

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\  
 Data File : BN010283.D  
 Acq On : 19 Mar 2020 10:28  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Mar 19 15:17:42 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 19 15:04:26 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 4354     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.38 | 136  | 15278    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.24 | 164  | 9273     | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10      | 16.99 | 188  | 21514    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.18 | 240  | 22730    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.36 | 264  | 25443    | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.25  | 112 | 3721  | 0.36 | ng | 0.00 |
| 5) Phenol-d6                | 6.80  | 99  | 4500  | 0.35 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.74  | 82  | 3898  | 0.43 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.97 | 152 | 9579  | 0.38 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.73 | 330 | 1441  | 0.43 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 12.86 | 172 | 14097 | 0.43 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.02 | 212 | 25298 | 0.38 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.63 | 244 | 19959 | 0.39 | ng | 0.00 |

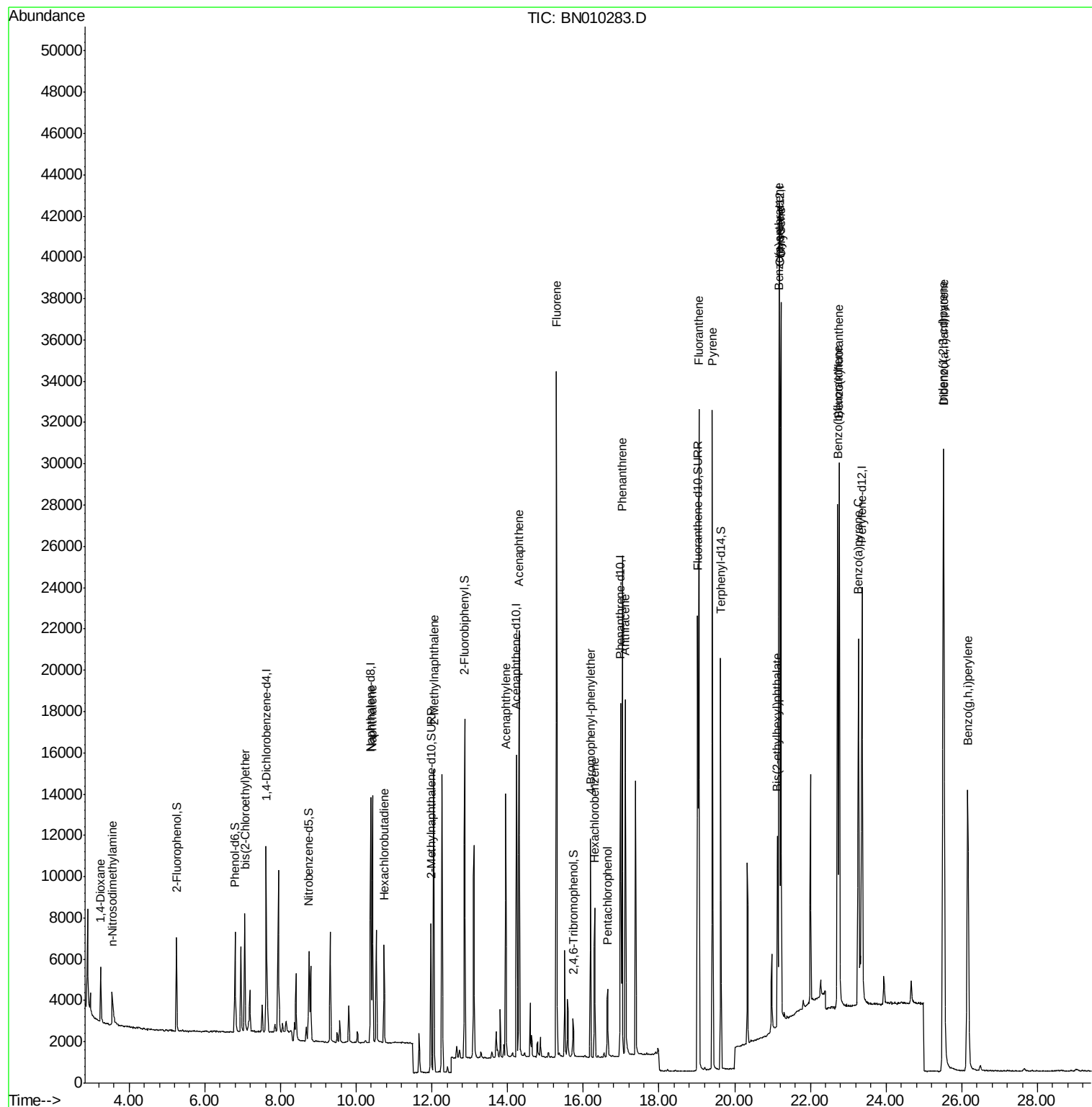
|                                |       |     |       |        |    |       |
|--------------------------------|-------|-----|-------|--------|----|-------|
| Target Compounds               |       |     |       | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.25  | 88  | 1664  | 0.392  | ng | 98    |
| 3) n-Nitrosodimethylamine      | 3.55  | 42  | 1393  | 0.370  | ng | 97    |
| 6) bis(2-Chloroethyl)ether     | 7.06  | 93  | 4412  | 0.414  | ng | 98    |
| 9) Naphthalene                 | 10.43 | 128 | 15227 | 0.398  | ng | 99    |
| 10) Hexachlorobutadiene        | 10.73 | 225 | 3652  | 0.414  | ng | # 100 |
| 12) 2-Methylnaphthalene        | 12.05 | 142 | 10521 | 0.383  | ng | 99    |
| 16) Acenaphthylene             | 13.96 | 152 | 13842 | 0.323  | ng | 99    |
| 17) Acenaphthene               | 14.30 | 154 | 10163 | 0.391  | ng | 99    |
| 18) Fluorene                   | 15.29 | 166 | 13449 | 0.380  | ng | 99    |
| 20) 4-Bromophenyl-phenylether  | 16.19 | 248 | 5189  | 0.420  | ng | 99    |
| 21) Hexachlorobenzene          | 16.30 | 284 | 5412  | 0.449  | ng | 97    |
| 22) Pentachlorophenol          | 16.65 | 266 | 1796  | 0.482  | ng | 98    |
| 23) Phenanthrene               | 17.03 | 178 | 23695 | 0.415  | ng | 100   |
| 24) Anthracene                 | 17.11 | 178 | 19356 | 0.340  | ng | 100   |
| 26) Fluoranthene               | 19.05 | 202 | 28513 | 0.394  | ng | 100   |
| 28) Pyrene                     | 19.42 | 202 | 28627 | 0.377  | ng | 100   |
| 30) Benzo(a)anthracene         | 21.17 | 228 | 27781 | 0.360  | ng | 100   |
| 31) Chrysene                   | 21.23 | 228 | 31119 | 0.409  | ng | 99    |
| 32) Bis(2-ethylhexyl)phthalate | 21.13 | 149 | 8937  | 0.272  | ng | 100   |
| 33) Indeno(1,2,3-cd)pyrene     | 25.51 | 276 | 36795 | 0.408  | ng | 100   |
| 35) Benzo(b)fluoranthene       | 22.72 | 252 | 30684 | 0.392  | ng | 99    |
| 36) Benzo(k)fluoranthene       | 22.76 | 252 | 32546 | 0.412  | ng | 100   |
| 37) Benzo(a)pyrene             | 23.27 | 252 | 26994 | 0.366  | ng | 99    |
| 38) Dibenzo(a,h)anthracene     | 25.53 | 278 | 30236 | 0.408  | ng | 99    |
| 39) Benzo(g,h,i)perylene       | 26.16 | 276 | 28855 | 0.390  | ng | 99    |

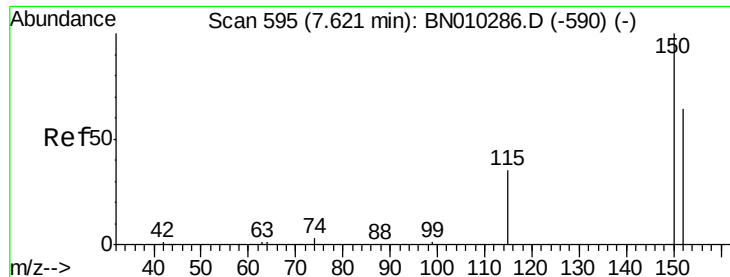
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 19 15:04:26 2020  
Response via : Initial Calibration



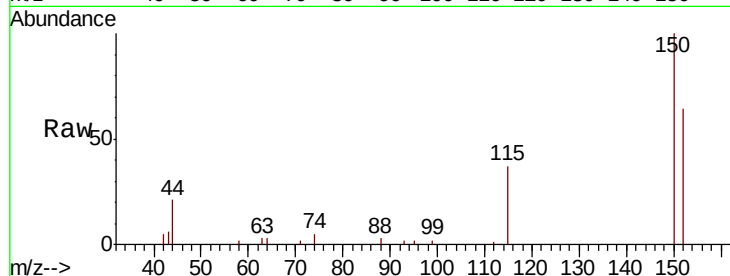


#1

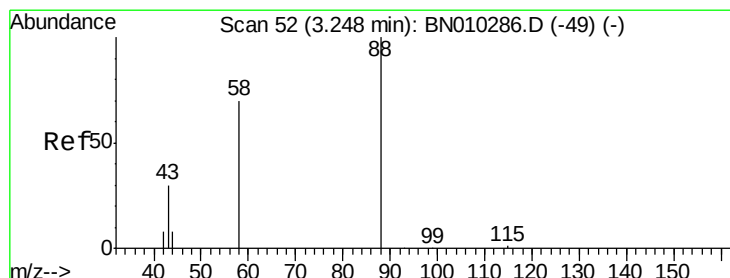
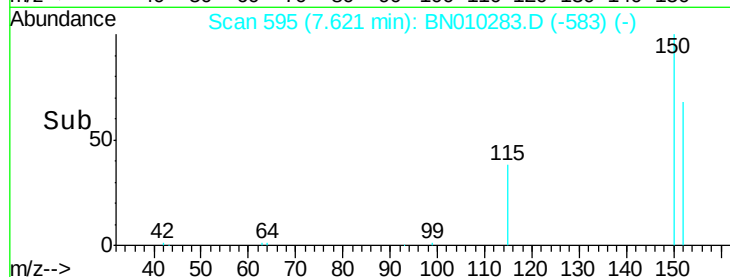
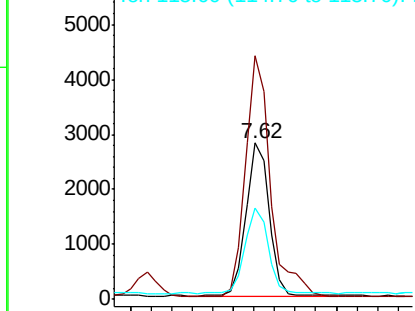
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.62 min Scan# 595  
Delta R.T. -0.00 min  
Lab File: BN010283.D  
Acq: 19 Mar 2020 10:28

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tot Ion:152 Resp: 4354  
Ion Ratio Lower Upper  
152 100  
150 155.8 123.1 184.7  
115 58.4 45.2 67.8



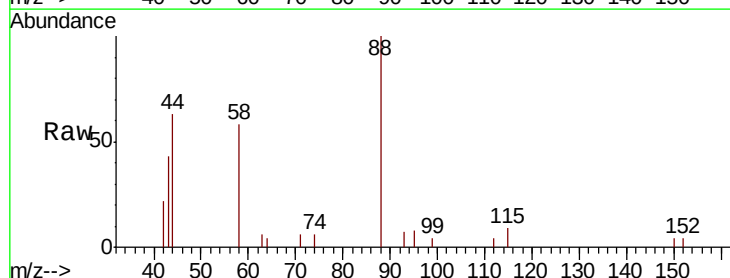
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



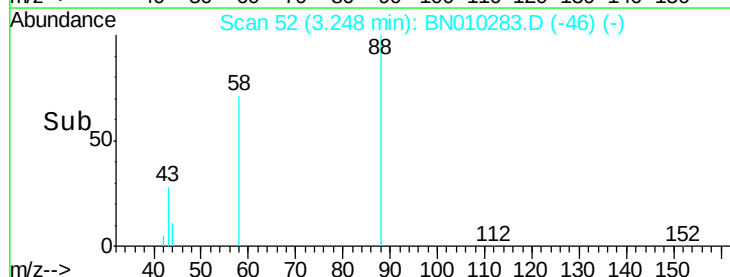
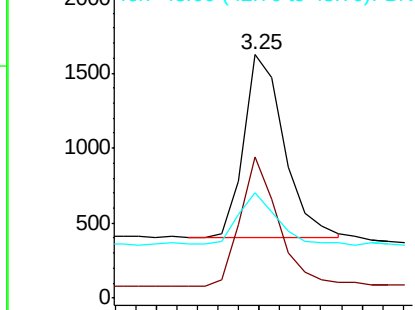
#2

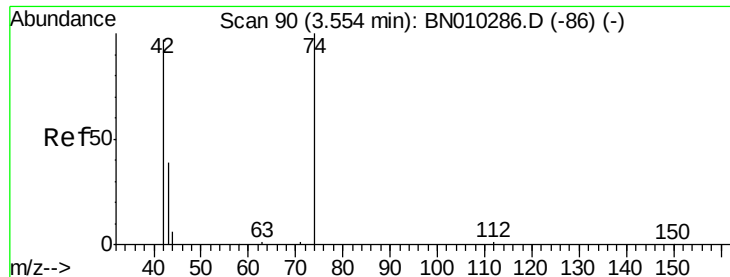
1,4-Dioxane  
Concen: 0.392 ng  
RT: 3.25 min Scan# 52  
Delta R.T. -0.00 min  
Lab File: BN010283.D  
Acq: 19 Mar 2020 10:28

Tgt Ion: 88 Resp: 1664  
Ion Ratio Lower Upper  
88 100  
58 66.9 51.7 77.5  
43 26.0 21.2 31.8



Abundance Ion 88.00 (87.70 to 88.70): BN0  
Ion 58.00 (57.70 to 58.70): BN0  
Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.370 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

