

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072720\  
 Data File : BN011266.D  
 Acq On : 27 Jul 2020 08:46  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Jul 27 11:11:07 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 27 10:06:24 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.48  | 152  | 1779     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.22 | 136  | 7364     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.10 | 164  | 4404     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.86 | 188  | 9718     | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12          | 21.08 | 240  | 7722     | 0.40 | ng    | 0.00     |
| 36) Perylene-d12          | 23.21 | 264  | 7314     | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.14  | 112 | 1790  | 0.41 | ng | 0.00 |
| 5) Phenol-d6                | 6.68  | 99  | 2139  | 0.43 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.62  | 82  | 2411  | 0.37 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.82 | 152 | 4962  | 0.42 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.61 | 330 | 734   | 0.38 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 12.72 | 172 | 7359  | 0.36 | ng | 0.00 |
| 27) Fluoranthene-d10        | 18.91 | 212 | 11418 | 0.37 | ng | 0.00 |
| 31) Terphenyl-d14           | 19.53 | 244 | 8823  | 0.44 | ng | 0.00 |

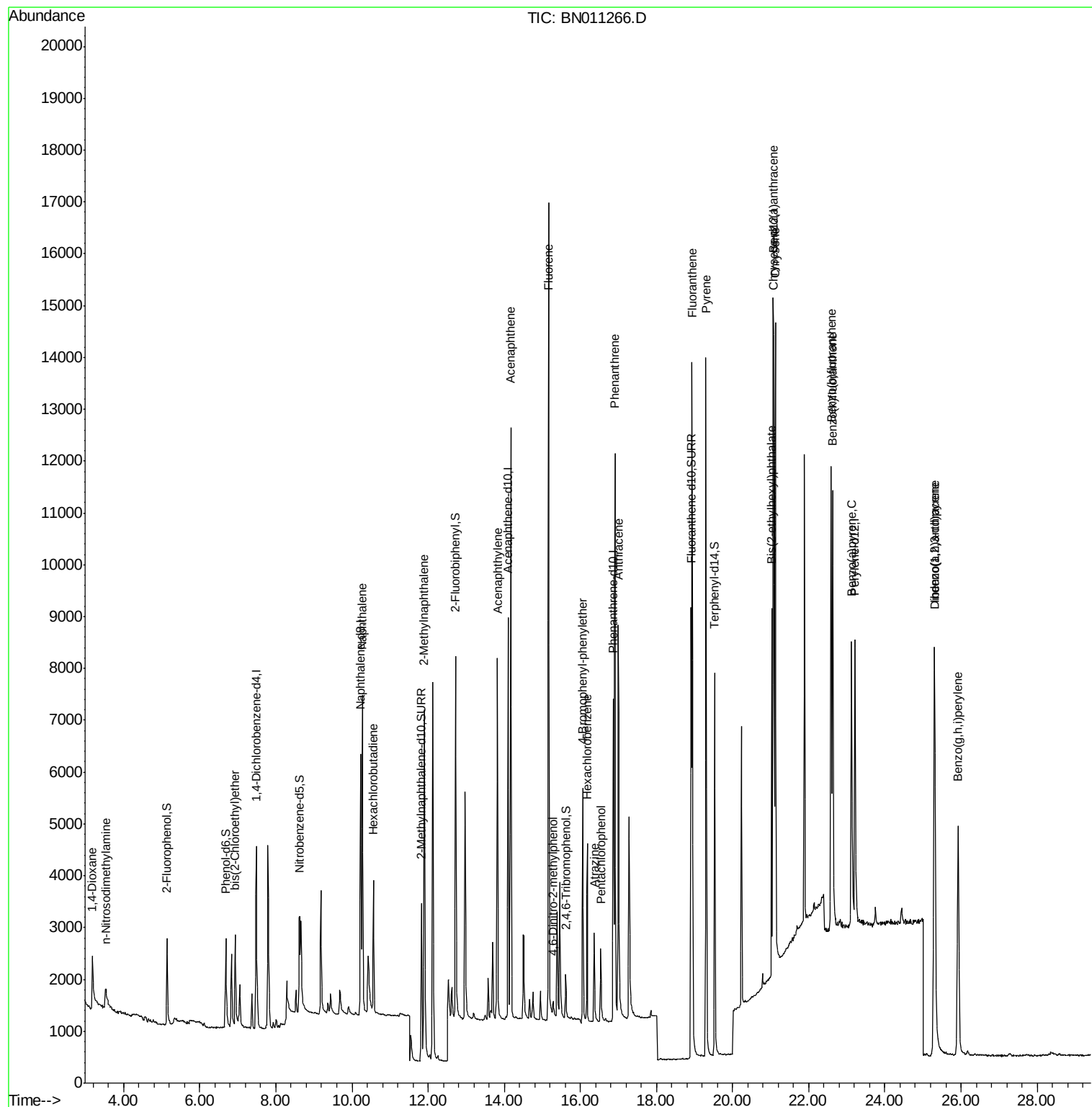
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.19  | 88  | 1074  | 0.422  | ng | # 97 |
| 3) n-Nitrosodimethylamine      | 3.54  | 42  | 474   | 0.370  | ng | # 97 |
| 6) bis(2-Chloroethyl)ether     | 6.93  | 93  | 1791  | 0.394  | ng | 98   |
| 9) Naphthalene                 | 10.28 | 128 | 8284  | 0.378  | ng | 99   |
| 10) Hexachlorobutadiene        | 10.57 | 225 | 1957  | 0.360  | ng | # 99 |
| 12) 2-Methylnaphthalene        | 11.90 | 142 | 5654  | 0.410  | ng | 98   |
| 16) Acenaphthylene             | 13.82 | 152 | 8177  | 0.365  | ng | 100  |
| 17) Acenaphthene               | 14.17 | 154 | 5581  | 0.373  | ng | 99   |
| 18) Fluorene                   | 15.17 | 166 | 7070  | 0.369  | ng | 100  |
| 20) 4,6-Dinitro-2-methylphenol | 15.28 | 198 | 436   | 0.374  | ng | # 83 |
| 21) 4-Bromophenyl-phenylether  | 16.07 | 248 | 2404  | 0.364  | ng | 94   |
| 22) Hexachlorobenzene          | 16.18 | 284 | 2580  | 0.336  | ng | 97   |
| 23) Atrazine                   | 16.36 | 200 | 1818  | 0.393  | ng | 95   |
| 24) Pentachlorophenol          | 16.53 | 266 | 826   | 0.362  | ng | 95   |
| 25) Phenanthrene               | 16.91 | 178 | 11850 | 0.380  | ng | 99   |
| 26) Anthracene                 | 16.99 | 178 | 9669  | 0.373  | ng | 100  |
| 28) Fluoranthene               | 18.94 | 202 | 13699 | 0.366  | ng | 99   |
| 30) Pyrene                     | 19.31 | 202 | 13679 | 0.464  | ng | 99   |
| 32) Benzo(a)anthracene         | 21.07 | 228 | 10688 | 0.427  | ng | 98   |
| 33) Chrysene                   | 21.12 | 228 | 11100 | 0.363  | ng | 100  |
| 34) Bis(2-ethylhexyl)phthalate | 21.02 | 149 | 5676  | 0.551  | ng | 97   |
| 35) Indeno(1,2,3-cd)pyrene     | 25.29 | 276 | 10712 | 0.327  | ng | # 96 |
| 37) Benzo(b)fluoranthene       | 22.59 | 252 | 10485 | 0.357  | ng | 98   |
| 38) Benzo(k)fluoranthene       | 22.63 | 252 | 11263 | 0.339  | ng | 100  |
| 39) Benzo(a)pyrene             | 23.12 | 252 | 8909  | 0.337  | ng | 95   |
| 40) Dibenzo(a,h)anthracene     | 25.31 | 278 | 8335  | 0.297  | ng | 98   |
| 41) Benzo(g,h,i)perylene       | 25.92 | 276 | 9387  | 0.305  | ng | 97   |

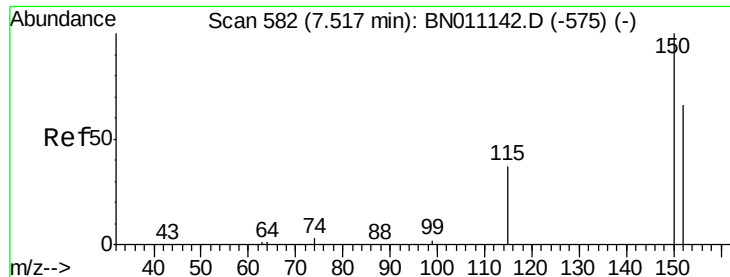
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072720\  
Data File : BN011266.D  
Acq On : 27 Jul 2020 08:46  
Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Quant Time: Jul 27 11:11:07 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jul 27 10:06:24 2020  
Response via : Initial Calibration



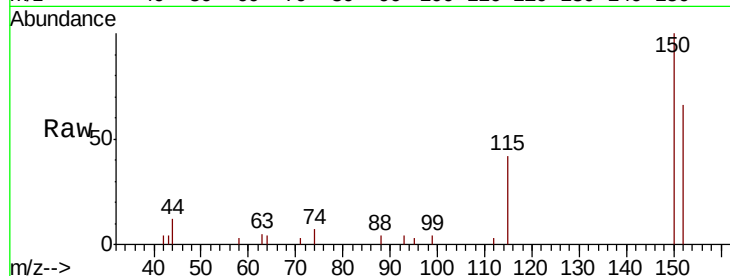


#1

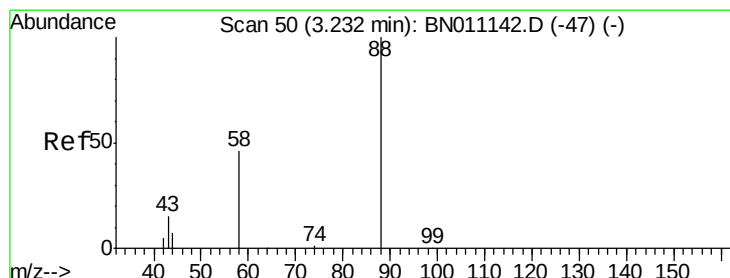
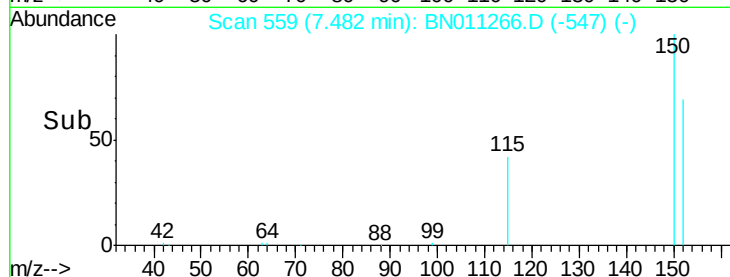
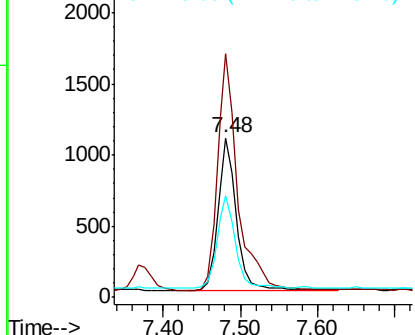
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.48 min Scan# 559  
Delta R.T. 0.00 min  
Lab File: BN011266.D  
Acq: 27 Jul 2020 08:46

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tot Ion:152 Resp: 1779  
Ion Ratio Lower Upper  
152 100  
150 152.5 119.4 179.0  
115 63.5 48.3 72.5



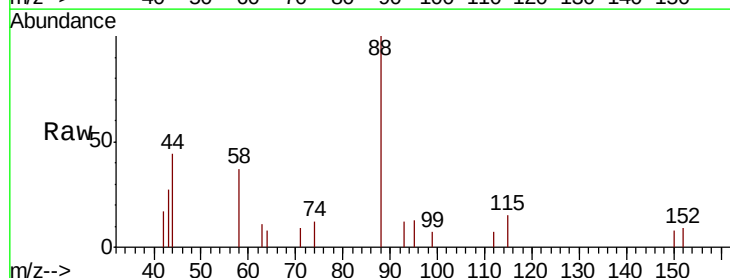
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



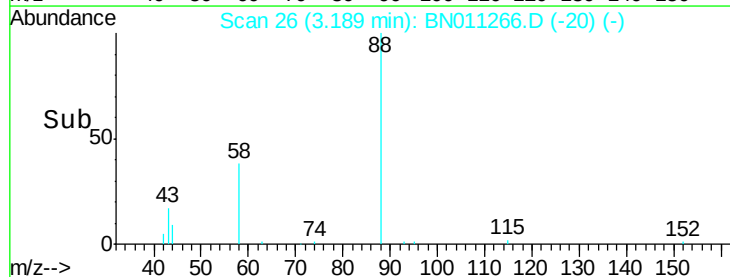
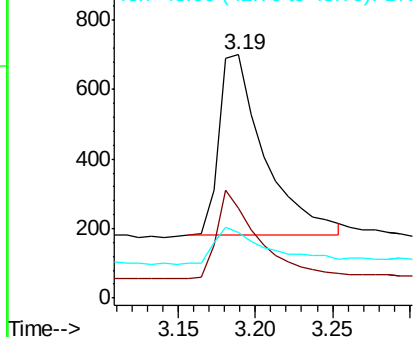
#2

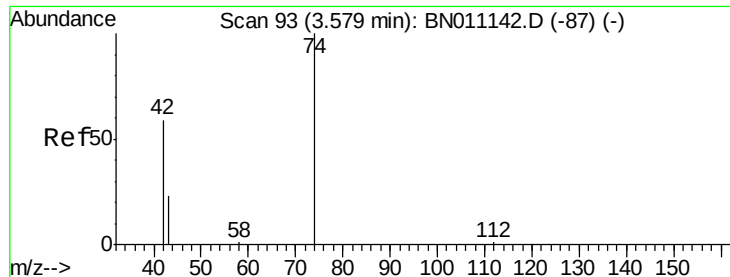
1,4-Dioxane  
Concen: 0.422 ng  
RT: 3.19 min Scan# 26  
Delta R.T. 0.00 min  
Lab File: BN011266.D  
Acq: 27 Jul 2020 08:46

Tgt Ion: 88 Resp: 1074  
Ion Ratio Lower Upper  
88 100  
58 45.2 36.5 54.7  
43 22.3 14.3 21.5



Abundance Ion 88.00 (87.70 to 88.70): BNC  
Ion 58.00 (57.70 to 58.70): BNC  
Ion 43.00 (42.70 to 43.70): BNC



