

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN043020\  
 Data File : BN010680.D  
 Acq On : 30 Apr 2020 18:39  
 Operator : CG/JU  
 Sample : L2423-08  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 WB-10-2

Quant Time: Apr 30 19:12:54 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 30 11:18:31 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.58  | 152  | 3790     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.33 | 136  | 16288    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.20 | 164  | 11557    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.95 | 188  | 23329    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.16 | 240  | 19398    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.32 | 264  | 17202    | 0.40 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.23  | 112  | 1052     | 0.13 | ng    | 0.00     |
| 5) Phenol-d6                | 6.78  | 99   | 844      | 0.08 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.72  | 82   | 3218     | 0.28 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 11.93 | 152  | 7141     | 0.27 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.71 | 330  | 1932     | 0.35 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 12.82 | 172  | 12469    | 0.30 | ng    | 0.00     |
| 25) Fluoranthene-d10        | 18.99 | 212  | 21533    | 0.30 | ng    | 0.00     |
| 29) Terphenyl-d14           | 19.60 | 244  | 29570    | 0.67 | ng    | 0.00     |

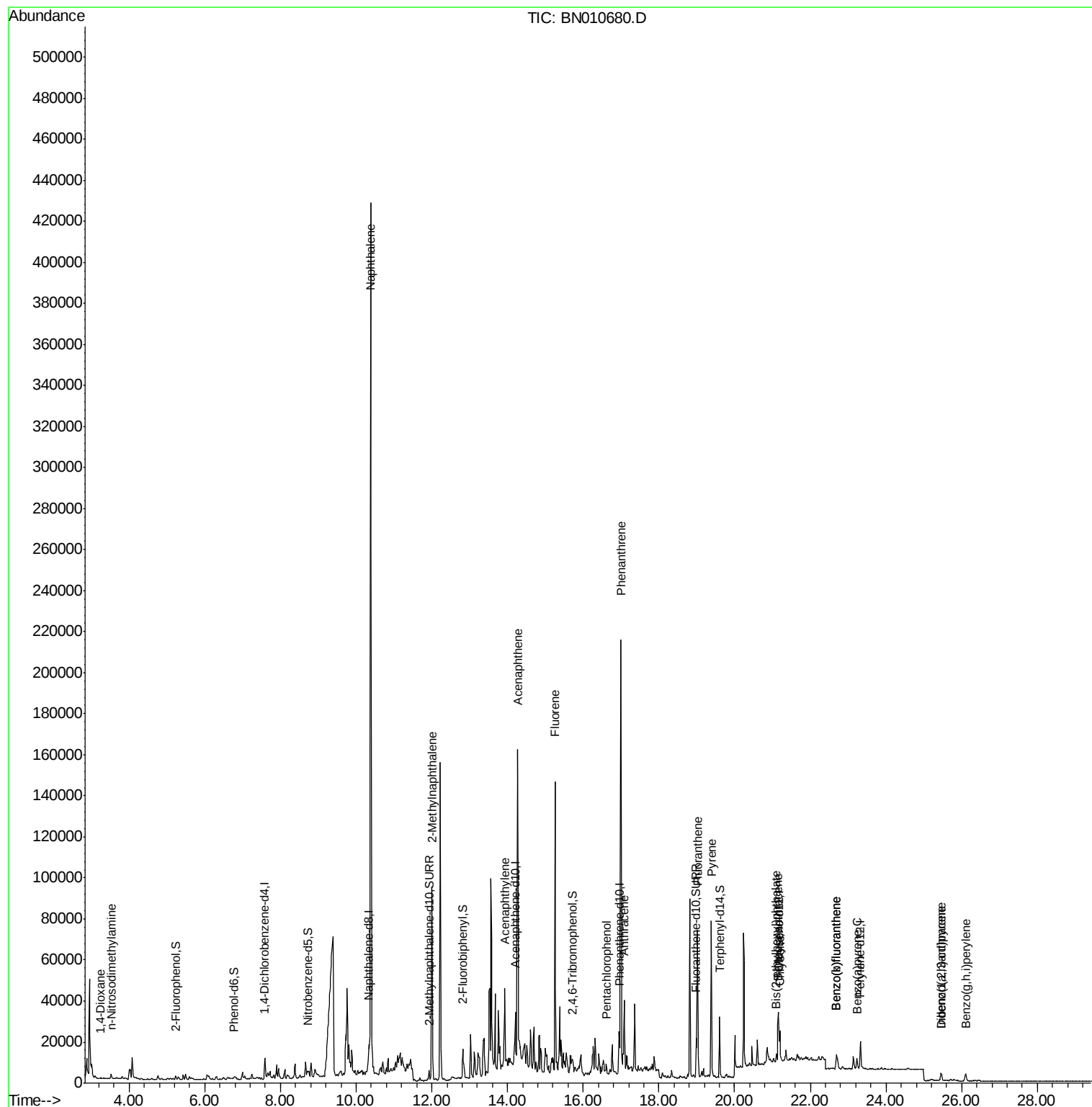
| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.25  | 88   | 90       | 0.032  | ng    | # 1    |
| 3) n-Nitrosodimethylamine      | 3.52  | 42   | 401      | 0.222  | ng    | # 1    |
| 9) Naphthalene                 | 10.38 | 128  | 527658   | 13.044 | ng    | 99     |
| 12) 2-Methylnaphthalene        | 12.00 | 142  | 66206    | 2.278  | ng    | 100    |
| 16) Acenaphthylene             | 13.92 | 152  | 24565    | 0.492  | ng    | # 66   |
| 17) Acenaphthene               | 14.27 | 154  | 91220    | 2.843  | ng    | 99     |
| 18) Fluorene                   | 15.26 | 166  | 94279    | 2.244  | ng    | 99     |
| 22) Pentachlorophenol          | 16.61 | 266  | 1299     | 0.223  | ng    | 97     |
| 23) Phenanthrene               | 17.00 | 178  | 237236   | 3.765  | ng    | 100    |
| 24) Anthracene                 | 17.08 | 178  | 32910    | 0.571  | ng    | # 90   |
| 26) Fluoranthene               | 19.02 | 202  | 63566    | 0.811  | ng    | 99     |
| 28) Pyrene                     | 19.39 | 202  | 69255    | 1.061  | ng    | 97     |
| 30) Benzo(a)anthracene         | 21.14 | 228  | 13054    | 0.206  | ng    | # 93   |
| 31) Chrysene                   | 21.20 | 228  | 13652    | 0.217  | ng    | # 94   |
| 32) Bis(2-ethylhexyl)phthalate | 21.10 | 149  | 3072     | 0.095  | ng    | # 99   |
| 33) Indeno(1,2,3-cd)pyrene     | 25.45 | 276  | 5792     | 0.104  | ng    | 98     |
| 35) Benzo(b)fluoranthene       | 22.69 | 252  | 11774    | 0.208  | ng    | # 77   |
| 36) Benzo(k)fluoranthene       | 22.69 | 252  | 11774    | 0.207  | ng    | # 77   |
| 37) Benzo(a)pyrene             | 23.23 | 252  | 6649     | 0.133  | ng    | # 70   |
| 38) Dibenzo(a,h)anthracene     | 25.47 | 278  | 1683     | 0.037  | ng    | # 15   |
| 39) Benzo(g,h,i)perylene       | 26.10 | 276  | 7027     | 0.152  | ng    | # 91   |

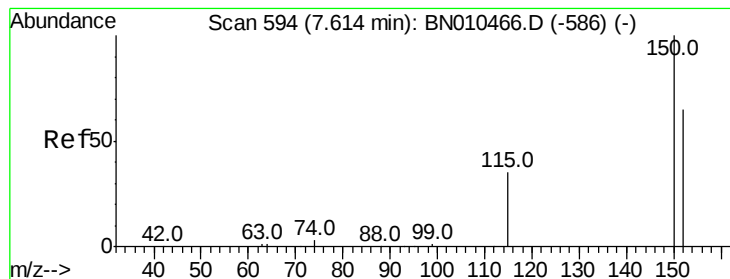
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 30 11:18:31 2020  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.58 min Scan# 590

Delta R.T. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

Instrument :

BNA\_N

ClientSampleId :

