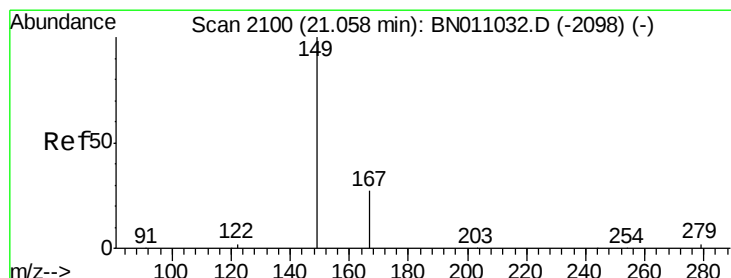
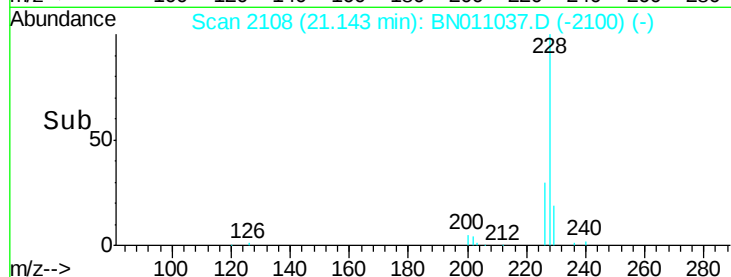
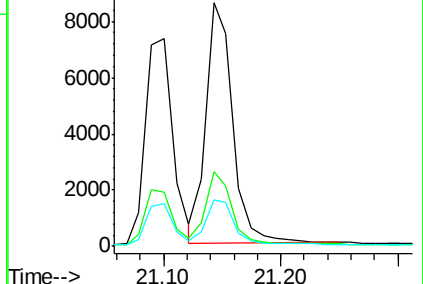
229 19.2 15.8 23.6



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.363 ng

RT: 21.06 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

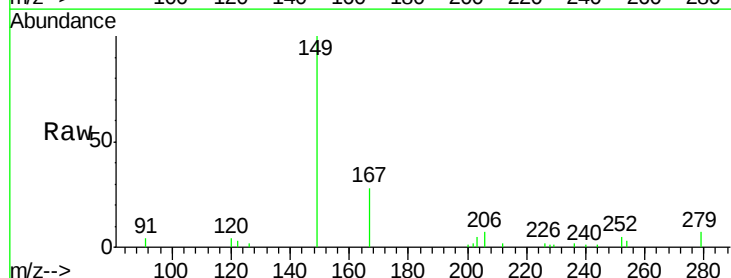
Tgt Ion:149 Resp: 4419

Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

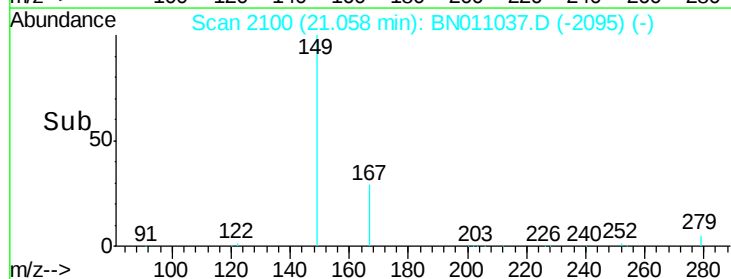
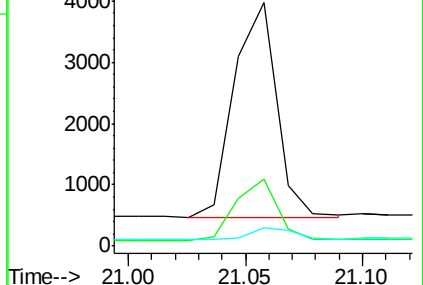
279 5.0 3.9 5.9

