

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051320\  
 Data File : BN010701.D  
 Acq On : 13 May 2020 10:10  
 Operator : CG/JU  
 Sample : SSTDICC0.1  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.1

Quant Time: May 13 13:25:28 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 13 13:23:01 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.58  | 152  | 3658     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.33 | 136  | 14501    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.21 | 164  | 8710     | 0.40 | ng    | 0.01     |
| 19) Phenanthrene-d10      | 16.96 | 188  | 18212    | 0.40 | ng    | 0.01     |
| 27) Chrysene-d12          | 21.16 | 240  | 13465    | 0.40 | ng    | 0.01     |
| 34) Perylene-d12          | 23.32 | 264  | 12746    | 0.40 | ng    | 0.00     |

|                             |       |     |      |      |    |      |
|-----------------------------|-------|-----|------|------|----|------|
| System Monitoring Compounds |       |     |      |      |    |      |
| 4) 2-Fluorophenol           | 5.22  | 112 | 718  | 0.09 | ng | 0.00 |
| 5) Phenol-d6                | 6.78  | 99  | 788  | 0.08 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.72  | 82  | 917  | 0.09 | ng | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.94 | 152 | 2220 | 0.09 | ng | 0.01 |
| 14) 2,4,6-Tribromophenol    | 15.73 | 330 | 240  | 0.06 | ng | 0.02 |
| 15) 2-Fluorobiphenyl        | 12.84 | 172 | 2998 | 0.09 | ng | 0.02 |
| 25) Fluoranthene-d10        | 19.00 | 212 | 4516 | 0.08 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.61 | 244 | 3213 | 0.10 | ng | 0.00 |

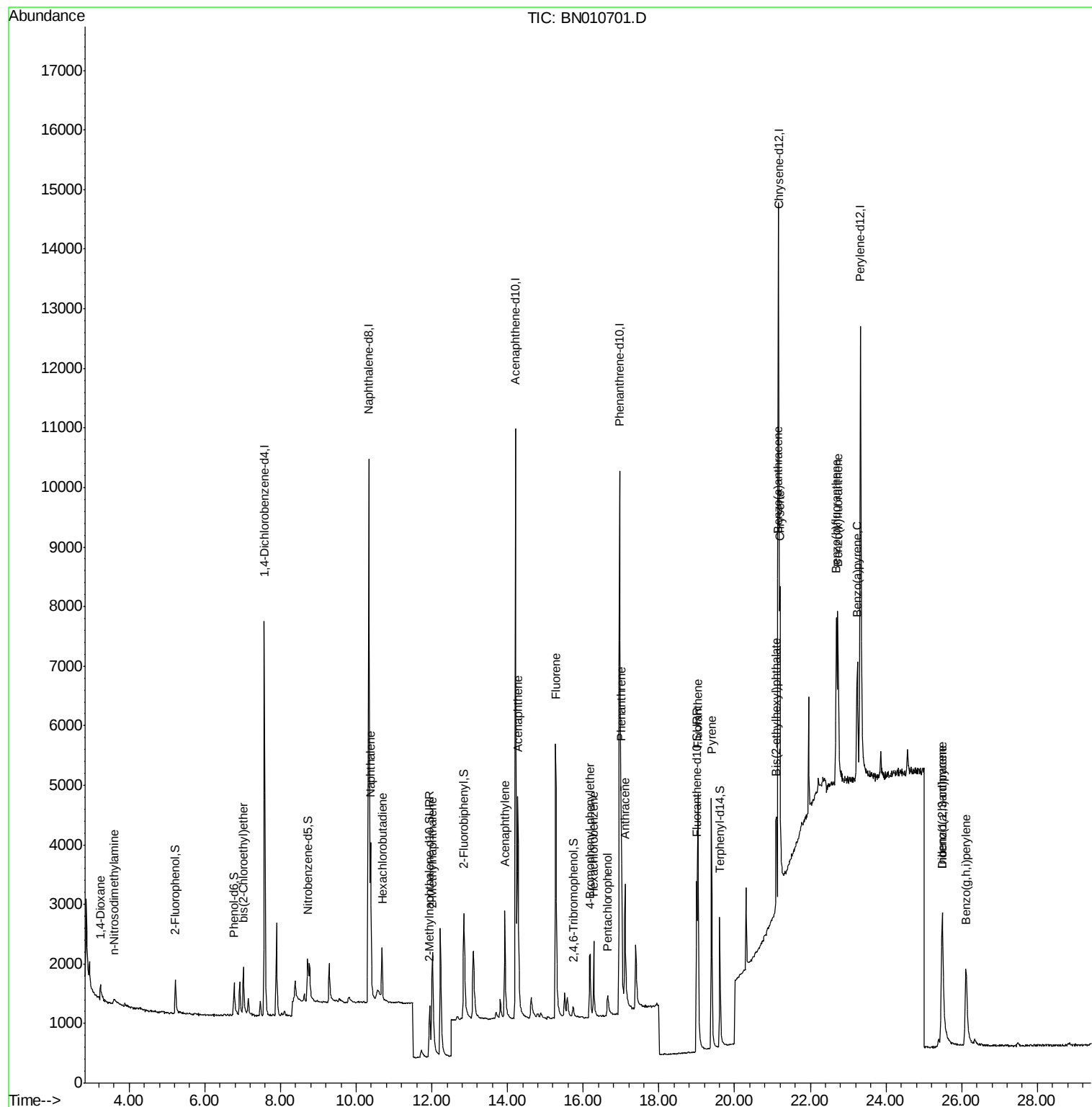
|                                |       |     |      |        |    |      |
|--------------------------------|-------|-----|------|--------|----|------|
| Target Compounds               |       |     |      | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.24  | 88  | 330  | 0.123  | ng | # 95 |
| 3) n-Nitrosodimethylamine      | 3.59  | 42  | 61   | 0.035  | ng | # 1  |
| 6) bis(2-Chloroethyl)ether     | 7.02  | 93  | 953  | 0.105  | ng | 98   |
| 9) Naphthalene                 | 10.38 | 128 | 3548 | 0.099  | ng | 95   |
| 10) Hexachlorobutadiene        | 10.68 | 225 | 852  | 0.098  | ng | # 99 |
| 12) 2-Methylnaphthalene        | 12.01 | 142 | 2360 | 0.091  | ng | 96   |
| 16) Acenaphthylene             | 13.92 | 152 | 3162 | 0.084  | ng | 99   |
| 17) Acenaphthene               | 14.27 | 154 | 2296 | 0.095  | ng | 98   |
| 18) Fluorene                   | 15.27 | 166 | 2936 | 0.093  | ng | 98   |
| 20) 4-Bromophenyl-phenylether  | 16.18 | 248 | 857  | 0.085  | ng | 96   |
| 21) Hexachlorobenzene          | 16.27 | 284 | 1220 | 0.106  | ng | 97   |
| 22) Pentachlorophenol          | 16.65 | 266 | 364  | 0.080  | ng | # 87 |
| 23) Phenanthrene               | 17.01 | 178 | 4533 | 0.092  | ng | 99   |
| 24) Anthracene                 | 17.10 | 178 | 3408 | 0.076  | ng | 97   |
| 26) Fluoranthene               | 19.03 | 202 | 4982 | 0.081  | ng | 99   |
| 28) Pyrene                     | 19.39 | 202 | 4972 | 0.110  | ng | 100  |
| 30) Benzo(a)anthracene         | 21.14 | 228 | 3776 | 0.086  | ng | 97   |
| 31) Chrysene                   | 21.20 | 228 | 4517 | 0.103  | ng | 97   |
| 32) Bis(2-ethylhexyl)phthalate | 21.09 | 149 | 1697 | 0.075  | ng | # 99 |
| 33) Indeno(1,2,3-cd)pyrene     | 25.48 | 276 | 4025 | 0.104  | ng | 99   |
| 35) Benzo(b)fluoranthene       | 22.69 | 252 | 4038 | 0.096  | ng | # 71 |
| 36) Benzo(k)fluoranthene       | 22.73 | 252 | 4669 | 0.111  | ng | # 71 |
| 37) Benzo(a)pyrene             | 23.24 | 252 | 3490 | 0.094  | ng | # 57 |
| 38) Dibenzo(a,h)anthracene     | 25.49 | 278 | 3015 | 0.089  | ng | # 73 |
| 39) Benzo(g,h,i)perylene       | 26.11 | 276 | 3849 | 0.113  | ng | # 90 |

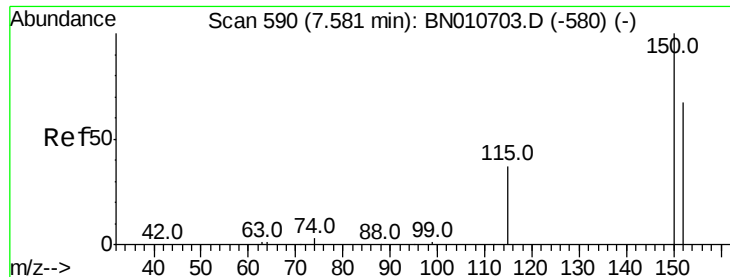
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : SSTDICC0.1  
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ALS Vial : 3 Sample Multiplier: 1

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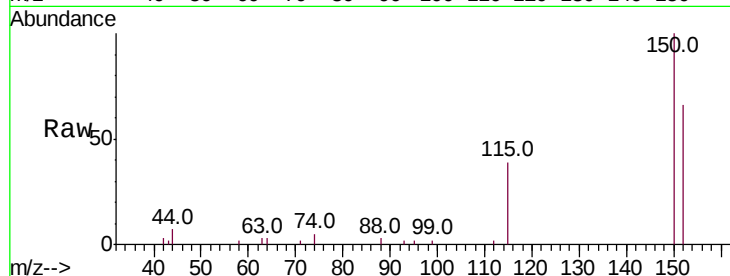


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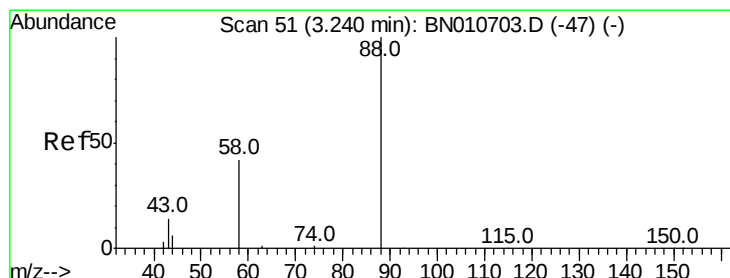
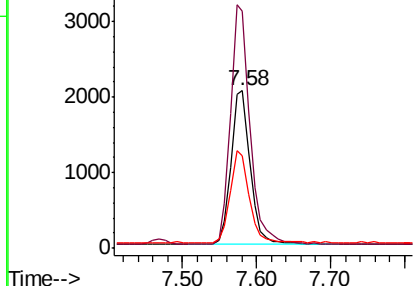
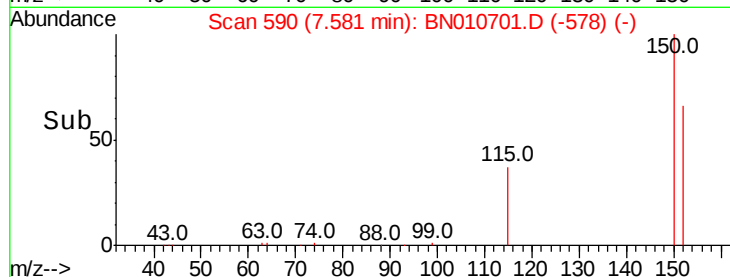
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.58 min Scan# 590  
Delta R.T. 0.00 min  
Lab File: BN010701.D  
Acq: 13 May 2020 10:10

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

Tot Ion:152 Resp: 3658  
Ion Ratio Lower Upper  
152 100  
150 150.8 119.4 179.0  
115 58.8 45.9 68.9



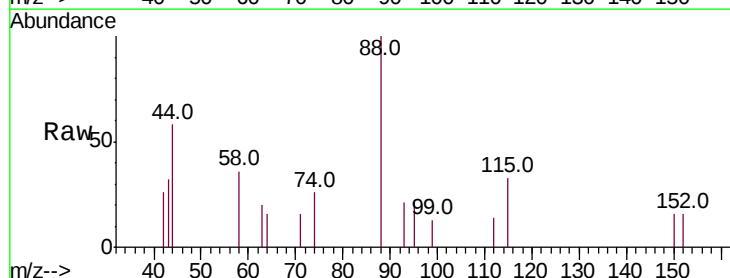
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



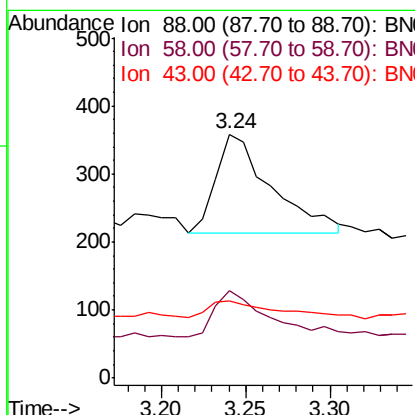
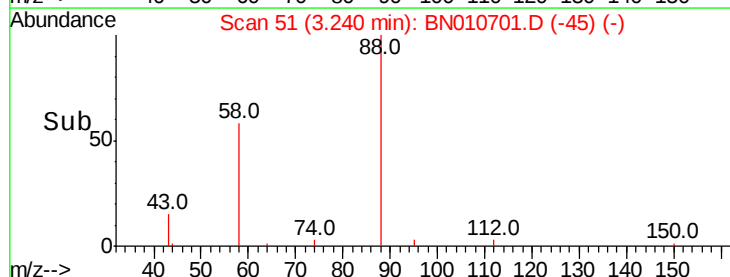
#2

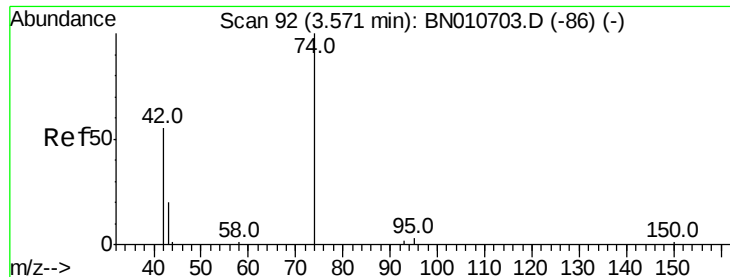
1,4-Dioxane  
Concen: 0.123 ng  
RT: 3.24 min Scan# 51  
Delta R.T. 0.00 min  
Lab File: BN010701.D  
Acq: 13 May 2020 10:10