WB-10-2

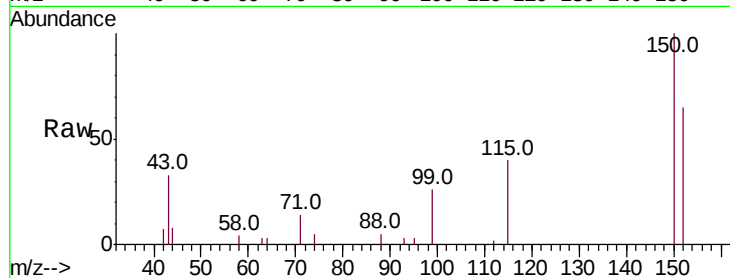
Tot Ion:152 Resp: 3790

Ion Ratio Lower Upper

152 100

150 153.7 121.8 182.6

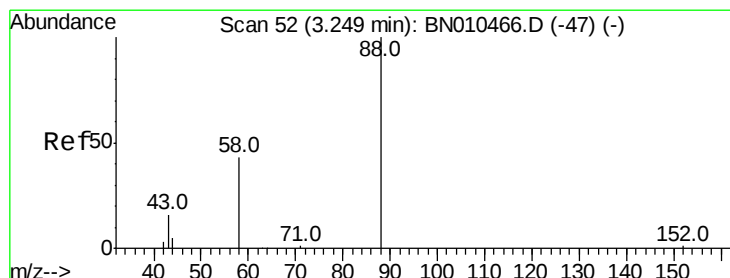
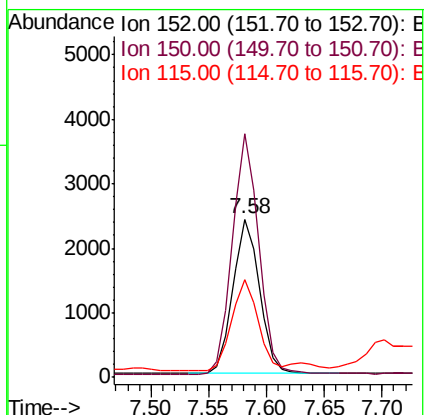
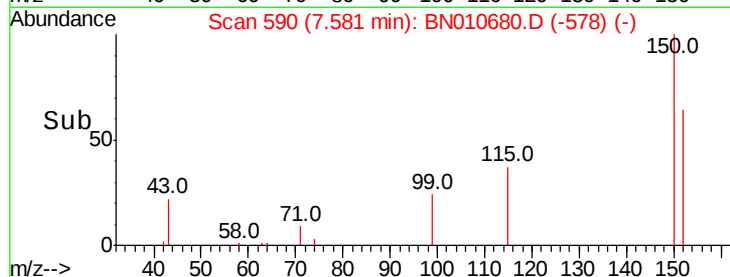
115 61.9 45.5 68.3



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: 0.032 ng

RT: 3.25 min Scan# 52

Delta R.T. 0.01 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

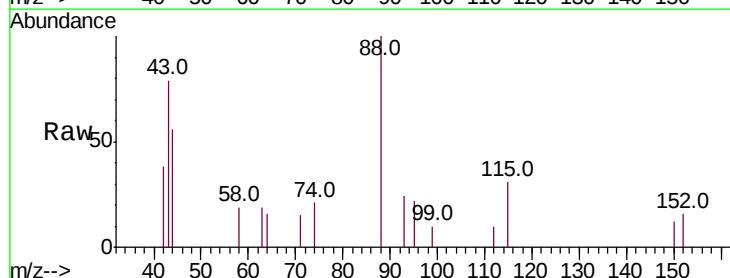
Tgt Ion: 88 Resp: 90

Ion Ratio Lower Upper

88 100

58 35.6 36.5 54.7#

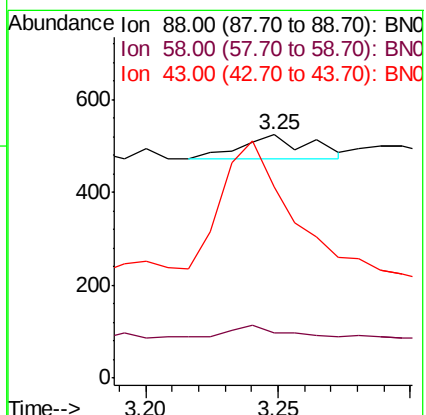
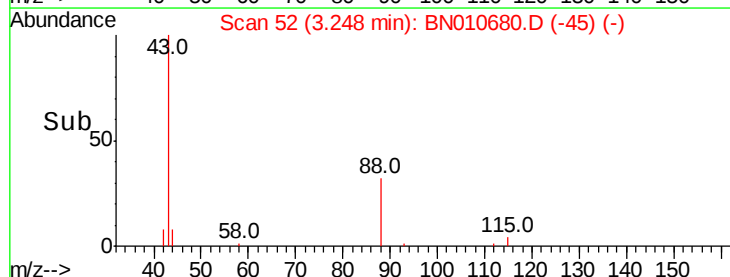
43 522.2 13.2 19.8#



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: 0.222 ng

RT: 3.52 min Scan# 86

Delta R.T. -0.02 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

Instrument :

BNA\_N

ClientSampleId :

WB-10-2

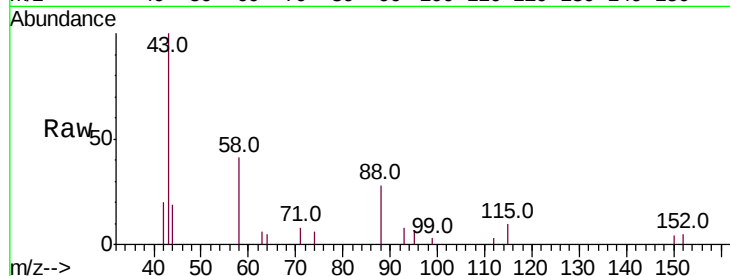
Tot Ion: 42 Resp: 401

Ion Ratio Lower Upper

42 100

74 3.5 162.2 243.4#

44 18.5 2.4 3.6#



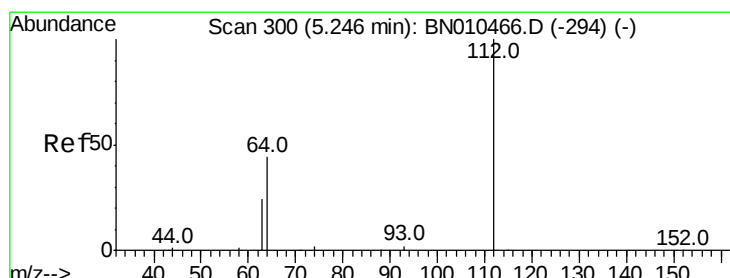
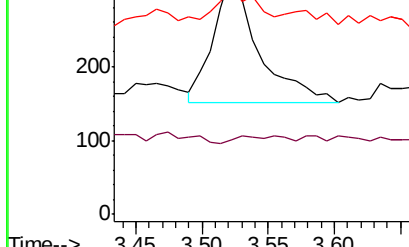
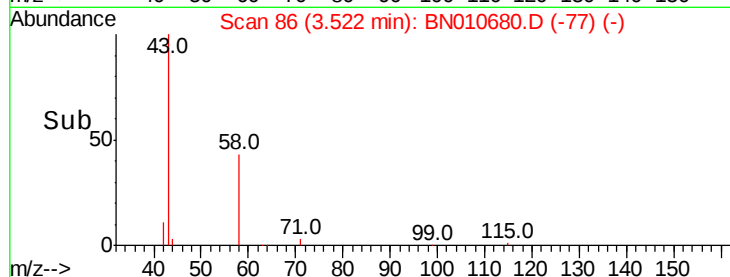
Abundance Ion 42.00 (41.70 to 42.70): BN010466.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BN010466.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BN010466.D (-88) (-)

3.52

Time-->



#4

2-Fluorophenol

Concen: 0.127 ng

RT: 5.23 min Scan# 298

Delta R.T. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

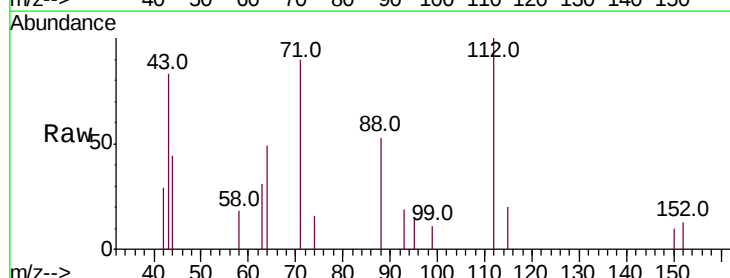
Tgt Ion: 112 Resp: 1052

Ion Ratio Lower Upper

112 100

64 43.5 35.8 53.8

63 21.6 19.9 29.9



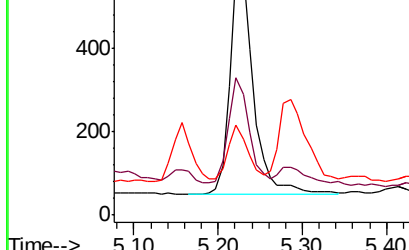
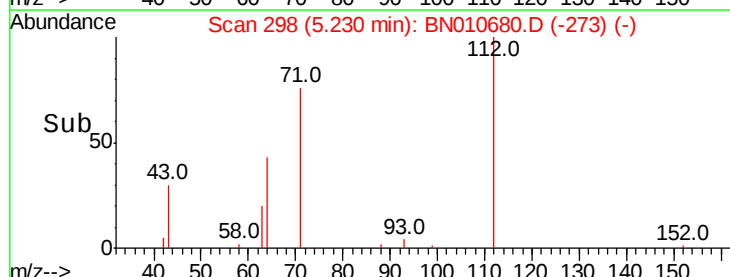
Abundance Ion 112.00 (111.70 to 112.70): BN010466.D (-294) (-)