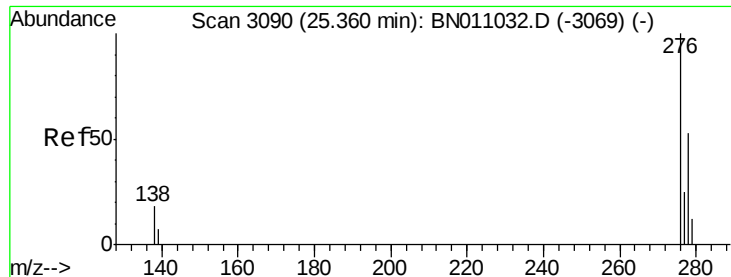


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Indeno(1,2,3-cd)pyrene

Concen: 0.454 ng

RT: 25.35 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA\_N

ClientSampleId :

ICVBN062320

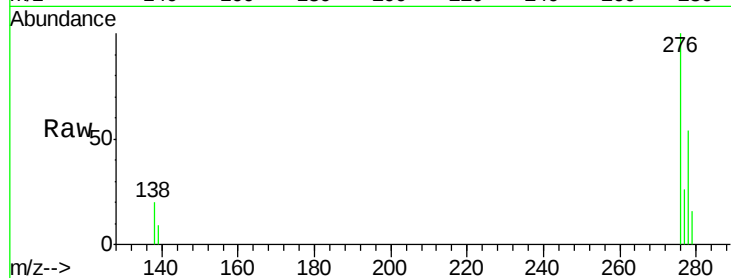
Tot Ion:276 Resp: 16670

Ion Ratio Lower Upper

276 100

138 20.2 16.2 24.2

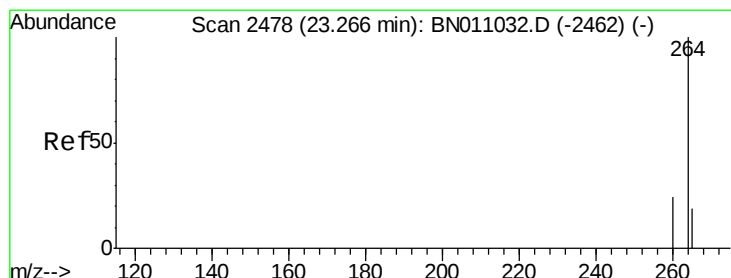
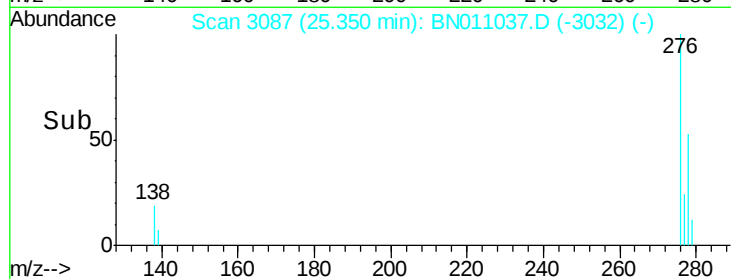
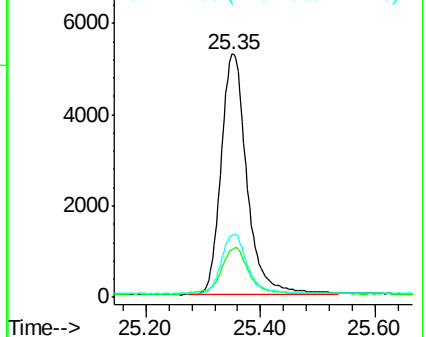
277 24.8 19.9 29.9