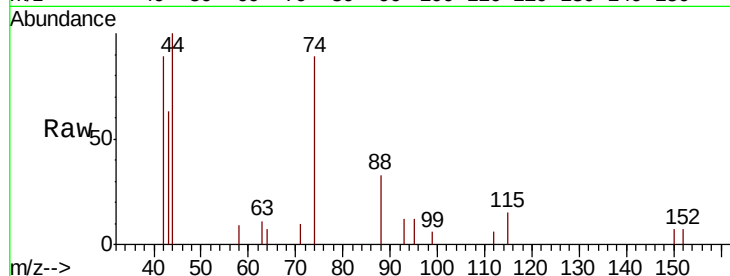
Tot Ion: 42 Resp: 1393

Ion Ratio Lower Upper

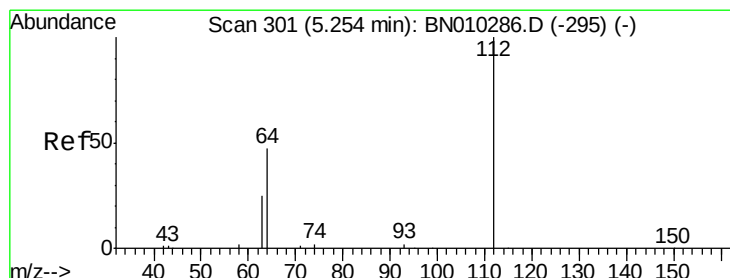
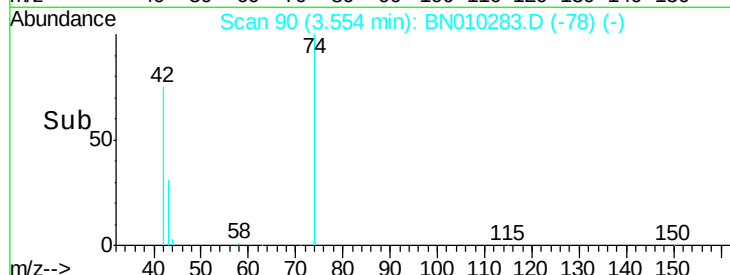
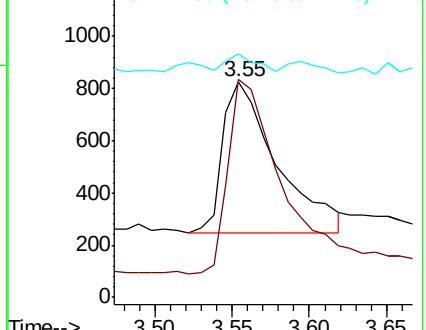
42 100

74 128.1 99.4 149.0

44 6.1 4.8 7.2



Abundance Ion 42.00 (41.70 to 42.70): BN0  
Ion 74.00 (73.70 to 74.70): BN0  
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.364 ng

RT: 5.25 min Scan# 301

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

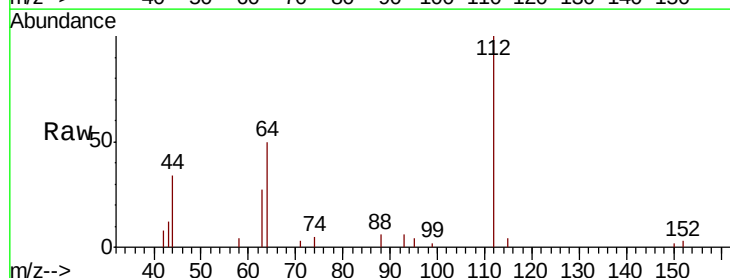
Tgt Ion: 112 Resp: 3721

Ion Ratio Lower Upper

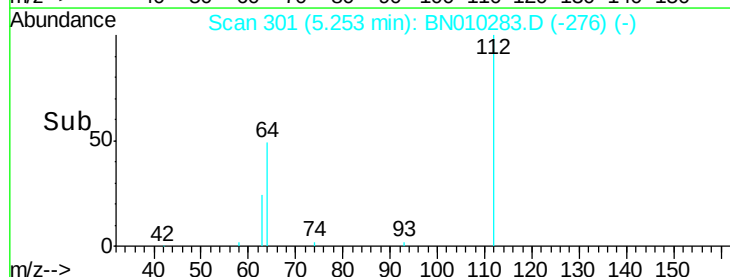
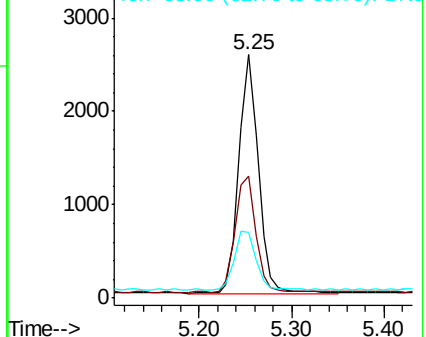
112 100

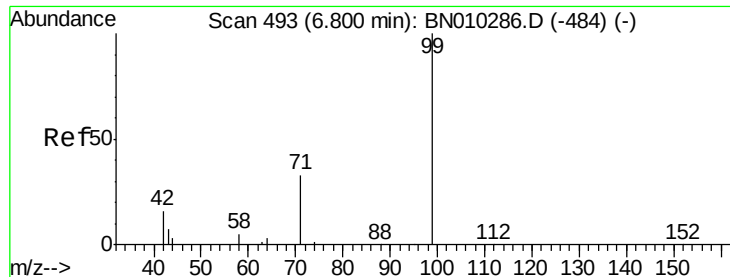
64 51.5 41.4 62.2

63 27.1 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BN0  
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.352 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

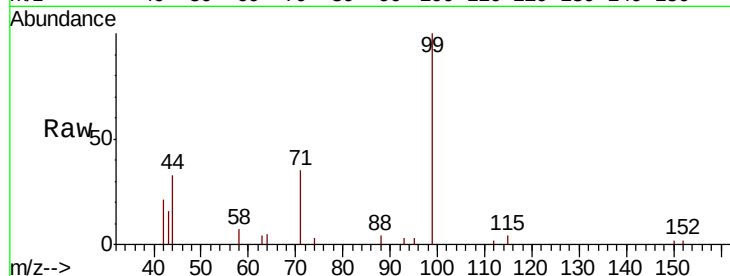
Tot Ion: 99 Resp: 4500

Ion Ratio Lower Upper

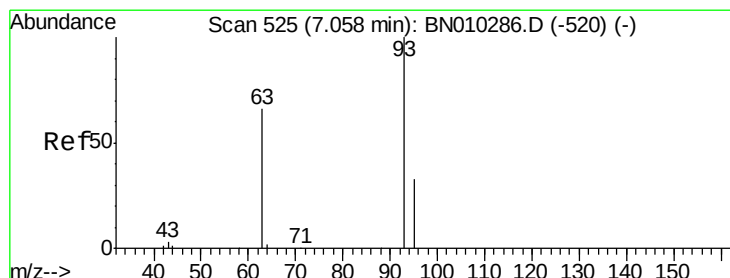
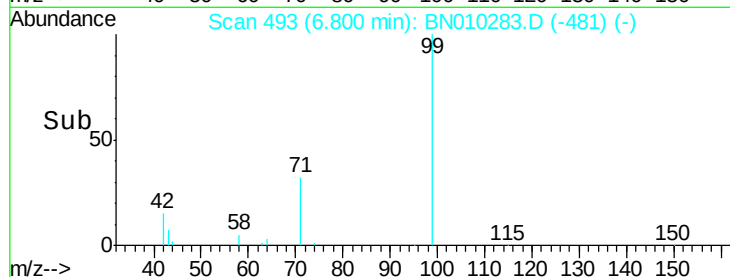
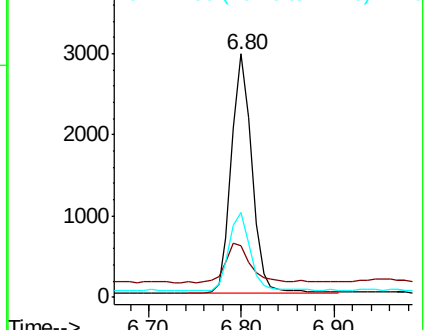
99 100

42 20.0 14.8 22.2

71 33.8 27.3 40.9



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: 0.414 ng

RT: 7.06 min Scan# 525

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

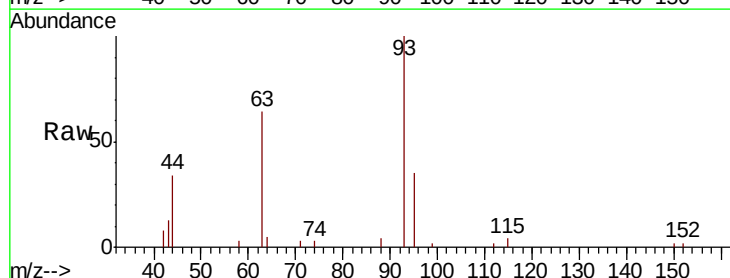
Tgt Ion: 93 Resp: 4412

Ion Ratio Lower Upper

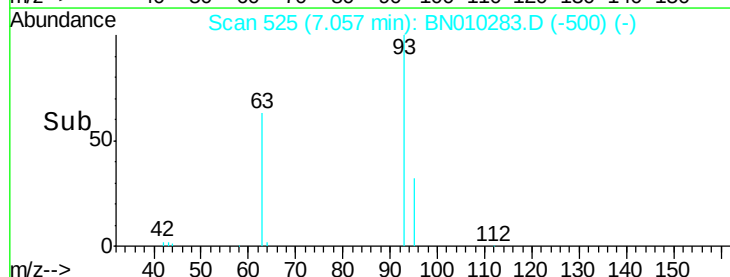
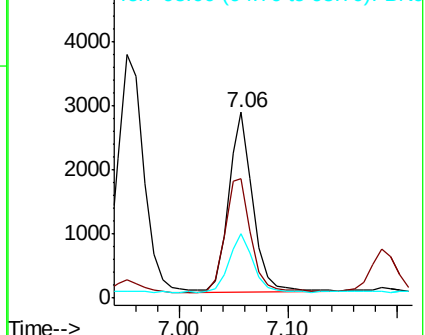
93 100

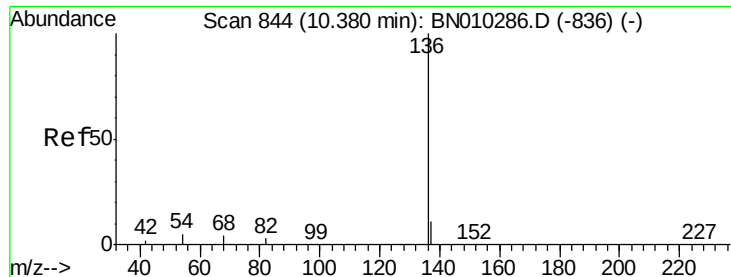
63 67.1 55.6 83.4

95 32.9 26.2 39.4



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: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 15278

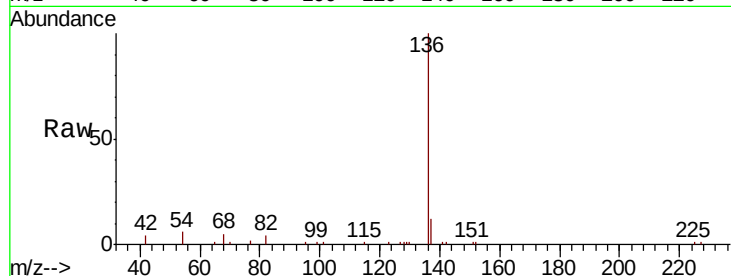
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 6.1 4.8 7.2

68 5.4 4.1 6.1

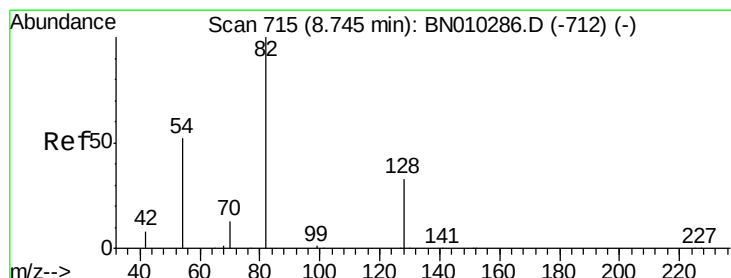
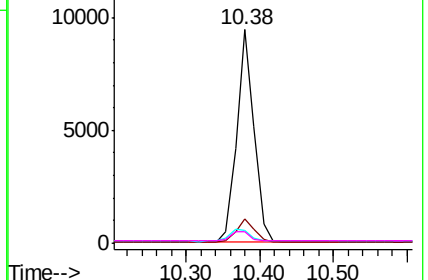
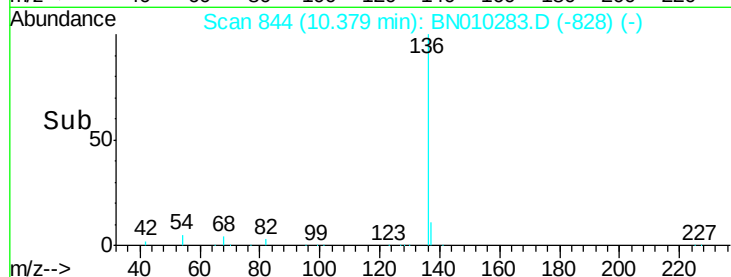


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.425 ng

RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

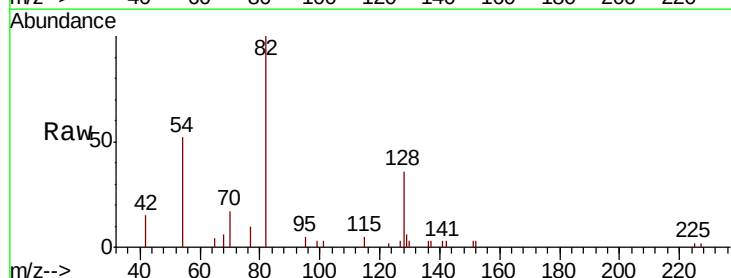
Tgt Ion: 82 Resp: 3898

Ion Ratio Lower Upper

82 100

128 36.1 28.8 43.2

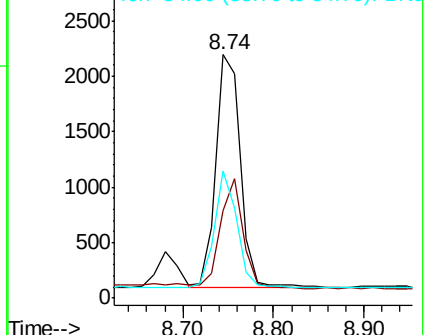
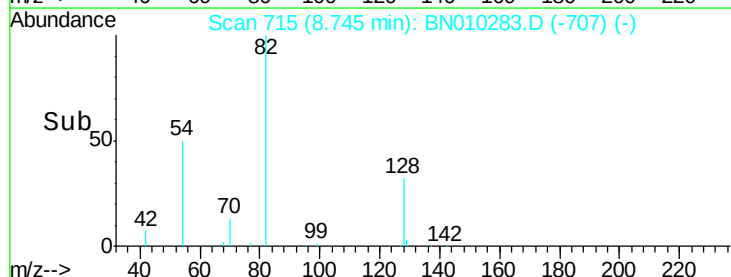
54 52.1 42.1 63.1