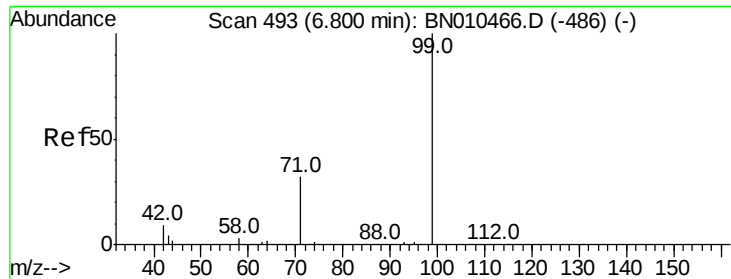
Ion 64.00 (63.70 to 64.70): BN010466.D (-294) (-)

Ion 63.00 (62.70 to 63.70): BN010466.D (-294) (-)

5.23

Time-->





#5

Phenol-d6

Concen: 0.078 ng

RT: 6.78 min Scan# 490

Delta R.T. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

Instrument :

BNA\_N

ClientSampleId :

WB-10-2

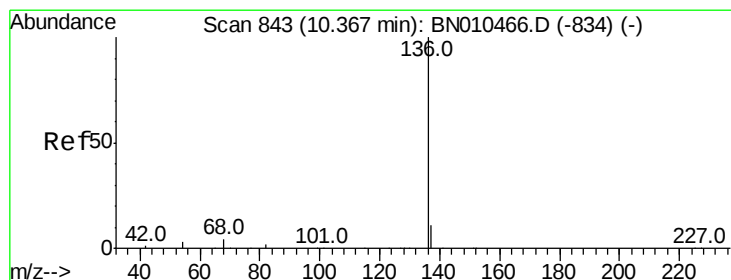
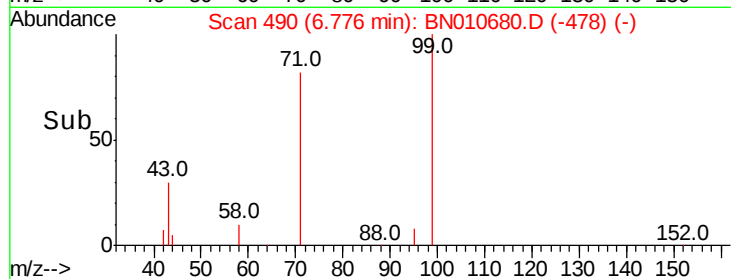
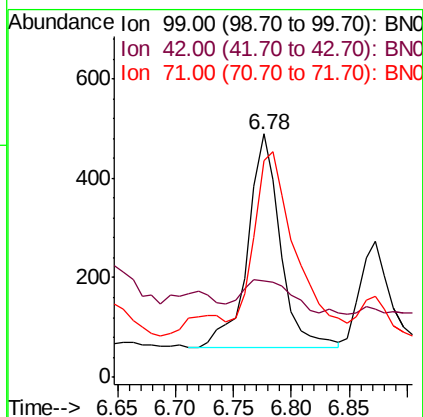
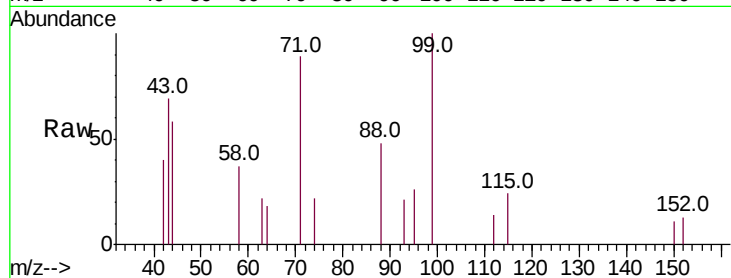
Tot Ion: 99 Resp: 844

Ion Ratio Lower Upper

99 100

42 21.8 9.8 14.6#

71 108.3 27.8 41.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

Tgt Ion: 136 Resp: 16288

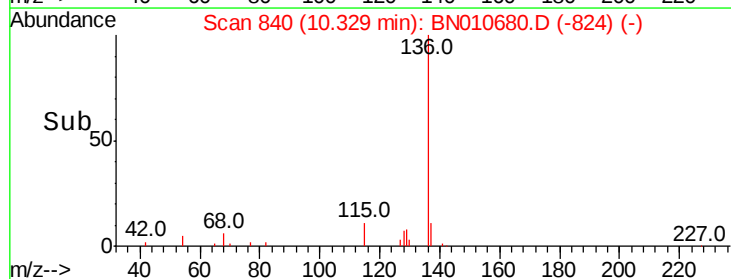
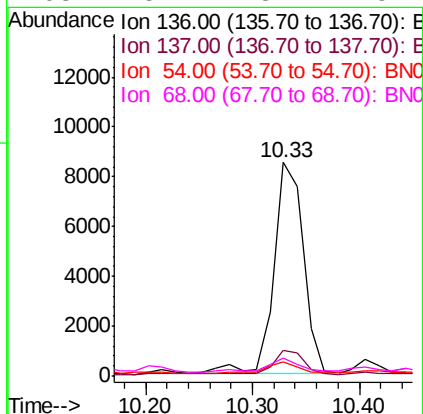
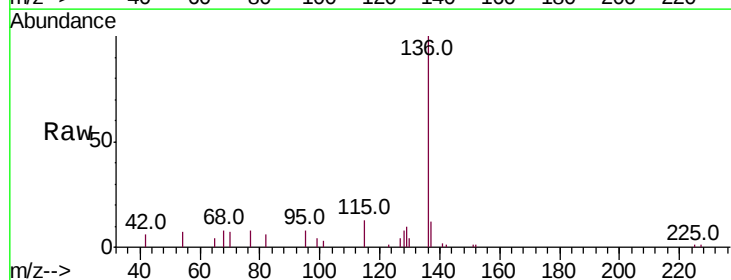
Ion Ratio Lower Upper

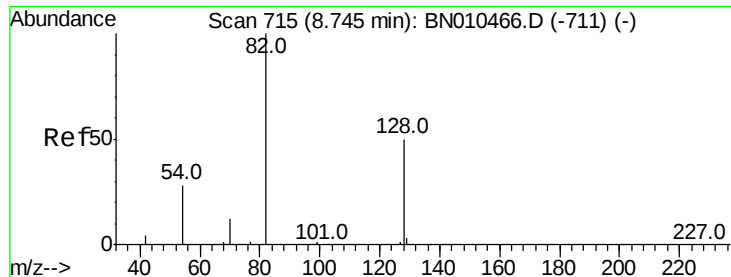
136 100

137 11.9 8.9 13.3

54 6.5 2.6 4.0#

68 8.2 3.4 5.2#





#8

Nitrobenzene-d5

Concen: 0.283 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

Instrument :

BNA\_N

ClientSampleId :