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.25 min Scan# 2474

Delta R.T. -0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

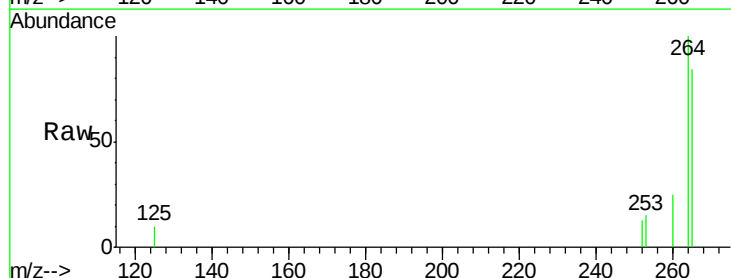
Tgt Ion:264 Resp: 7933

Ion Ratio Lower Upper

264 100

260 24.8 20.0 30.0

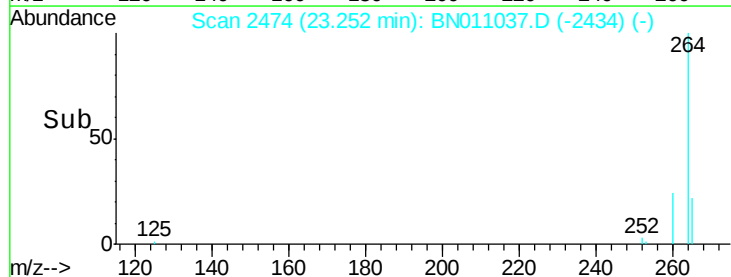
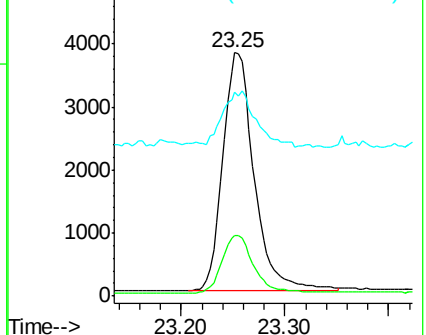
265 83.7 64.9 97.3

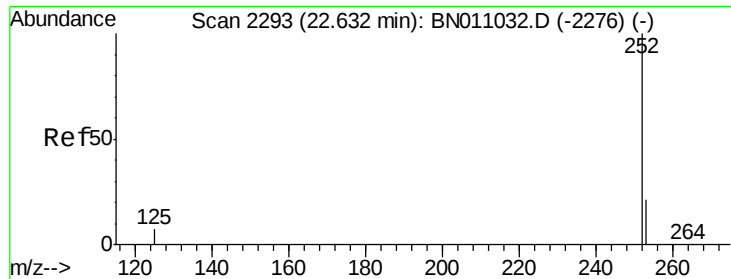


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(b)fluoranthene

Concen: 0.455 ng

RT: 22.62 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA\_N

ClientSampleId :