Tgt Ion: 88 Resp: 330  
Ion Ratio Lower Upper  
88 100  
58 46.1 39.0 58.6  
43 19.7 13.1 19.7#



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: 0.035 ng

RT: 3.59 min Scan# 95

Delta R.T. 0.02 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.1

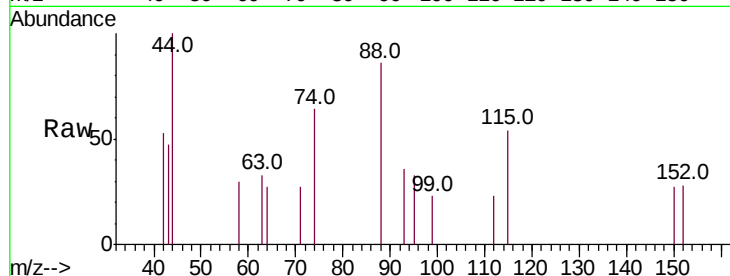
Tot Ion: 42 Resp: 61

Ion Ratio Lower Upper

42 100

74 368.9 146.2 219.2#

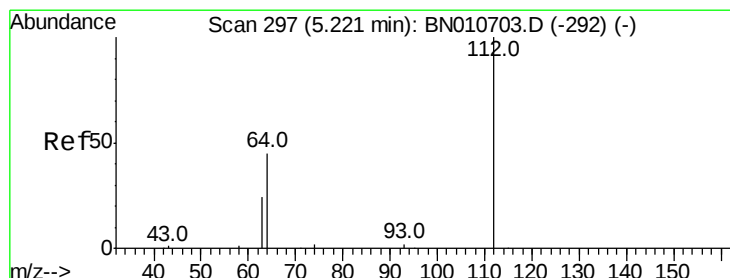
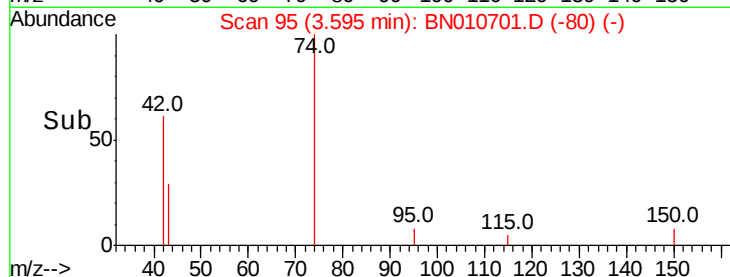
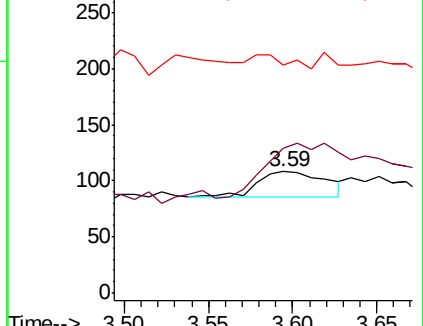
44 0.0 3.0 4.4#



Abundance Ion 42.00 (41.70 to 42.70): BN010703.D (-86) (-)

Ion 74.00 (73.70 to 74.70): BN010703.D (-86) (-)

Ion 44.00 (43.70 to 44.70): BN010703.D (-86) (-)



#4

2-Fluorophenol

Concen: 0.090 ng

RT: 5.22 min Scan# 297

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

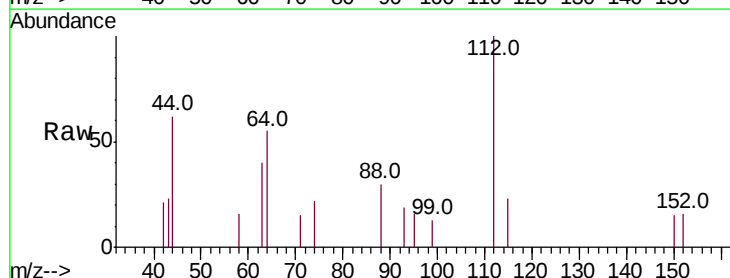
Tgt Ion: 112 Resp: 718

Ion Ratio Lower Upper

112 100

64 47.8 36.2 54.4

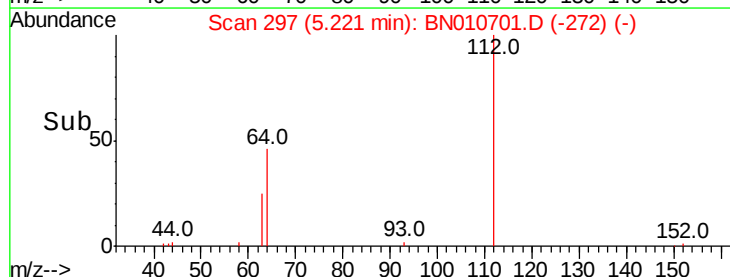
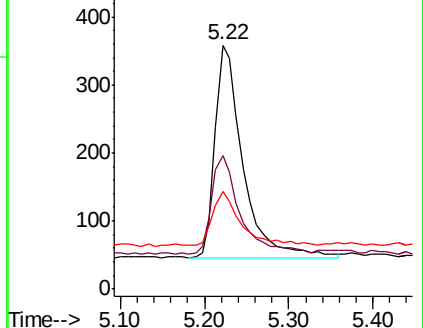
63 26.2 19.8 29.8

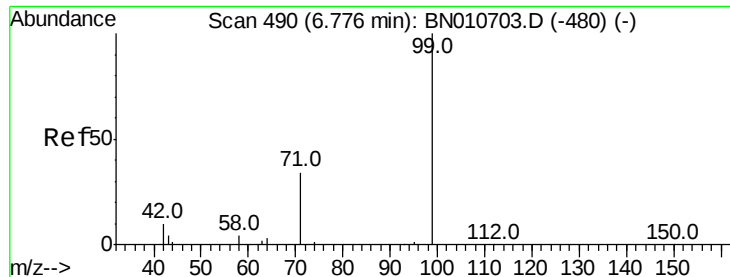


Abundance Ion 112.00 (111.70 to 112.70): BN010703.D (-292) (-)

Ion 64.00 (63.70 to 64.70): BN010703.D (-292) (-)

Ion 63.00 (62.70 to 63.70): BN010703.D (-292) (-)





#5

Phenol-d6

Concen: 0.075 ng

RT: 6.78 min Scan# 490

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.1

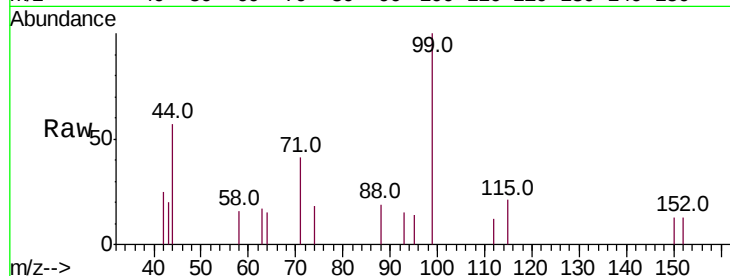
Tot Ion: 99 Resp: 788

Ion Ratio Lower Upper

99 100

42 14.5 9.8 14.8

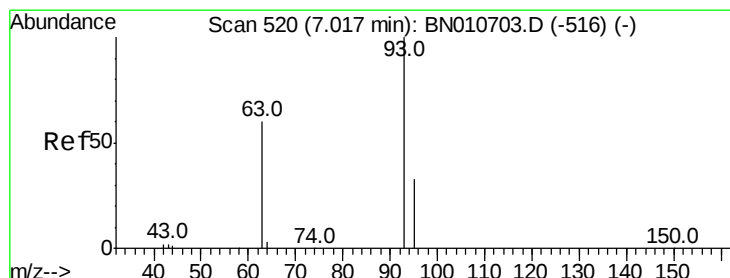
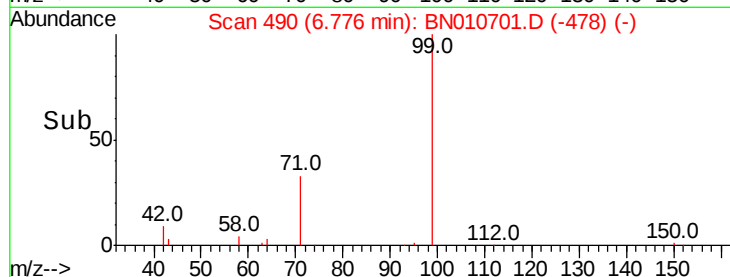
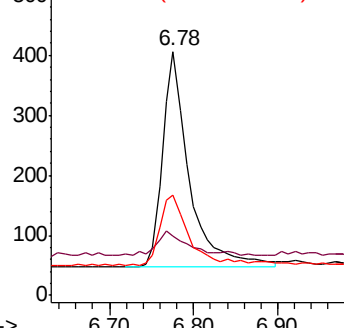
71 33.4 28.6 42.8



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: 0.105 ng

RT: 7.02 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

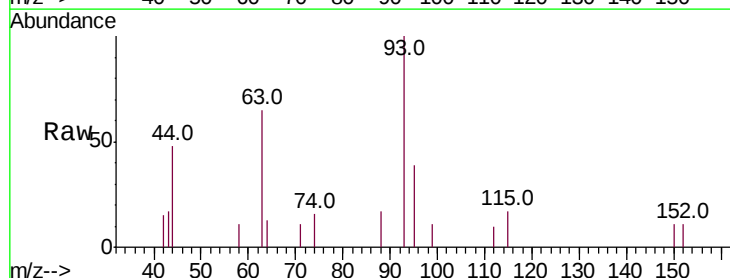
Tgt Ion: 93 Resp: 953

Ion Ratio Lower Upper

93 100

63 52.5 43.1 64.7

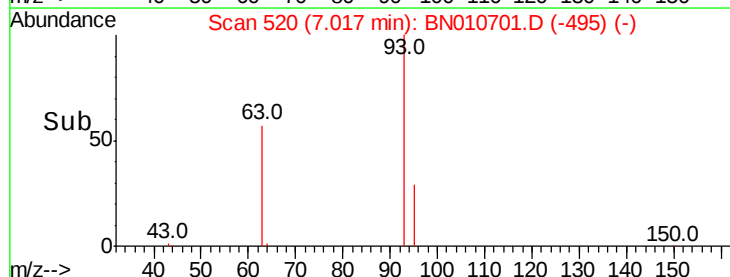
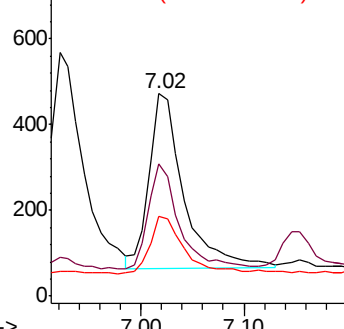
95 31.4 24.6 37.0

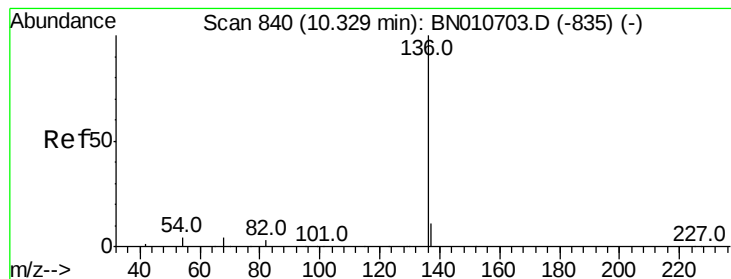


Abundance Ion 93.00 (92.70 to 93.70): BN0

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: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.1

Tot Ion:136 Resp: 14501

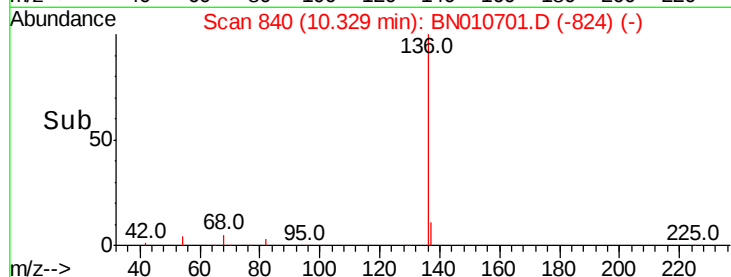
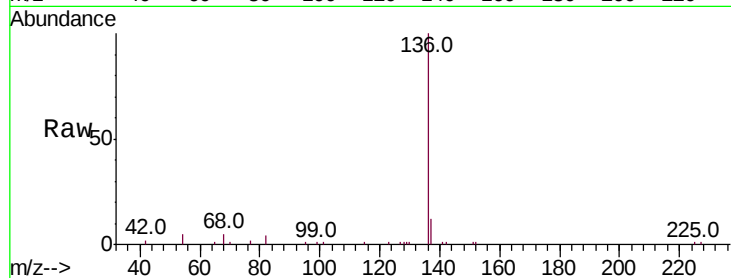
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 4.8 3.6 5.4

68 5.5 4.1 6.1

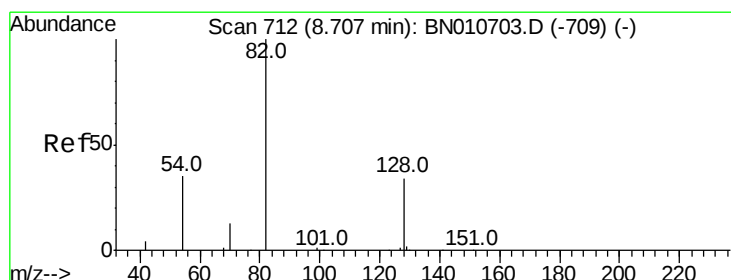
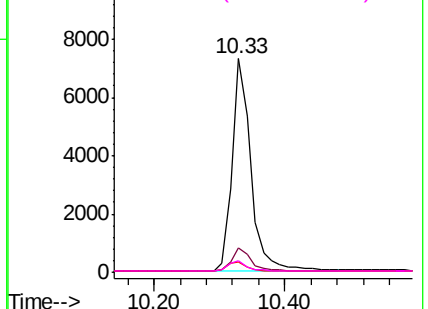