WB-10-2

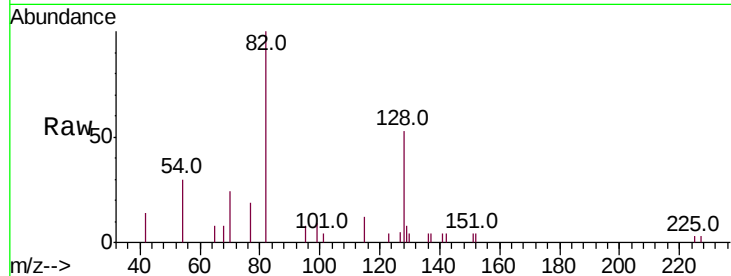
Tot Ion: 82 Resp: 3218

Ion Ratio Lower Upper

82 100

128 52.7 41.3 61.9

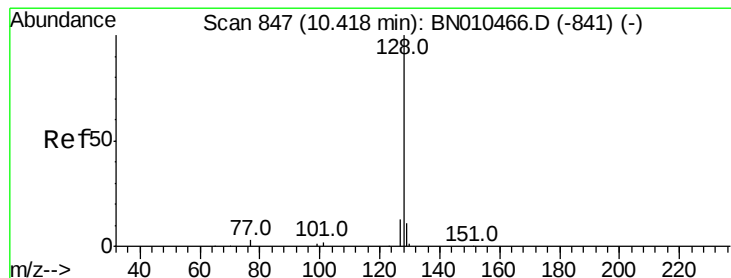
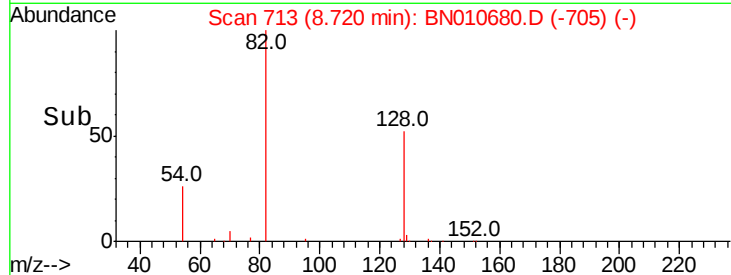
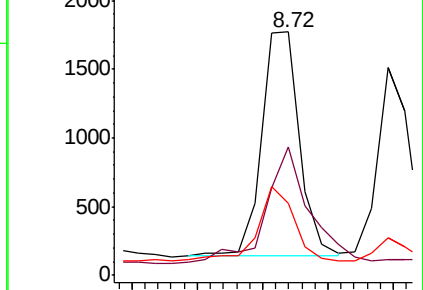
54 29.7 23.4 35.0



Abundance Ion 82.00 (81.70 to 82.70): BN010466.D (-711) (-)

Ion 128.00 (127.70 to 128.70): BN010466.D (-711) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-711) (-)



#9

Naphthalene

Concen: 13.044 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

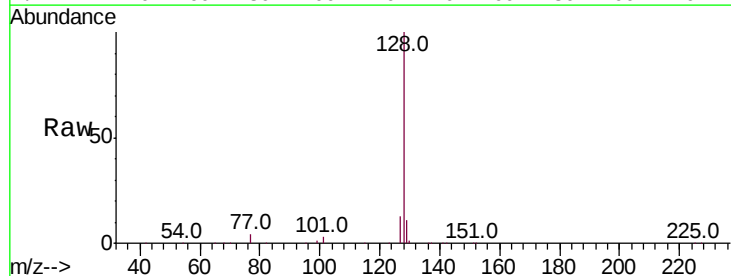
Tgt Ion: 128 Resp: 527658

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

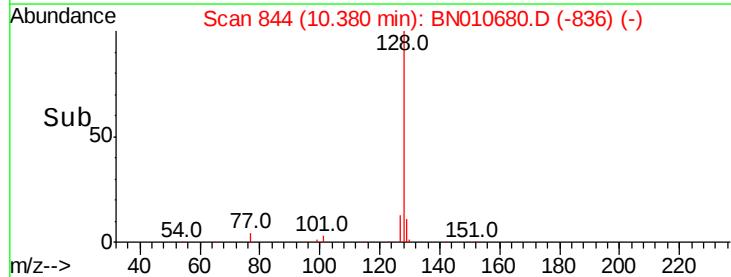
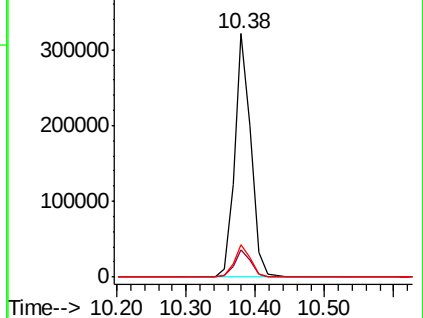
127 13.3 10.5 15.7

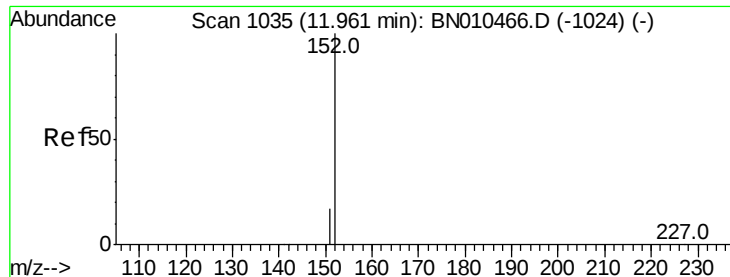


Abundance Ion 128.00 (127.70 to 128.70): BN010466.D (-841) (-)

Ion 129.00 (128.70 to 129.70): BN010466.D (-841) (-)

Ion 127.00 (126.70 to 127.70): BN010466.D (-841) (-)

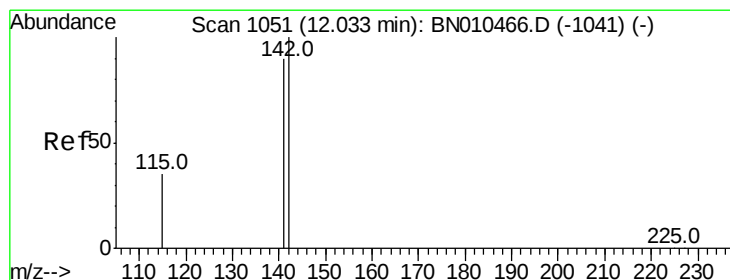
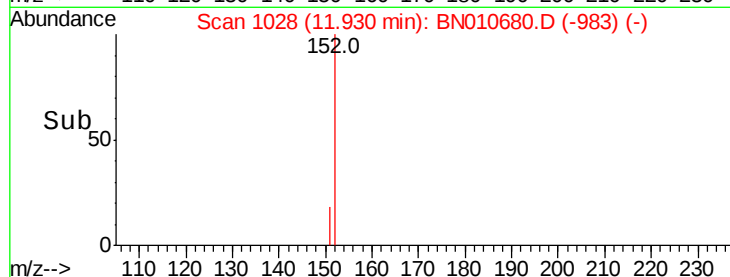
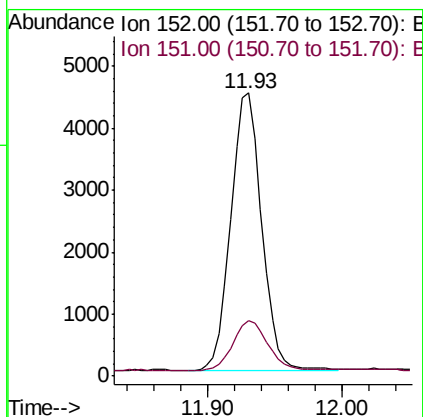
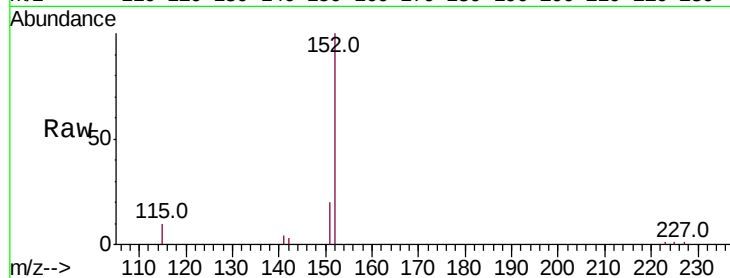




#11  
2-Methylnaphthalene-d10  
Concen: 0.267 ng  
RT: 11.93 min Scan# 1028  
Delta R.T. -0.00 min  
Lab File: BN010680.D  
Acq: 30 Apr 2020 18:39