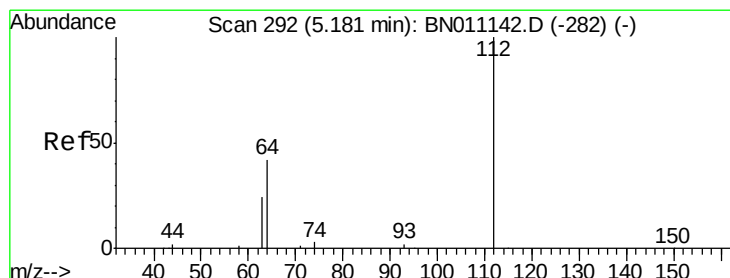
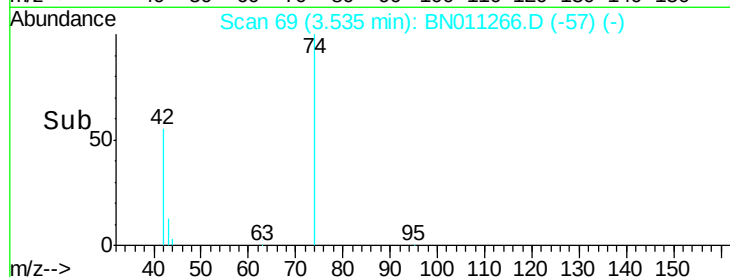
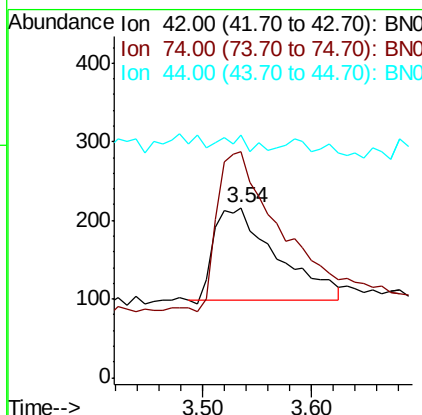
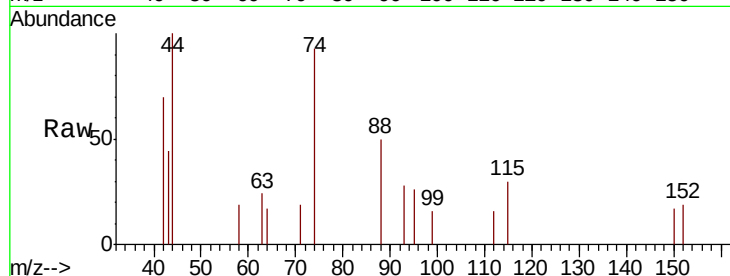


#3

n-Nitrosodimethylamine  
 Concen: 0.370 ng  
 RT: 3.54 min Scan# 69  
 Delta R.T. 0.00 min  
 Lab File: BN011266.D  
 Acq: 27 Jul 2020 08:46

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

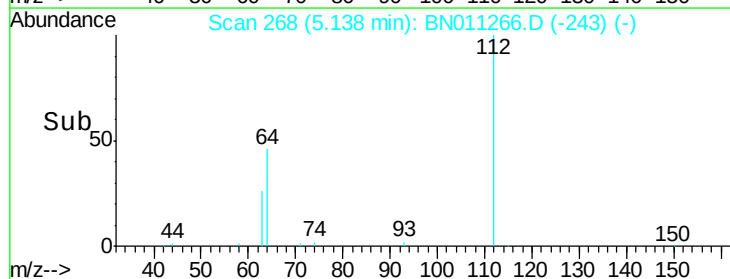
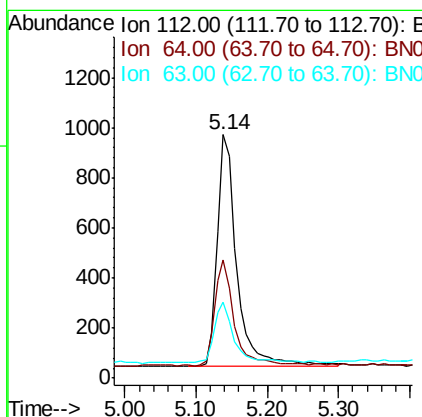
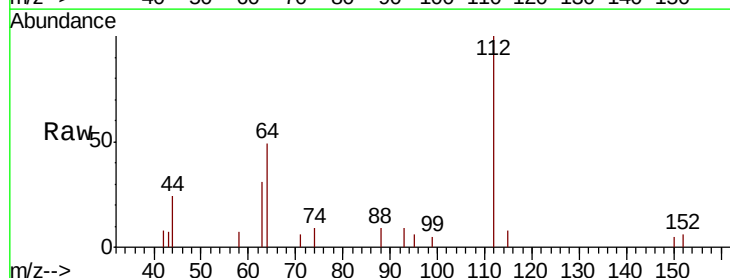
Tot Ion: 42 Resp: 474  
 Ion Ratio Lower Upper  
 42 100  
 74 171.7 140.9 211.3  
 44 5.7 7.6 11.4#

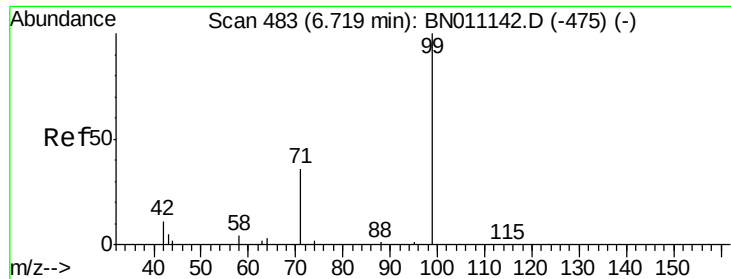


#4

2-Fluorophenol  
 Concen: 0.408 ng  
 RT: 5.14 min Scan# 268  
 Delta R.T. 0.00 min  
 Lab File: BN011266.D  
 Acq: 27 Jul 2020 08:46

Tgt Ion: 112 Resp: 1790  
 Ion Ratio Lower Upper  
 112 100  
 64 45.2 36.7 55.1  
 63 25.7 20.4 30.6





#5

Phenol-d6

Concen: 0.431 ng

RT: 6.68 min Scan# 460

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

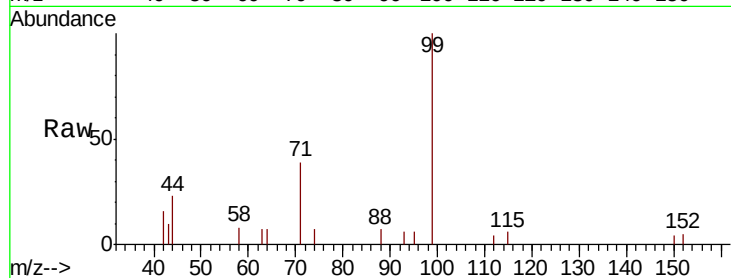
Tot Ion: 99 Resp: 2139

Ion Ratio Lower Upper

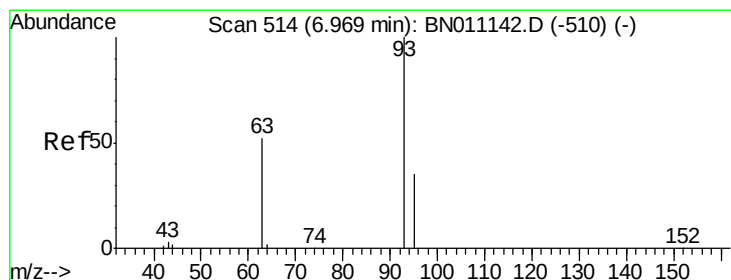
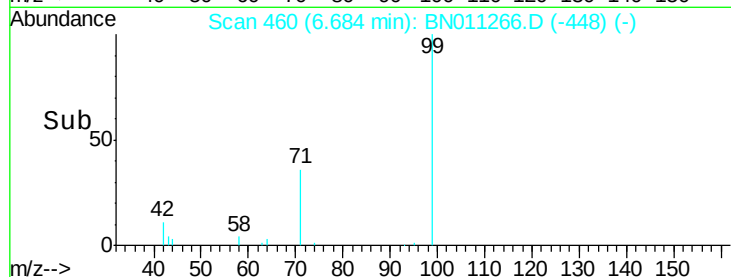
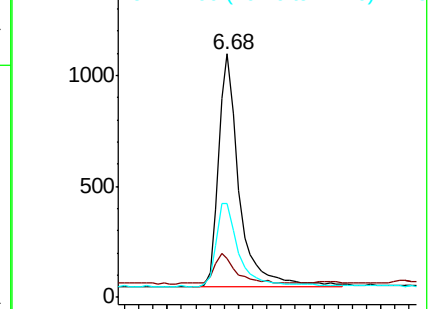
99 100

42 13.5 10.8 16.2

71 39.3 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BN0  
Ion 42.00 (41.70 to 42.70): BN0  
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.394 ng

RT: 6.93 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

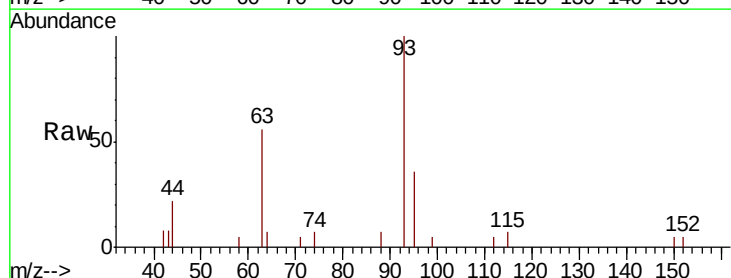
Tgt Ion: 93 Resp: 1791

Ion Ratio Lower Upper

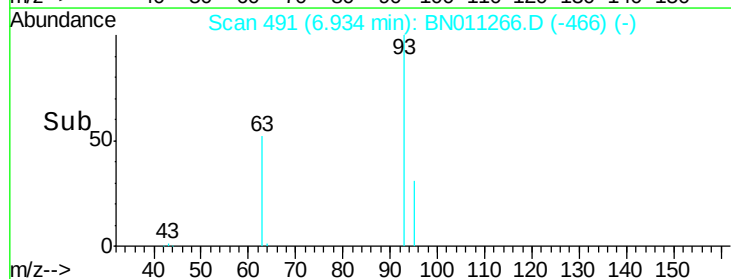
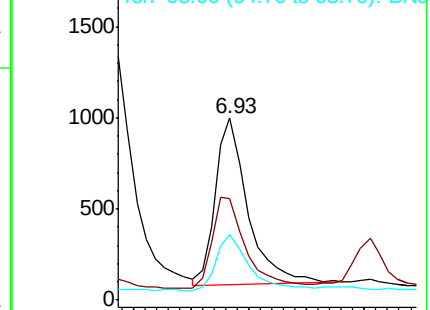
93 100

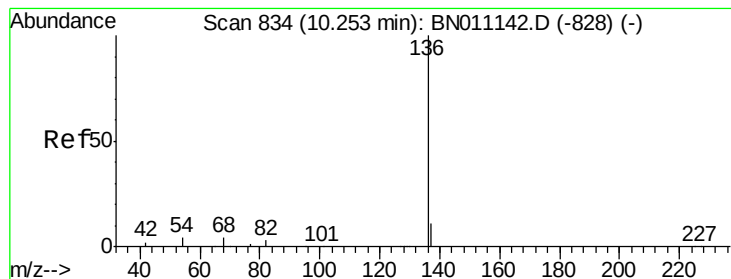
63 57.9 47.4 71.0

95 33.3 28.1 42.1



Abundance Ion 93.00 (92.70 to 93.70): BN0  
Ion 63.00 (62.70 to 63.70): BN0  
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 813

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 7364

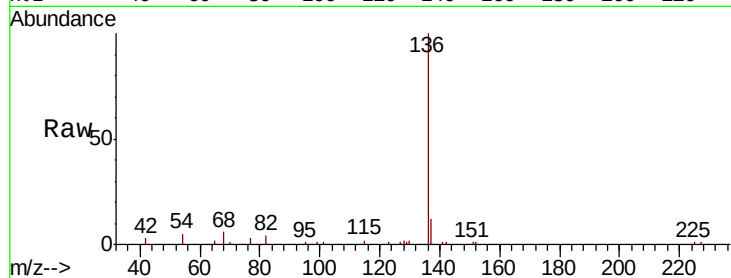
Ion Ratio Lower Upper

136 100

137 11.9 10.3 15.5

54 5.3 4.9 7.3

68 5.6 4.9 7.3

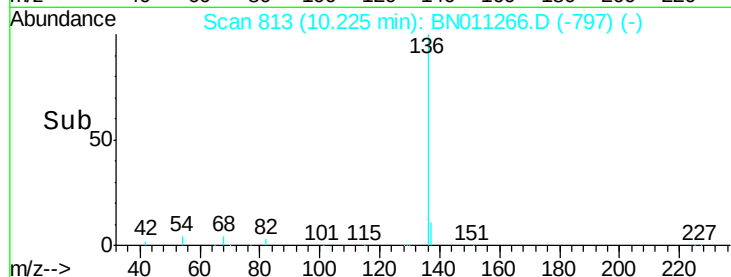


Abundance Ion 136.00 (135.70 to 136.70): E

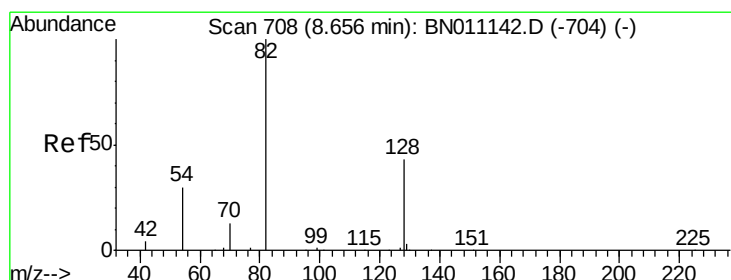
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.369 ng

RT: 8.62 min Scan# 686

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

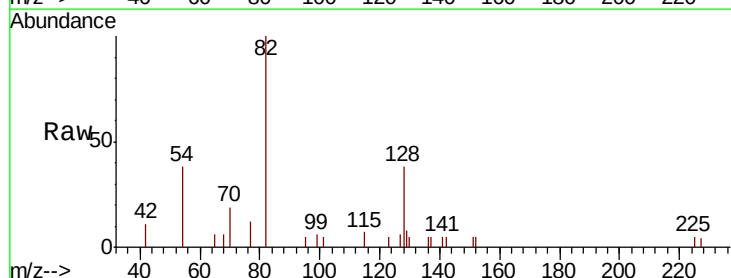
Tgt Ion: 82 Resp: 2411

Ion Ratio Lower Upper

82 100

128 38.3 38.1 57.1

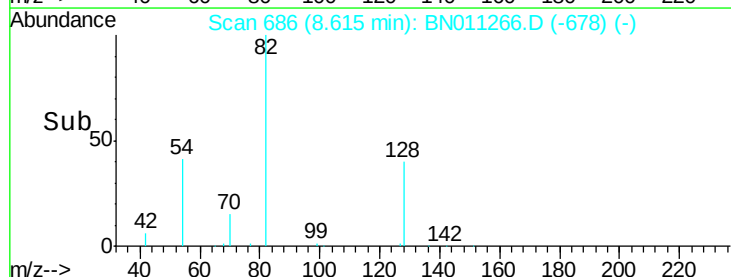
54 37.9 27.1 40.7



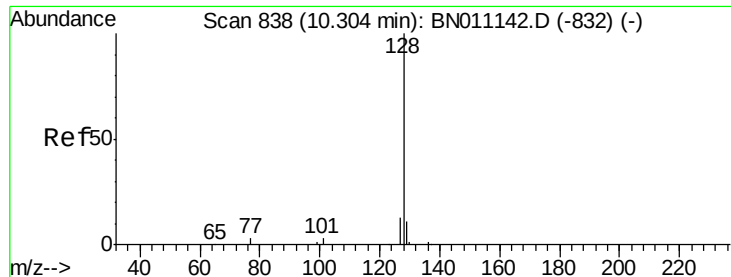
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.378 ng