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.090 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

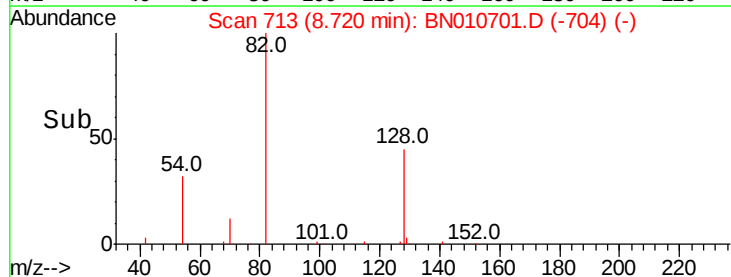
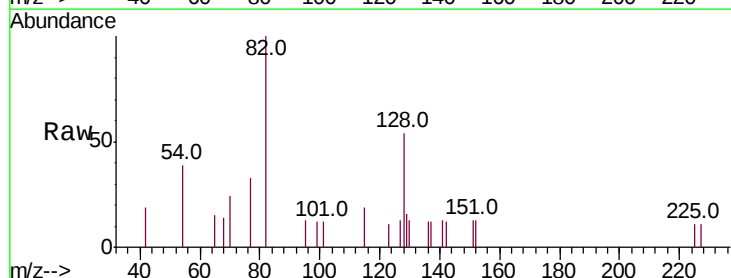
Tgt Ion: 82 Resp: 917

Ion Ratio Lower Upper

82 100

128 53.7 29.0 43.4#

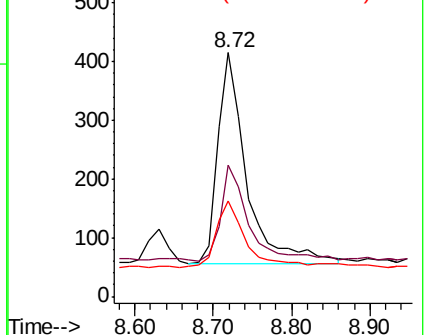
54 39.3 29.3 43.9

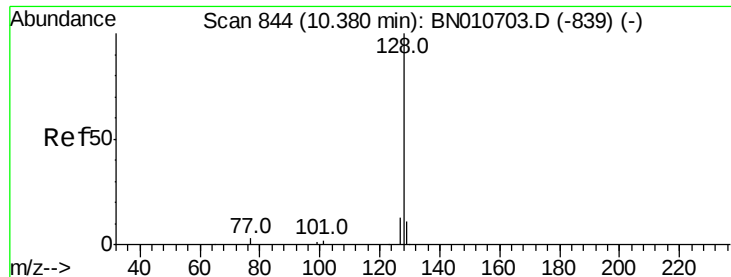


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.099 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.1

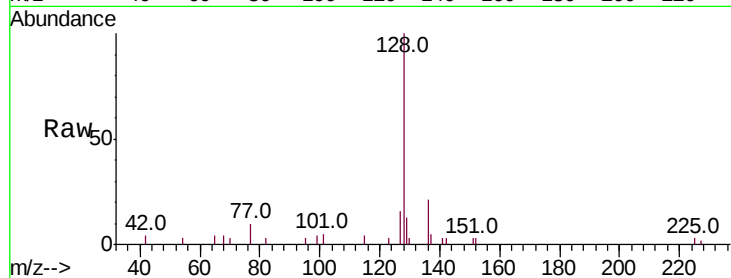
Tot Ion:128 Resp: 3548

Ion Ratio Lower Upper

128 100

129 13.5 9.3 13.9

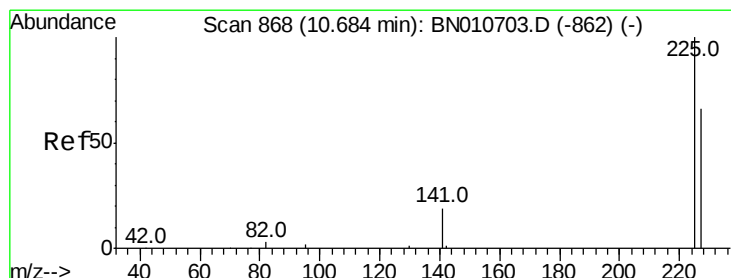
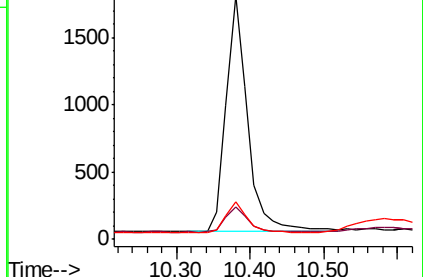
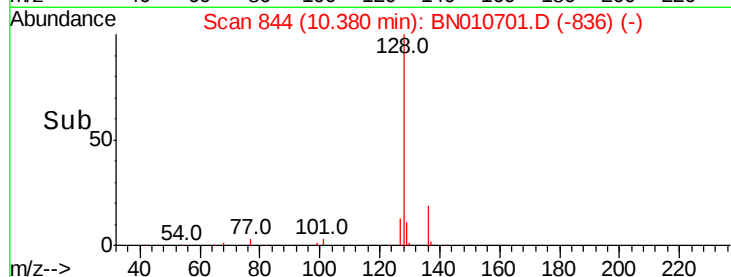
127 15.5 11.0 16.6



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: 0.098 ng

RT: 10.68 min Scan# 868

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

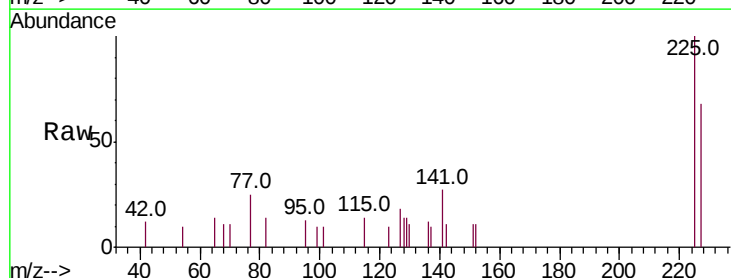
Tgt Ion:225 Resp: 852

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

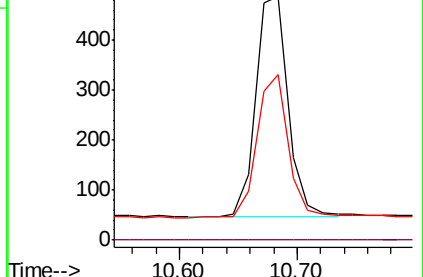
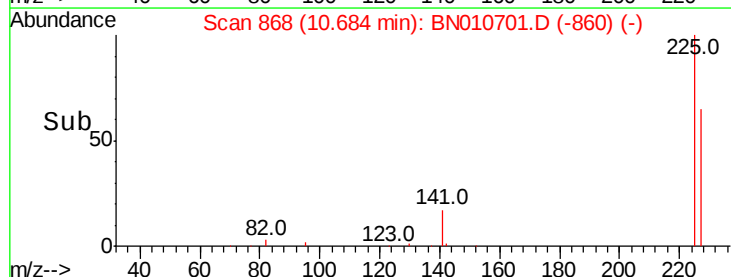
227 62.4 50.7 76.1

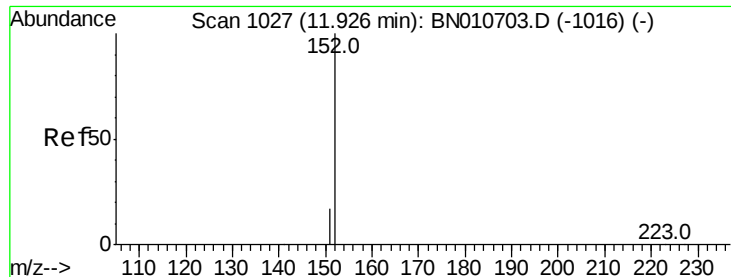


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

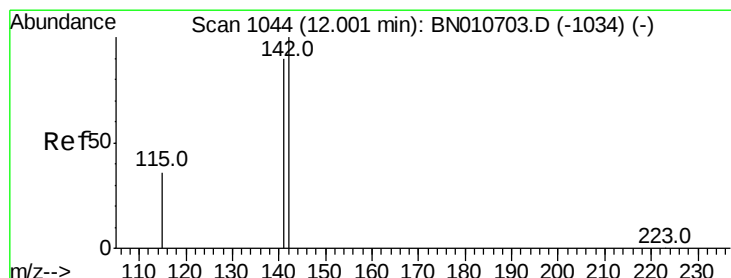
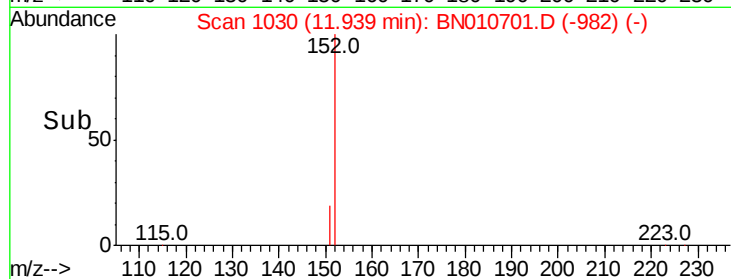
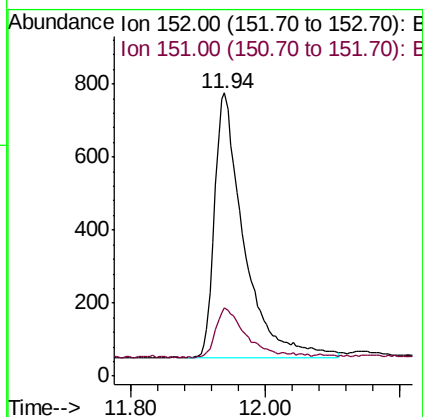
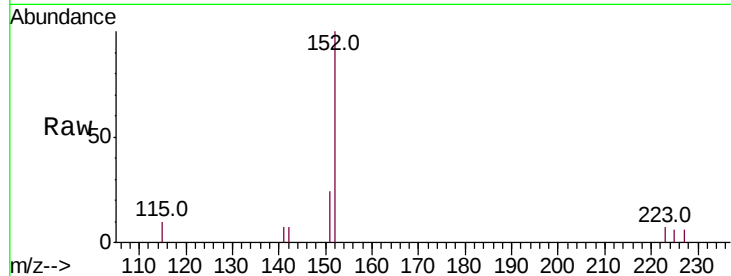




#11  
2-Methylnaphthalene-d10  
Concen: 0.093 ng  
RT: 11.94 min Scan# 1030  
Delta R.T. 0.01 min  
Lab File: BN010701.D  
Acq: 13 May 2020 10:10

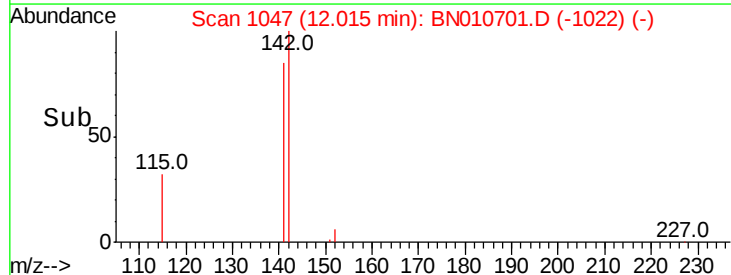
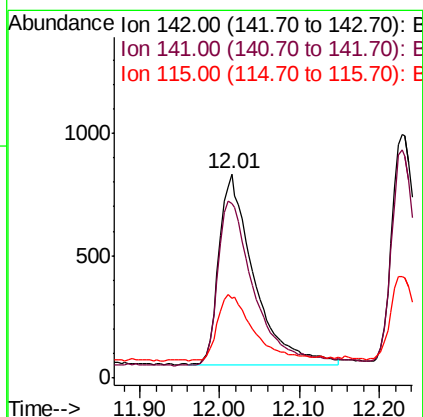
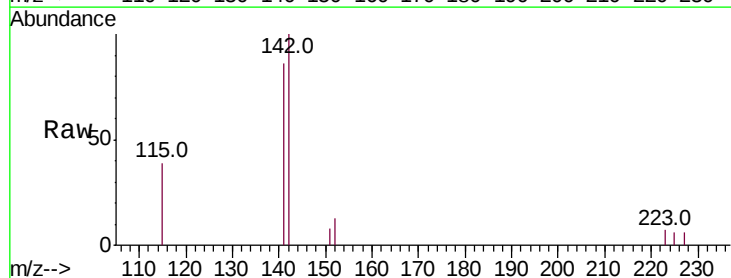
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

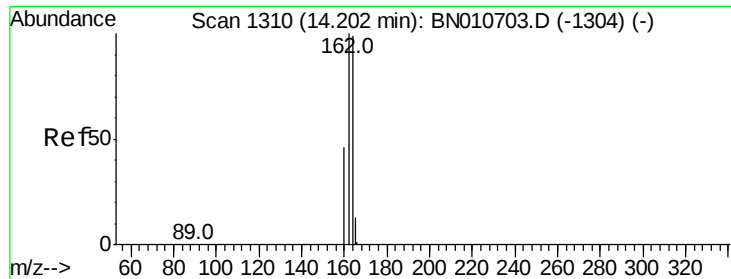
Tot Ion:152 Resp: 2220  
Ion Ratio Lower Upper  
152 100  
151 18.5 15.0 22.6



#12  
2-Methylnaphthalene  
Concen: 0.091 ng  
RT: 12.01 min Scan# 1047  
Delta R.T. 0.01 min  
Lab File: BN010701.D  
Acq: 13 May 2020 10:10

Tgt Ion:142 Resp: 2360  
Ion Ratio Lower Upper  
142 100  
141 85.8 71.7 107.5  
115 39.1 29.8 44.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.1