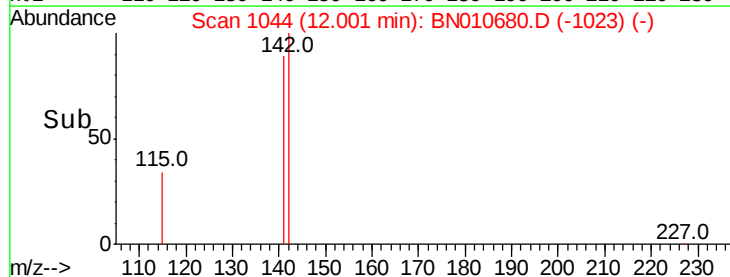
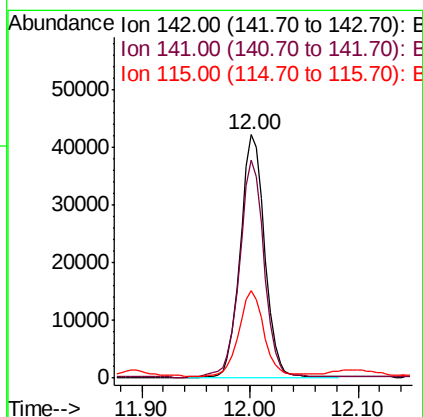
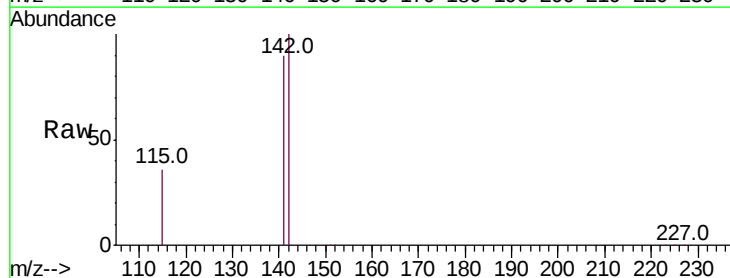
Instrument :  
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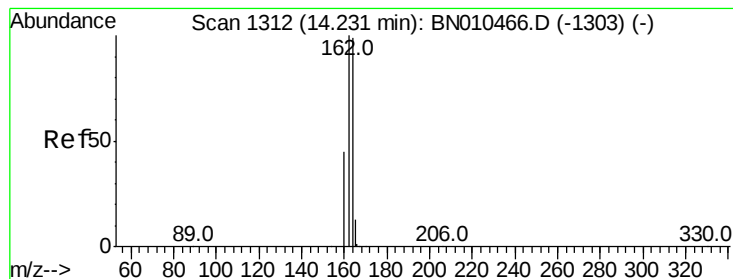
Tot Ion:152 Resp: 7141  
Ion Ratio Lower Upper  
152 100  
151 20.9 15.3 22.9



#12  
2-Methylnaphthalene  
Concen: 2.278 ng  
RT: 12.00 min Scan# 1044  
Delta R.T. -0.00 min  
Lab File: BN010680.D  
Acq: 30 Apr 2020 18:39

Tgt Ion:142 Resp: 66206  
Ion Ratio Lower Upper  
142 100  
141 89.6 71.9 107.9  
115 35.7 28.8 43.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.20 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

Instrument :

BNA\_N

ClientSampleId :

WB-10-2

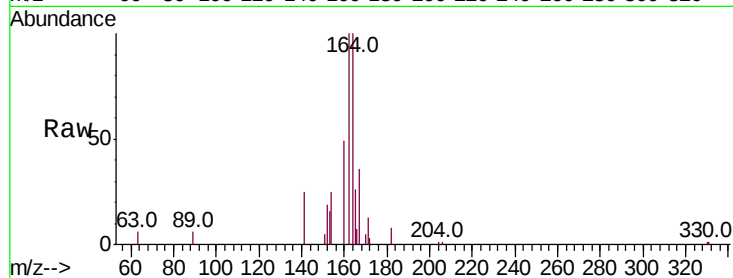
Tot Ion:164 Resp: 11557

Ion Ratio Lower Upper

164 100

162 99.7 80.6 121.0

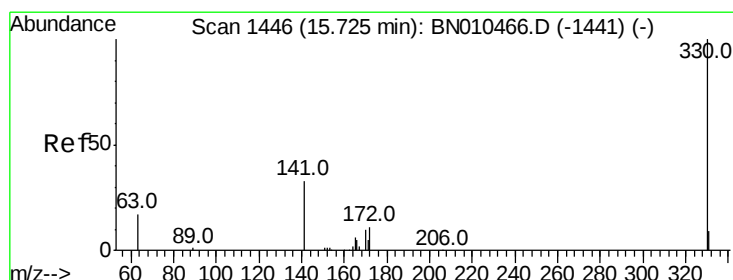
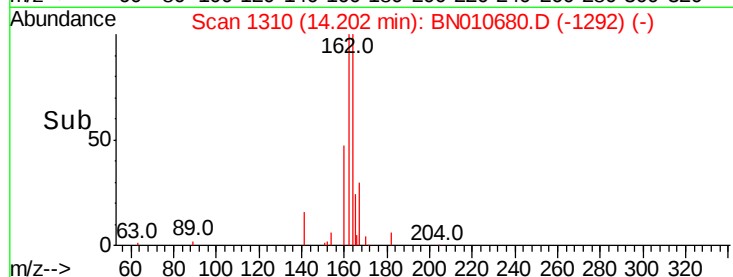
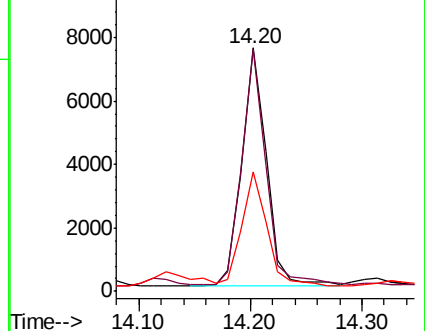
160 48.9 36.5 54.7



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: 0.355 ng

RT: 15.71 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

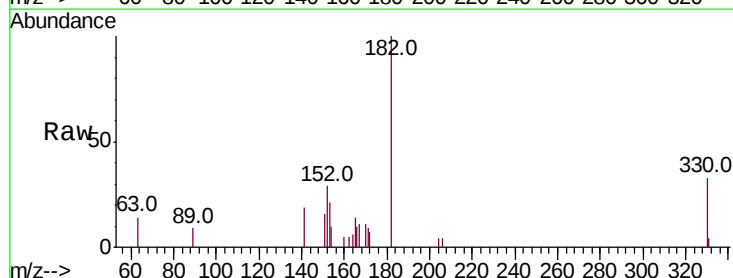
Tgt Ion:330 Resp: 1932

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

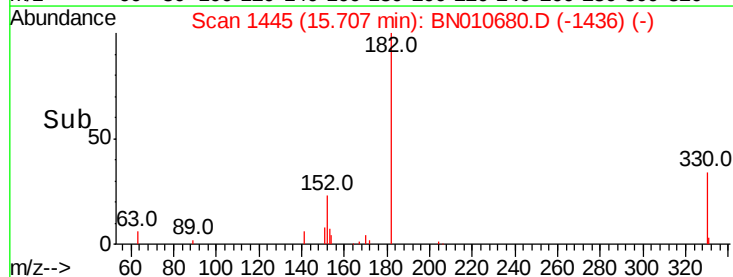
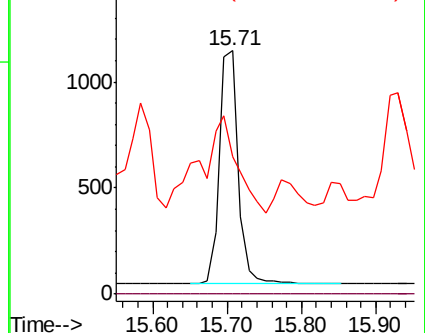
141 78.5 28.1 42.1#

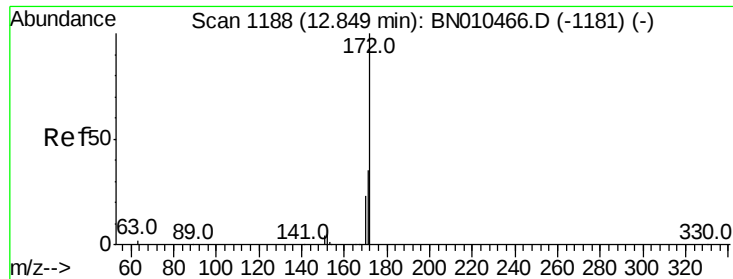


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

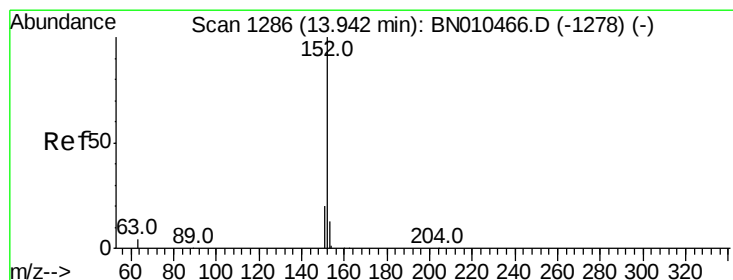
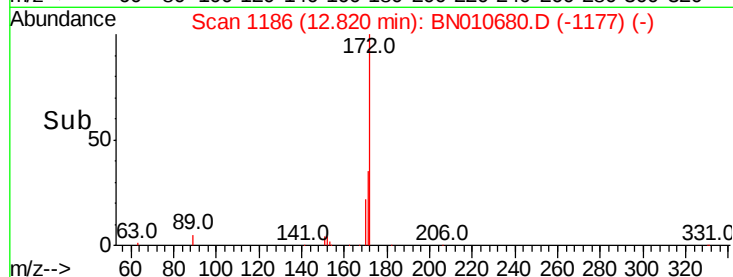
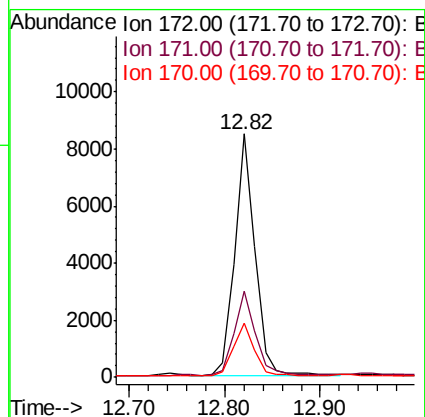
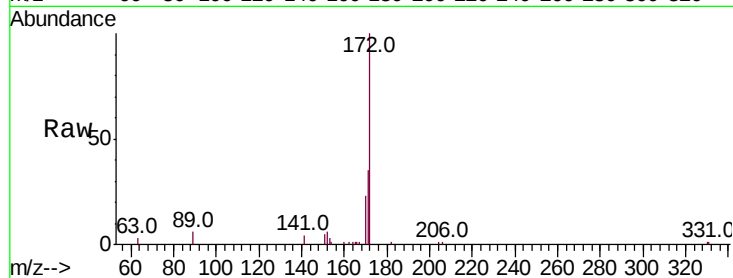