RT: 10.28 min Scan# 817

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

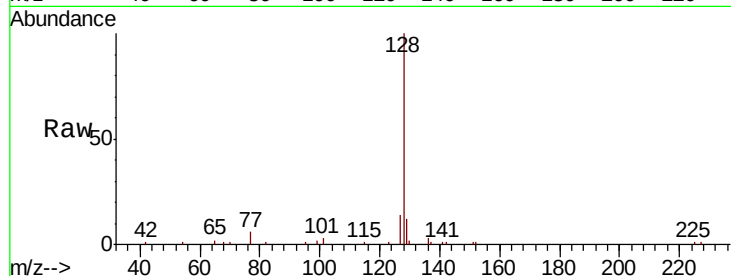
Tot Ion:128 Resp: 8284

Ion Ratio Lower Upper

128 100

129 11.9 9.8 14.6

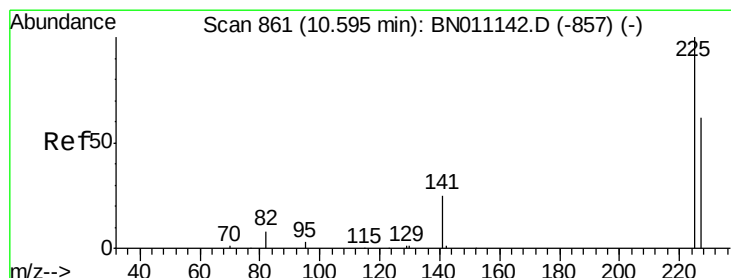
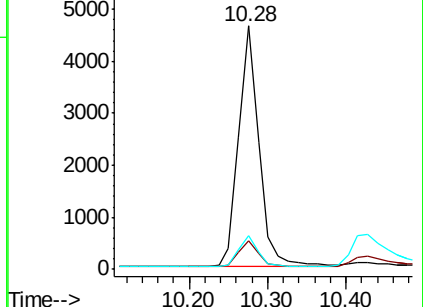
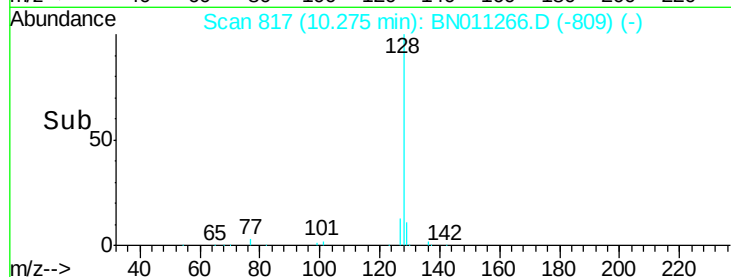
127 14.0 11.8 17.6



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: 0.360 ng

RT: 10.57 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

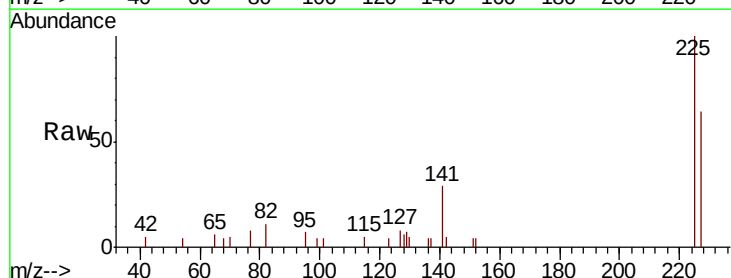
Tgt Ion:225 Resp: 1957

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

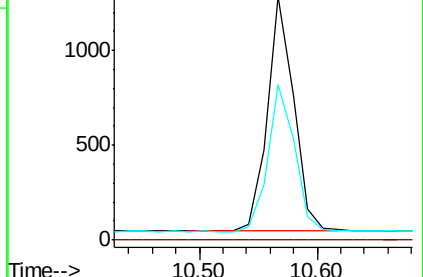
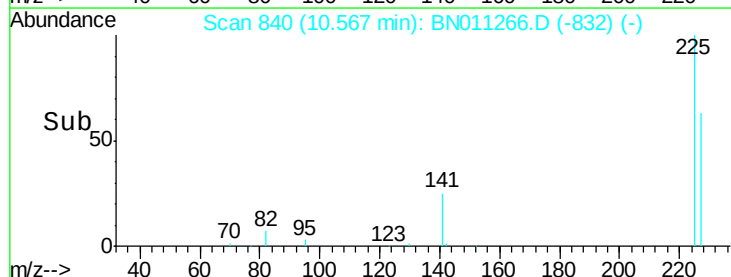
227 63.1 51.2 76.8

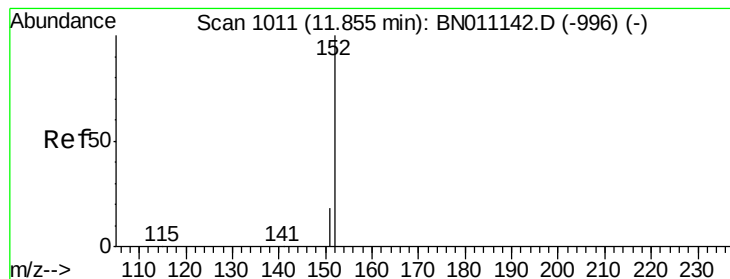


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.415 ng

RT: 11.82 min Scan# 984

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

Instrument :

BNA\_N

ClientSampleId :

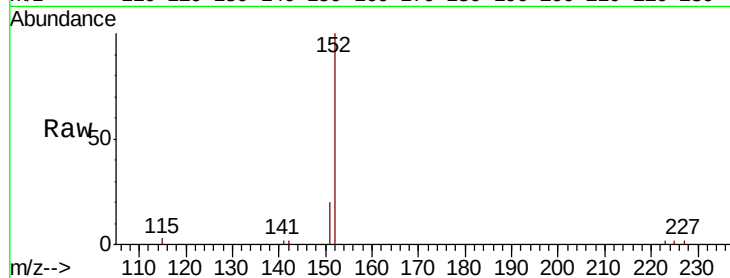
SSTDCCC0.4

Tot Ion:152 Resp: 4962

Ion Ratio Lower Upper

152 100

151 20.3 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.82

2500

2000

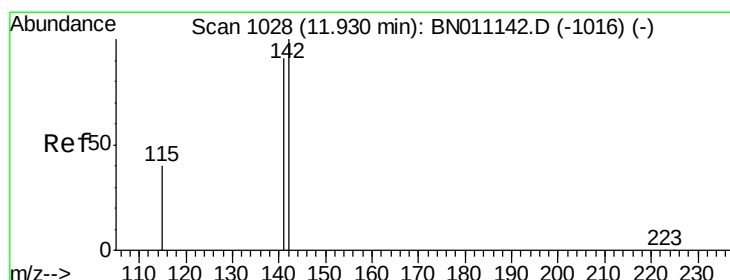
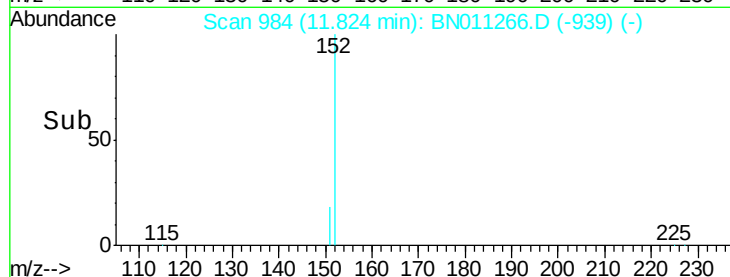
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.410 ng

RT: 11.90 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

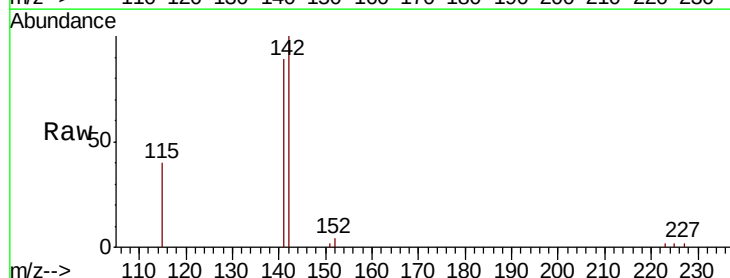
Tgt Ion:142 Resp: 5654

Ion Ratio Lower Upper

142 100

141 89.3 72.7 109.1

115 39.6 33.8 50.6



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

11.90

4000

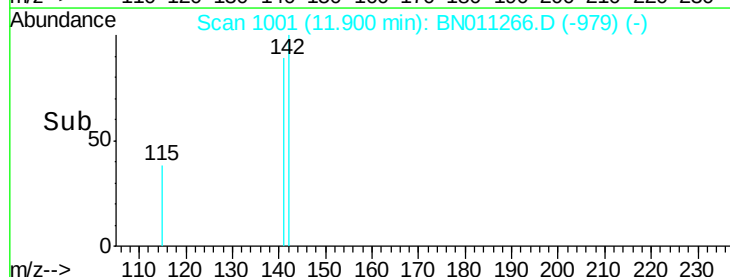
3000

2000

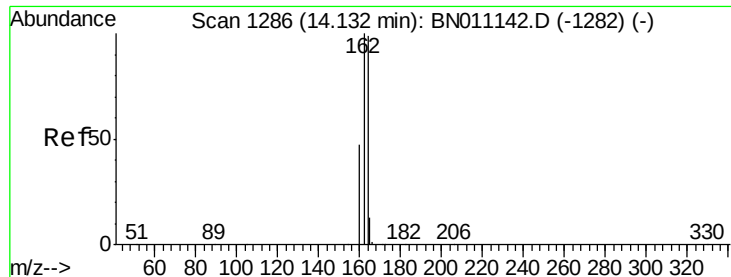
1000

0

Time-->



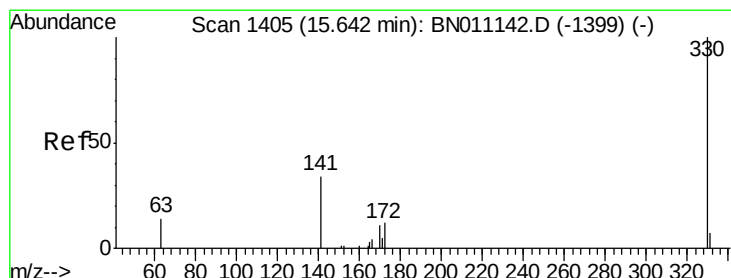
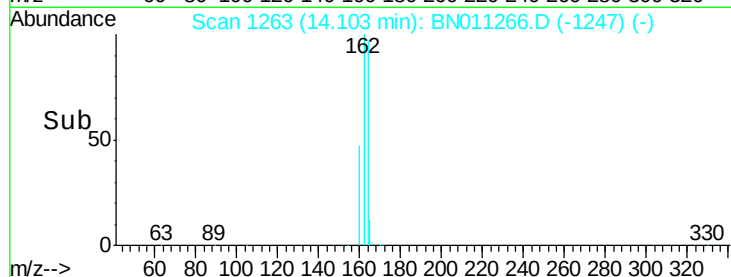
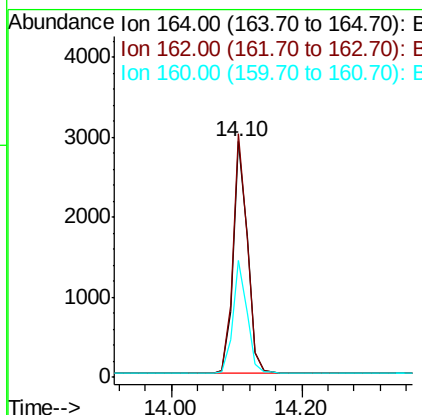
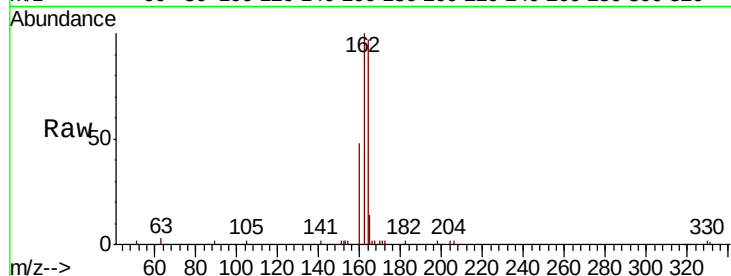




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.10 min Scan# 1263  
 Delta R.T. 0.00 min  
 Lab File: BN011266.D  
 Acq: 27 Jul 2020 08:46

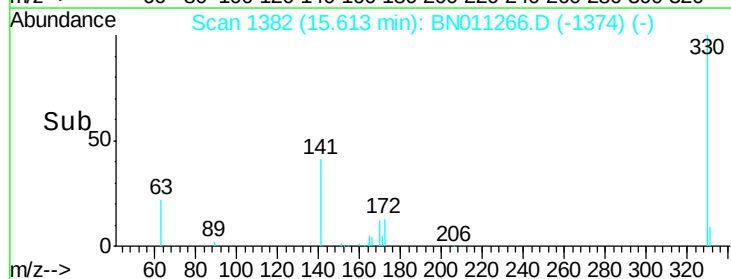
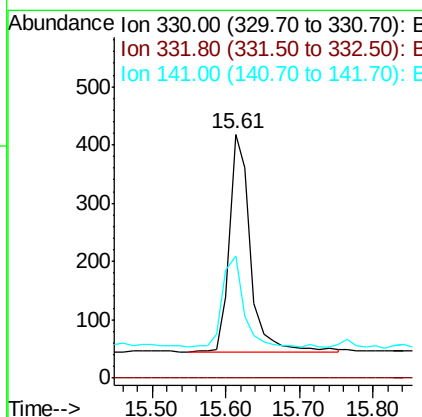
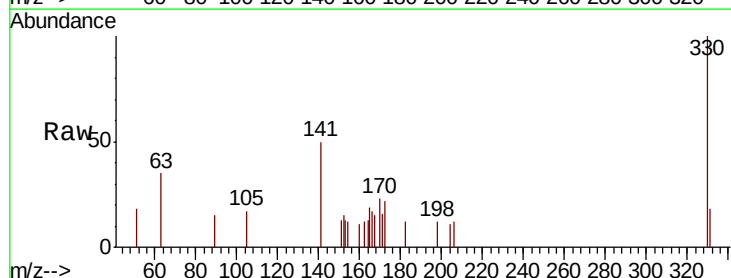
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