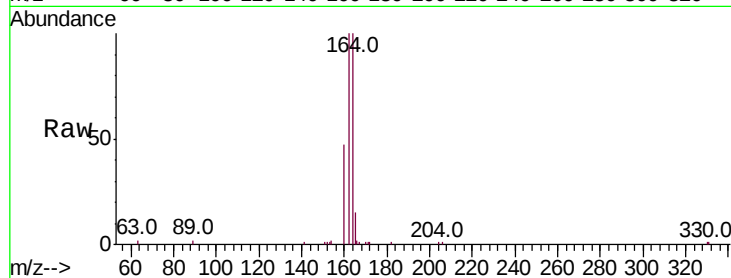
Tot Ion:164 Resp: 8710

Ion Ratio Lower Upper

164 100

162 100.1 81.1 121.7

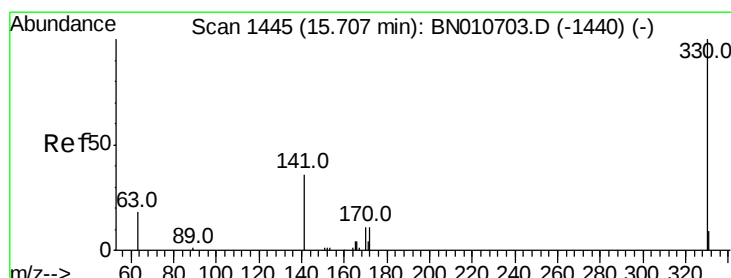
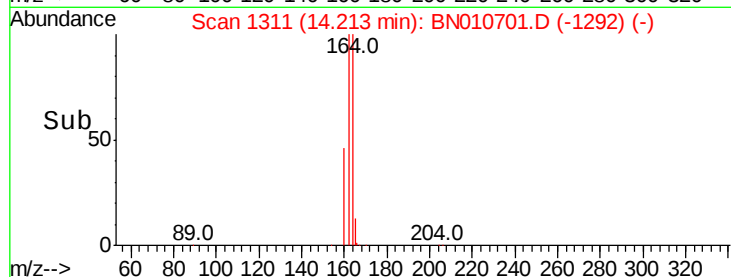
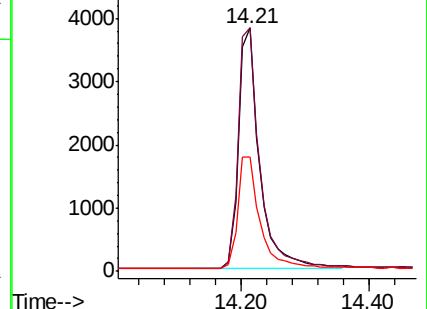
160 46.8 37.9 56.9



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: 0.058 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.02 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

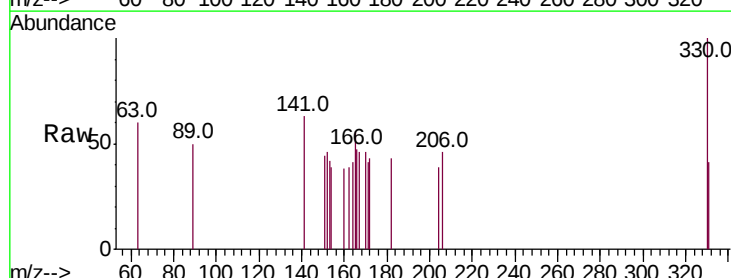
Tgt Ion:330 Resp: 240

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

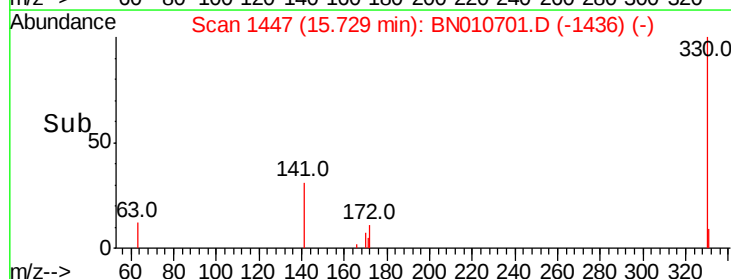
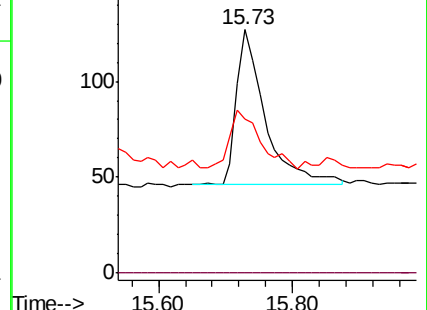
141 40.8 28.8 43.2

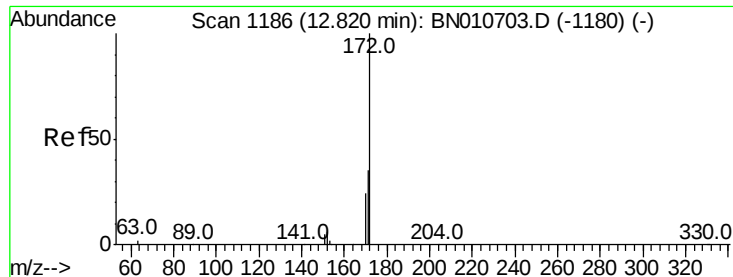


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

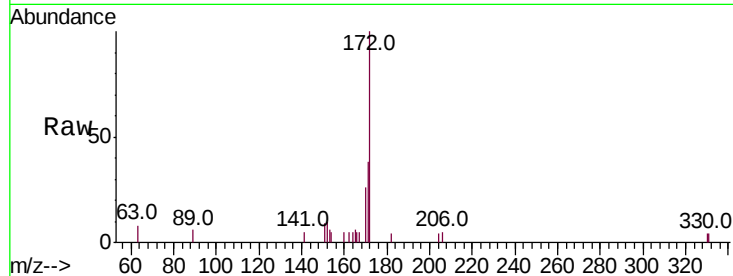




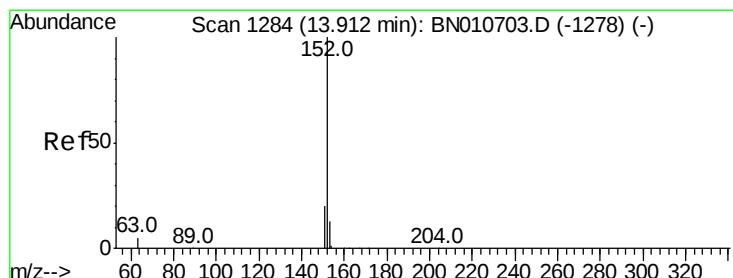
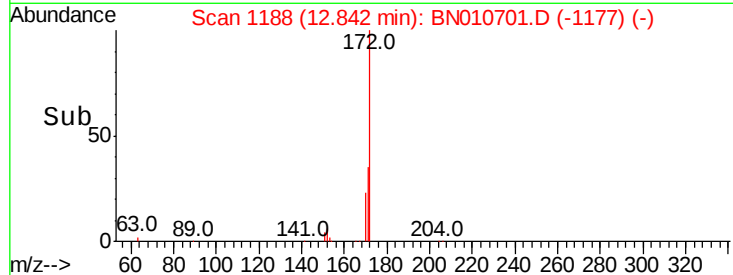
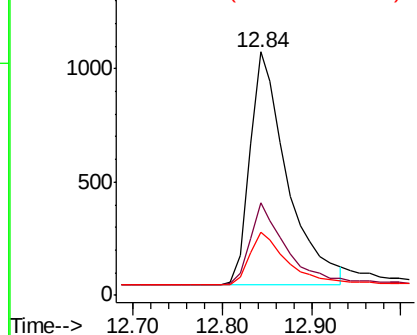
#15  
2-Fluorobiphenyl  
Concen: 0.095 ng  
RT: 12.84 min Scan# 1188  
Delta R.T. 0.02 min  
Lab File: BN010701.D  
Acq: 13 May 2020 10:10

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

Tot Ion:172 Resp: 2998  
Ion Ratio Lower Upper  
172 100  
171 38.0 28.6 42.8  
170 26.2 19.8 29.8

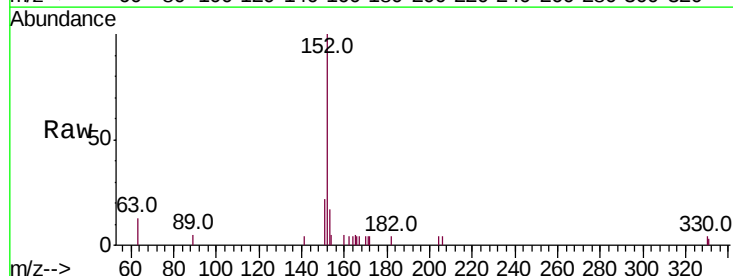


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

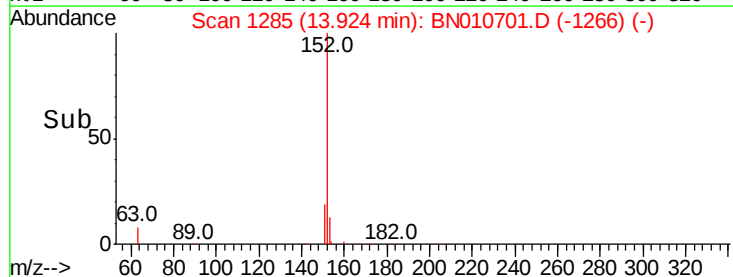
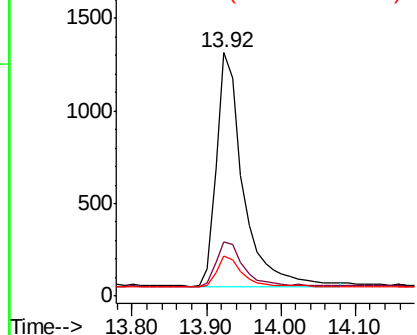


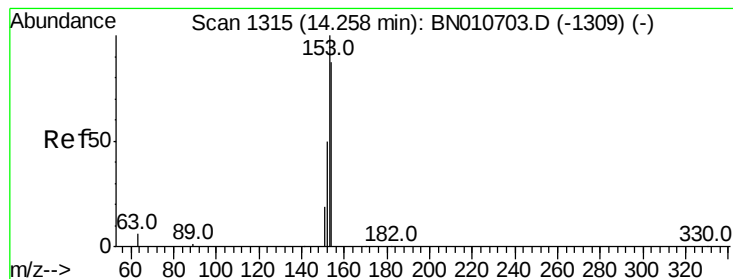
#16  
Acenaphthylene  
Concen: 0.084 ng  
RT: 13.92 min Scan# 1285  
Delta R.T. 0.01 min  
Lab File: BN010701.D  
Acq: 13 May 2020 10:10

Tgt Ion:152 Resp: 3162  
Ion Ratio Lower Upper  
152 100  
151 20.2 15.6 23.4  
153 13.0 10.4 15.6



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: 0.095 ng

RT: 14.27 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.1

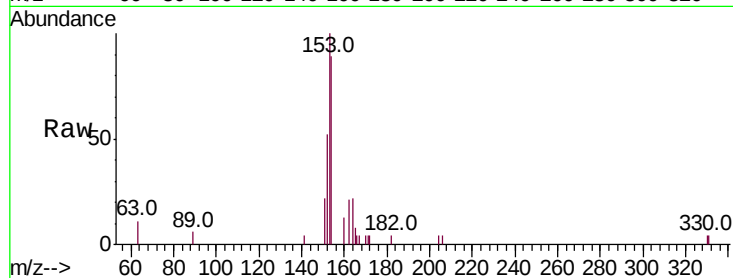
Tot Ion:154 Resp: 2296

Ion Ratio Lower Upper

154 100

153 117.8 91.5 137.3

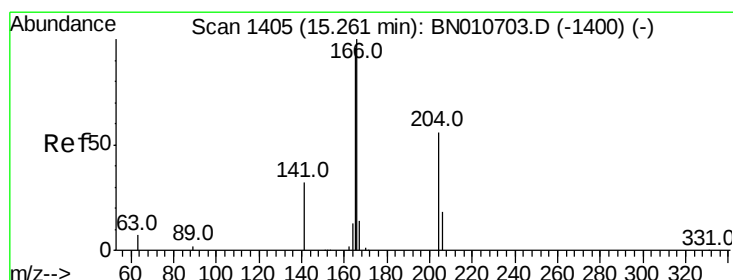
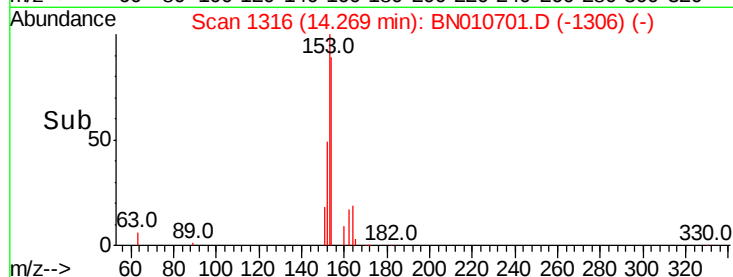
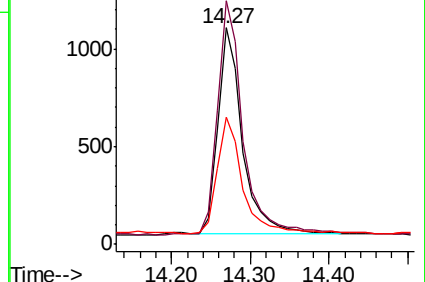
152 57.6 45.6 68.4



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: 0.093 ng

RT: 15.27 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

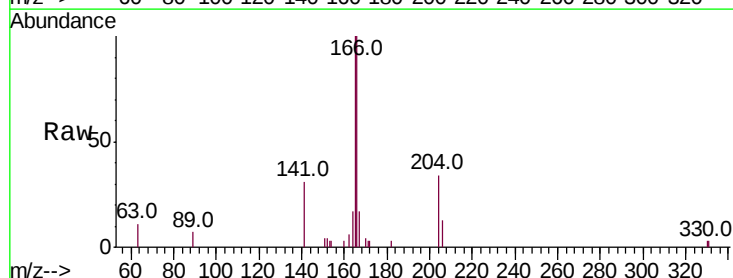
Tgt Ion:166 Resp: 2936

Ion Ratio Lower Upper

166 100

165 99.1 77.9 116.9

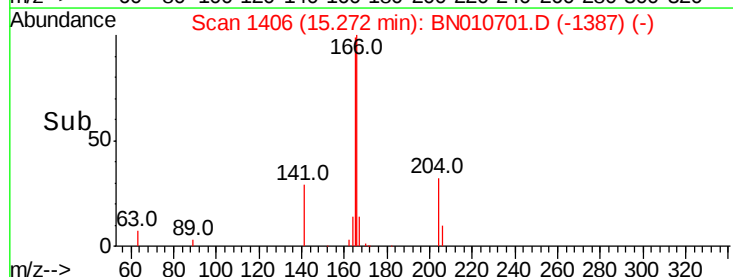
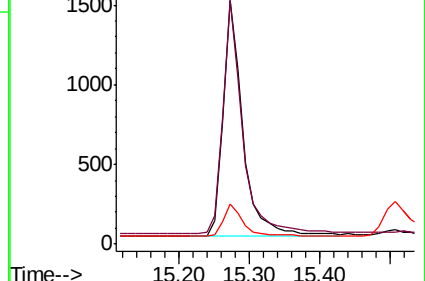
167 14.2 11.0 16.4