#15  
2-Fluorobiphenyl  
Concen: 0.296 ng  
RT: 12.82 min Scan# 1186  
Delta R.T. -0.00 min  
Lab File: BN010680.D  
Acq: 30 Apr 2020 18:39

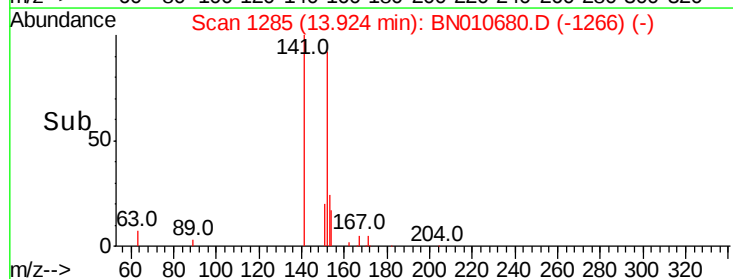
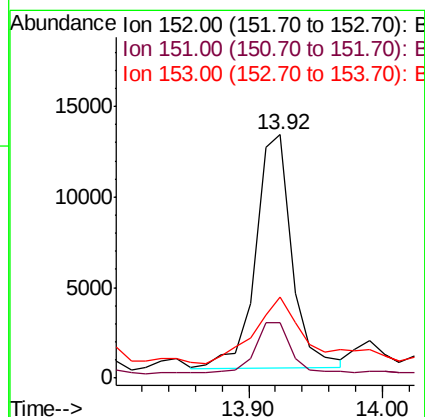
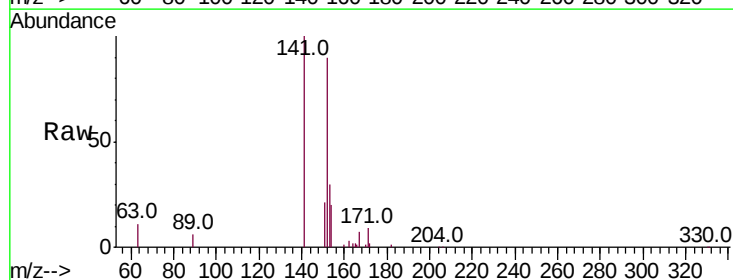
Instrument :  
BNA\_N  
ClientSampled :  
WB-10-2

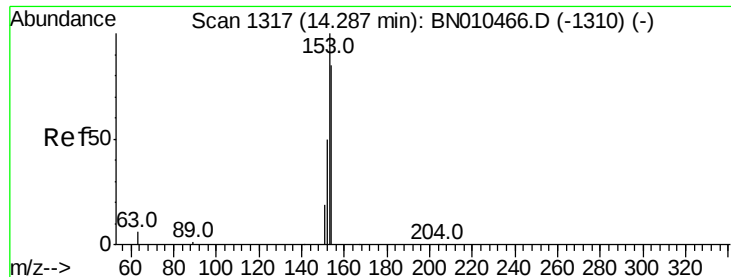
Tot Ion:172 Resp: 12469  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.2 42.2  
170 22.5 18.4 27.6



#16  
Acenaphthylene  
Concen: 0.492 ng  
RT: 13.92 min Scan# 1285  
Delta R.T. 0.01 min  
Lab File: BN010680.D  
Acq: 30 Apr 2020 18:39

Tgt Ion:152 Resp: 24565  
Ion Ratio Lower Upper  
152 100  
151 22.9 15.7 23.5  
153 42.2 10.6 15.8#





#17

Acenaphthene

Concen: 2.843 ng

RT: 14.27 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

Instrument :

BNA\_N

ClientSampleId :

WB-10-2

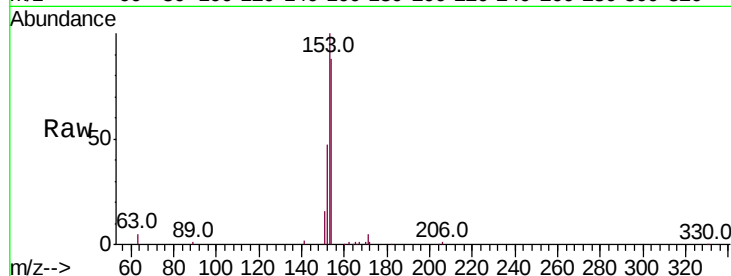
Tot Ion:154 Resp: 91220

Ion Ratio Lower Upper

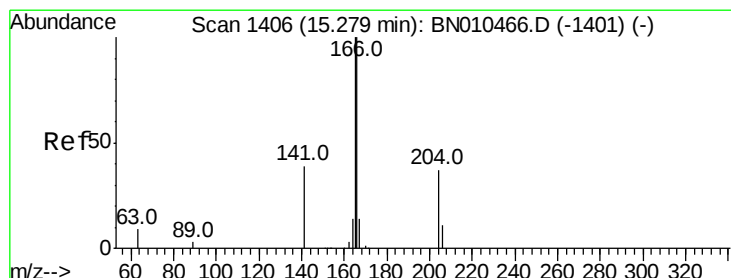
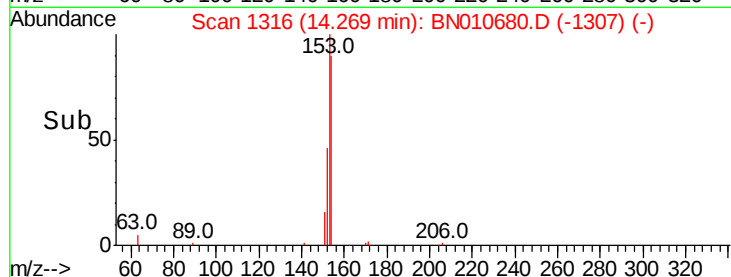
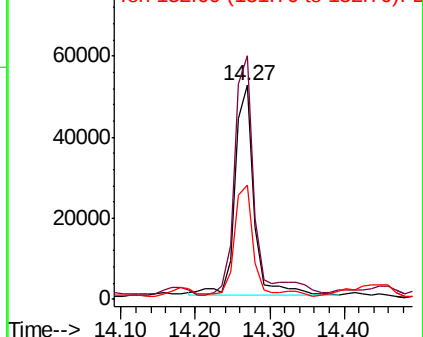
154 100

153 113.0 91.0 136.4

152 53.5 44.6 67.0



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: 2.244 ng

RT: 15.26 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

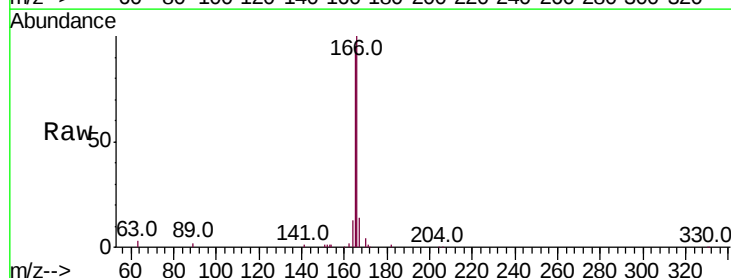
Tgt Ion:166 Resp: 94279

Ion Ratio Lower Upper

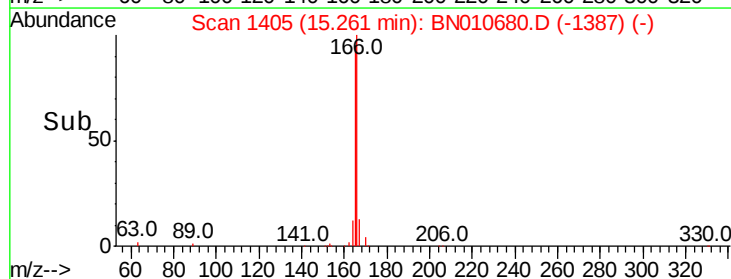
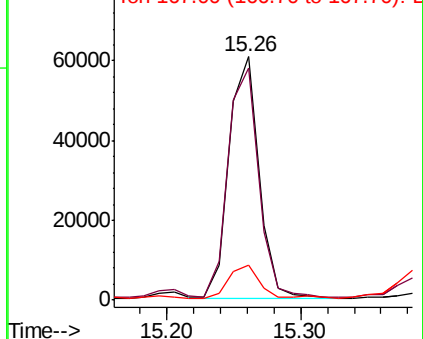
166 100