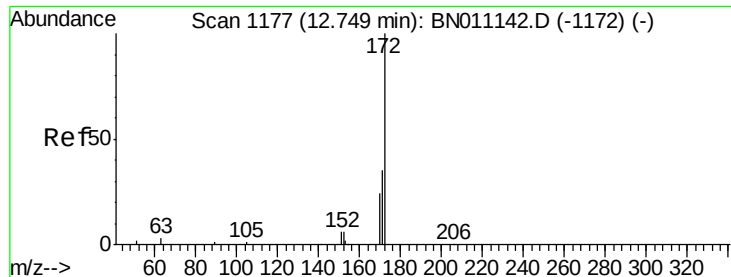
Tot Ion:164 Resp: 4404  
 Ion Ratio Lower Upper  
 164 100  
 162 103.3 81.0 121.4  
 160 49.7 39.0 58.6



#14  
 2,4,6-Tribromophenol  
 Concen: 0.376 ng  
 RT: 15.61 min Scan# 1382  
 Delta R.T. 0.00 min  
 Lab File: BN011266.D  
 Acq: 27 Jul 2020 08:46

Tgt Ion:330 Resp: 734  
 Ion Ratio Lower Upper  
 330 100  
 332 0.0 0.0 0.0  
 141 42.0 31.5 47.3

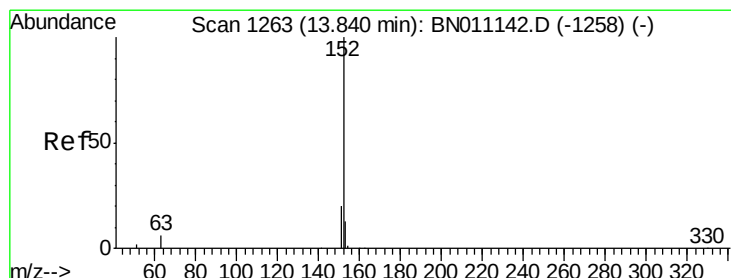
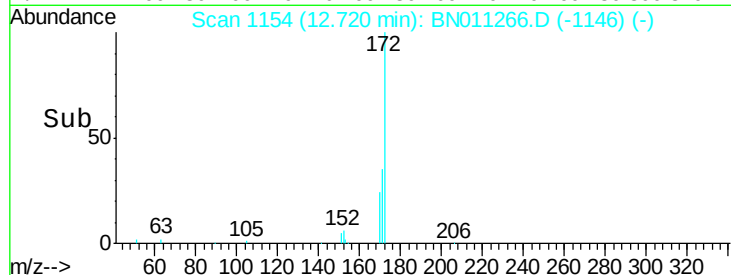
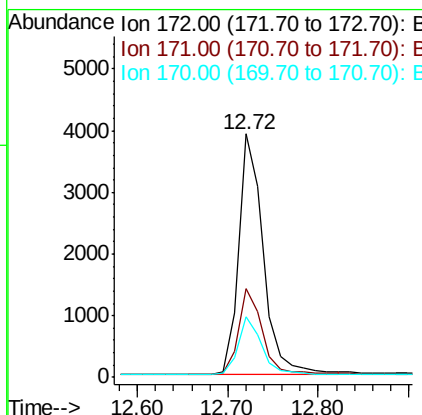
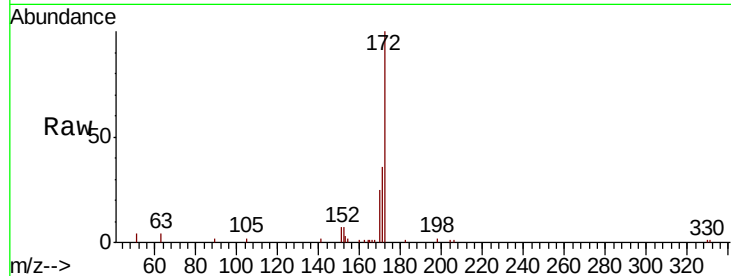




#15  
2-Fluorobiphenyl  
Concen: 0.357 ng  
RT: 12.72 min Scan# 1154  
Delta R.T. 0.00 min  
Lab File: BN011266.D  
Acq: 27 Jul 2020 08:46

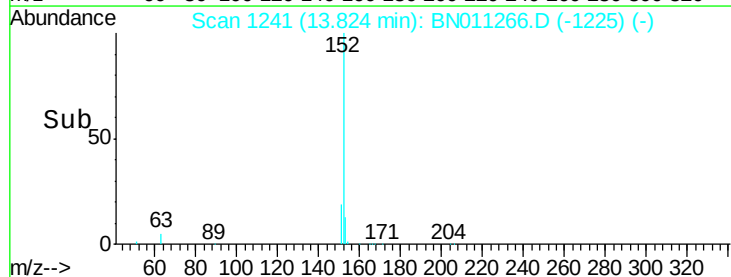
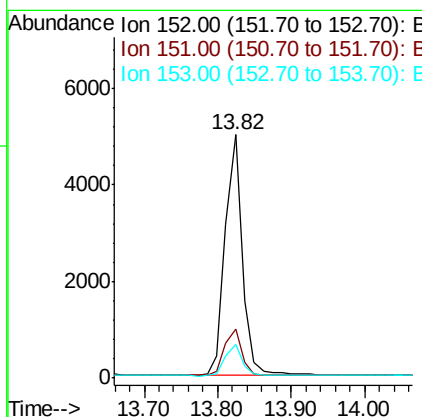
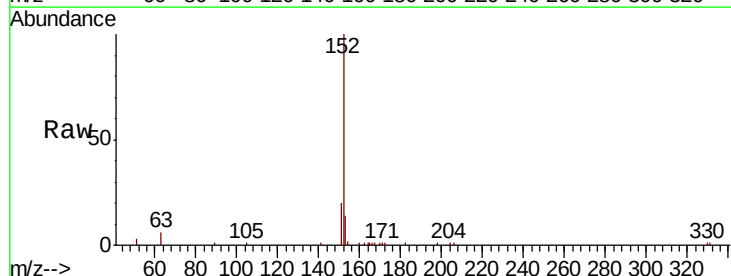
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

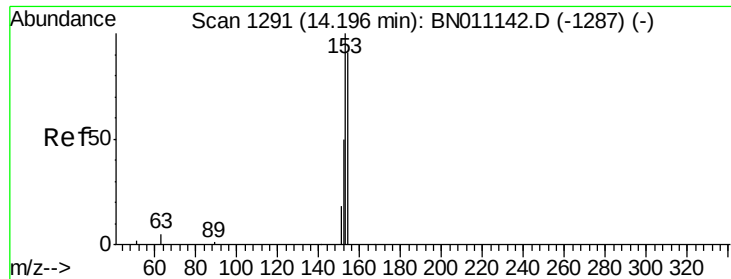
Tot Ion:172 Resp: 7359  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.0 43.6  
170 24.8 20.3 30.5



#16  
Acenaphthylene  
Concen: 0.365 ng  
RT: 13.82 min Scan# 1241  
Delta R.T. 0.00 min  
Lab File: BN011266.D  
Acq: 27 Jul 2020 08:46

Tgt Ion:152 Resp: 8177  
Ion Ratio Lower Upper  
152 100  
151 19.3 15.7 23.5  
153 13.3 10.6 15.8





#17

Acenaphthene

Concen: 0.373 ng

RT: 14.17 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

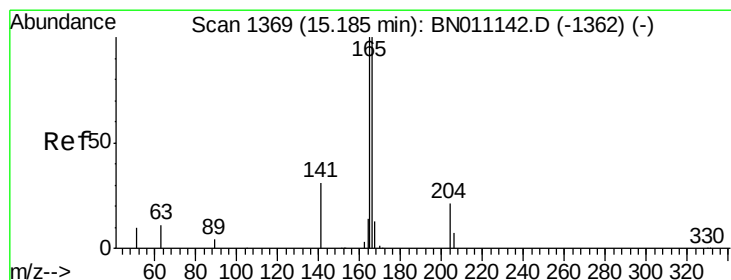
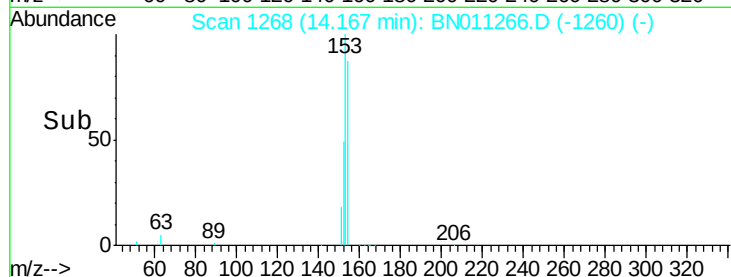
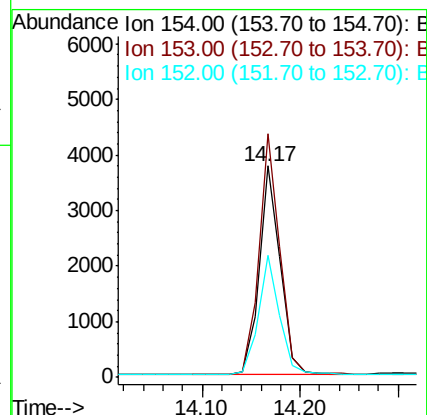
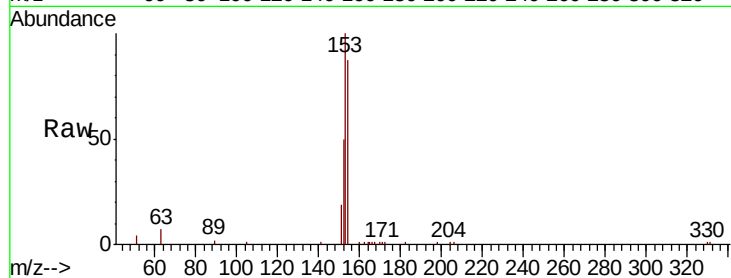
Tot Ion:154 Resp: 5581

Ion Ratio Lower Upper

154 100

153 115.4 91.3 136.9

152 57.3 46.6 69.8



#18

Fluorene

Concen: 0.369 ng

RT: 15.17 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

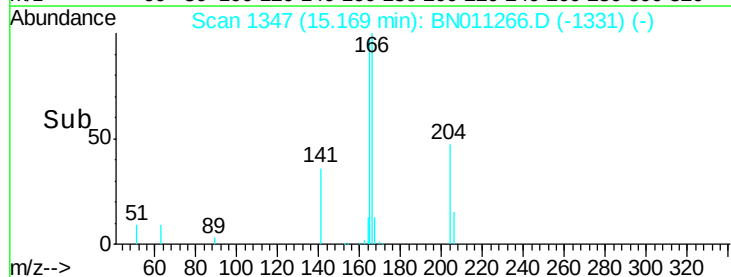
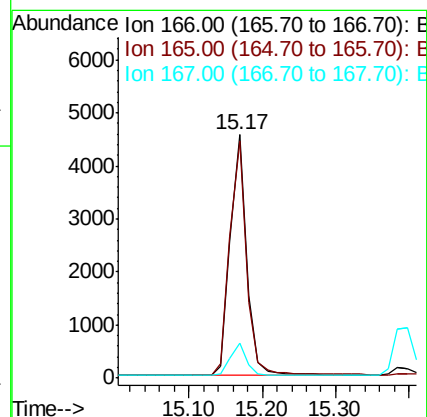
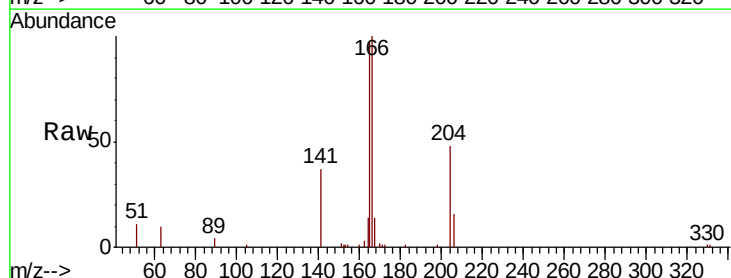
Tgt Ion:166 Resp: 7070

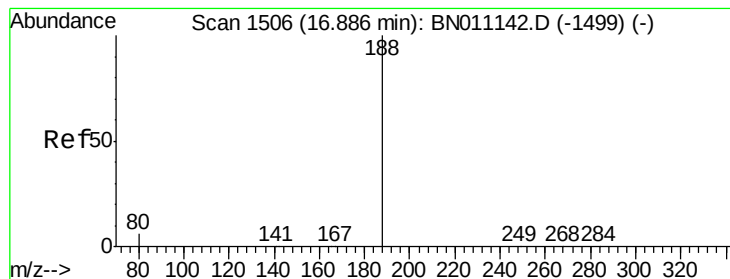
Ion Ratio Lower Upper

166 100

165 98.8 79.1 118.7

167 13.4 10.5 15.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.86 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

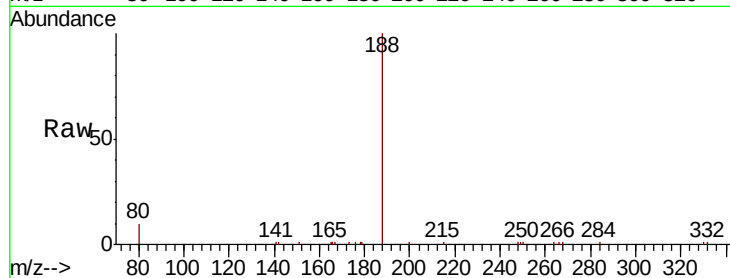
Tot Ion:188 Resp: 9718

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

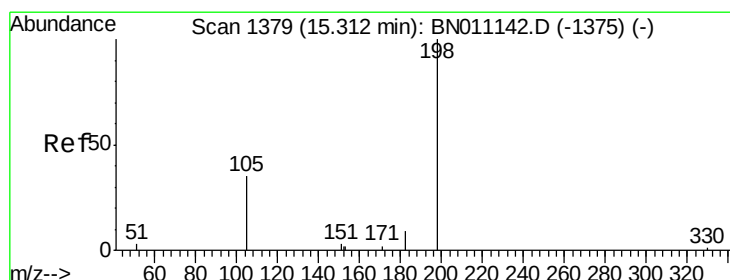
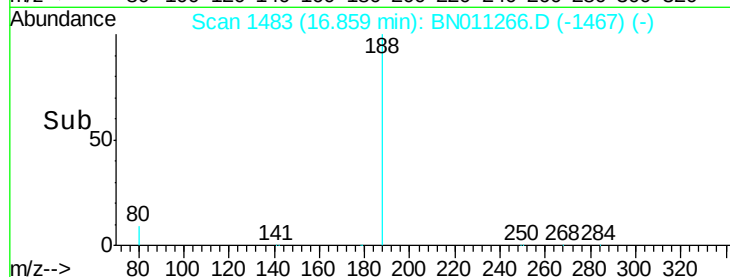
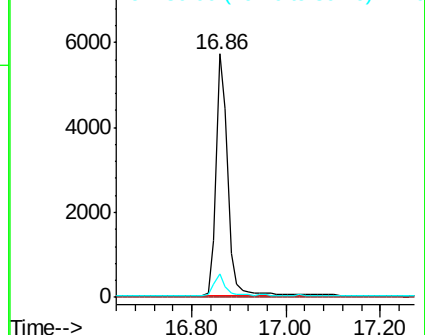
80 9.8 6.3 9.5#