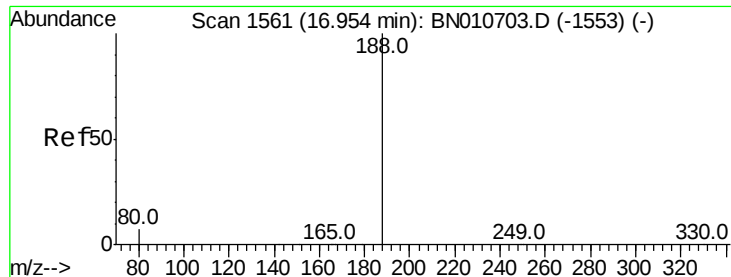


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.96 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.1

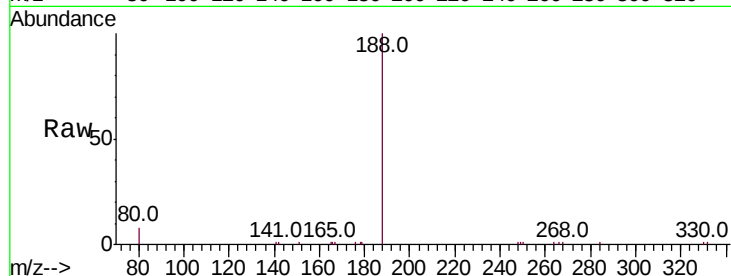
Tot Ion:188 Resp: 18212

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

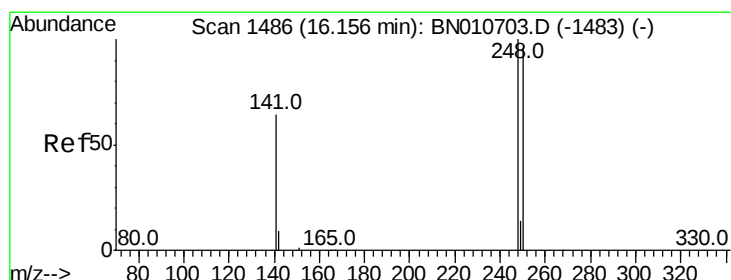
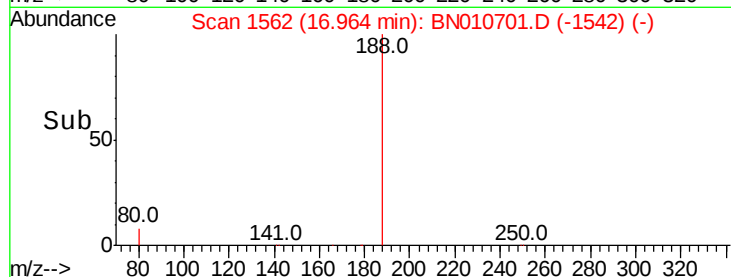
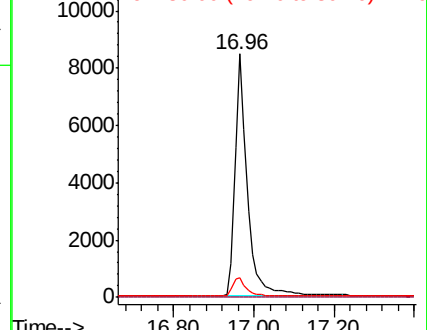
80 8.1 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.085 ng

RT: 16.18 min Scan# 1488

Delta R.T. 0.02 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

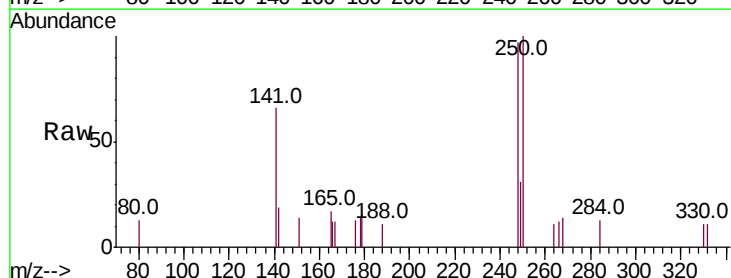
Tgt Ion:248 Resp: 857

Ion Ratio Lower Upper

248 100

250 102.9 77.4 116.0

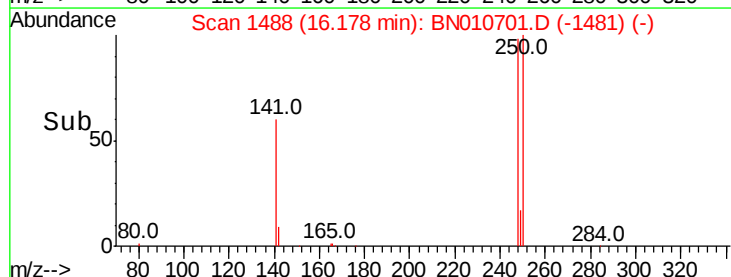
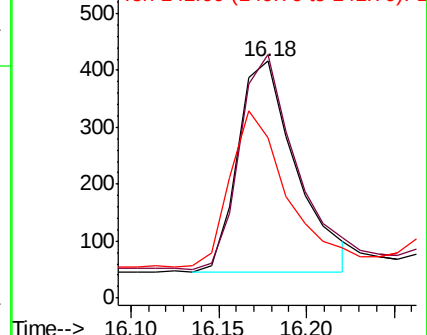
141 67.5 53.1 79.7

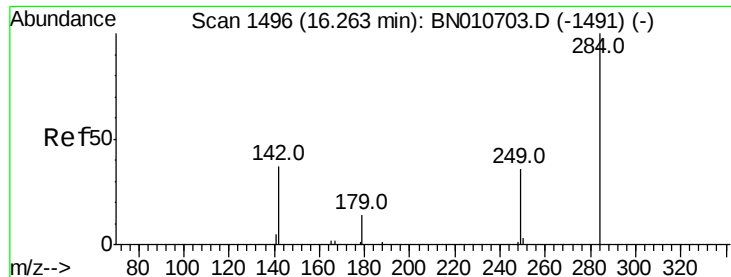


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

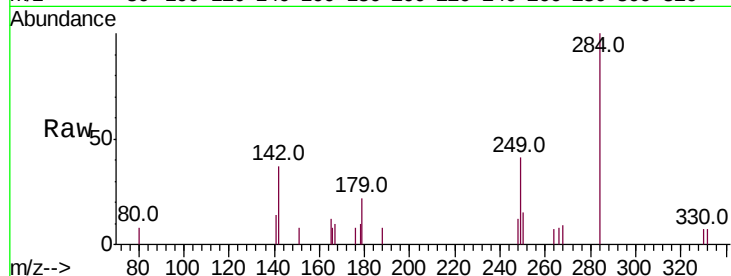




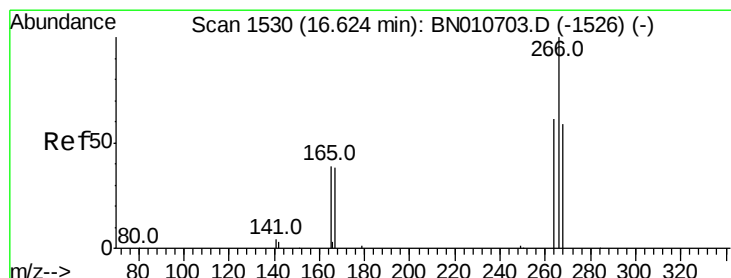
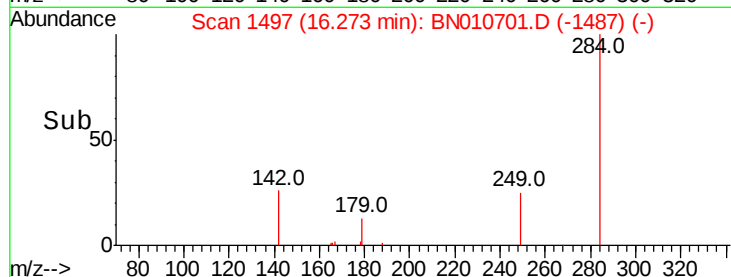
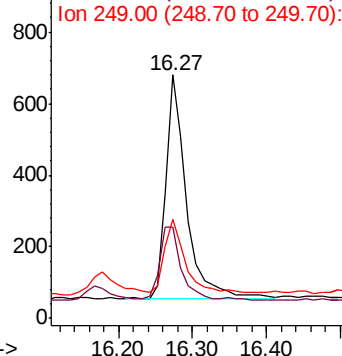
#21  
Hexachlorobenzene  
Concen: 0.106 ng  
RT: 16.27 min Scan# 1497  
Delta R.T. 0.01 min  
Lab File: BN010701.D  
Acq: 13 May 2020 10:10

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

Tot Ion:284 Resp: 1220  
Ion Ratio Lower Upper  
284 100  
142 32.5 28.2 42.2  
249 31.7 26.4 39.6

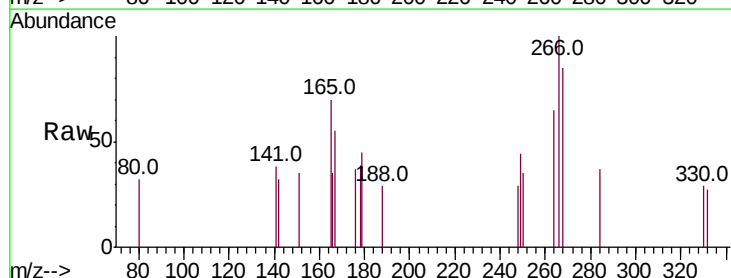


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

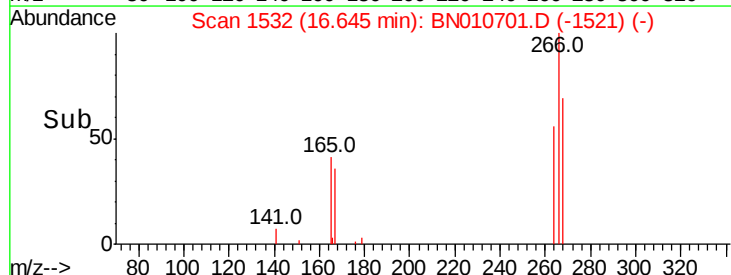
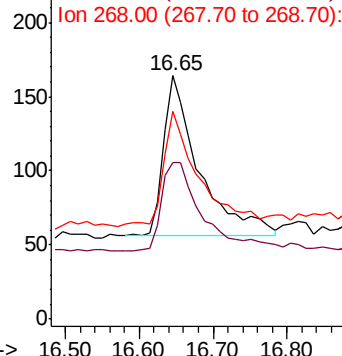


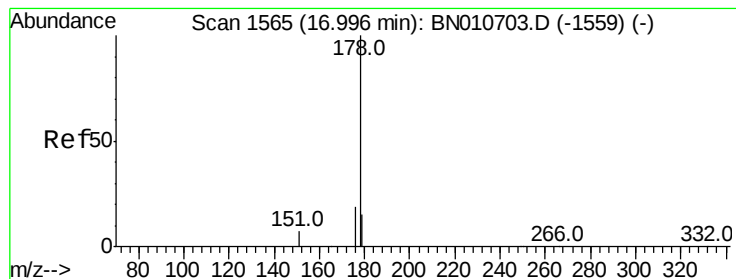
#22  
Pentachlorophenol  
Concen: 0.080 ng  
RT: 16.65 min Scan# 1532  
Delta R.T. 0.02 min  
Lab File: BN010701.D  
Acq: 13 May 2020 10:10

Tgt Ion:266 Resp: 364  
Ion Ratio Lower Upper  
266 100  
264 64.6 51.1 76.7  
268 85.4 52.1 78.1#



Abundance Ion 266.00 (265.70 to 266.70): E  
Ion 264.00 (263.70 to 264.70): E  
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.092 ng

RT: 17.01 min Scan# 1566

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.1

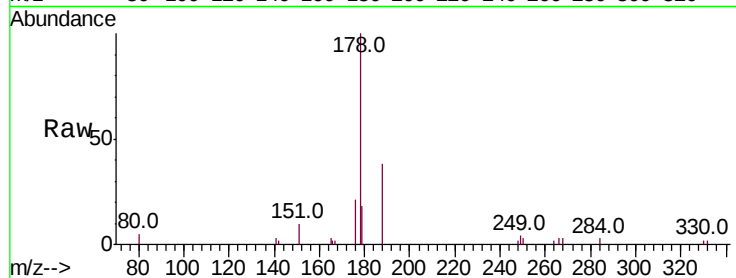
Tot Ion:178 Resp: 4533

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

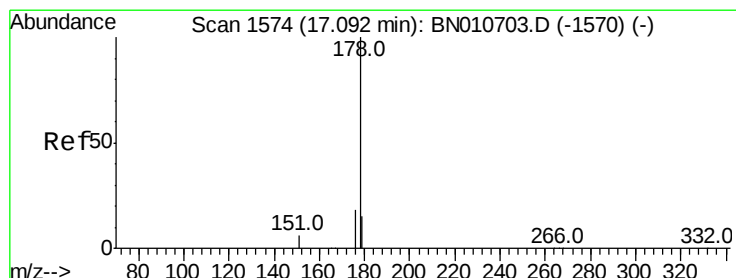
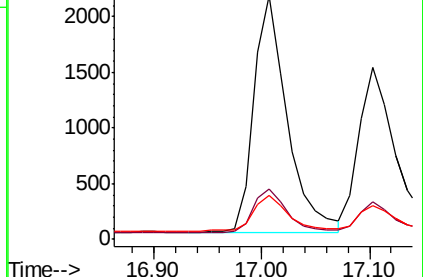
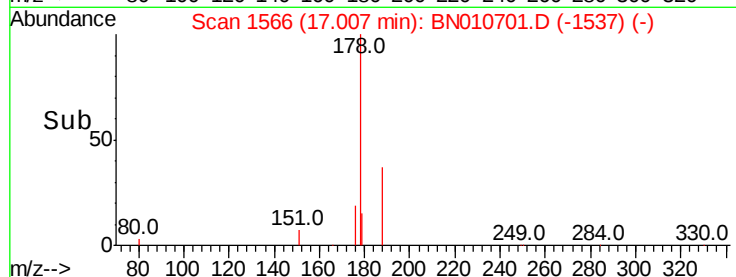
179 16.1 12.2 18.4