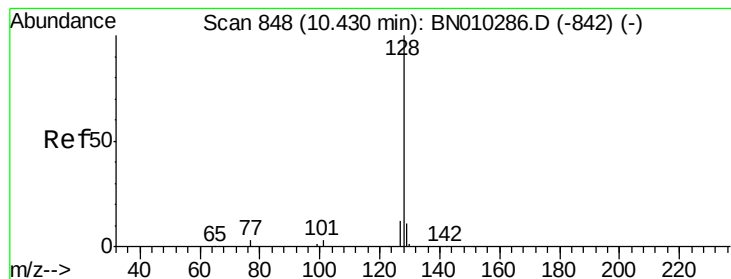


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.398 ng

RT: 10.43 min Scan# 848

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

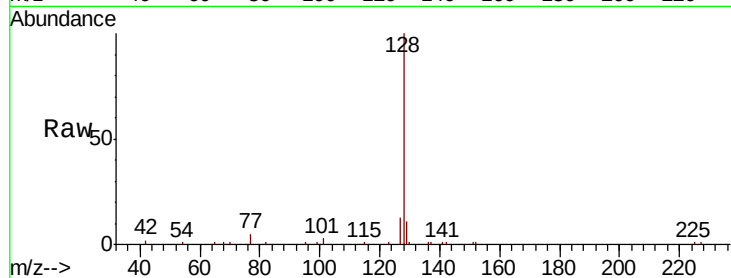
Tot Ion:128 Resp: 15227

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

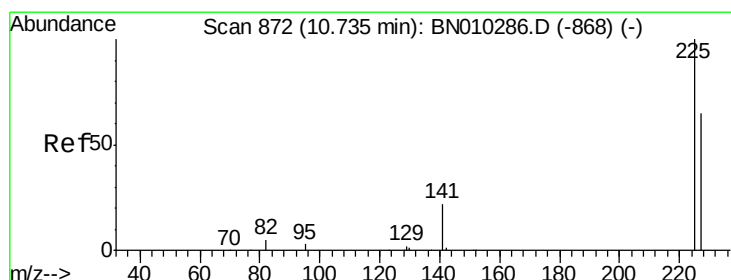
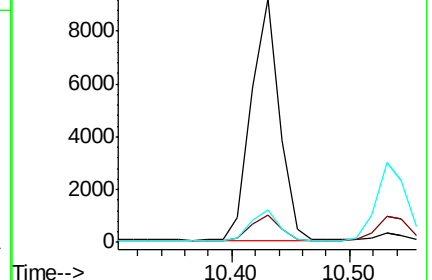
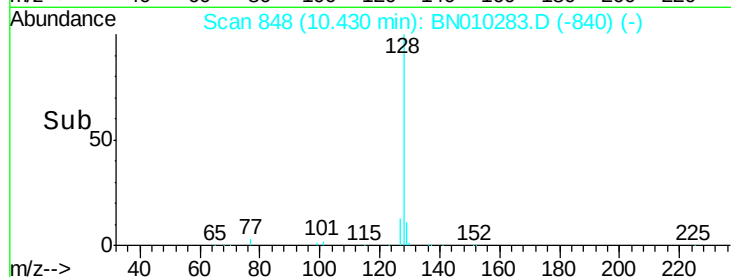
127 13.4 10.4 15.6



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: 0.414 ng

RT: 10.73 min Scan# 872

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

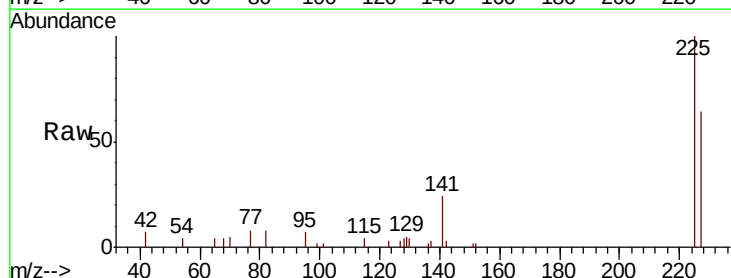
Tgt Ion:225 Resp: 3652

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

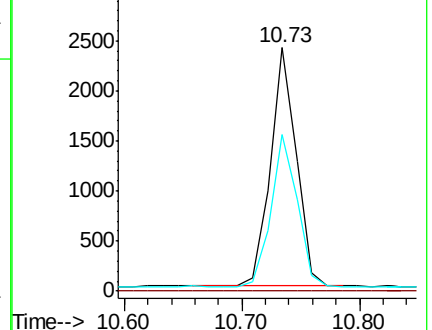
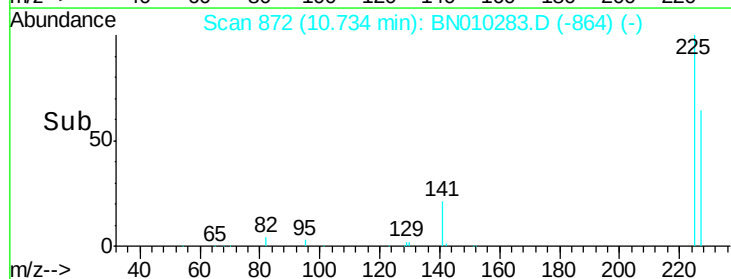
227 64.5 51.9 77.9

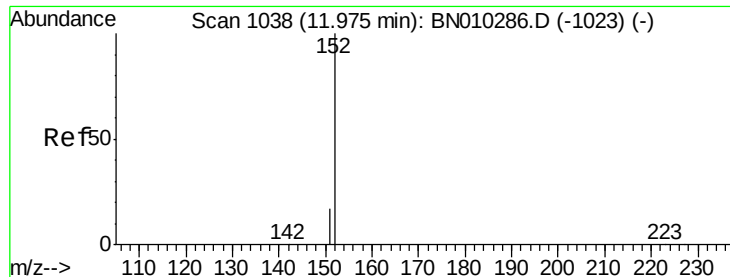


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

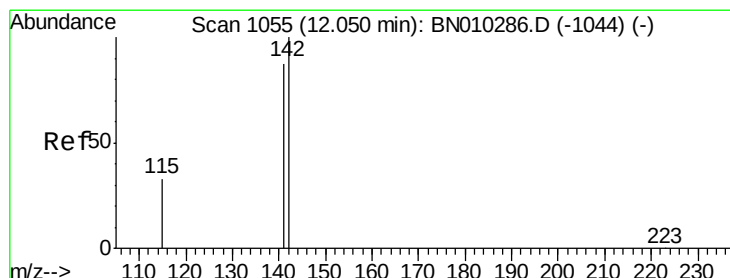
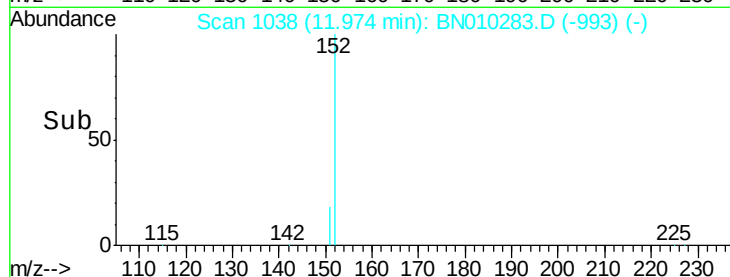
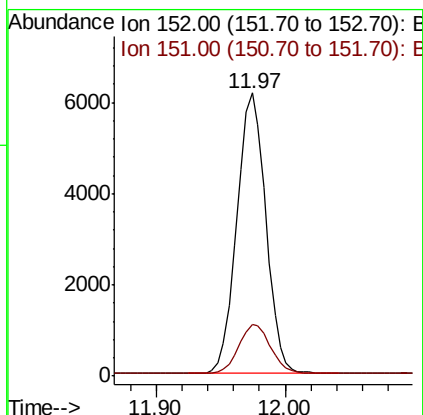
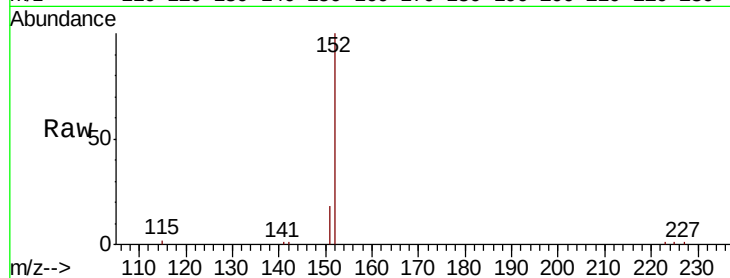




#11  
2-Methylnaphthalene-d10  
Concen: 0.380 ng  
RT: 11.97 min Scan# 1038  
Delta R.T. -0.00 min  
Lab File: BN010283.D  
Acq: 19 Mar 2020 10:28

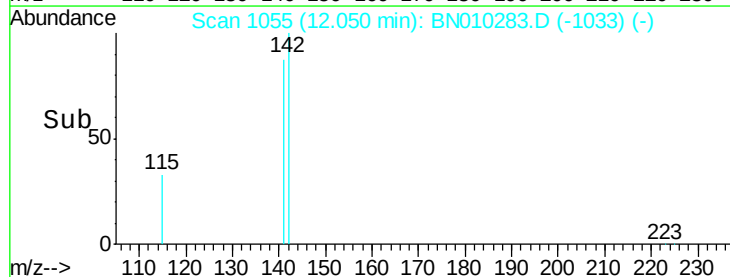
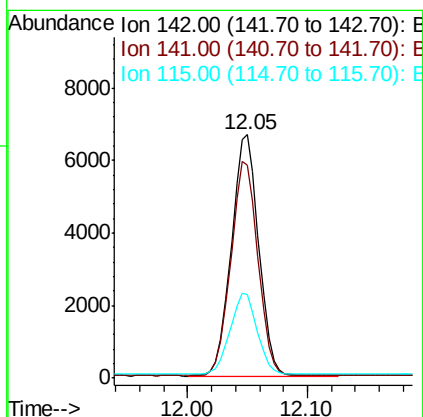
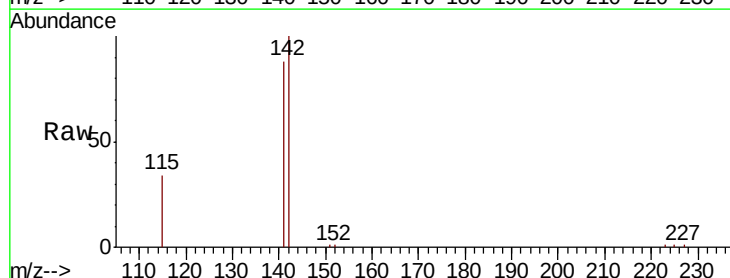
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tot Ion:152 Resp: 9579  
Ion Ratio Lower Upper  
152 100  
151 19.2 15.4 23.2

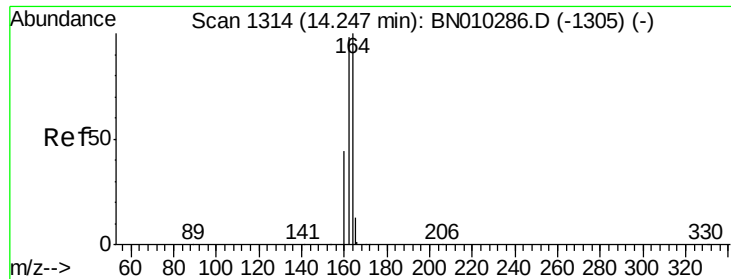


#12  
2-Methylnaphthalene  
Concen: 0.383 ng  
RT: 12.05 min Scan# 1055  
Delta R.T. -0.00 min  
Lab File: BN010283.D  
Acq: 19 Mar 2020 10:28

Tgt Ion:142 Resp: 10521  
Ion Ratio Lower Upper  
142 100  
141 87.7 69.5 104.3  
115 34.2 27.5 41.3







#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

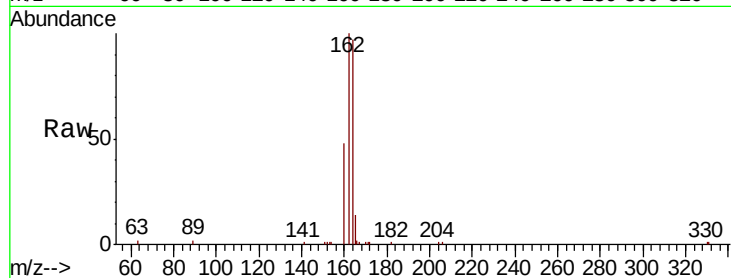
Tot Ion:164 Resp: 9273

Ion Ratio Lower Upper

164 100

162 102.9 78.2 117.2

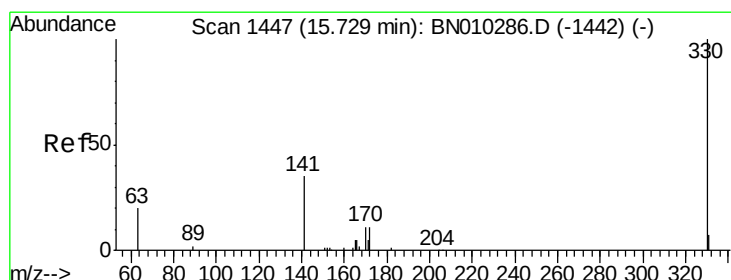
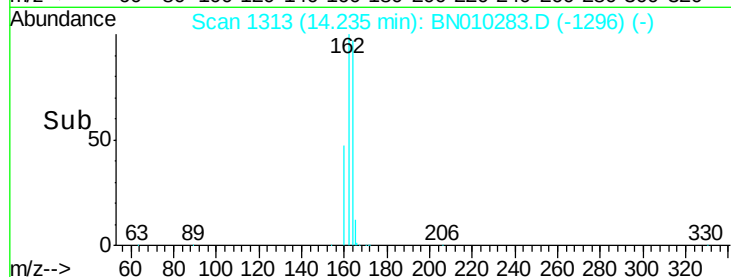
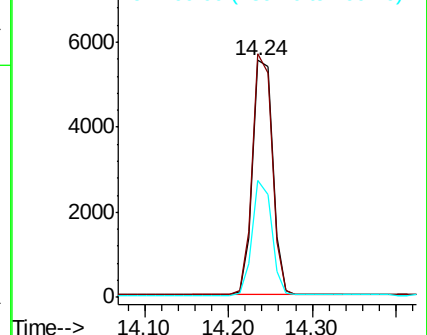
160 49.2 35.8 53.6