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: 0.374 ng

RT: 15.28 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

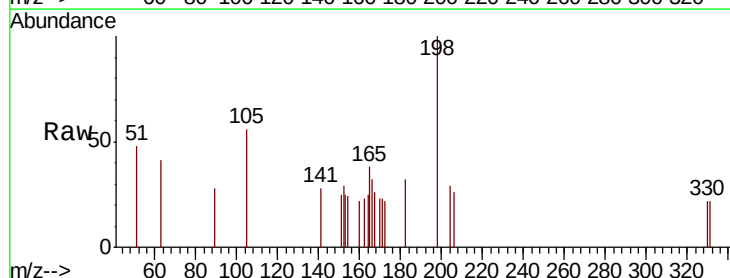
Tgt Ion:198 Resp: 436

Ion Ratio Lower Upper

198 100

51 47.8 53.1 79.7#

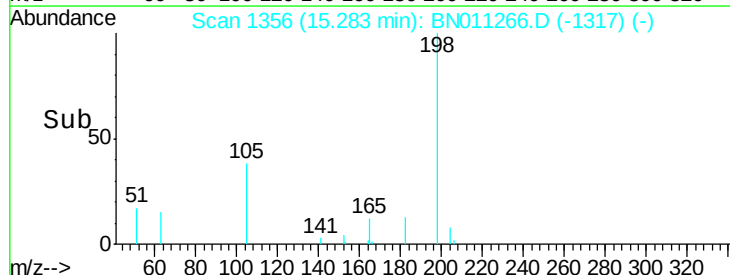
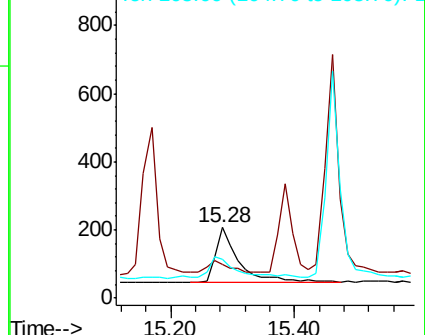
105 56.0 51.9 77.9

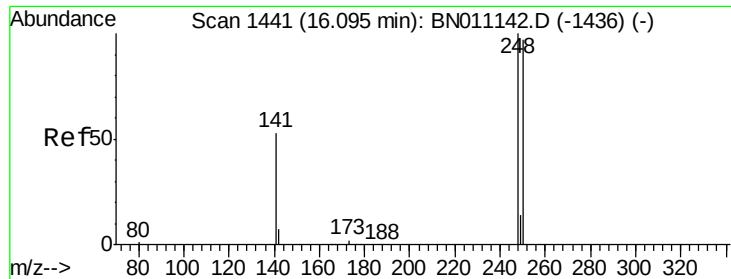


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E

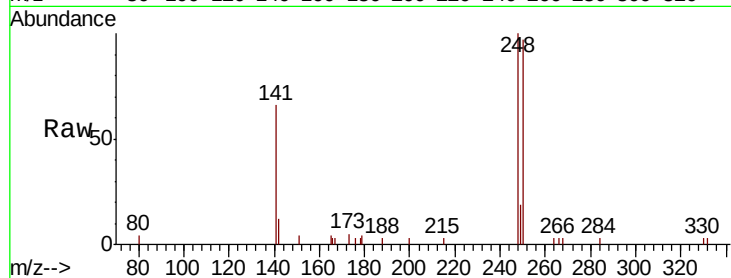




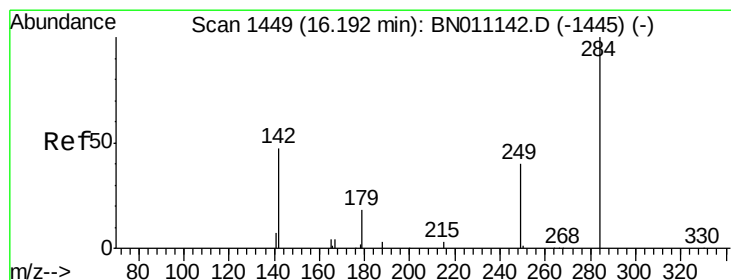
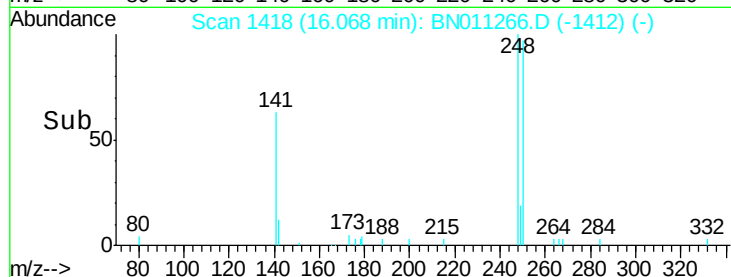
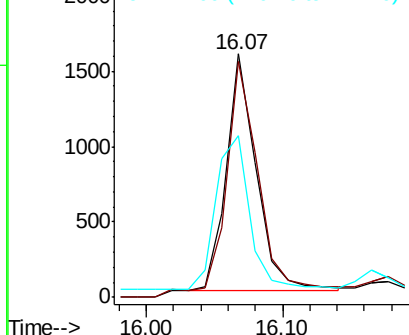
#21  
4-Bromophenyl-phenylether  
Concen: 0.364 ng  
RT: 16.07 min Scan# 1418  
Delta R.T. 0.00 min  
Lab File: BN011266.D  
Acq: 27 Jul 2020 08:46

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tot Ion:248 Resp: 2404  
Ion Ratio Lower Upper  
248 100  
250 96.7 78.4 117.6  
141 66.4 45.1 67.7

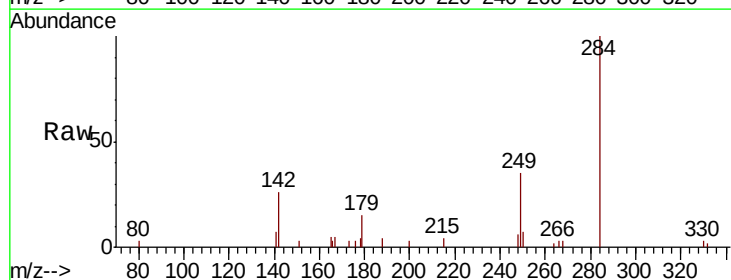


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

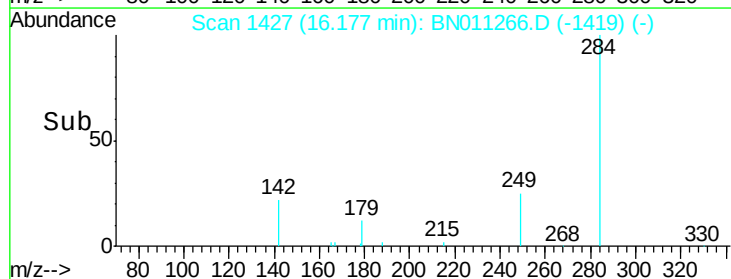
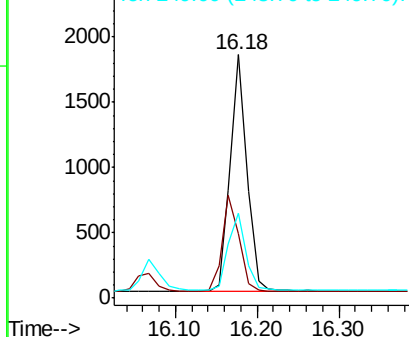


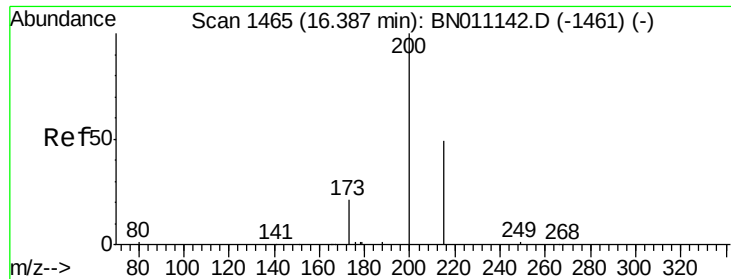
#22  
Hexachlorobenzene  
Concen: 0.336 ng  
RT: 16.18 min Scan# 1427  
Delta R.T. 0.00 min  
Lab File: BN011266.D  
Acq: 27 Jul 2020 08:46

Tgt Ion:284 Resp: 2580  
Ion Ratio Lower Upper  
284 100  
142 42.1 32.6 48.8  
249 33.3 28.4 42.6



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

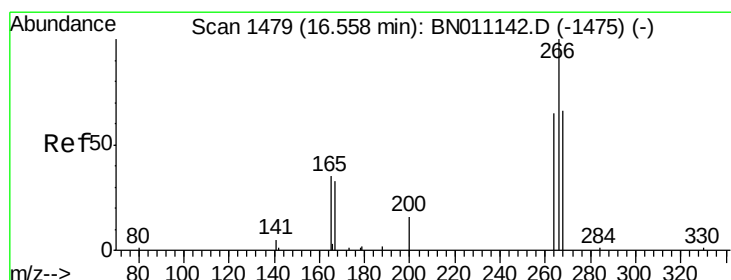
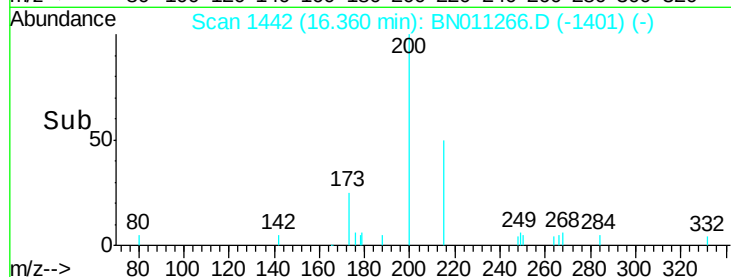
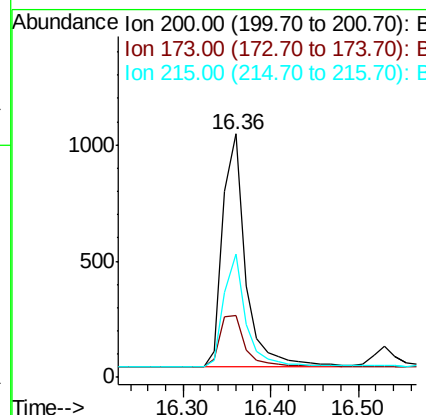
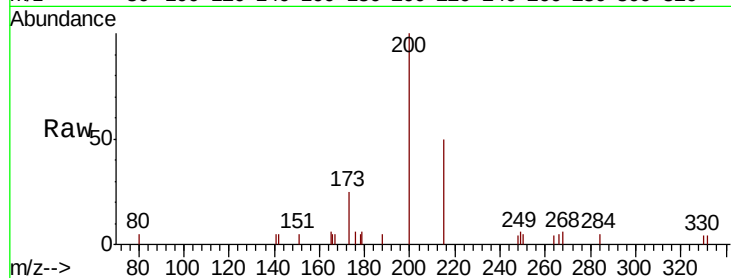




#23  
Atrazine  
Concen: 0.393 ng  
RT: 16.36 min Scan# 1442  
Delta R.T. 0.00 min  
Lab File: BN011266.D  
Acq: 27 Jul 2020 08:46

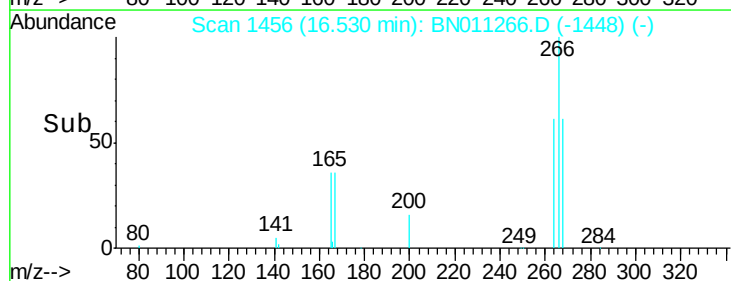
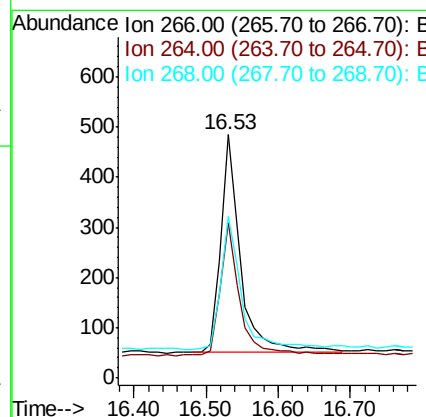
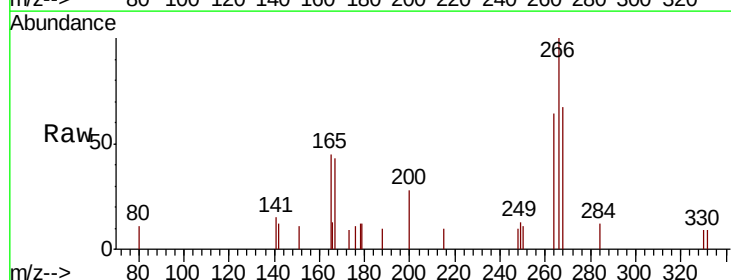
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

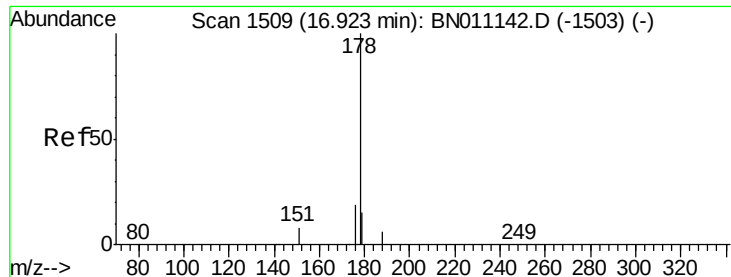
Tot Ion:200 Resp: 1818  
Ion Ratio Lower Upper  
200 100  
173 25.2 23.0 34.4  
215 50.4 42.6 63.8



#24  
Pentachlorophenol  
Concen: 0.362 ng  
RT: 16.53 min Scan# 1456  
Delta R.T. 0.00 min  
Lab File: BN011266.D  
Acq: 27 Jul 2020 08:46

Tgt Ion:266 Resp: 826  
Ion Ratio Lower Upper  
266 100  
264 61.5 52.5 78.7  
268 65.4 48.9 73.3