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



#24

Anthracene

Concen: 0.076 ng

RT: 17.10 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

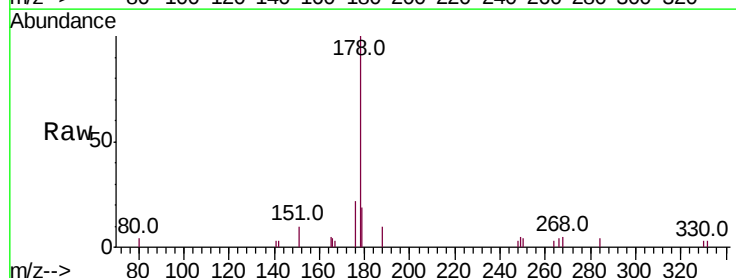
Tgt Ion:178 Resp: 3408

Ion Ratio Lower Upper

178 100

176 19.0 14.7 22.1

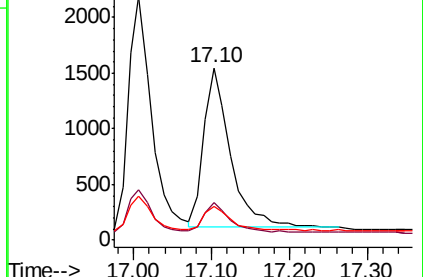
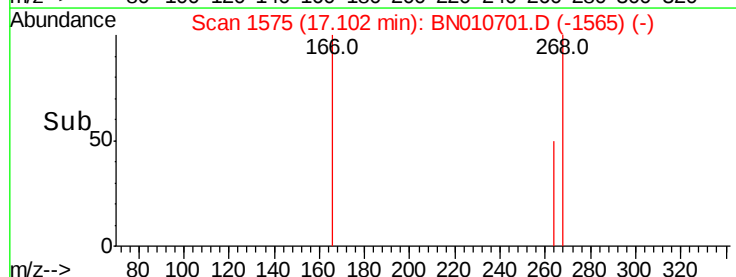
179 13.8 12.3 18.5

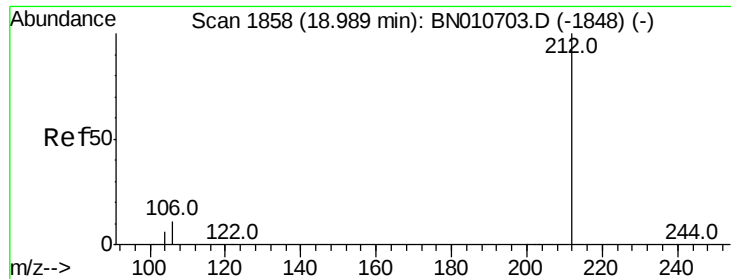


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.082 ng

RT: 19.00 min Scan# 1860

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.1

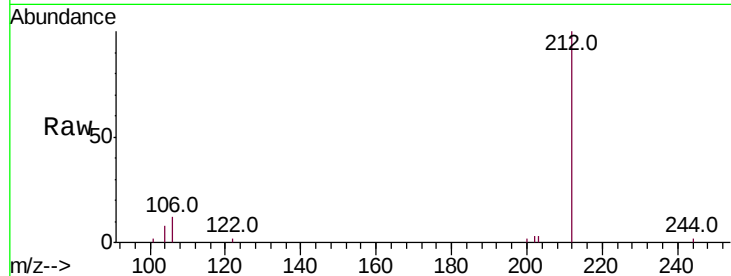
Tot Ion:212 Resp: 4516

Ion Ratio Lower Upper

212 100

106 10.0 8.2 12.2

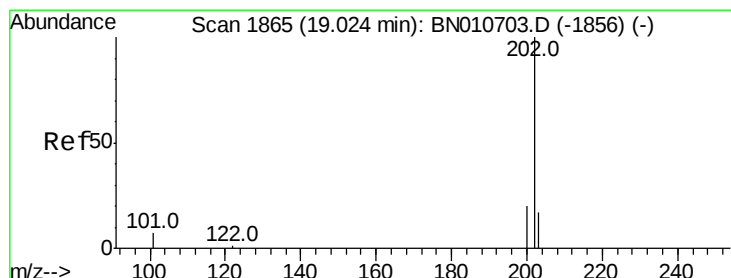
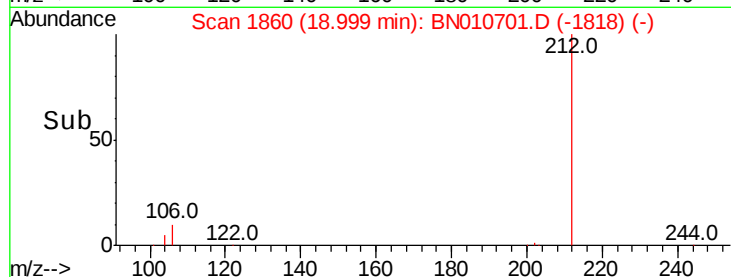
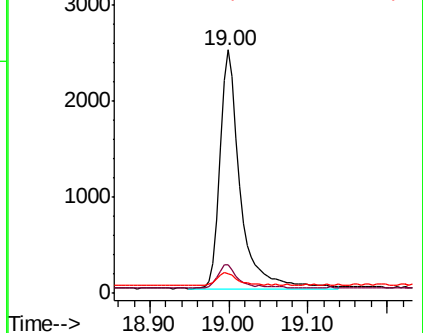
104 5.6 4.7 7.1



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.081 ng

RT: 19.03 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

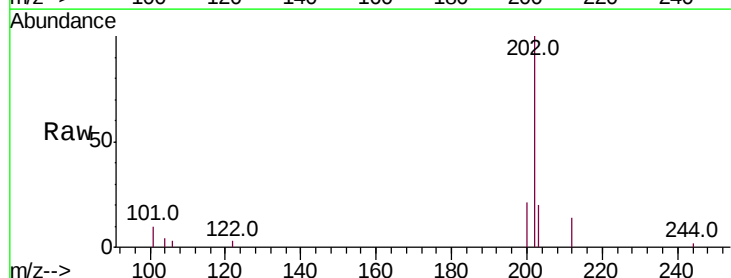
Tgt Ion:202 Resp: 4982

Ion Ratio Lower Upper

202 100

101 8.6 6.7 10.1

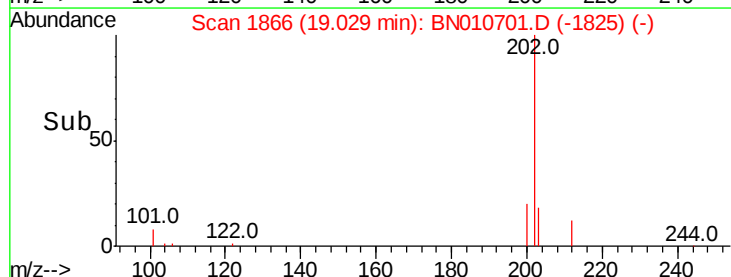
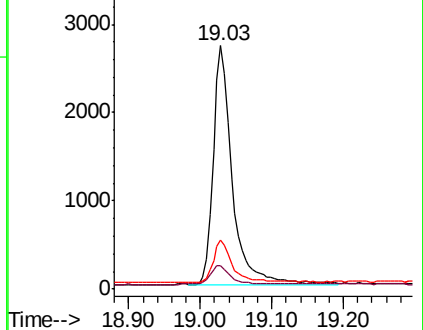
203 17.0 13.4 20.0

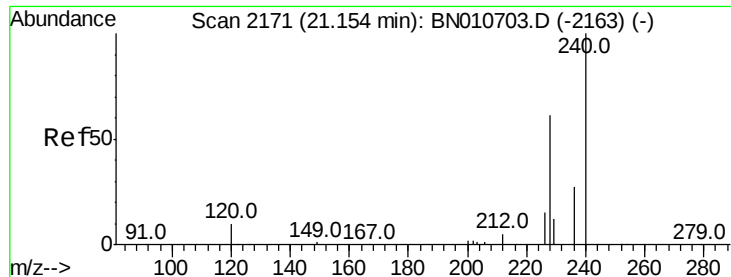


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.16 min Scan# 2172

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.1

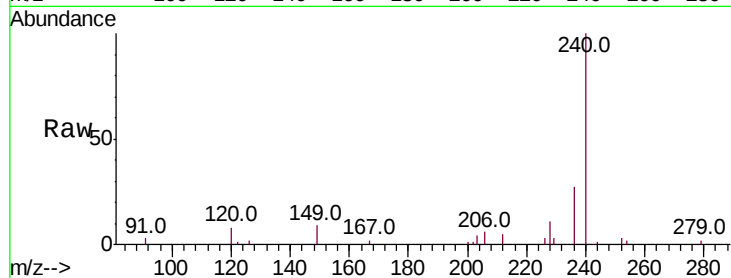
Tot Ion:240 Resp: 13465

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

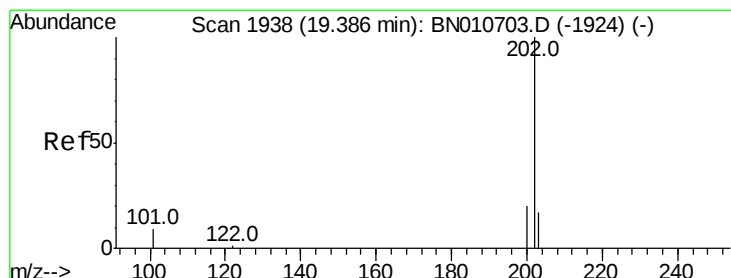
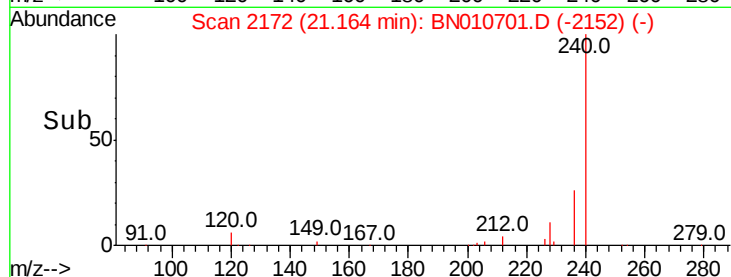
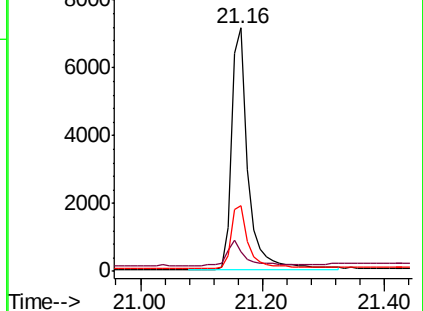
236 27.0 22.5 33.7



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



#28

Pyrene

Concen: 0.110 ng

RT: 19.39 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

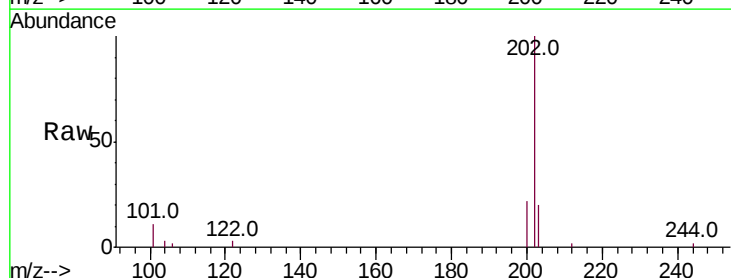
Tgt Ion:202 Resp: 4972

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.4

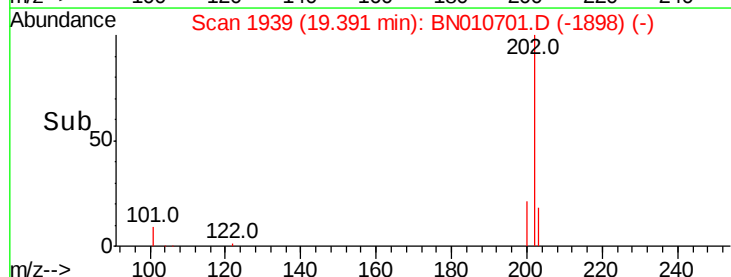
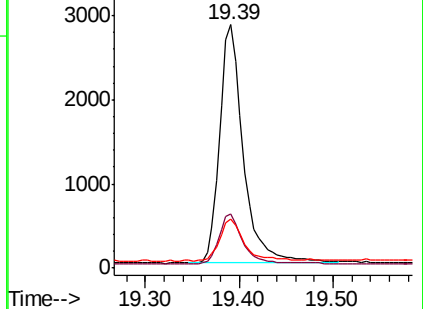
203 17.3 14.1 21.1