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: 0.434 ng

RT: 15.73 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

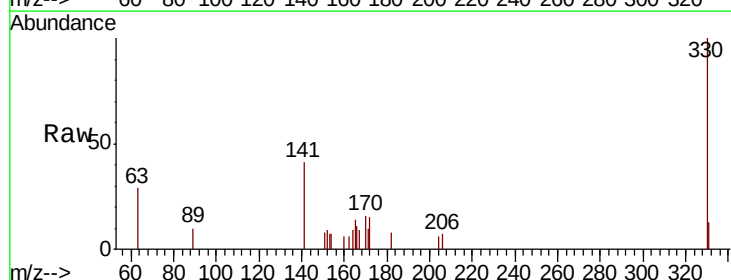
Tgt Ion:330 Resp: 1441

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

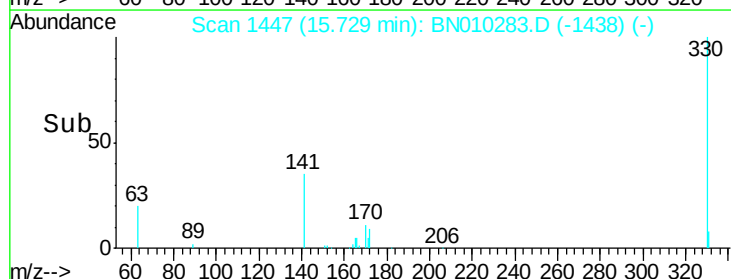
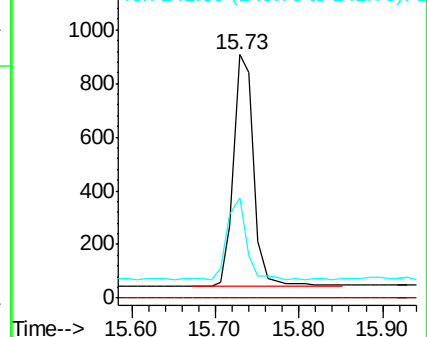
141 33.1 29.3 43.9

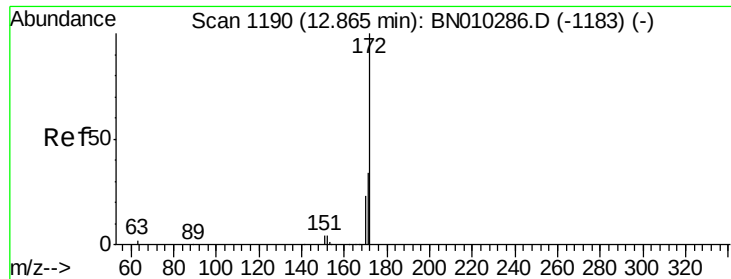


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

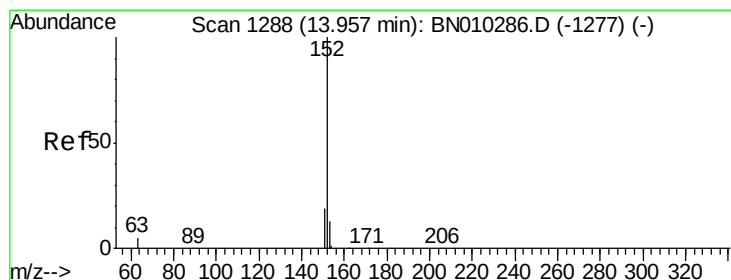
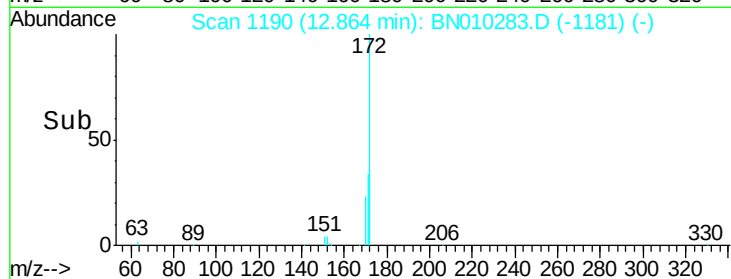
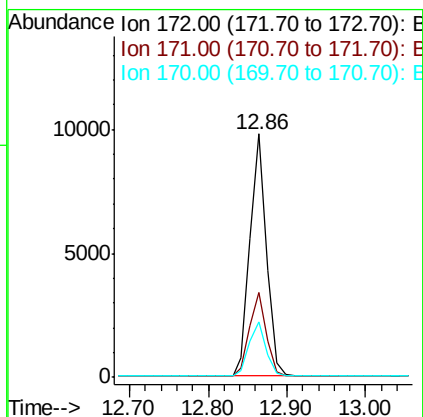
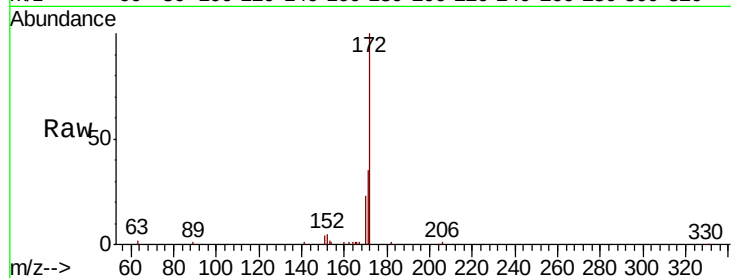




#15  
2-Fluorobiphenyl  
Concen: 0.427 ng  
RT: 12.86 min Scan# 1190  
Delta R.T. -0.00 min  
Lab File: BN010283.D  
Acq: 19 Mar 2020 10:28

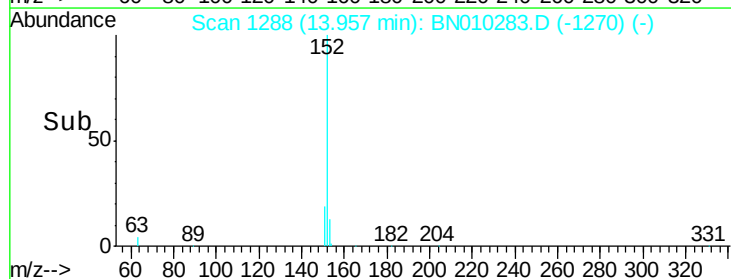
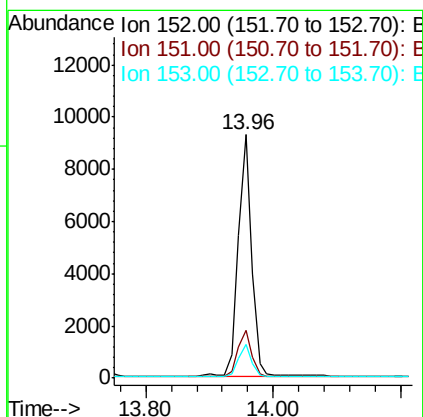
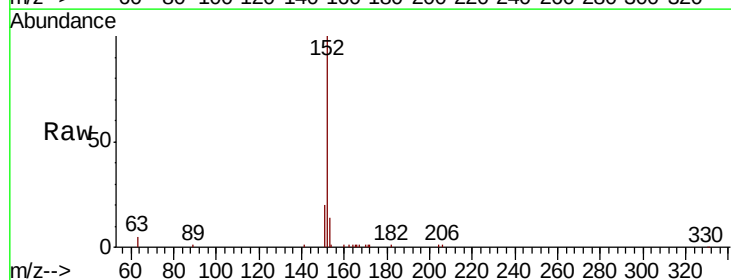
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

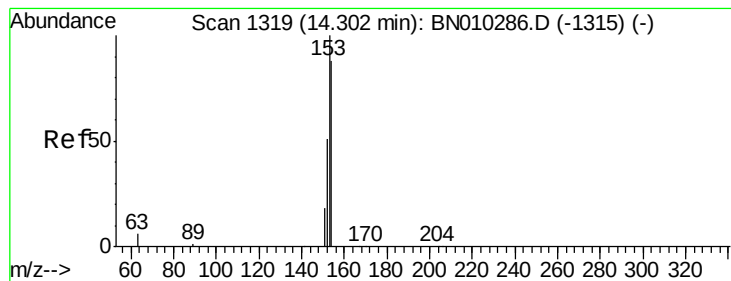
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.6  | 27.6  | 41.4  |
| 170     | 22.9  | 18.5  | 27.7  |



#16  
Acenaphthylene  
Concen: 0.323 ng  
RT: 13.96 min Scan# 1288  
Delta R.T. -0.00 min  
Lab File: BN010283.D  
Acq: 19 Mar 2020 10:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.3  | 15.6  | 23.4  |
| 153     | 12.9  | 10.6  | 15.8  |





#17

Acenaphthene

Concen: 0.391 ng

RT: 14.30 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

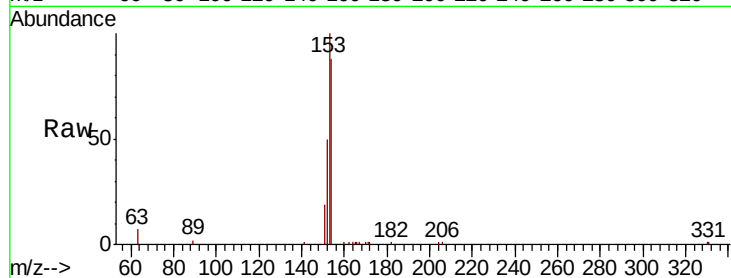
Tot Ion:154 Resp: 10163

Ion Ratio Lower Upper

154 100

153 109.7 88.1 132.1

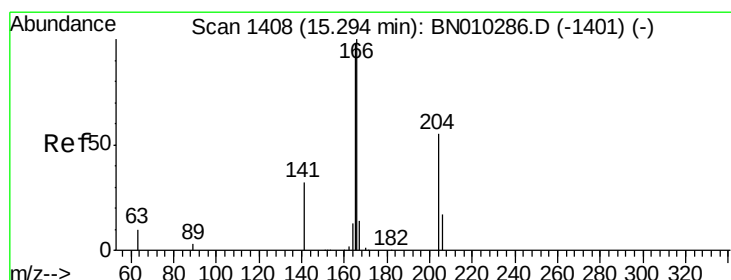
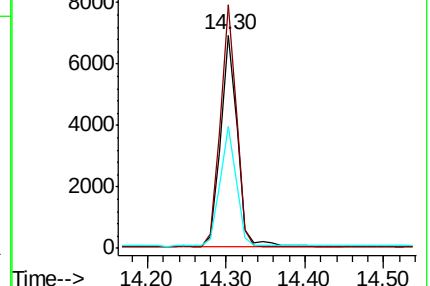
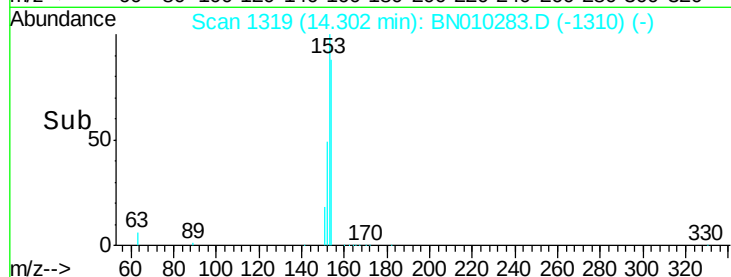
152 55.7 45.5 68.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.380 ng

RT: 15.29 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

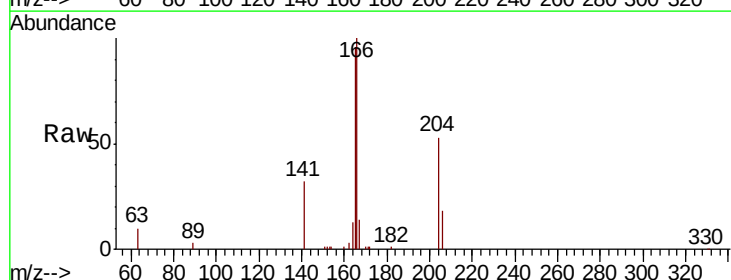
Tgt Ion:166 Resp: 13449

Ion Ratio Lower Upper

166 100

165 97.2 78.7 118.1

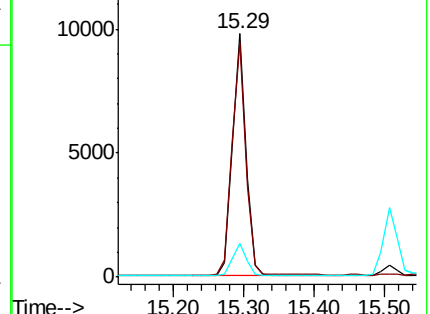
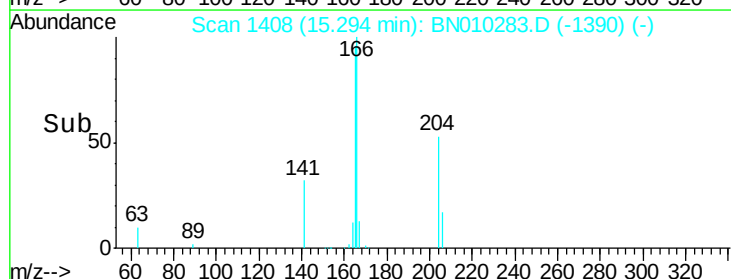
167 13.5 11.0 16.4