#25

Phenanthrene

Concen: 0.380 ng

RT: 16.91 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

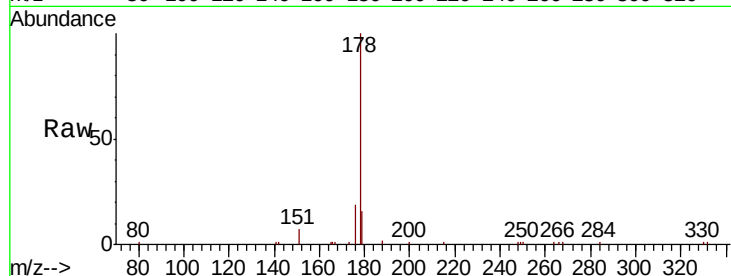
Tot Ion:178 Resp: 11850

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

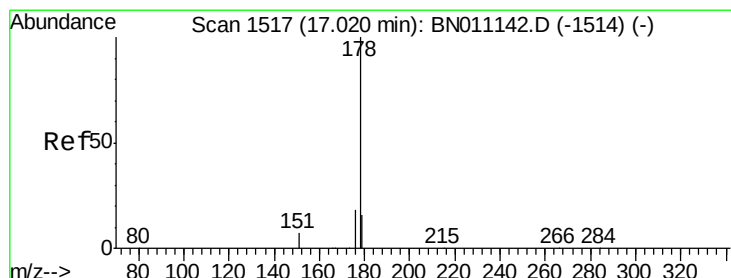
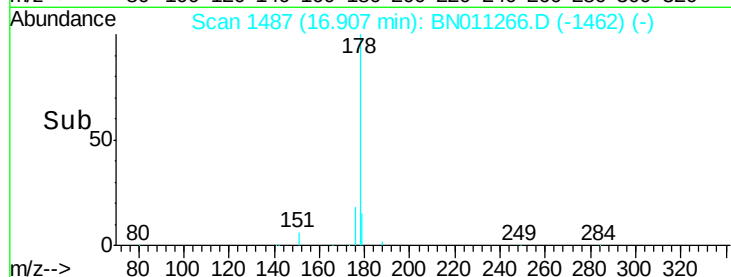
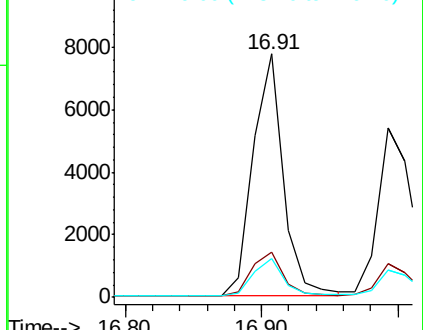
179 15.2 12.6 18.8



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: 0.373 ng

RT: 16.99 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

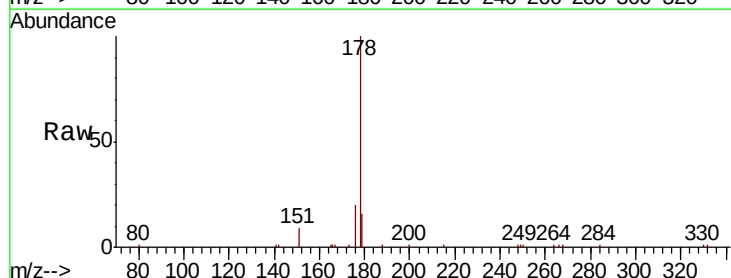
Tgt Ion:178 Resp: 9669

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

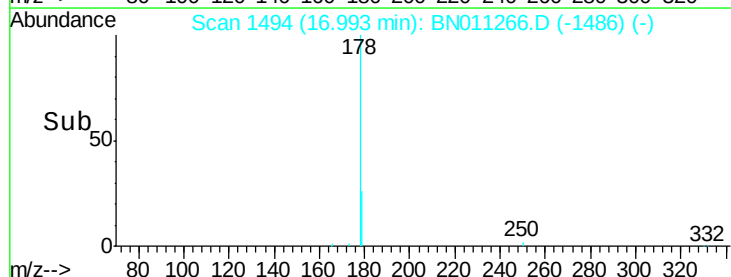
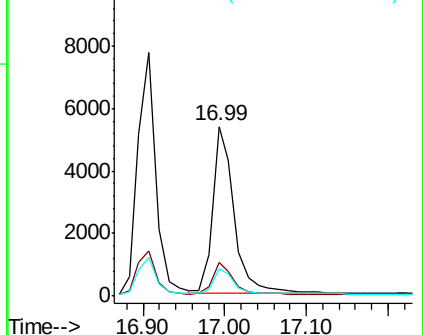
179 14.9 12.0 18.0

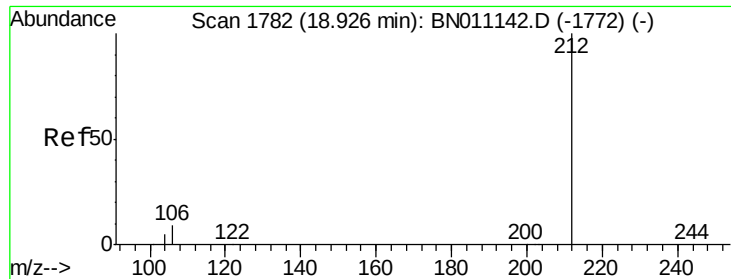


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

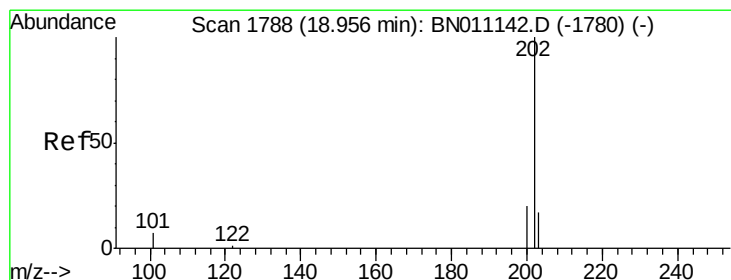
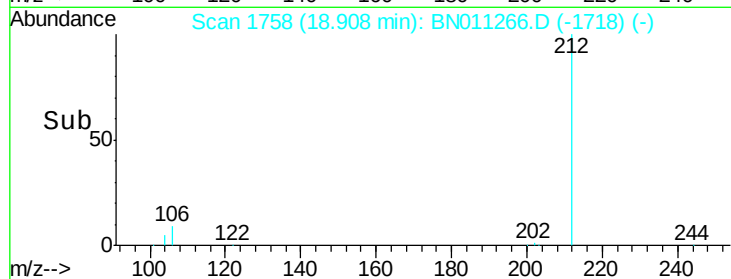
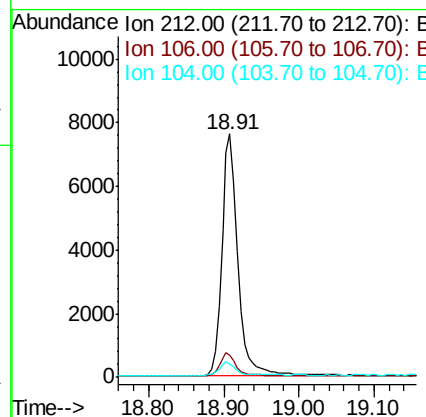
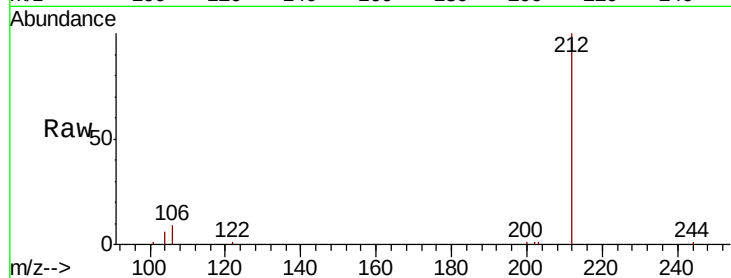




#27  
 Fluoranthene-d10  
 Concen: 0.373 ng  
 RT: 18.91 min Scan# 1758  
 Delta R.T. 0.00 min  
 Lab File: BN011266.D  
 Acq: 27 Jul 2020 08:46

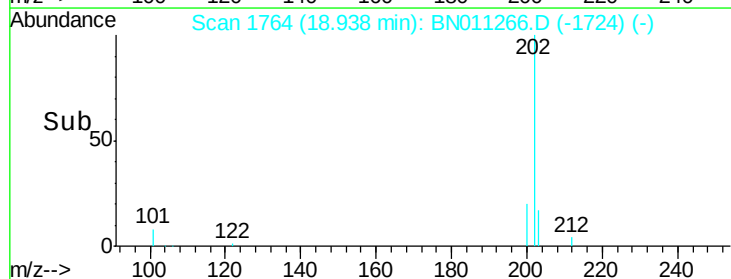
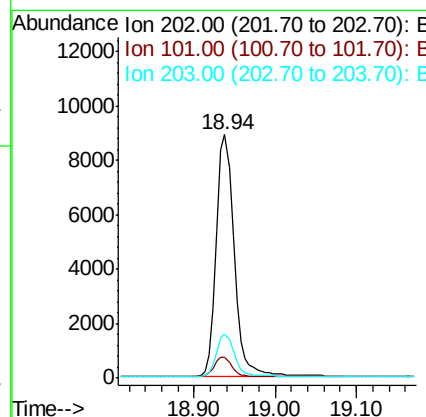
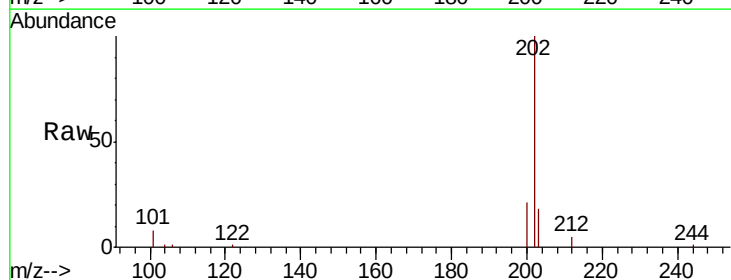
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Tot Ion:212 Resp: 11418  
 Ion Ratio Lower Upper  
 212 100  
 106 9.3 7.0 10.6  
 104 5.4 4.2 6.4

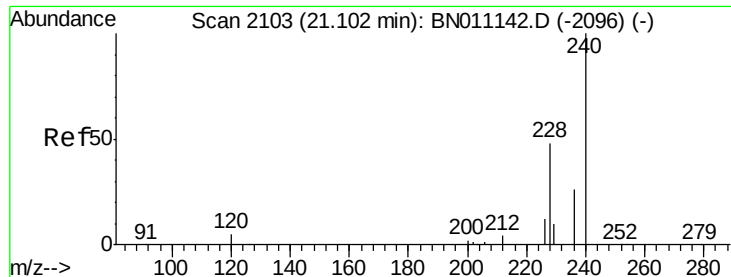


#28  
 Fluoranthene  
 Concen: 0.366 ng  
 RT: 18.94 min Scan# 1764  
 Delta R.T. 0.00 min  
 Lab File: BN011266.D  
 Acq: 27 Jul 2020 08:46

Tgt Ion:202 Resp: 13699  
 Ion Ratio Lower Upper  
 202 100  
 101 8.2 5.9 8.9  
 203 17.2 13.6 20.4



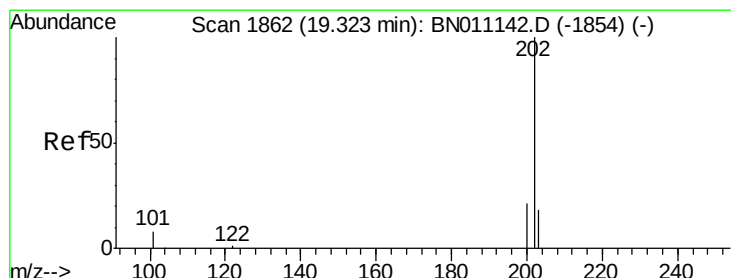
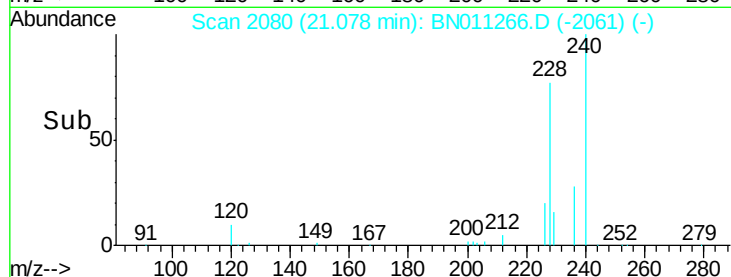
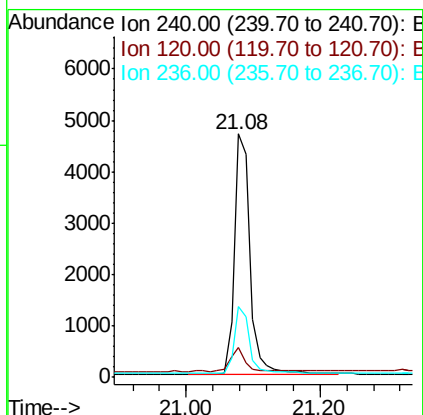
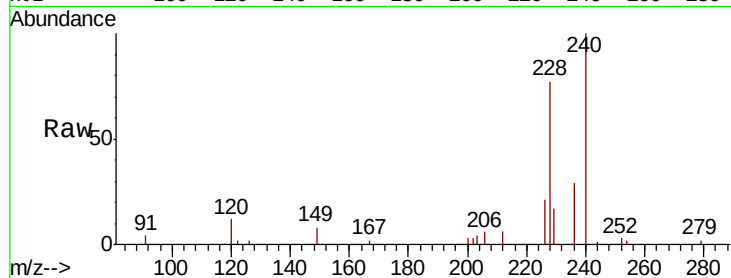




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.08 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: BN011266.D  
Acq: 27 Jul 2020 08:46

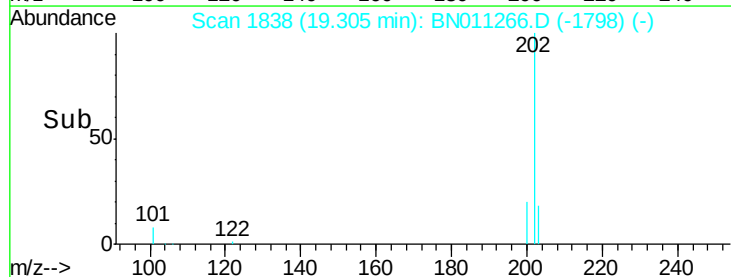
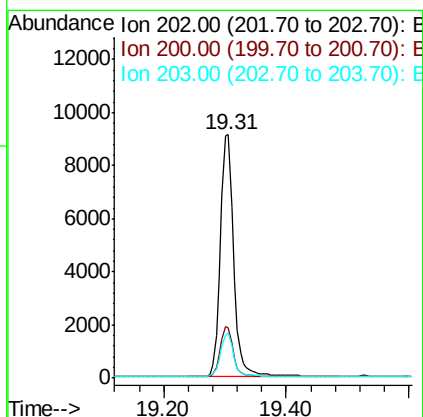
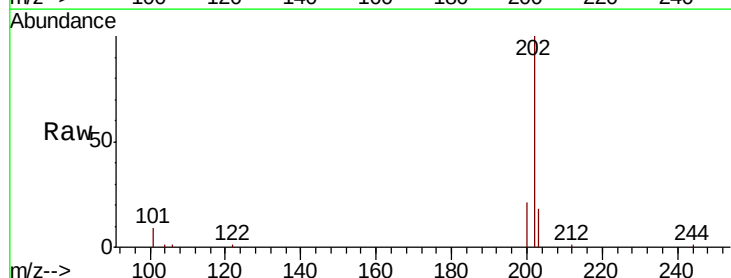
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