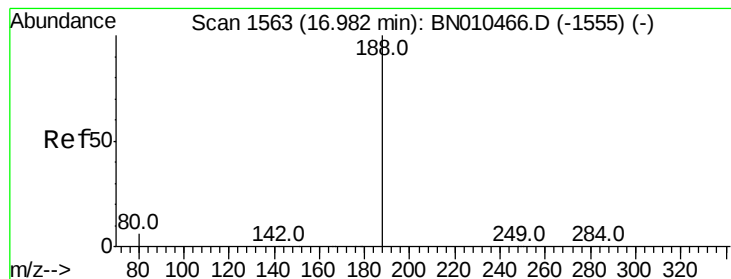
165 97.4 78.4 117.6

167 14.8 10.9 16.3



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: 16.95 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

Instrument :

BNA\_N

ClientSampleId :

WB-10-2

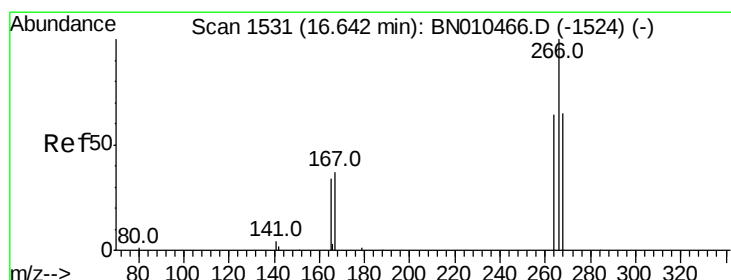
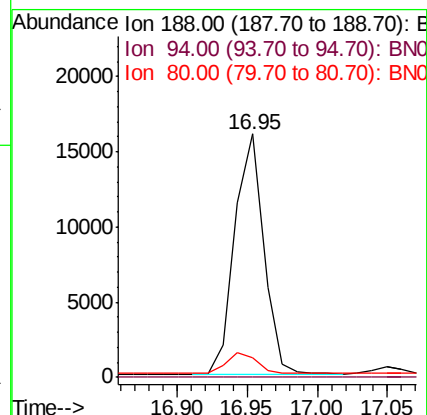
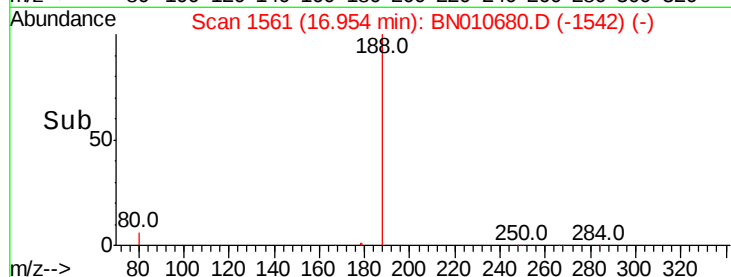
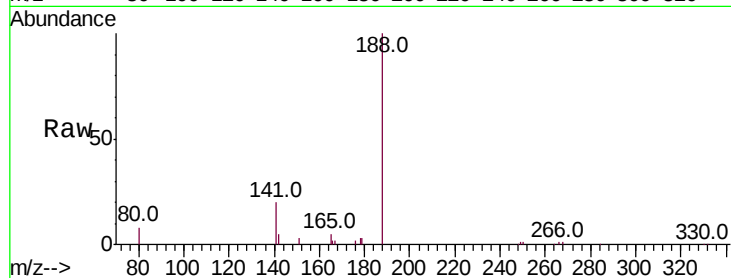
Tot Ion:188 Resp: 23329

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.0 5.0 7.6#



#22

Pentachlorophenol

Concen: 0.223 ng

RT: 16.61 min Scan# 1529

Delta R.T. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

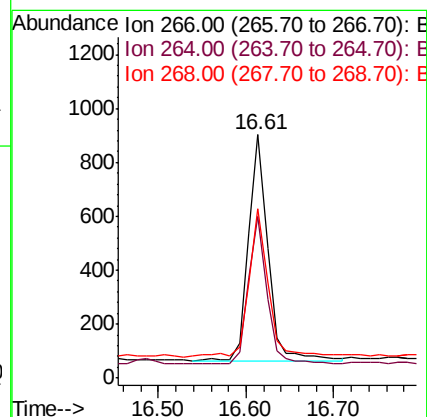
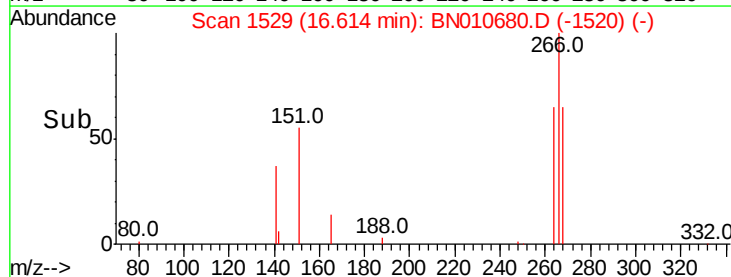
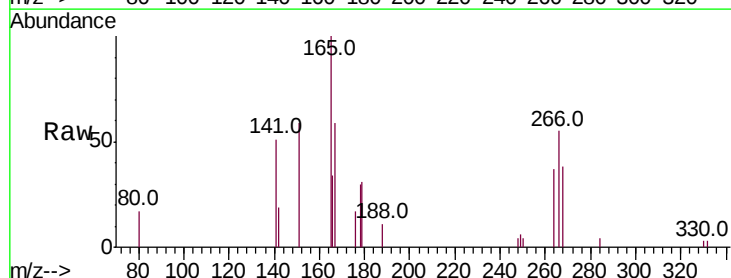
Tgt Ion:266 Resp: 1299

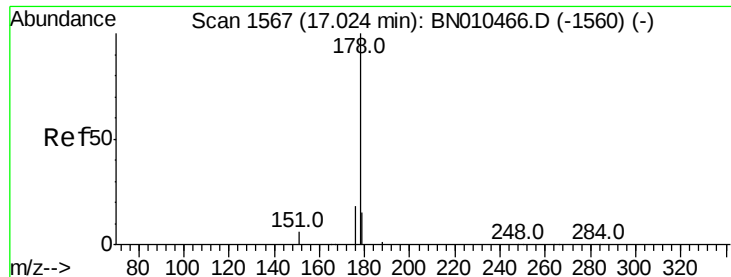
Ion Ratio Lower Upper

266 100

264 66.4 51.8 77.6

268 69.4 53.7 80.5





#23

Phenanthrene

Concen: 3.765 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

Instrument :

BNA\_N

ClientSampleId :

WB-10-2

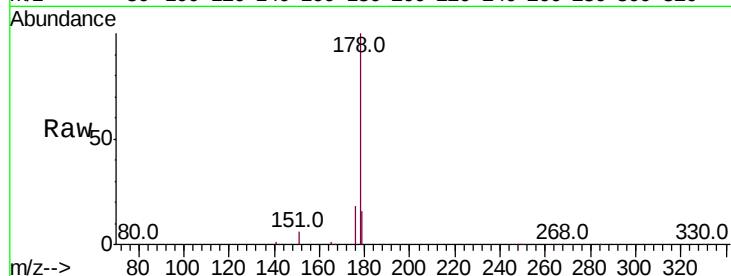
Tot Ion:178 Resp: 237236

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

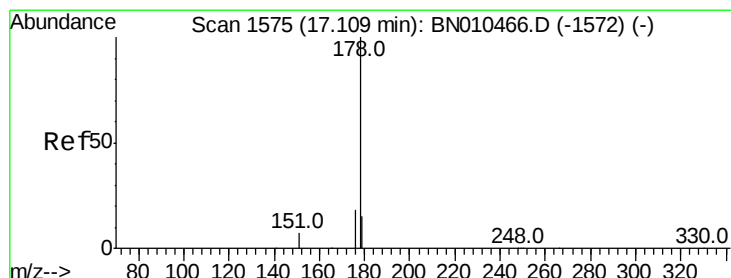
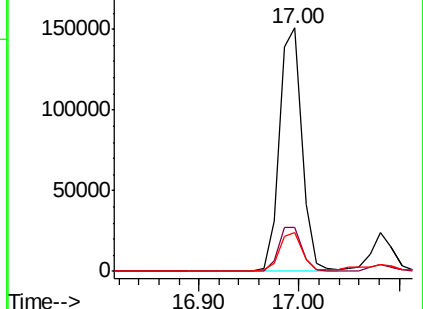
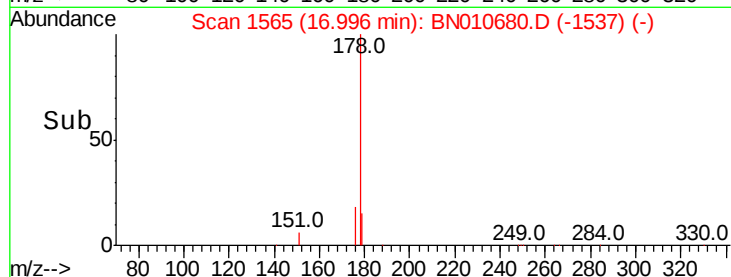
179 15.6 12.6 18.8