ICVBN062320

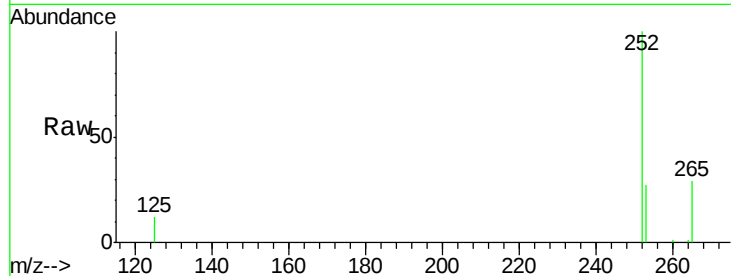
Tot Ion:252 Resp: 14283

Ion Ratio Lower Upper

252 100

253 27.1 21.4 32.0

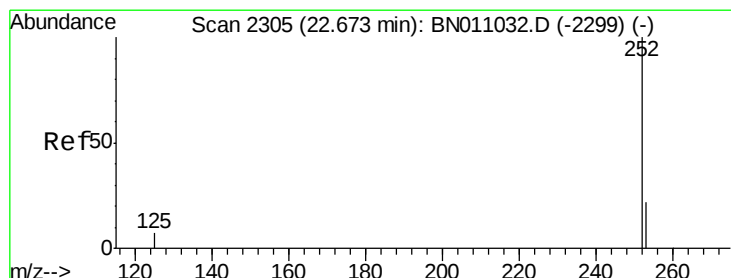
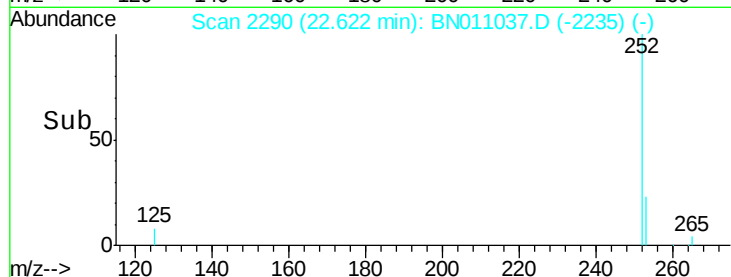
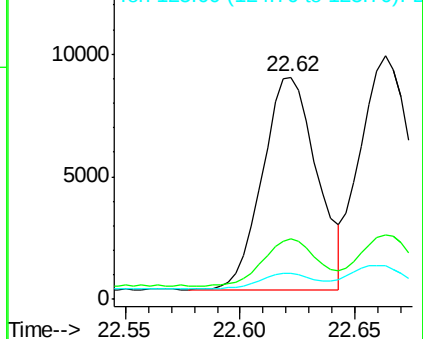
125 11.9 9.3 13.9



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



#38

Benzo(k)fluoranthene

Concen: 0.488 ng

RT: 22.66 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

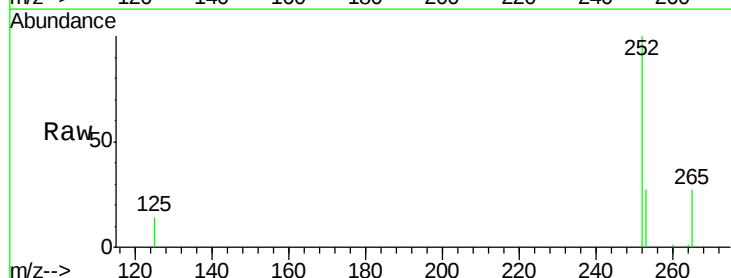
Tgt Ion:252 Resp: 15933

Ion Ratio Lower Upper

252 100

253 26.6 21.8 32.6

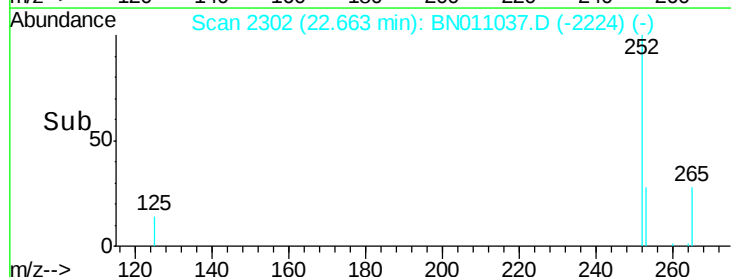
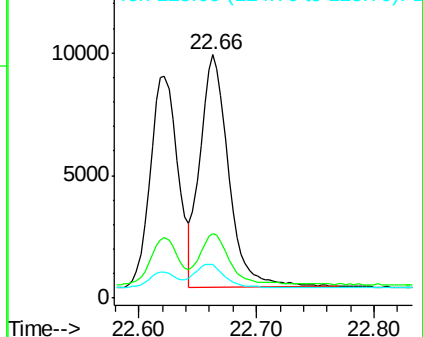
125 13.8 9.8 14.6

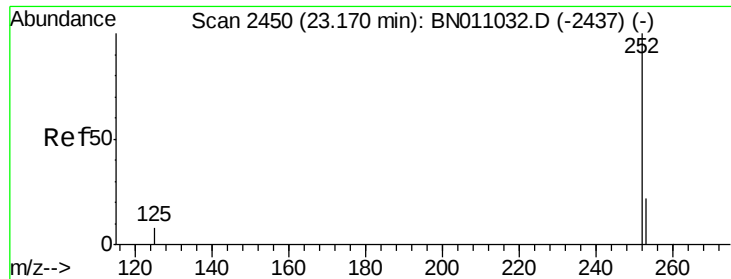


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.405 ng

RT: 23.16 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA\_N

ClientSampleId :