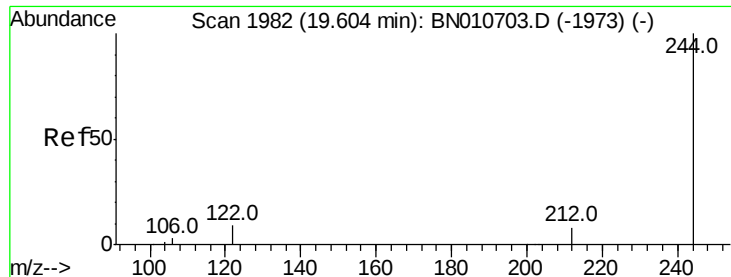


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.104 ng

RT: 19.61 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.1

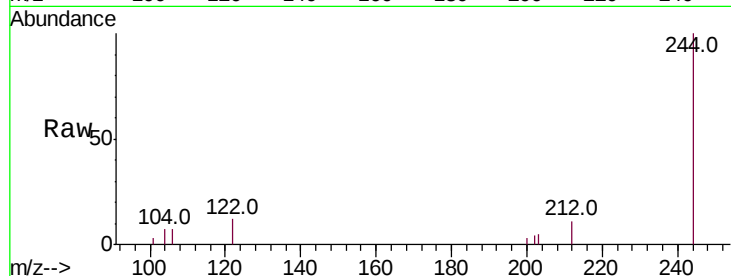
Tot Ion:244 Resp: 3213

Ion Ratio Lower Upper

244 100

212 10.7 6.8 10.2#

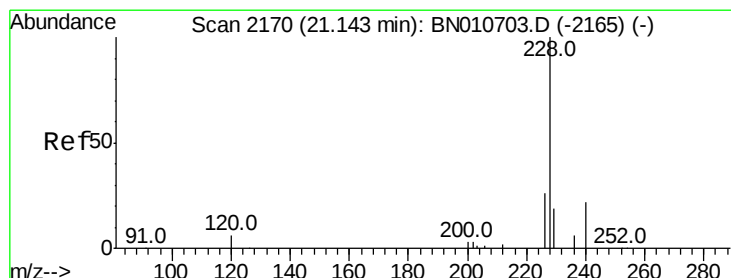
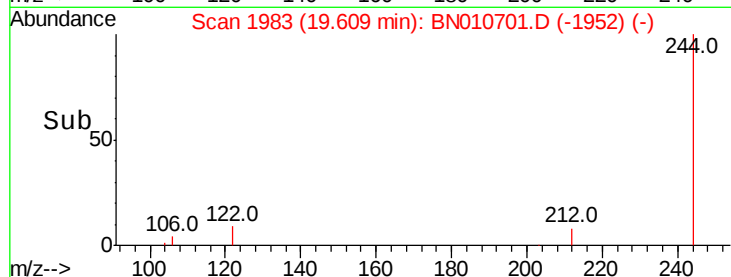
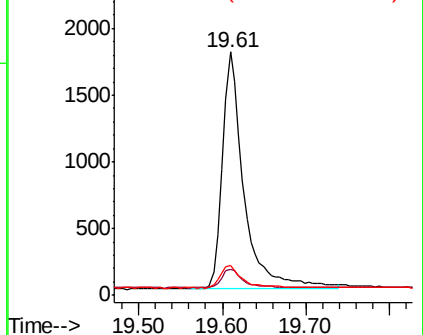
122 12.3 8.1 12.1#



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: 0.086 ng

RT: 21.14 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

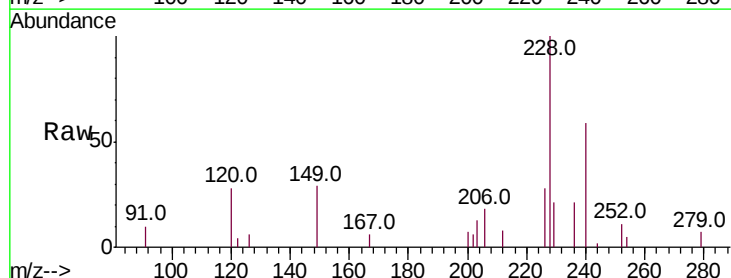
Tgt Ion:228 Resp: 3776

Ion Ratio Lower Upper

228 100

226 28.4 21.3 31.9

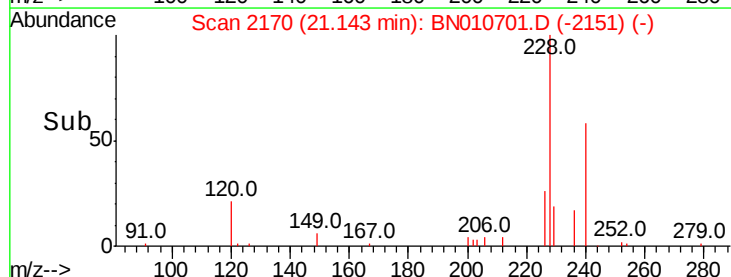
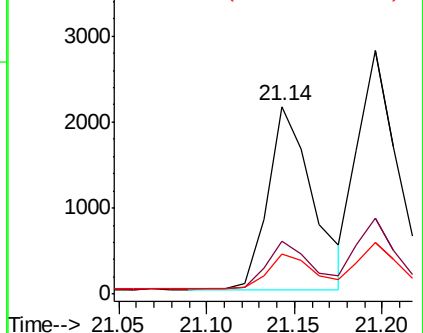
229 21.3 16.0 24.0

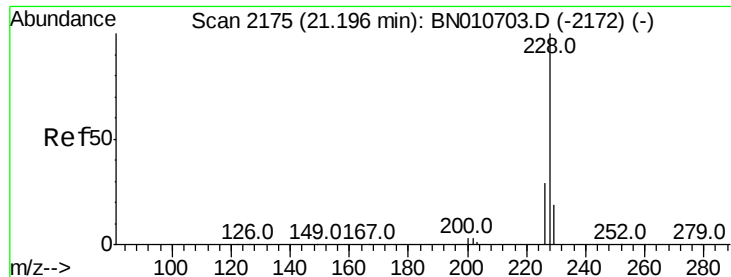


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.103 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

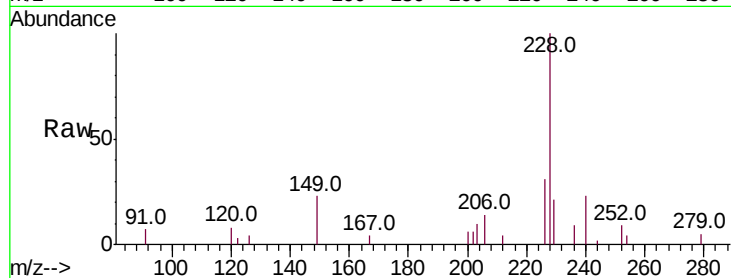
BNA\_N

ClientSampleId :

SSTDICC0.1

Tot Ion:228 Resp: 4517

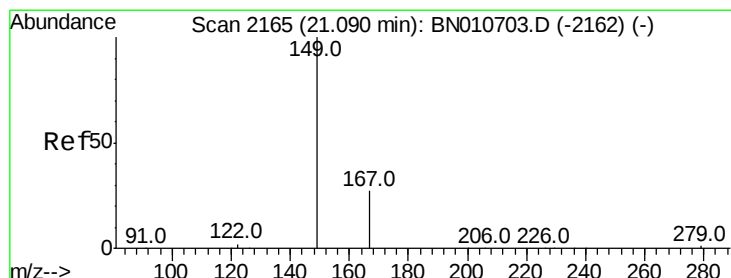
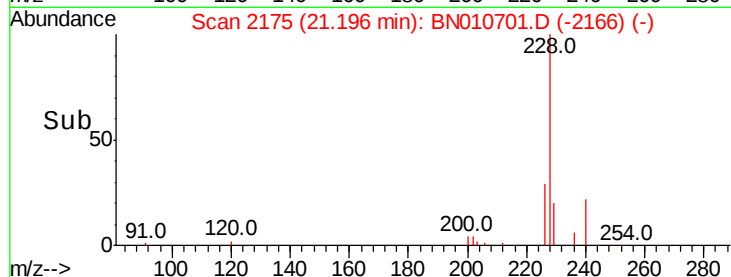
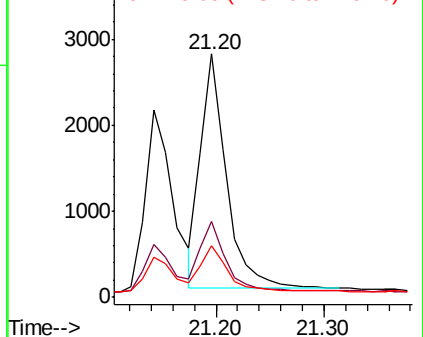
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.0  | 23.4  | 35.0  |
| 229 | 21.4  | 16.1  | 24.1  |



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.075 ng

RT: 21.09 min Scan# 2165

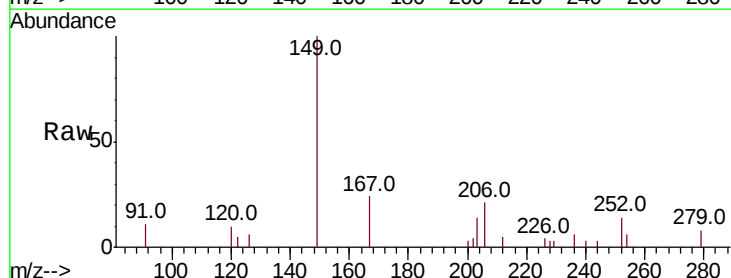
Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Tgt Ion:149 Resp: 1697

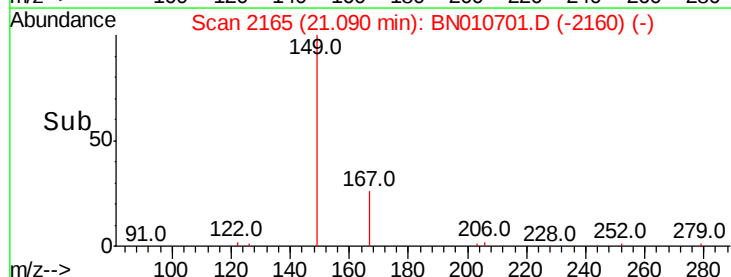
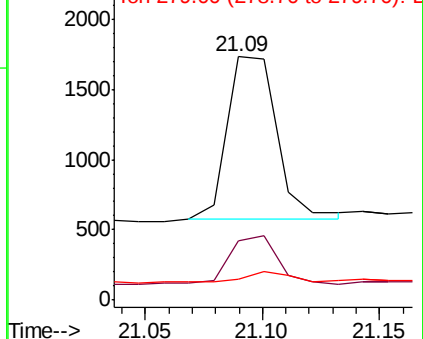
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.2  | 22.5  | 33.7  |
| 279 | 6.1   | 4.1   | 6.1#  |

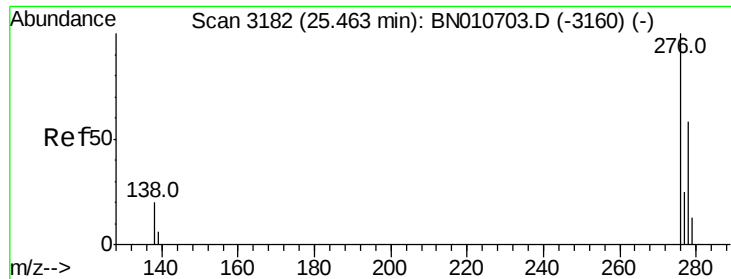


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.104 ng

RT: 25.48 min Scan# 3187

Delta R.T. 0.02 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.1

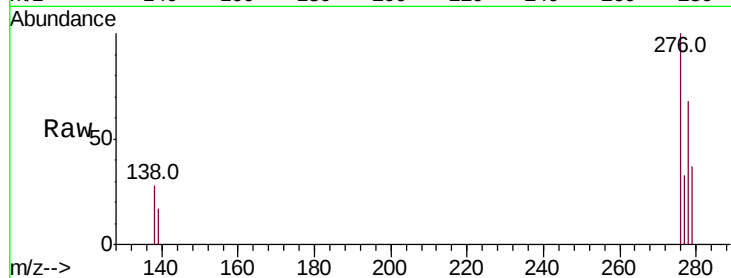
Tot Ion:276 Resp: 4025

Ion Ratio Lower Upper

276 100

138 17.6 15.1 22.7

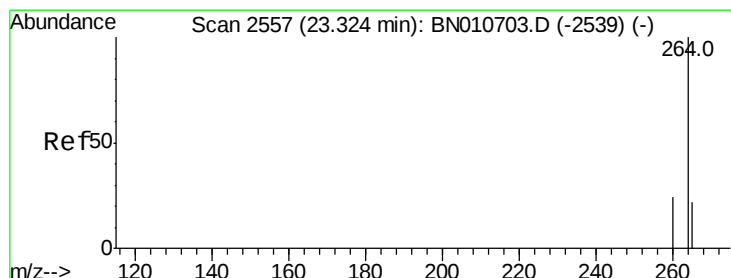
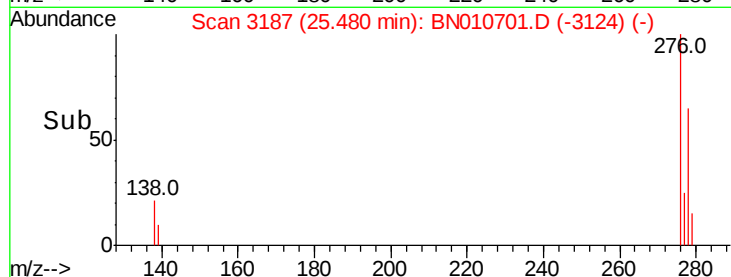
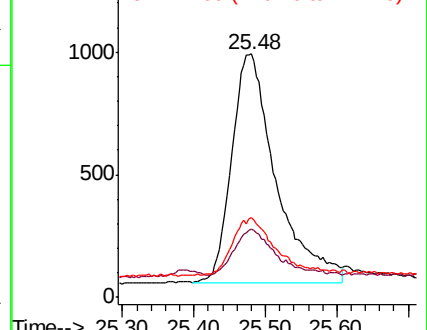
277 24.3 19.4 29.0