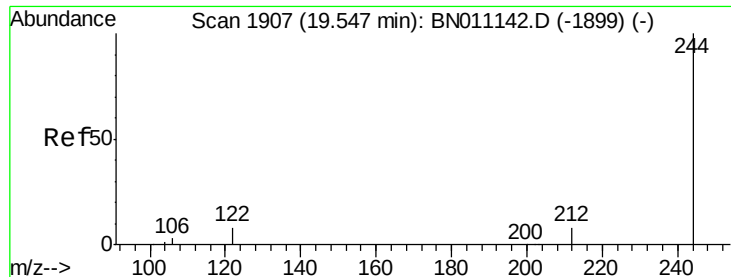
Tot Ion:240 Resp: 7722  
Ion Ratio Lower Upper  
240 100  
120 12.2 6.5 9.7#  
236 29.3 21.9 32.9



#30  
Pyrene  
Concen: 0.464 ng  
RT: 19.31 min Scan# 1838  
Delta R.T. 0.00 min  
Lab File: BN011266.D  
Acq: 27 Jul 2020 08:46

Tgt Ion:202 Resp: 13679  
Ion Ratio Lower Upper  
202 100  
200 20.5 16.5 24.7  
203 17.4 14.2 21.4





#31

Terphenyl-d14

Concen: 0.439 ng

RT: 19.53 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

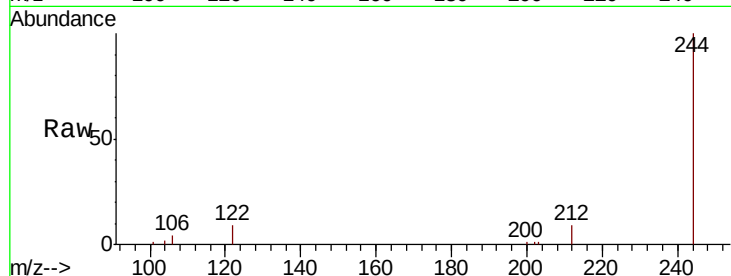
Tot Ion:244 Resp: 8823

Ion Ratio Lower Upper

244 100

212 8.9 7.8 11.6

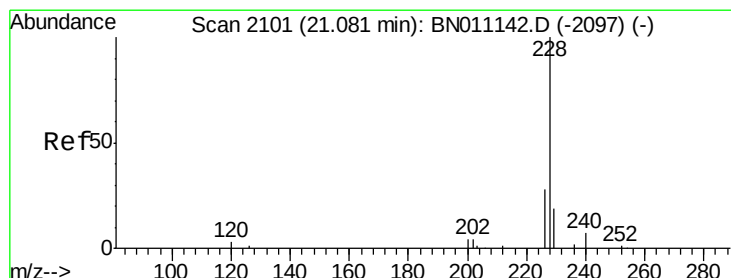
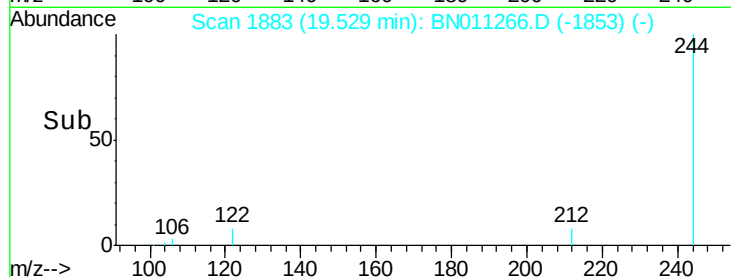
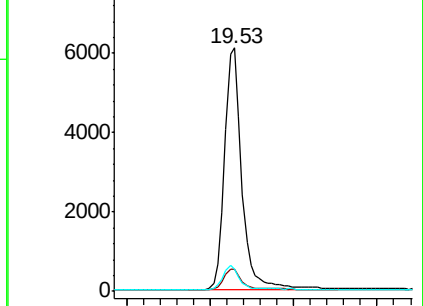
122 9.0 7.4 11.0



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: 0.427 ng

RT: 21.07 min Scan# 2079

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

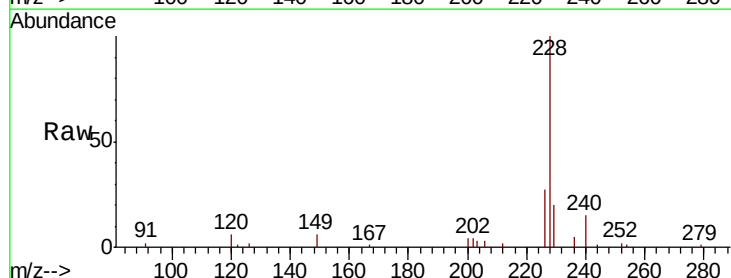
Tgt Ion:228 Resp: 10688

Ion Ratio Lower Upper

228 100

226 27.2 23.2 34.8

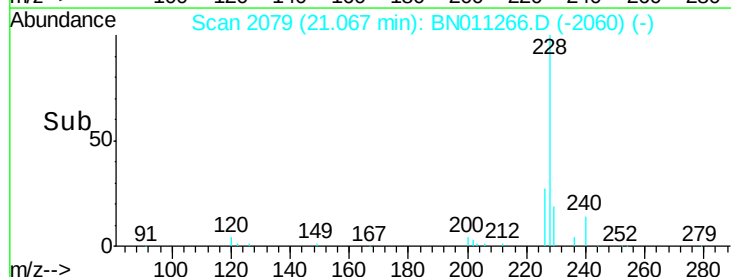
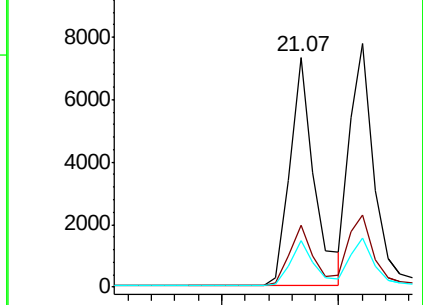
229 20.0 16.2 24.4

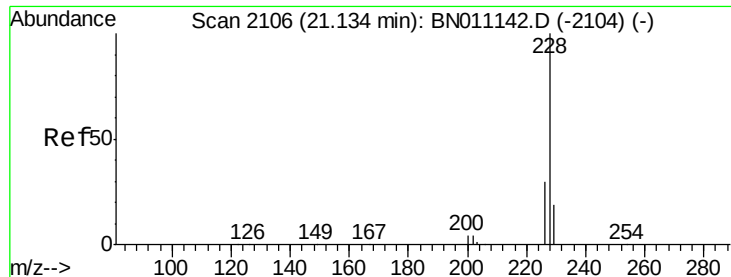


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.363 ng

RT: 21.12 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

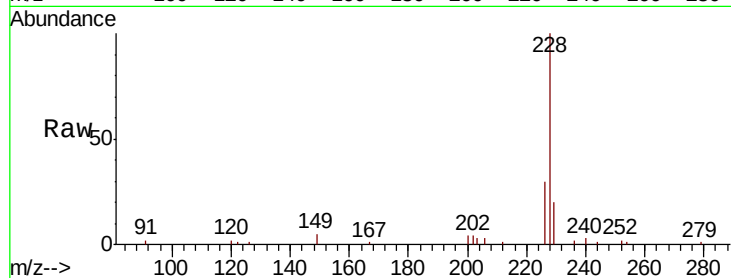
Tot Ion:228 Resp: 11100

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

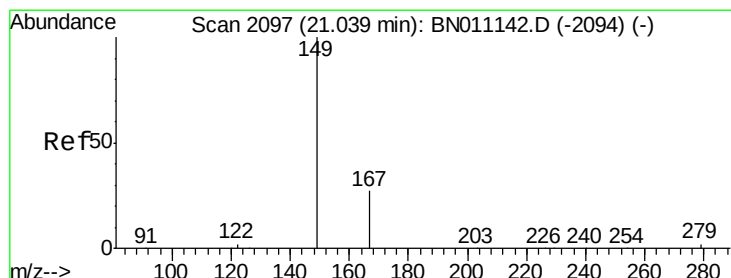
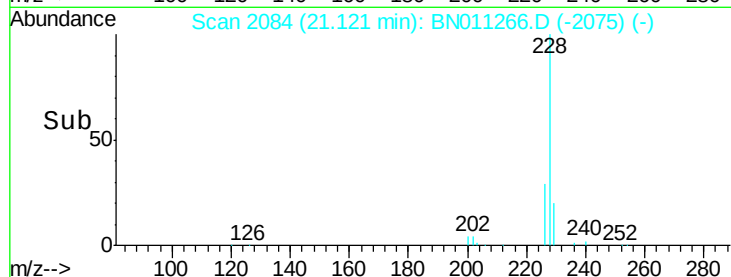
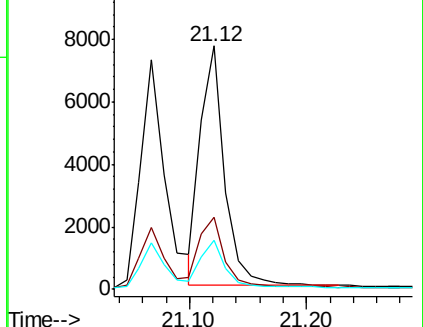
229 20.2 16.2 24.4



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.551 ng

RT: 21.02 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

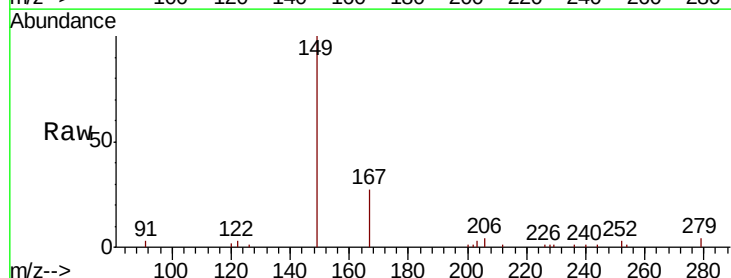
Tgt Ion:149 Resp: 5676

Ion Ratio Lower Upper

149 100

167 27.7 23.4 35.0

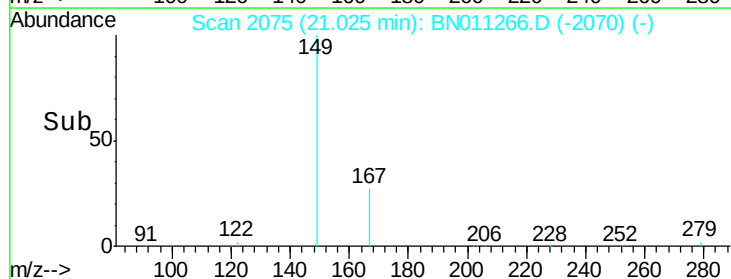
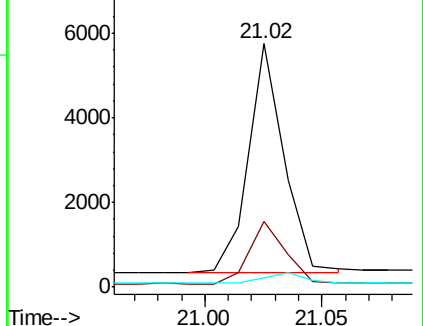
279 4.7 4.5 6.7

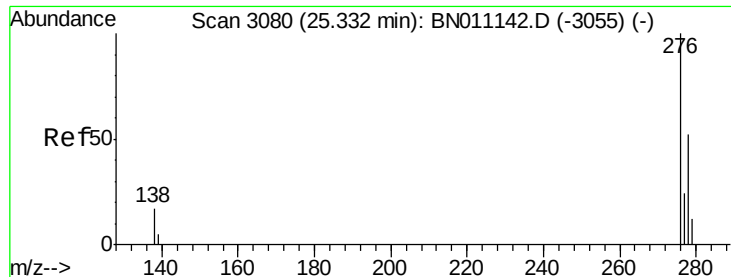


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

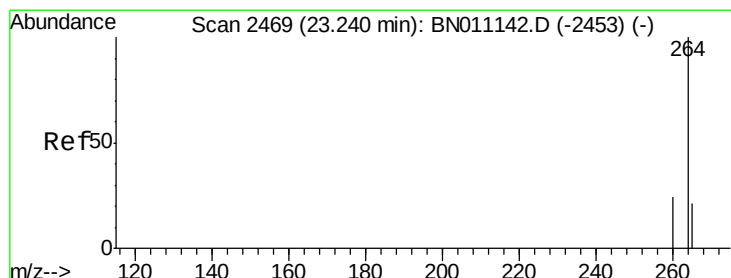
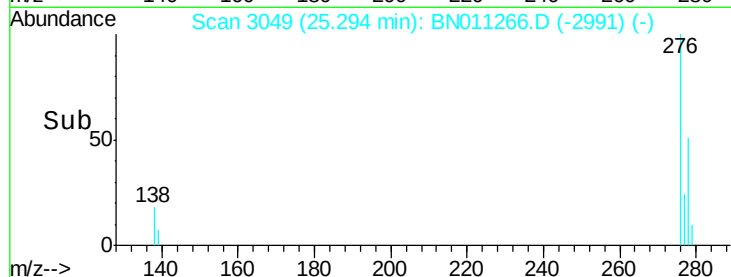
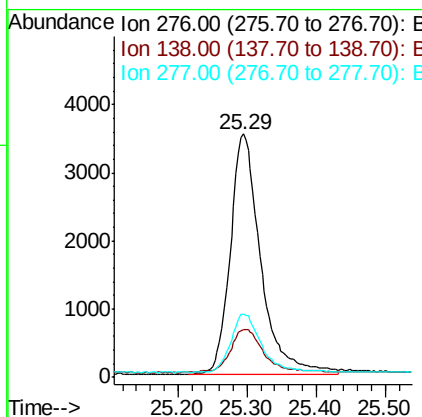
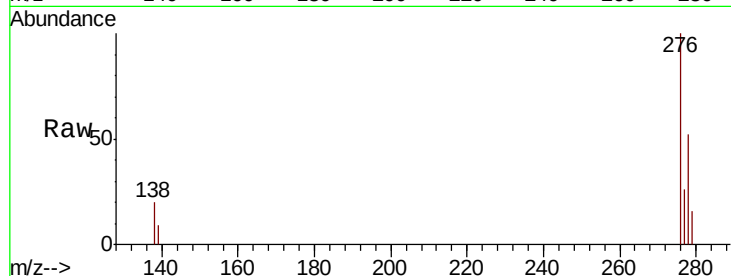