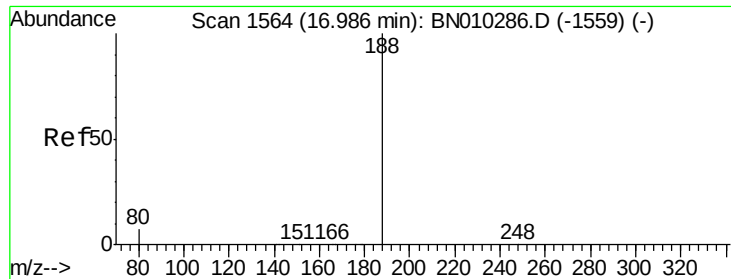


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

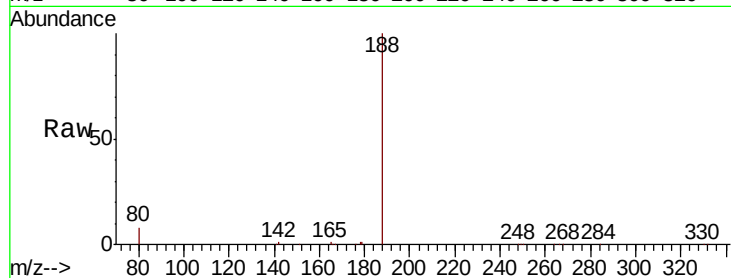
Tot Ion:188 Resp: 21514

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

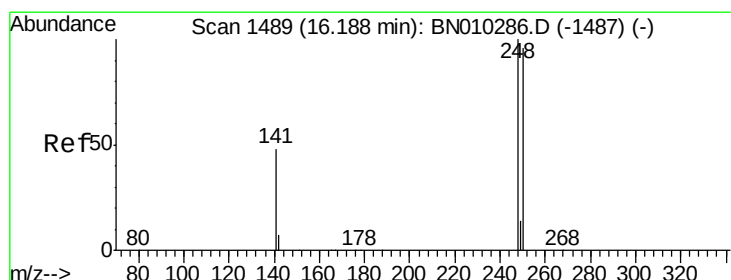
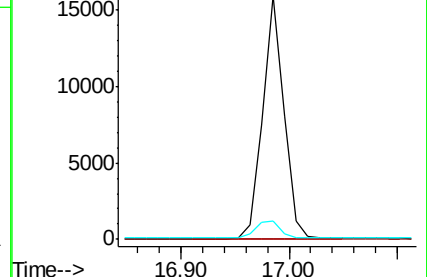
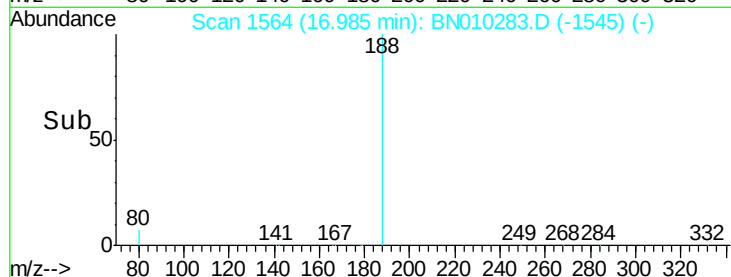
80 7.6 6.0 9.0



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-Bromophenyl-phenylether

Concen: 0.420 ng

RT: 16.19 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

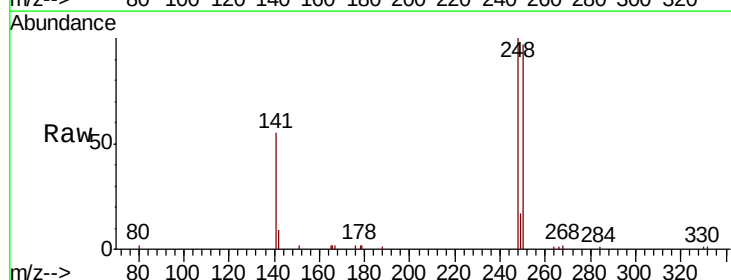
Tgt Ion:248 Resp: 5189

Ion Ratio Lower Upper

248 100

250 96.7 76.8 115.2

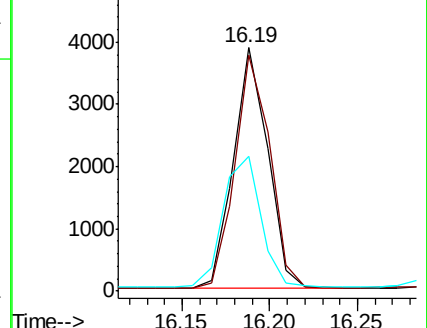
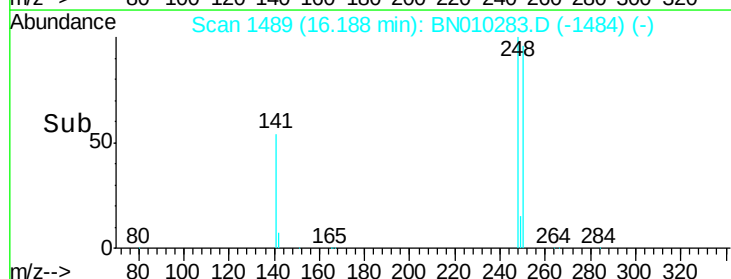
141 55.3 44.4 66.6

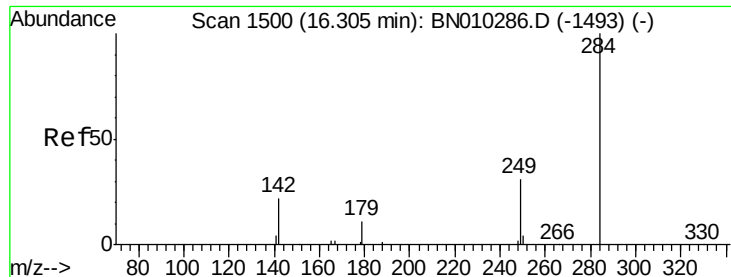


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

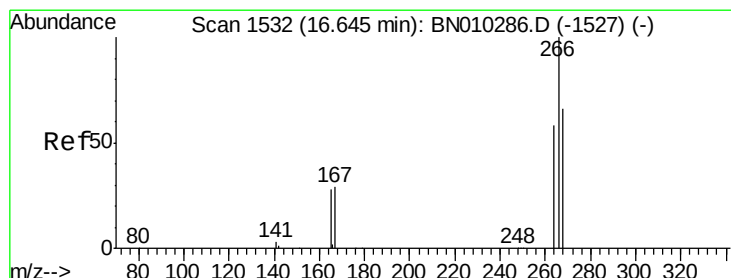
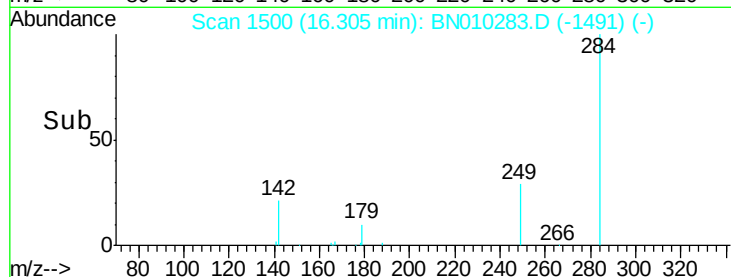
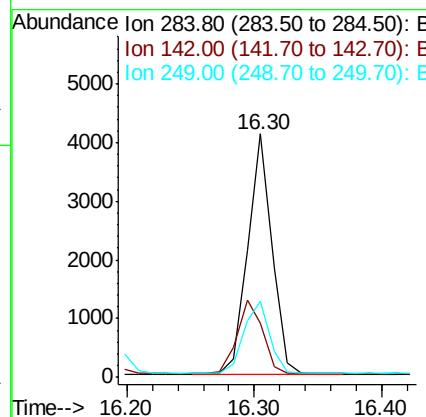
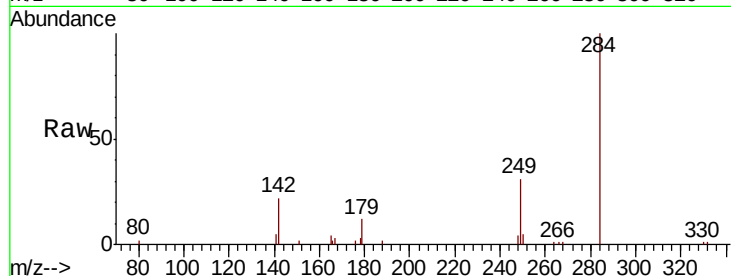




#21  
Hexachlorobenzene  
Concen: 0.449 ng  
RT: 16.30 min Scan# 1500  
Delta R.T. -0.00 min  
Lab File: BN010283.D  
Acq: 19 Mar 2020 10:28

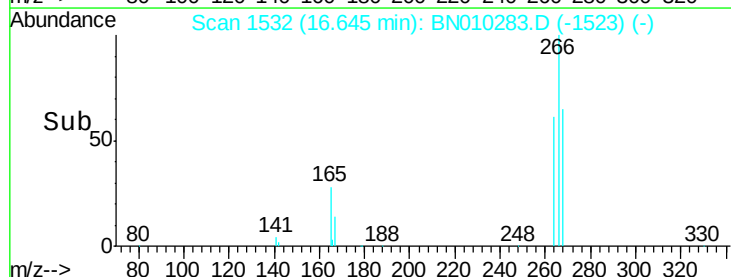
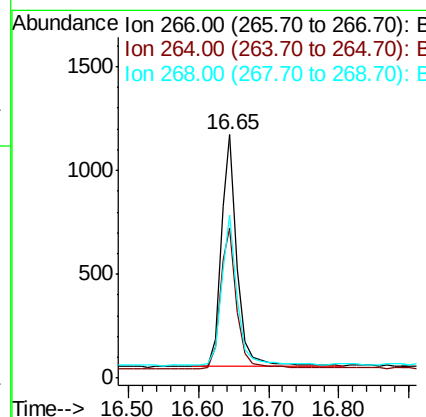
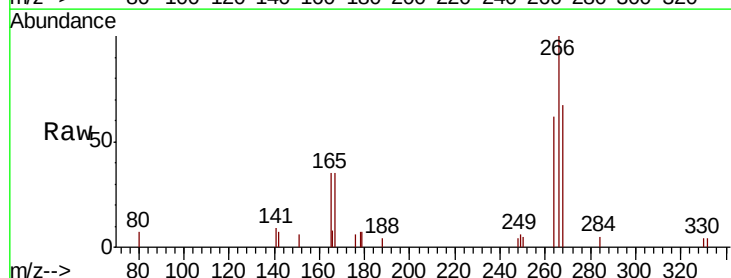
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

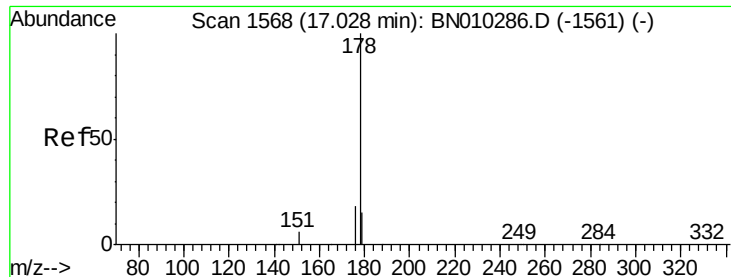
Tot Ion:284 Resp: 5412  
Ion Ratio Lower Upper  
284 100  
142 32.4 27.4 41.2  
249 31.8 26.5 39.7



#22  
Pentachlorophenol  
Concen: 0.482 ng  
RT: 16.65 min Scan# 1532  
Delta R.T. -0.00 min  
Lab File: BN010283.D  
Acq: 19 Mar 2020 10:28

Tgt Ion:266 Resp: 1796  
Ion Ratio Lower Upper  
266 100  
264 61.7 47.7 71.5  
268 67.1 54.9 82.3





#23

Phenanthrene

Concen: 0.415 ng

RT: 17.03 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

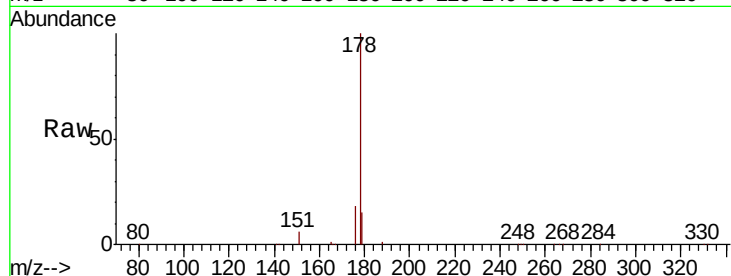
Tot Ion:178 Resp: 23695

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

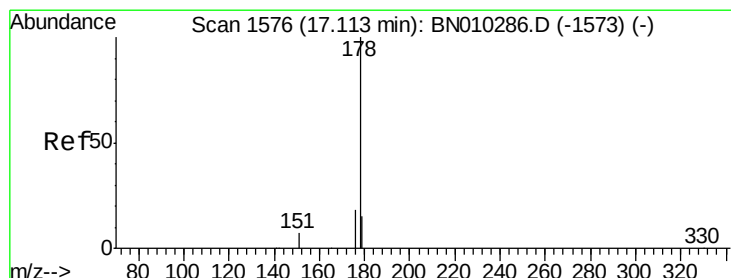
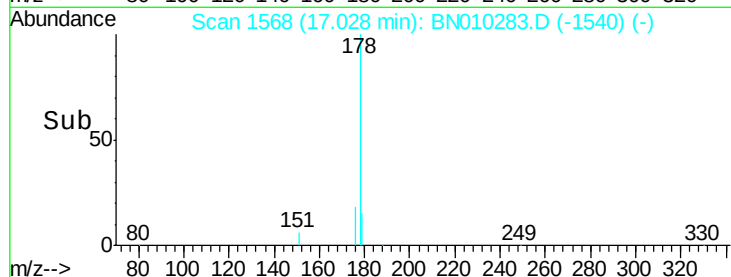
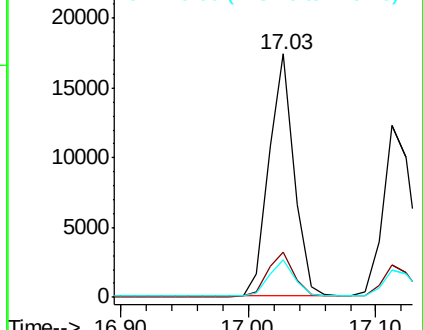
179 15.2 12.4 18.6