ICVBN062320

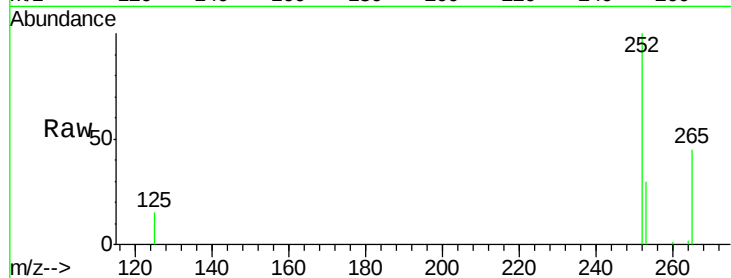
Tot Ion:252 Resp: 11280

Ion Ratio Lower Upper

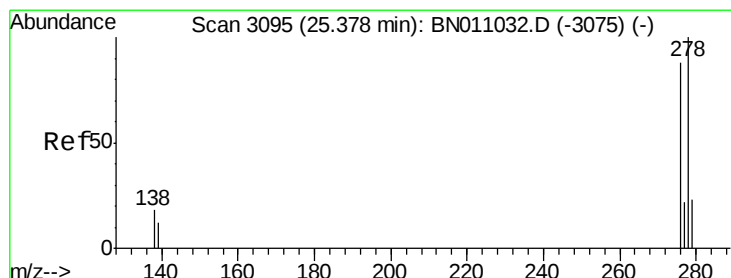
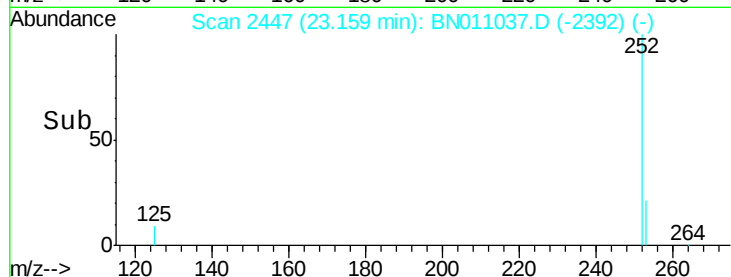
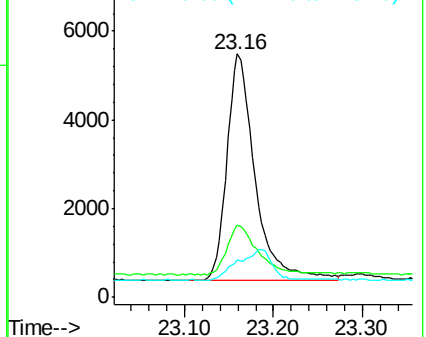
252 100