#35  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.327 ng  
 RT: 25.29 min Scan# 3049  
 Delta R.T. 0.00 min  
 Lab File: BN011266.D  
 Acq: 27 Jul 2020 08:46

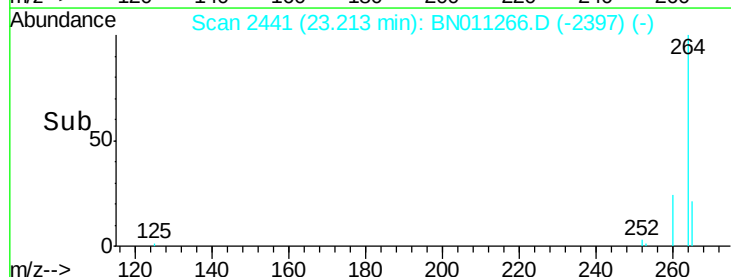
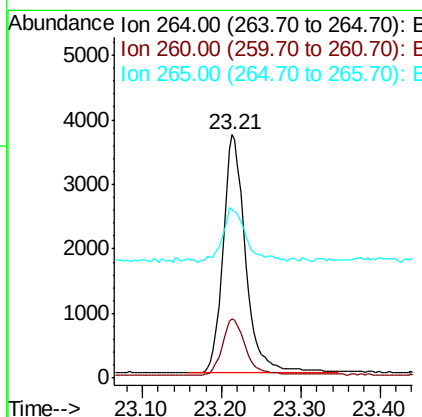
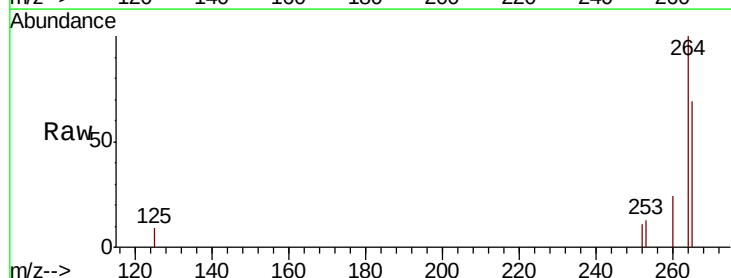
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

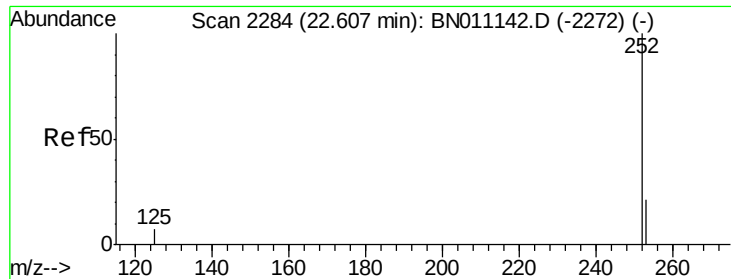
Tot Ion:276 Resp: 10712  
 Ion Ratio Lower Upper  
 276 100  
 138 19.8 13.0 19.6#  
 277 25.0 19.7 29.5



#36  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.21 min Scan# 2441  
 Delta R.T. 0.00 min  
 Lab File: BN011266.D  
 Acq: 27 Jul 2020 08:46

Tgt Ion:264 Resp: 7314  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 20.1 30.1  
 265 69.1 76.6 115.0#





#37

Benzo(b)fluoranthene

Concen: 0.357 ng

RT: 22.59 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

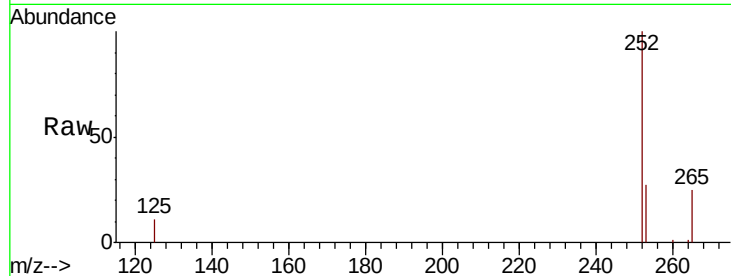
Tot Ion:252 Resp: 10485

Ion Ratio Lower Upper

252 100

253 27.1 22.6 34.0

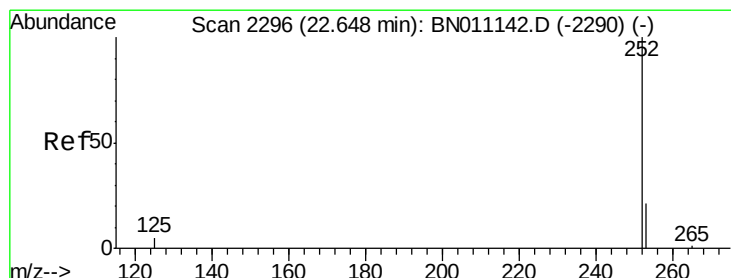
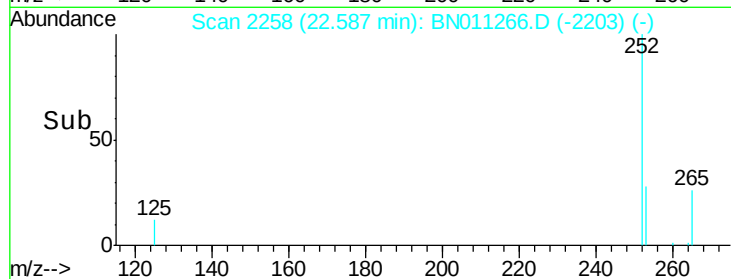
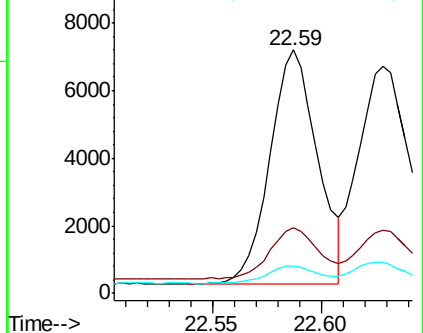
125 11.4 9.6 14.4



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: 0.339 ng

RT: 22.63 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

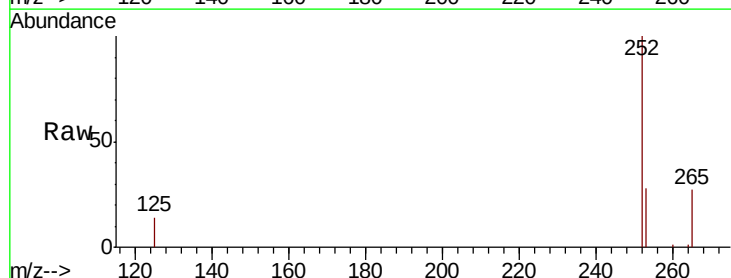
Tgt Ion:252 Resp: 11263

Ion Ratio Lower Upper

252 100

253 27.6 22.2 33.4

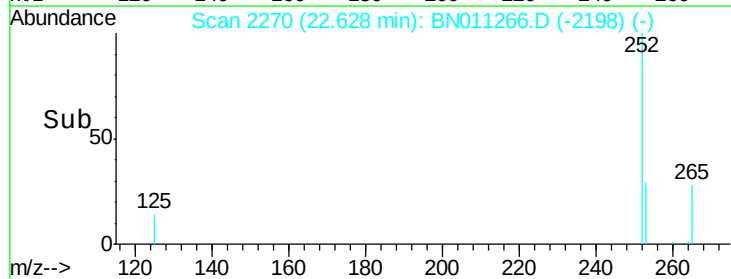
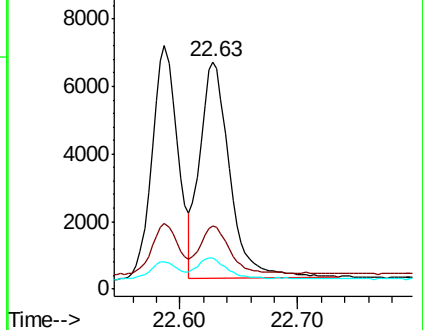
125 13.6 11.0 16.4

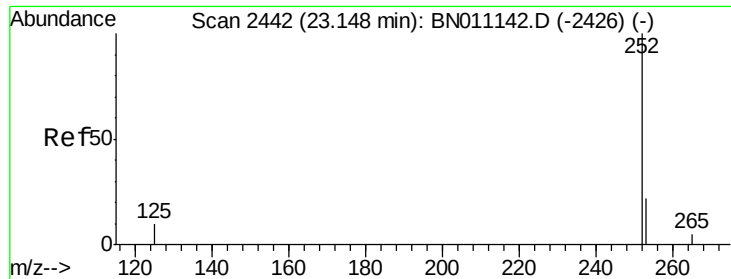


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.337 ng

RT: 23.12 min Scan# 2414

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

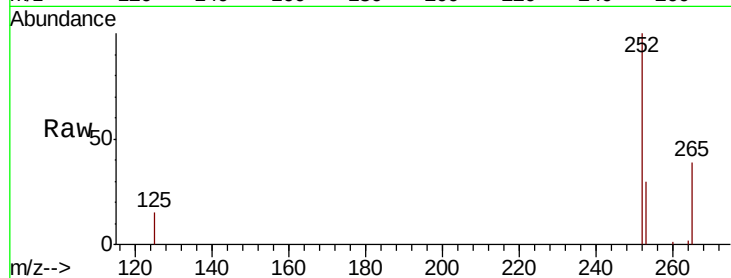
Tot Ion:252 Resp: 8909

Ion Ratio Lower Upper

252 100

253 29.7 25.8 38.6

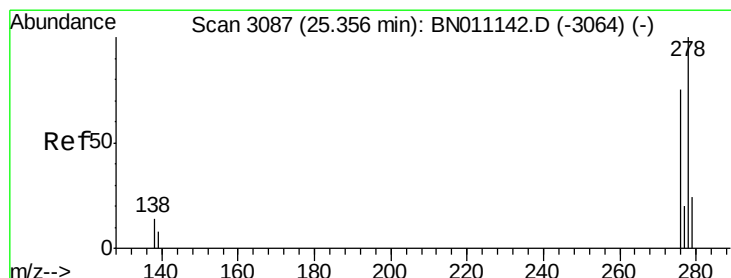
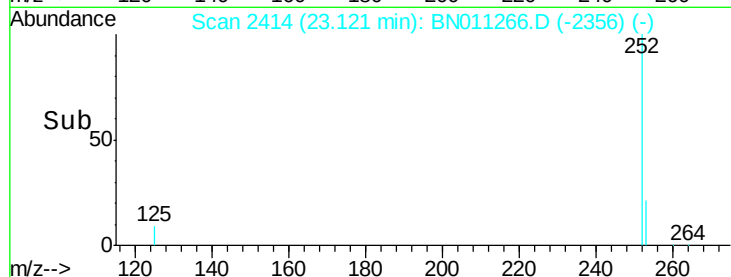
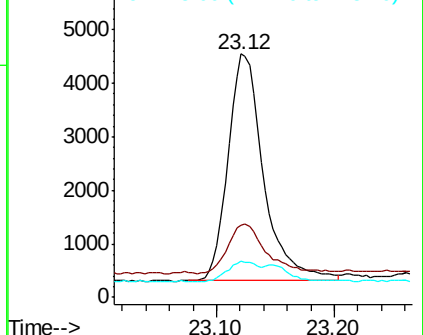
125 14.7 13.4 20.0



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: 0.297 ng

RT: 25.31 min Scan# 3054

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

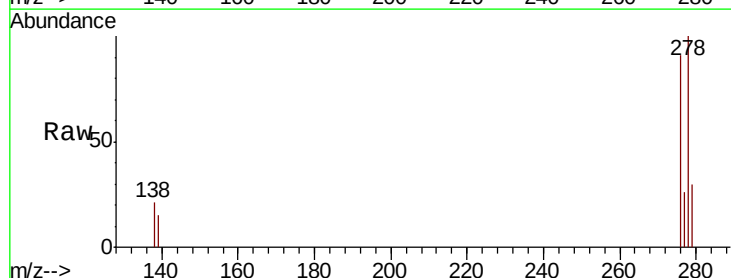
Tgt Ion:278 Resp: 8335

Ion Ratio Lower Upper

278 100

139 15.4 11.7 17.5

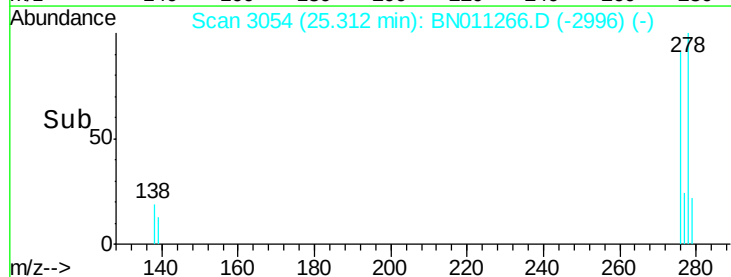
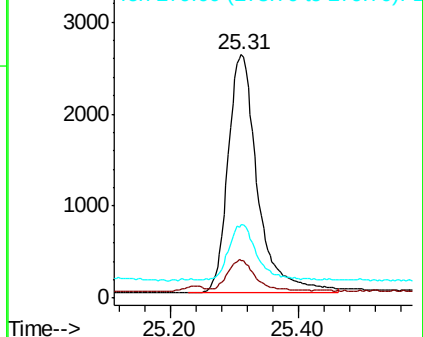
279 30.1 25.0 37.6

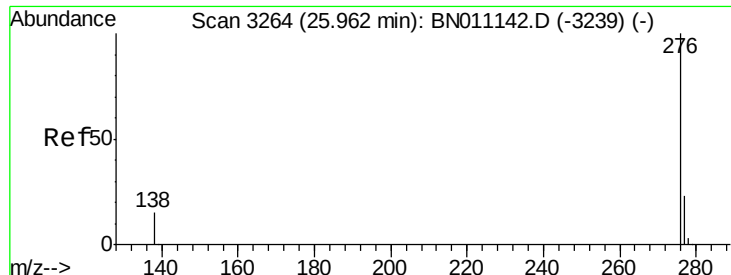


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.305 ng

RT: 25.92 min Scan# 3233

Delta R.T. 0.00 min

Lab File: BN011266.D

Acq: 27 Jul 2020 08:46

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

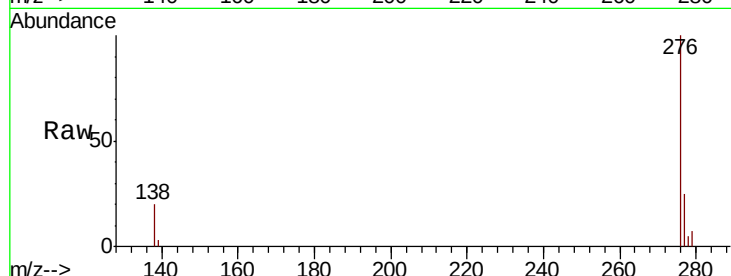
Tot Ion:276 Resp: 9387

Ion Ratio Lower Upper

276 100

277 25.2 20.5 30.7

138 19.6 13.8 20.6



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