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



#24

Anthracene

Concen: 0.340 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

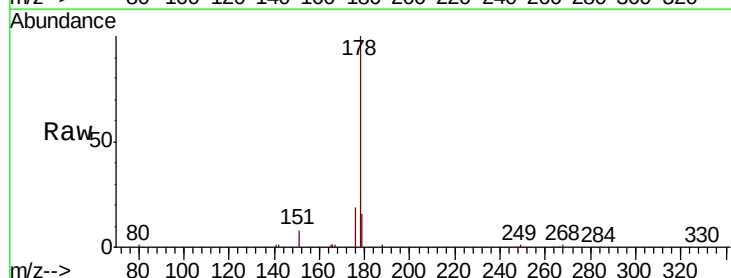
Tgt Ion:178 Resp: 19356

Ion Ratio Lower Upper

178 100

176 17.9 14.5 21.7

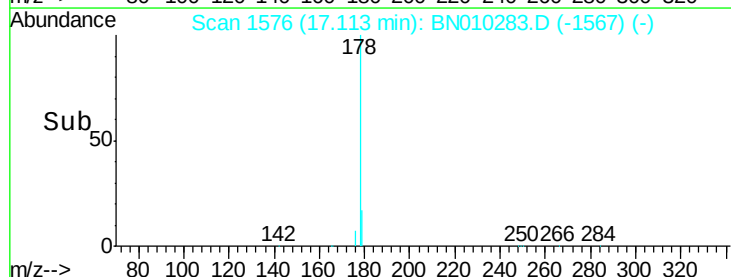
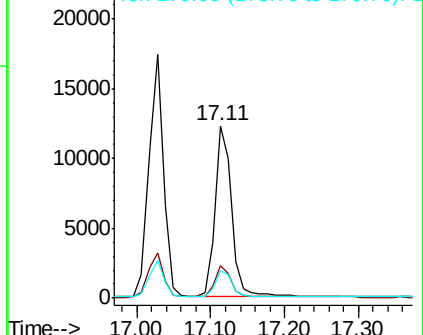
179 15.6 12.3 18.5

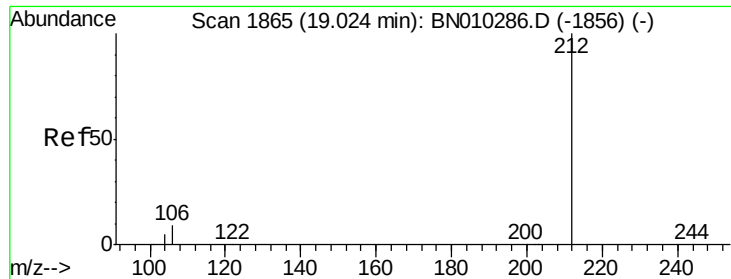


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

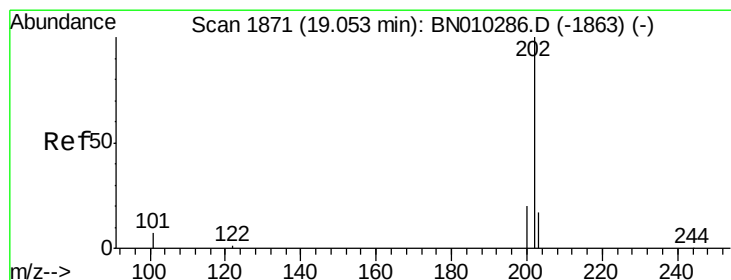
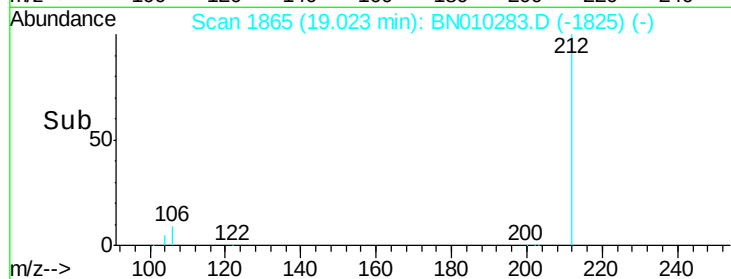
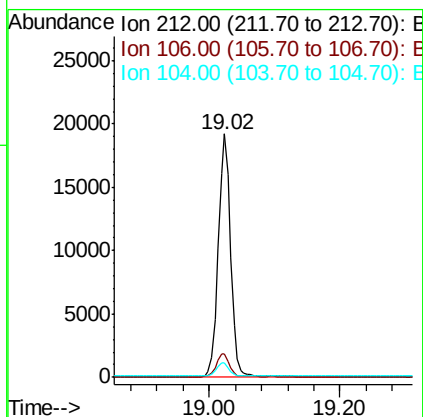
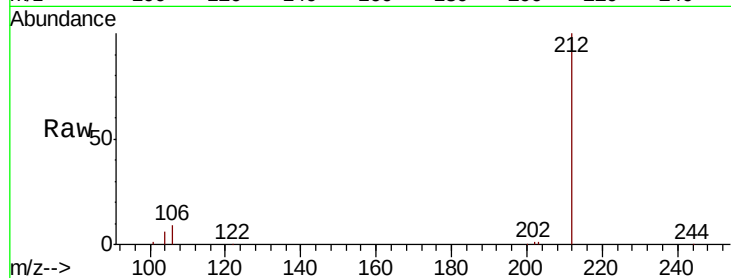




#25  
 Fluoranthene-d10  
 Concen: 0.381 ng  
 RT: 19.02 min Scan# 1865  
 Delta R.T. -0.00 min  
 Lab File: BN010283.D  
 Acq: 19 Mar 2020 10:28

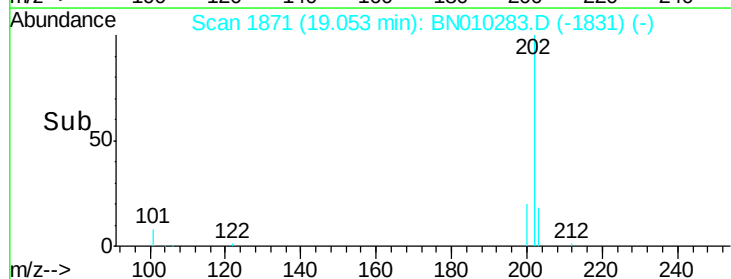
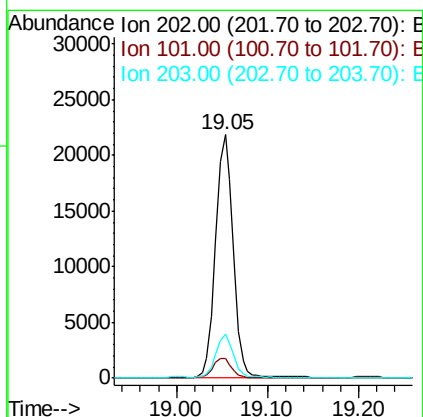
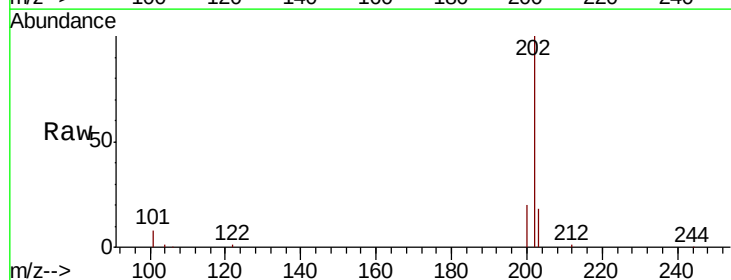
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

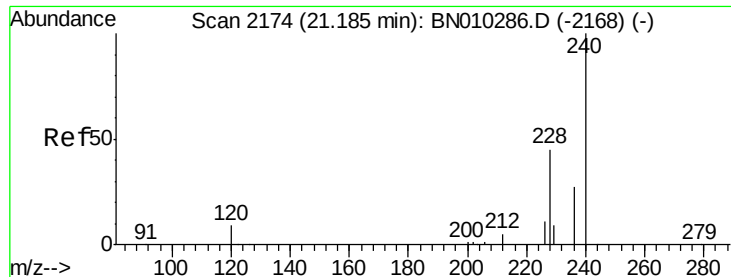
Tot Ion:212 Resp: 25298  
 Ion Ratio Lower Upper  
 212 100  
 106 9.6 7.4 11.2  
 104 5.6 4.2 6.4



#26  
 Fluoranthene  
 Concen: 0.394 ng  
 RT: 19.05 min Scan# 1871  
 Delta R.T. -0.00 min  
 Lab File: BN010283.D  
 Acq: 19 Mar 2020 10:28

Tgt Ion:202 Resp: 28513  
 Ion Ratio Lower Upper  
 202 100  
 101 8.2 6.6 9.8  
 203 17.1 13.8 20.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.18 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

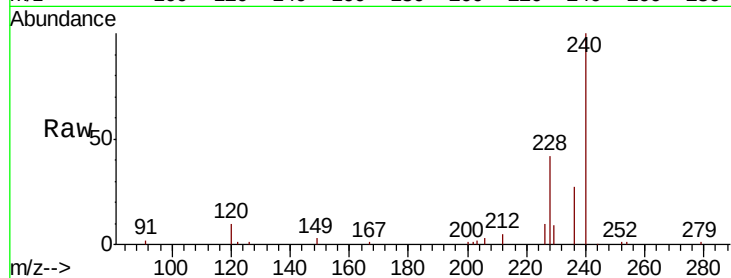
Tot Ion:240 Resp: 22730

Ion Ratio Lower Upper

240 100

120 9.7 7.9 11.9

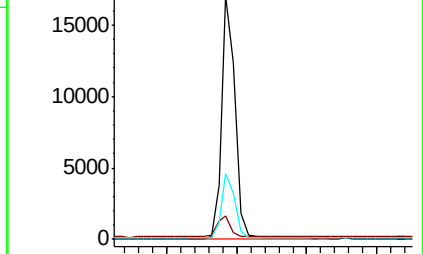
236 27.2 22.2 33.4



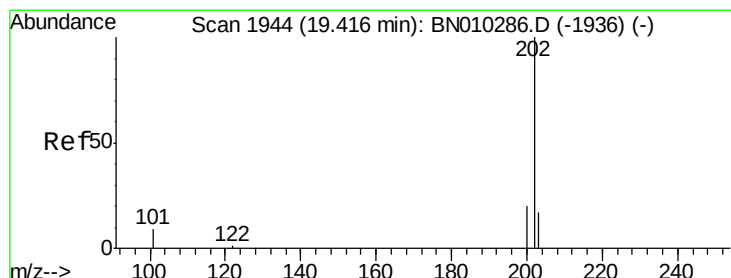
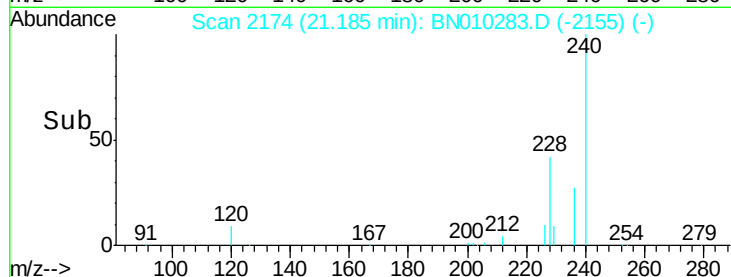
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#28

Pyrene

Concen: 0.377 ng

RT: 19.42 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

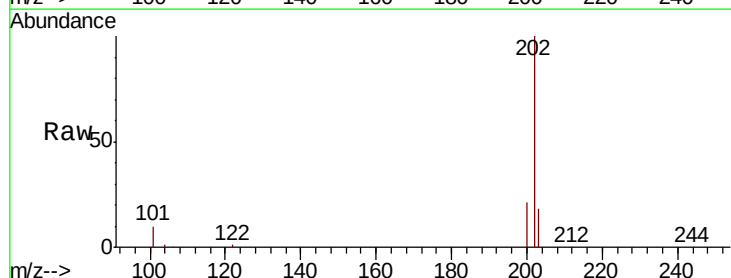
Tgt Ion:202 Resp: 28627

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.4

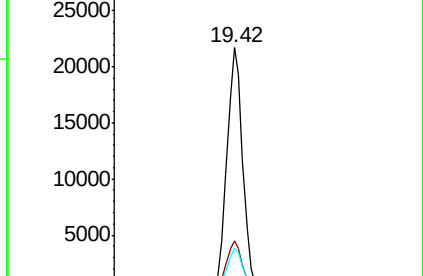
203 17.6 14.2 21.2



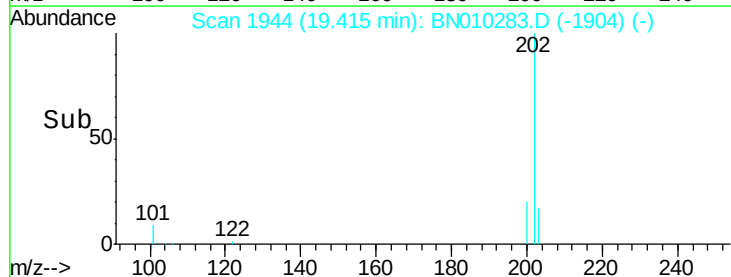
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