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.32 min Scan# 2557

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

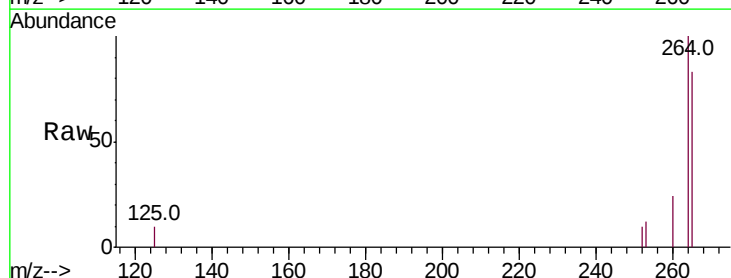
Tgt Ion:264 Resp: 12746

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

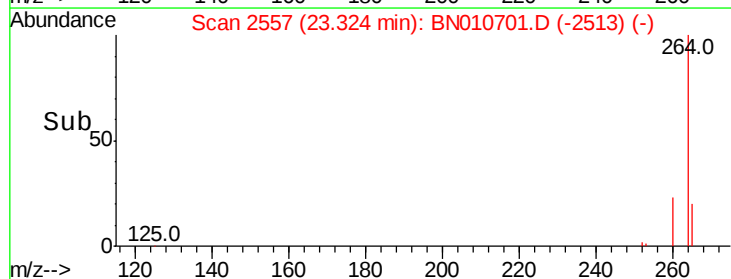
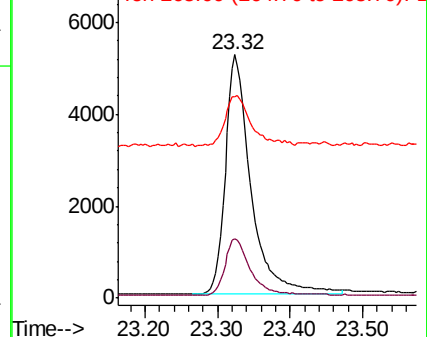
265 82.7 70.1 105.1

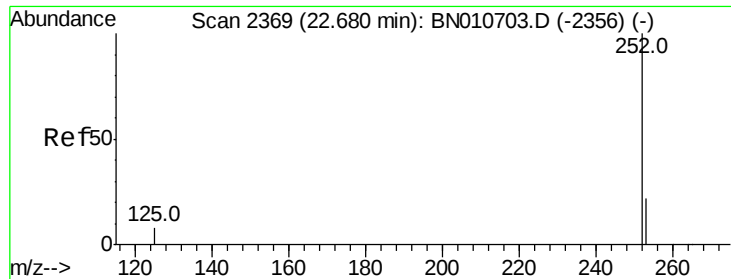


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

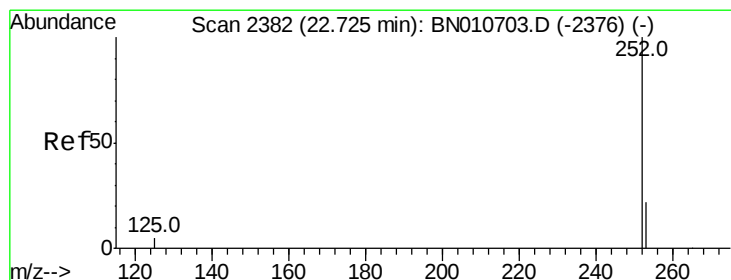
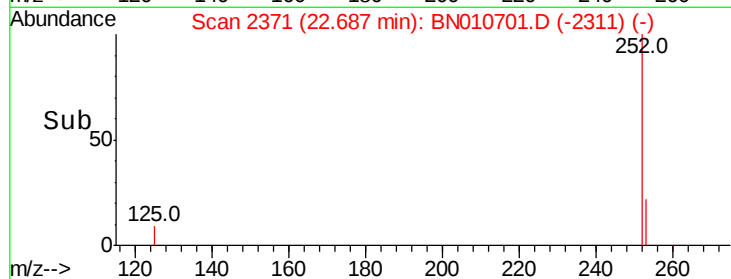
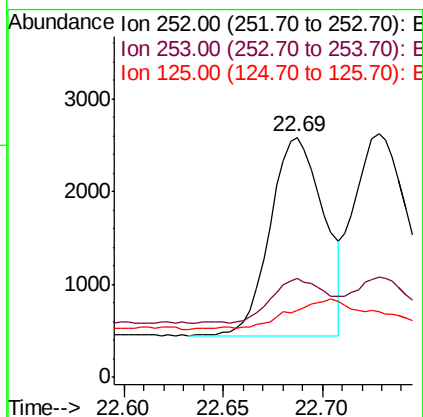
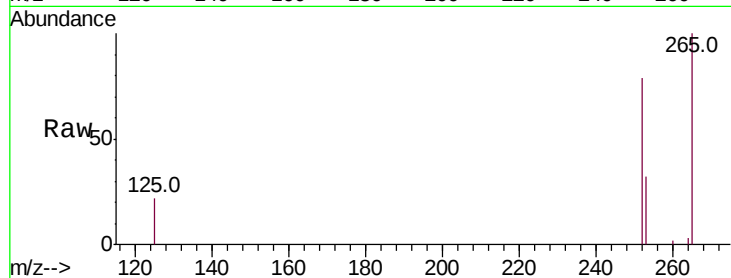




#35  
Benzo(b)fluoranthene  
Concen: 0.096 ng  
RT: 22.69 min Scan# 2371  
Delta R.T. 0.01 min  
Lab File: BN010701.D  
Acq: 13 May 2020 10:10

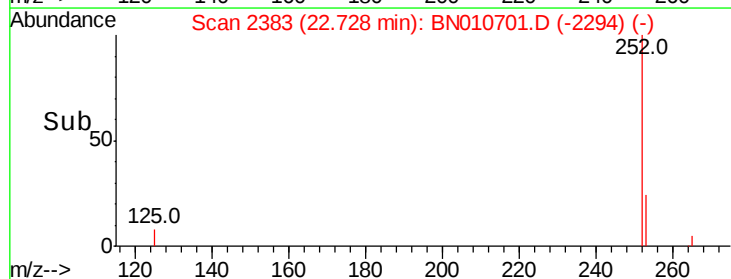
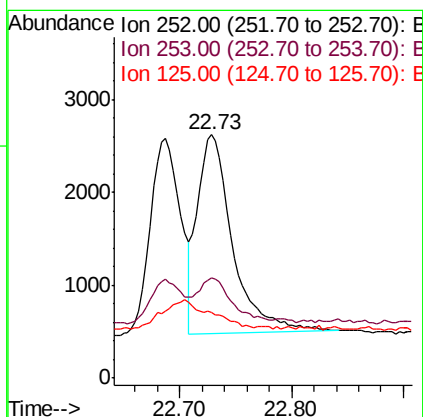
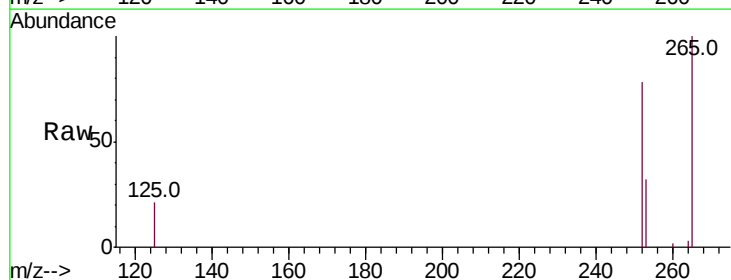
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

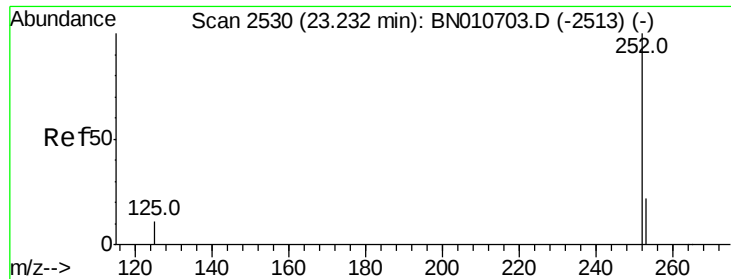
Tot Ion:252 Resp: 4038  
Ion Ratio Lower Upper  
252 100  
253 41.2 22.0 33.0#  
125 28.0 10.8 16.2#



#36  
Benzo(k)fluoranthene  
Concen: 0.111 ng  
RT: 22.73 min Scan# 2383  
Delta R.T. 0.00 min  
Lab File: BN010701.D  
Acq: 13 May 2020 10:10

Tgt Ion:252 Resp: 4669  
Ion Ratio Lower Upper  
252 100  
253 41.4 21.9 32.9#  
125 27.1 11.1 16.7#





#37

Benzo(a)pyrene

Concen: 0.094 ng

RT: 23.24 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.1

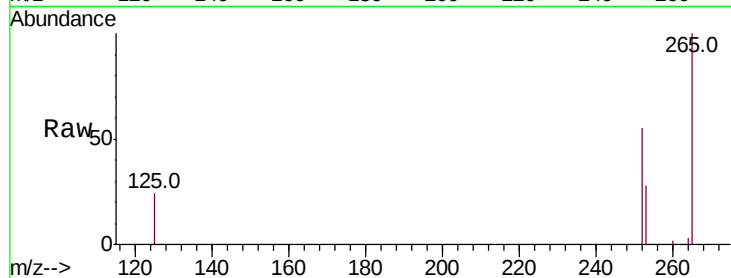
Tot Ion:252 Resp: 3490

Ion Ratio Lower Upper

252 100

253 51.2 24.8 37.2#

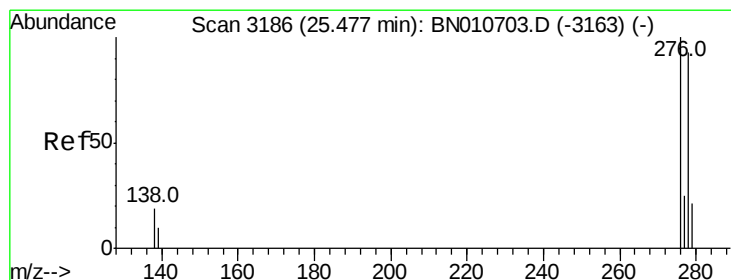
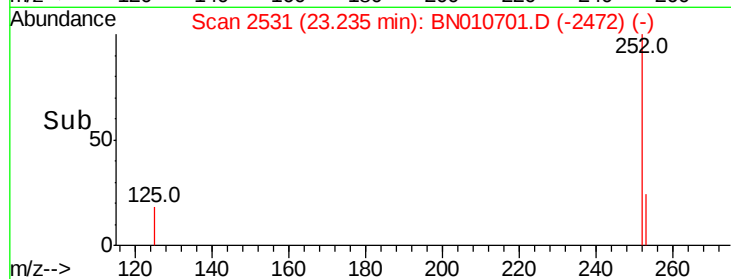
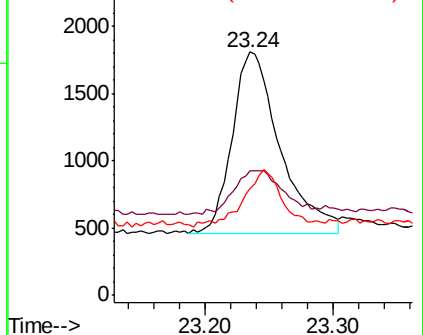
125 43.6 15.8 23.6#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.089 ng

RT: 25.49 min Scan# 3190

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

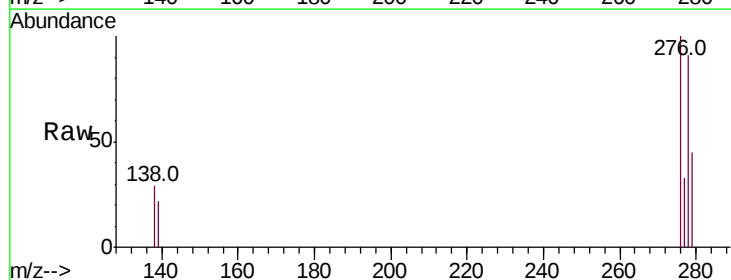
Tgt Ion:278 Resp: 3015

Ion Ratio Lower Upper

278 100

139 23.6 13.0 19.4#

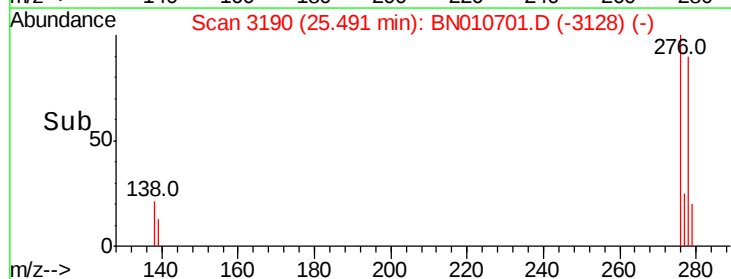
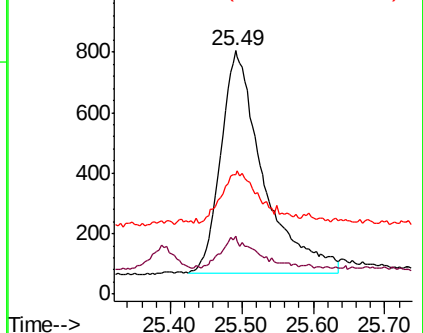
279 49.3 25.1 37.7#

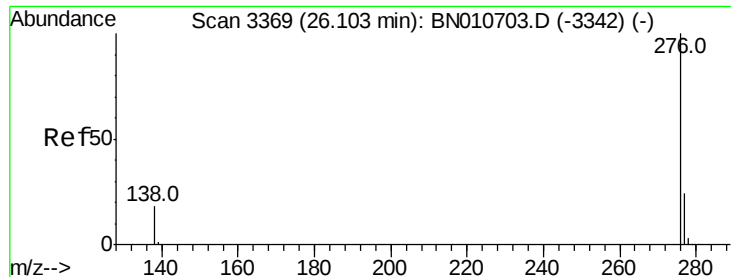


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.113 ng

RT: 26.11 min Scan# 3371

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.1

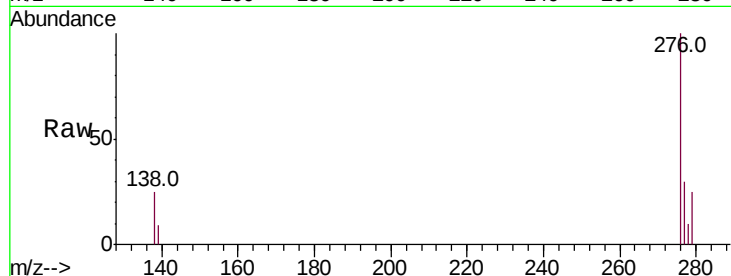
Tot Ion:276 Resp: 3849

Ion Ratio Lower Upper

276 100

277 30.2 20.6 30.8

138 24.9 16.0 24.0#



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