253 29.6 23.1 34.7

125 15.3 11.2 16.8



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



#40

Dibenzo(a,h)anthracene

Concen: 0.447 ng

RT: 25.37 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

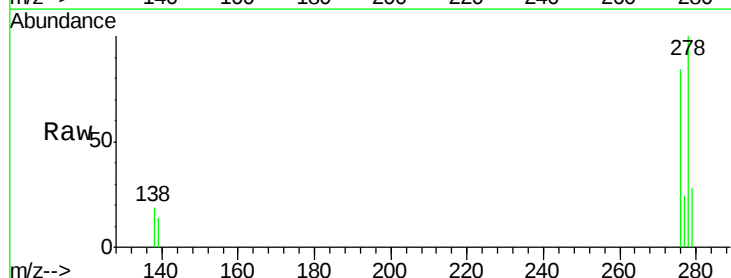
Tgt Ion:278 Resp: 13420

Ion Ratio Lower Upper

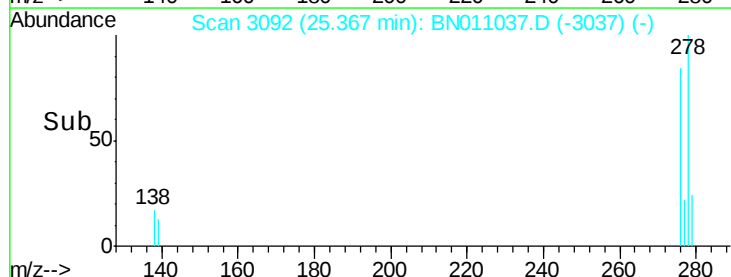
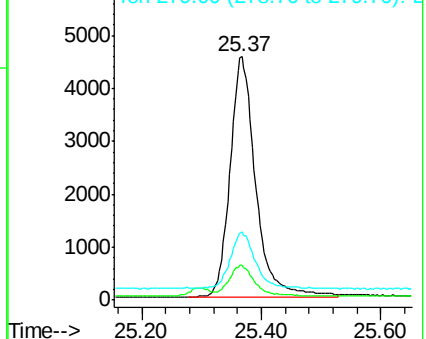
278 100

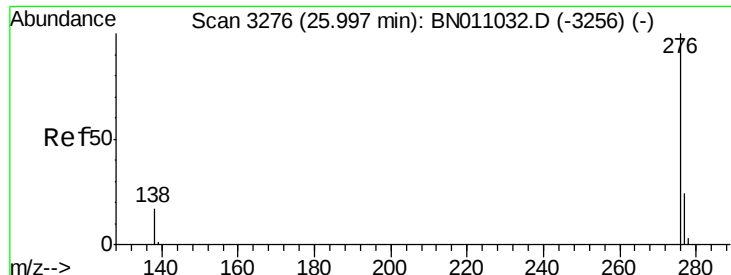
139 14.2 11.2 16.8

279 28.2 22.6 34.0



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





#41

Benzo(a,h,i)perylene

Concen: 0.403 ng

RT: 25.99 min Scan# 3273

Delta R.T. -0.01 min

Lab File: BN011037.D

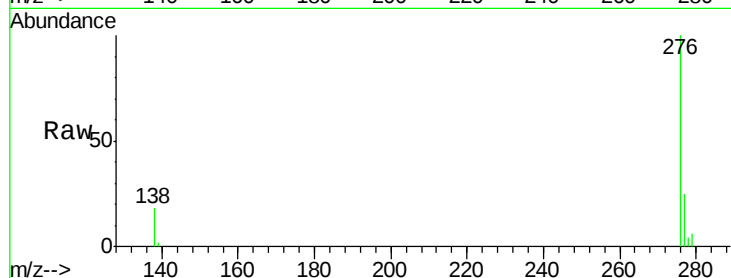
Acq: 23 Jun 2020 19:34

Instrument :

BNA\_N

ClientSampleId :

ICVBN062320



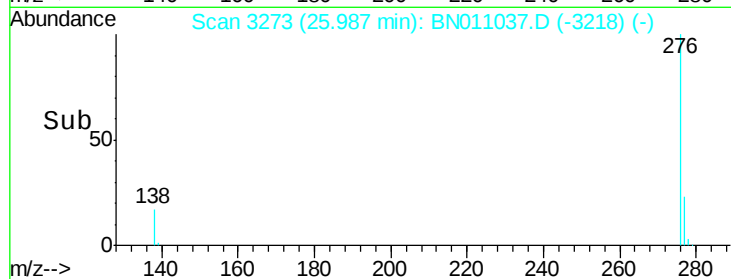
Tot Ion:276 Resp: 12530

Ion Ratio Lower Upper

276 100

277 25.0 20.4 30.6

138 18.2 15.1 22.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