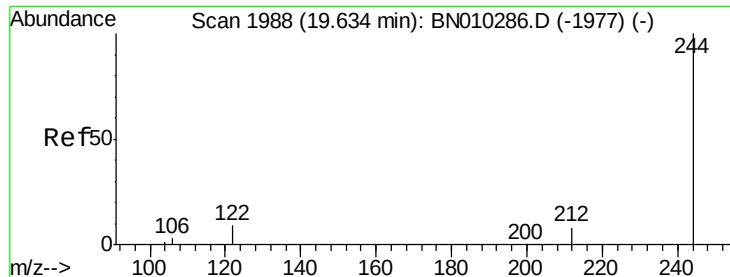
Ion 203.00 (202.70 to 203.70): E



Time-->







#29

Terphenyl-d14

Concen: 0.385 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

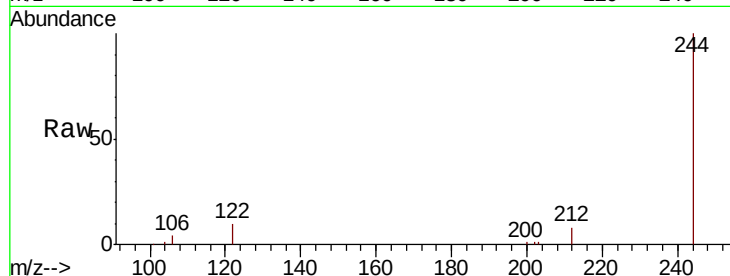
Tot Ion:244 Resp: 19959

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

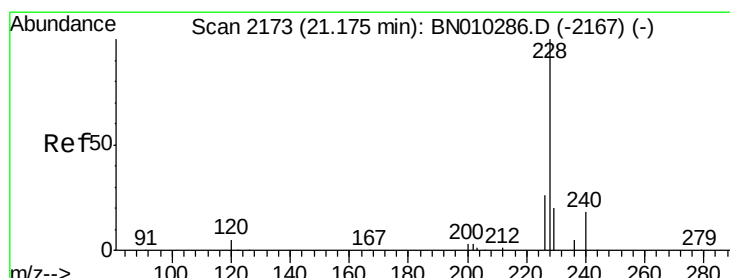
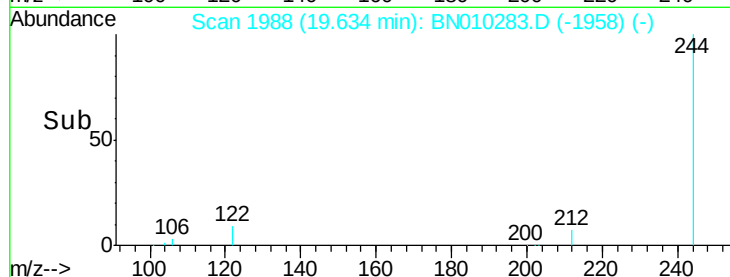
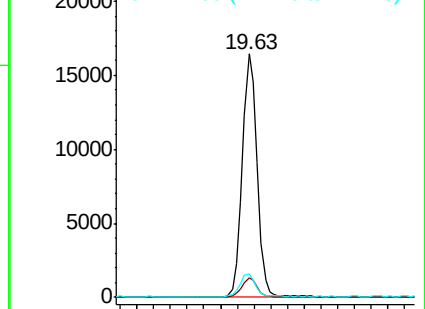
122 9.7 7.6 11.4



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



#30

Benzo(a)anthracene

Concen: 0.360 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

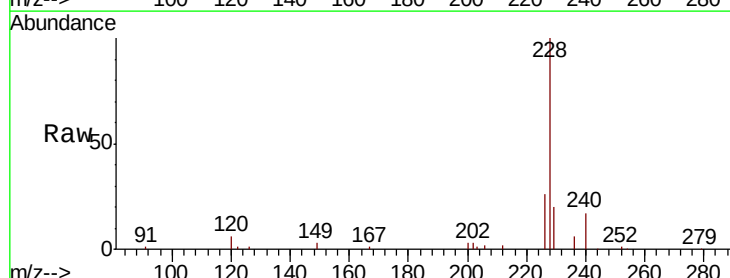
Tgt Ion:228 Resp: 27781

Ion Ratio Lower Upper

228 100

226 26.2 21.0 31.4

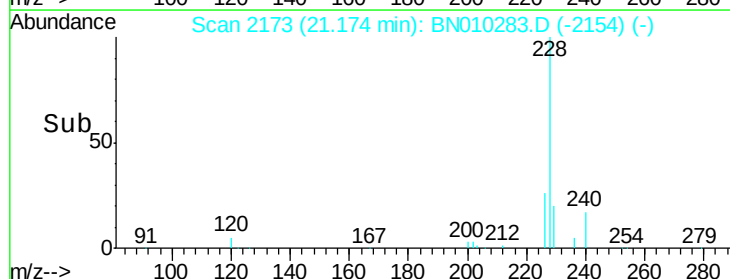
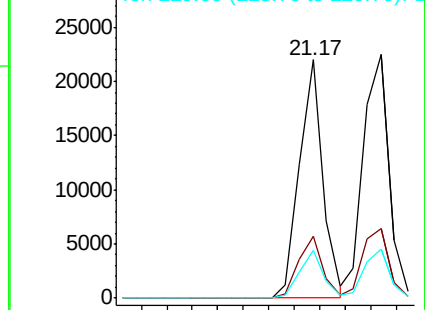
229 20.0 16.0 24.0

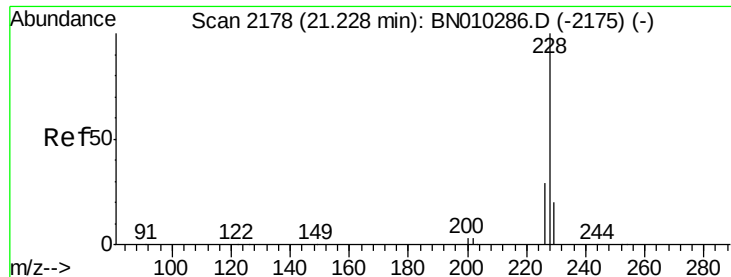


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

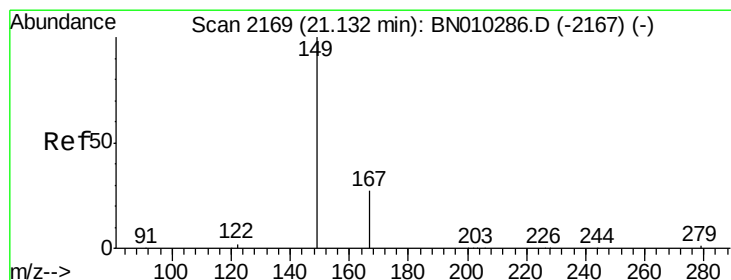
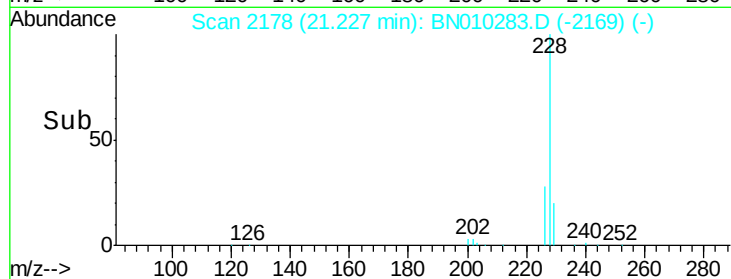
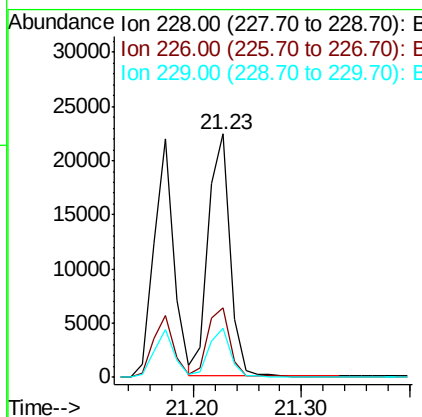
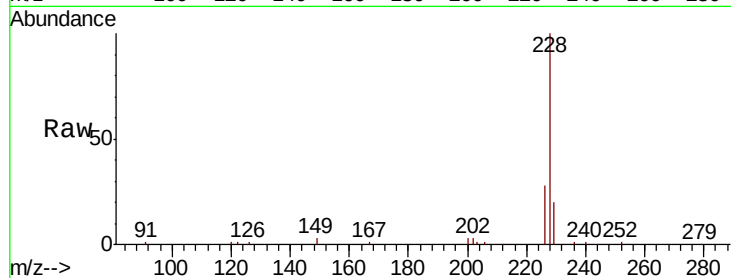




#31  
 Chrysene  
 Concen: 0.409 ng  
 RT: 21.23 min Scan# 2178  
 Delta R.T. -0.00 min  
 Lab File: BN010283.D  
 Acq: 19 Mar 2020 10:28

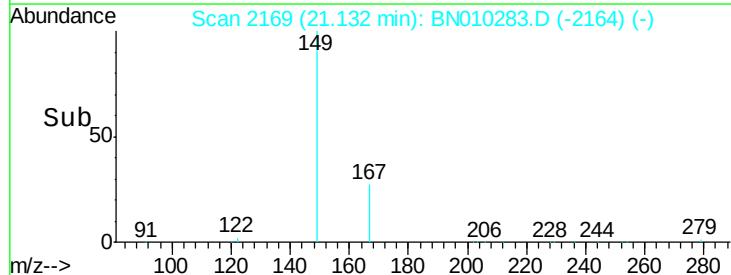
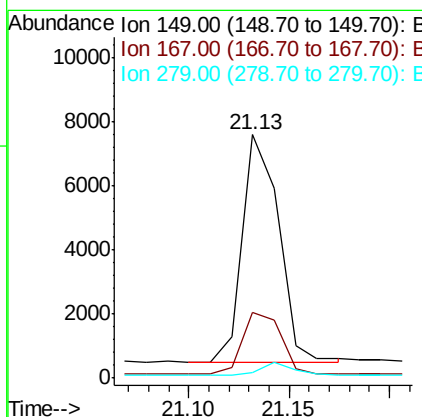
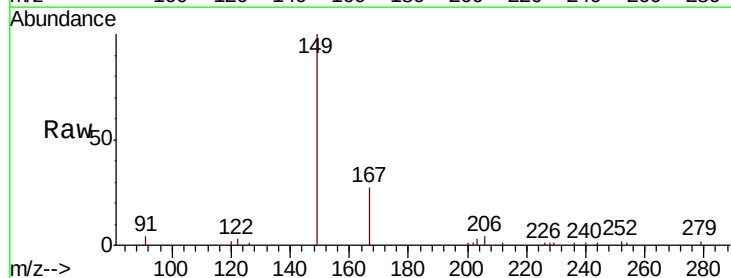
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

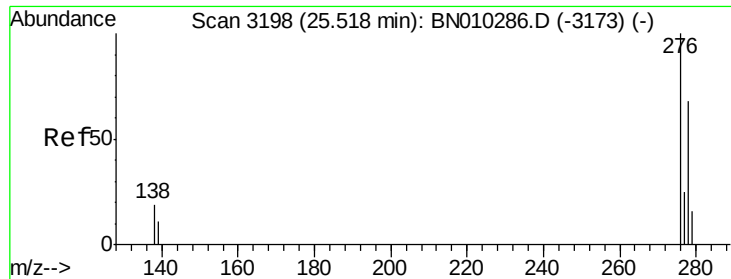
Tot Ion:228 Resp: 31119  
 Ion Ratio Lower Upper  
 228 100  
 226 28.4 23.0 34.6  
 229 20.1 16.0 24.0



#32  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.272 ng  
 RT: 21.13 min Scan# 2169  
 Delta R.T. -0.00 min  
 Lab File: BN010283.D  
 Acq: 19 Mar 2020 10:28

Tgt Ion:149 Resp: 8937  
 Ion Ratio Lower Upper  
 149 100  
 167 28.9 23.0 34.6  
 279 5.0 3.8 5.8

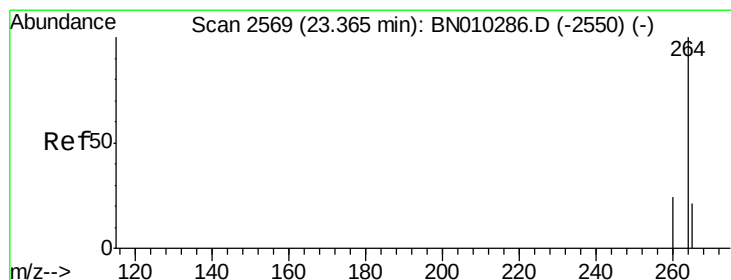
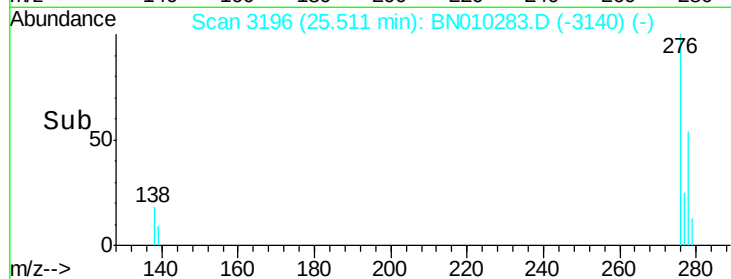
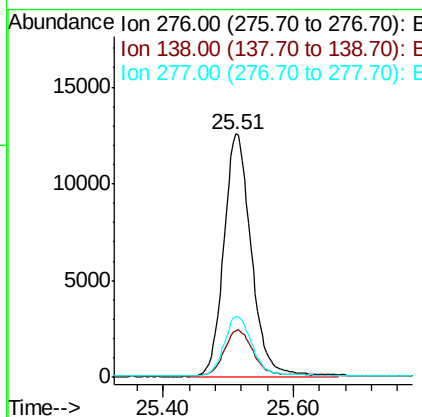
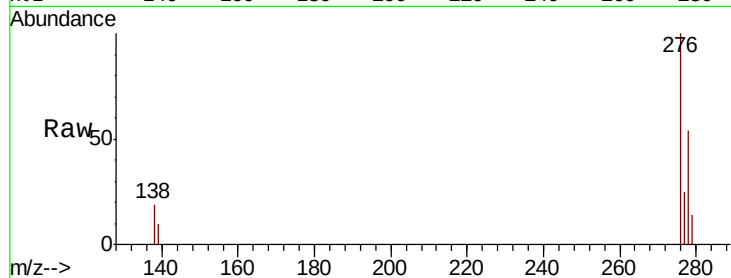




#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.408 ng  
 RT: 25.51 min Scan# 3196  
 Delta R.T. -0.01 min  
 Lab File: BN010283.D  
 Acq: 19 Mar 2020 10:28

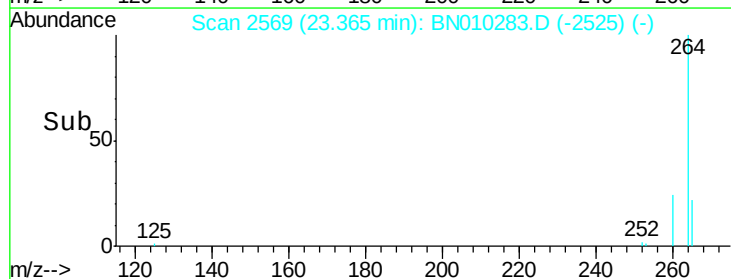
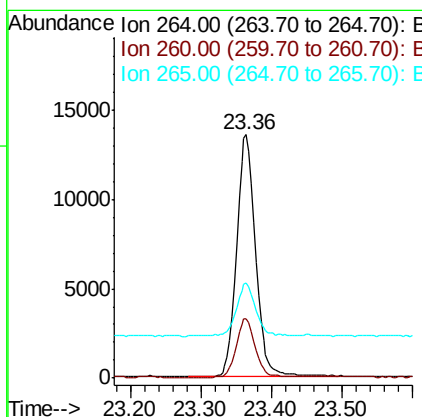
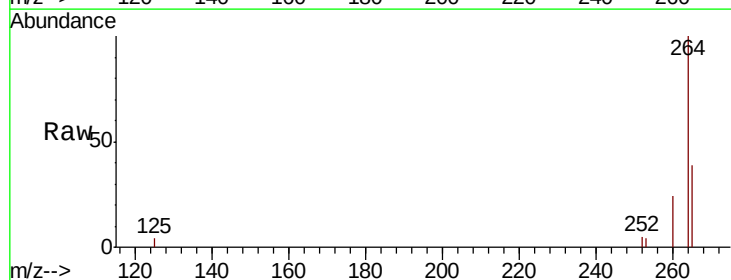
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

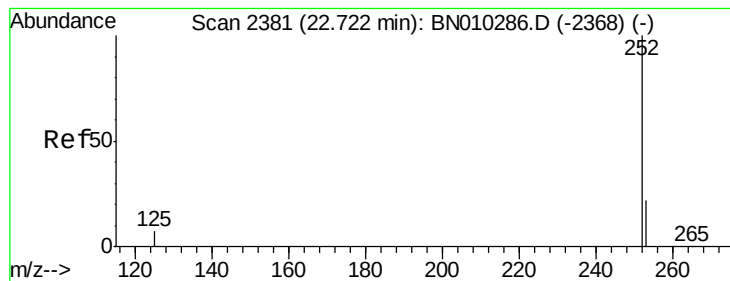
Tot Ion:276 Resp: 36795  
 Ion Ratio Lower Upper  
 276 100  
 138 19.7 15.6 23.4  
 277 25.1 20.1 30.1



#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.36 min Scan# 2569  
 Delta R.T. -0.00 min  
 Lab File: BN010283.D  
 Acq: 19 Mar 2020 10:28

Tgt Ion:264 Resp: 25443  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.5 29.3  
 265 38.8 32.4 48.6





#35

Benzo(b)fluoranthene

Concen: 0.392 ng

RT: 22.72 min Scan# 2381

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

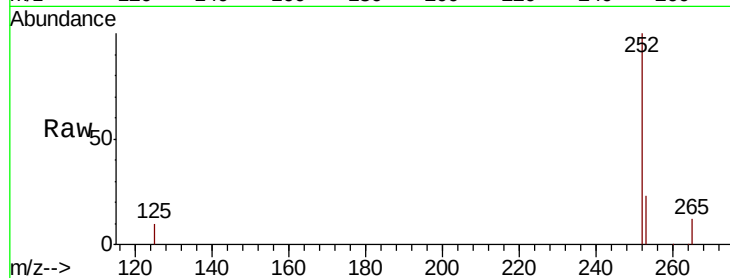
Tot Ion:252 Resp: 30684

Ion Ratio Lower Upper

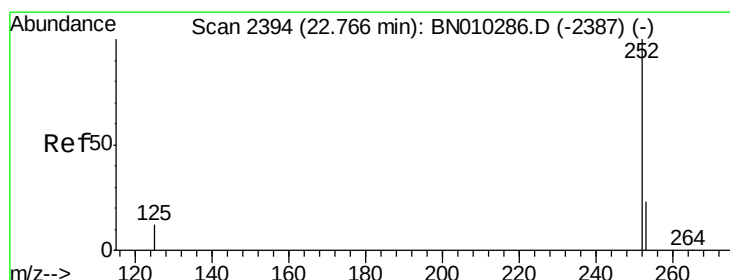
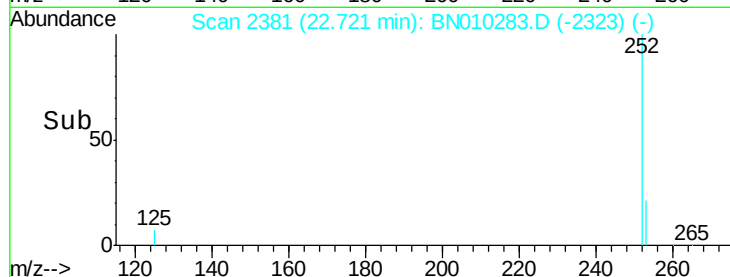
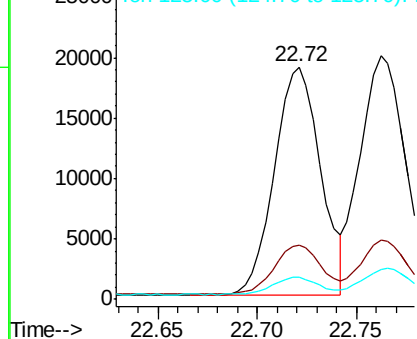
252 100

253 23.4 19.2 28.8

125 9.5 7.4 11.0



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



#36

Benzo(k)fluoranthene

Concen: 0.412 ng

RT: 22.76 min Scan# 2393

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

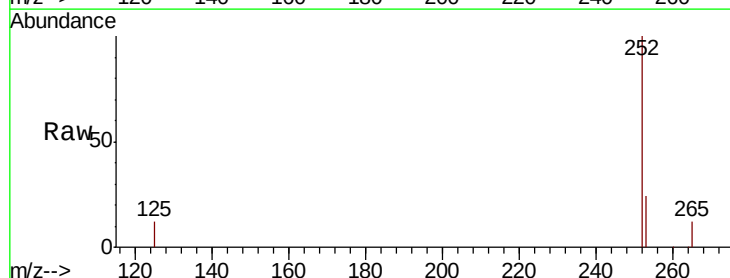
Tgt Ion:252 Resp: 32546

Ion Ratio Lower Upper

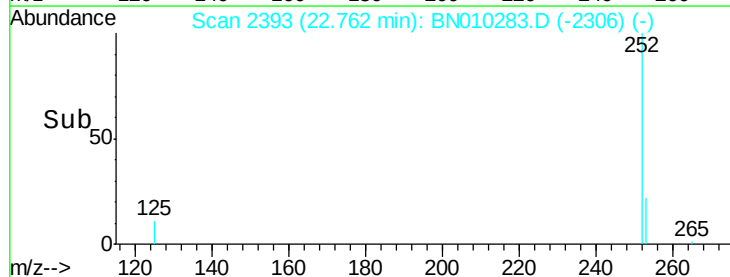
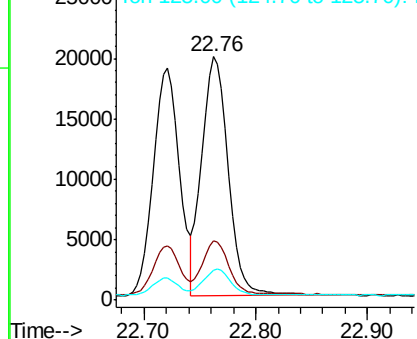
252 100

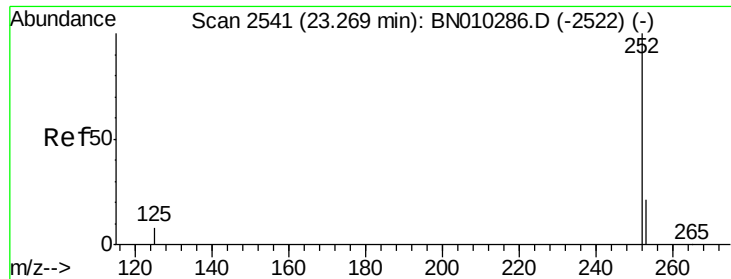
253 24.1 19.4 29.0

125 12.4 10.2 15.2



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





#37

Benzo(a)pyrene

Concen: 0.366 ng

RT: 23.27 min Scan# 2541

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

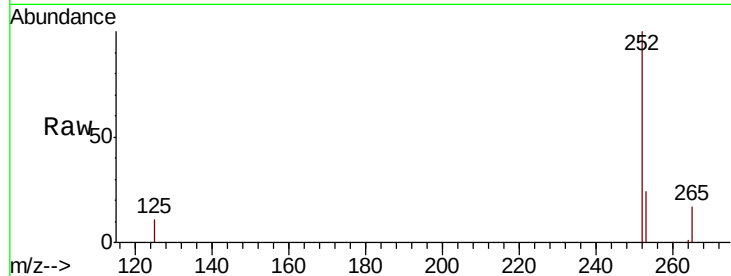
Tot Ion:252 Resp: 26994

Ion Ratio Lower Upper

252 100

253 24.5 19.9 29.9

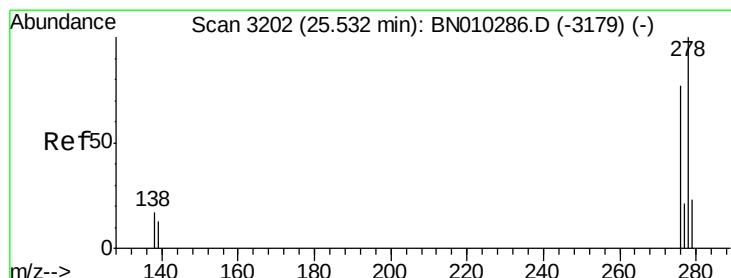
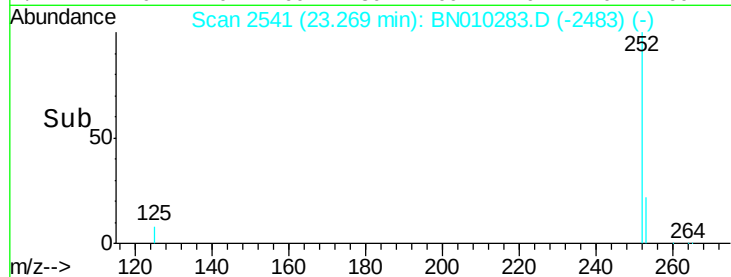
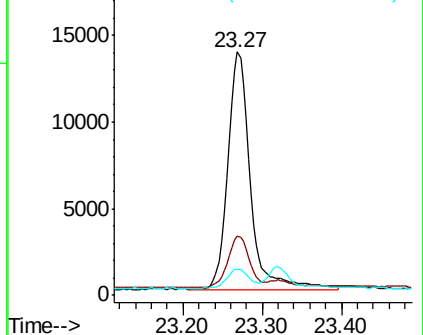
125 10.8 8.9 13.3



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

Dibenzo(a,h)anthracene

Concen: 0.408 ng

RT: 25.53 min Scan# 3201

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

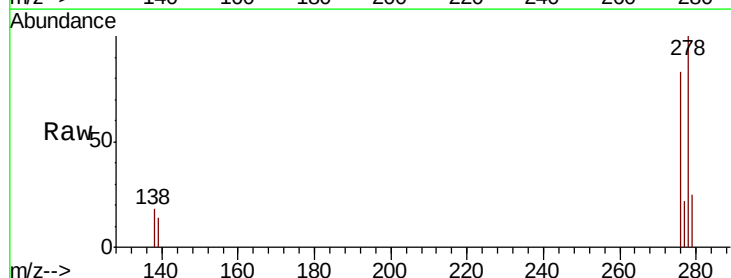
Tgt Ion:278 Resp: 30236

Ion Ratio Lower Upper

278 100

139 13.9 10.6 16.0

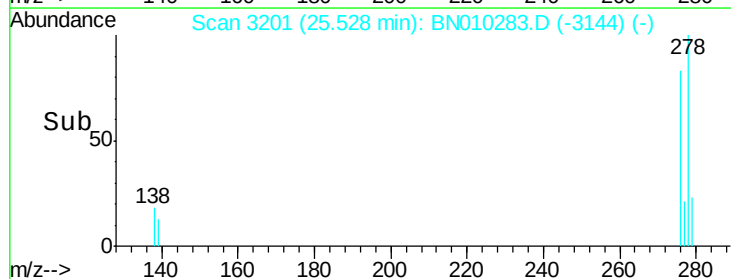
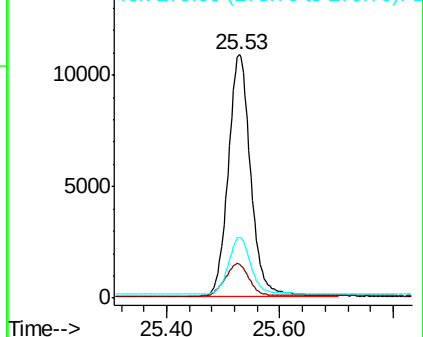
279 24.7 19.8 29.6

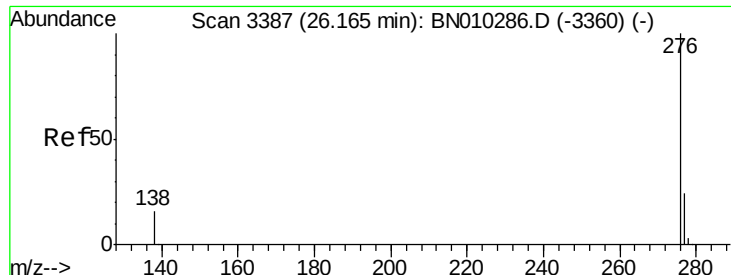


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.390 ng

RT: 26.16 min Scan# 3387

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

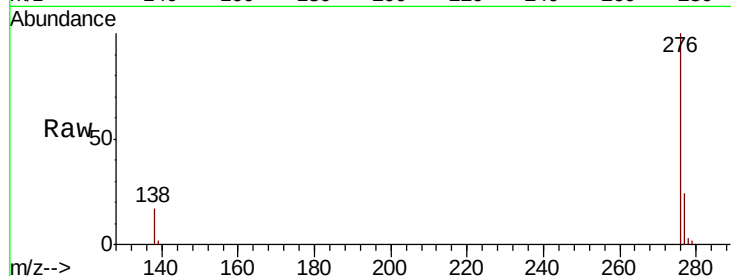
Tot Ion:276 Resp: 28855

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 17.0 13.3 19.9



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