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



#24

Anthracene

Concen: 0.571 ng

RT: 17.08 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

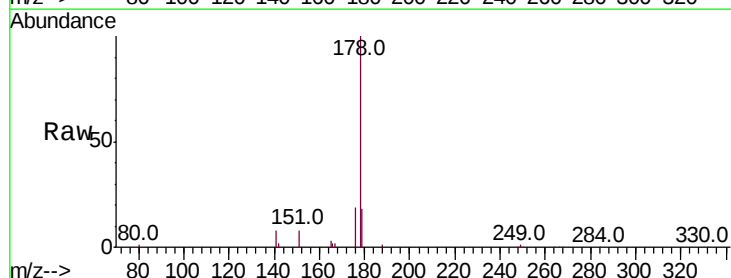
Tgt Ion:178 Resp: 32910

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

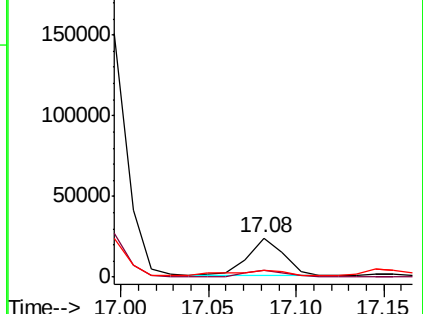
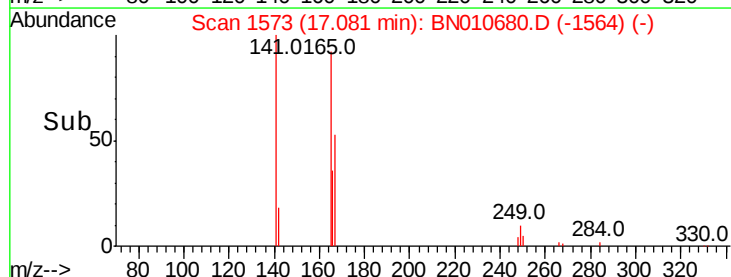
179 24.7 12.2 18.2#

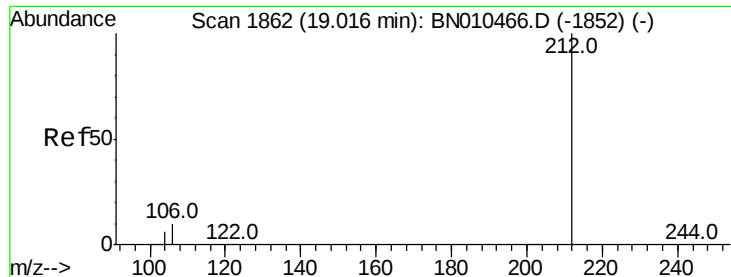


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.304 ng

RT: 18.99 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

Instrument :

BNA\_N

ClientSampleId :

WB-10-2

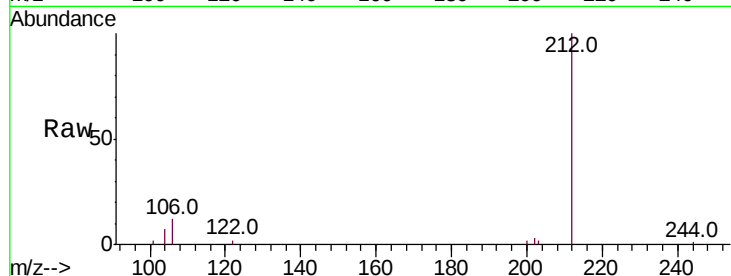
Tot Ion:212 Resp: 21533

Ion Ratio Lower Upper

212 100

106 10.8 7.8 11.6

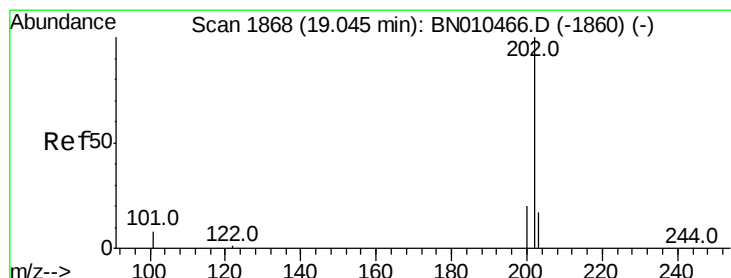
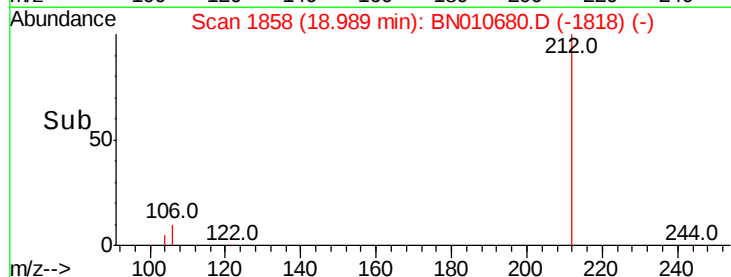
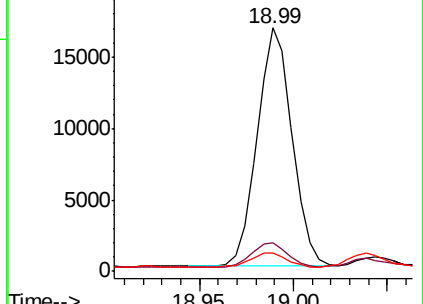
104 6.2 4.5 6.7



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: 0.811 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

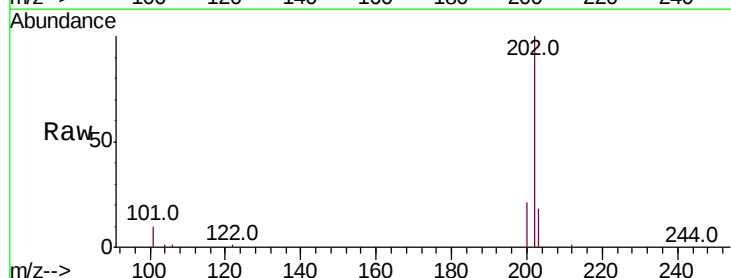
Tgt Ion:202 Resp: 63566

Ion Ratio Lower Upper

202 100

101 9.3 6.9 10.3

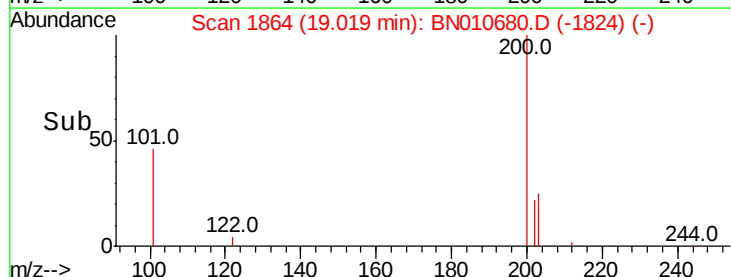
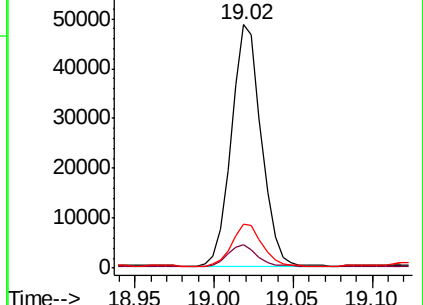
203 17.4 13.9 20.9

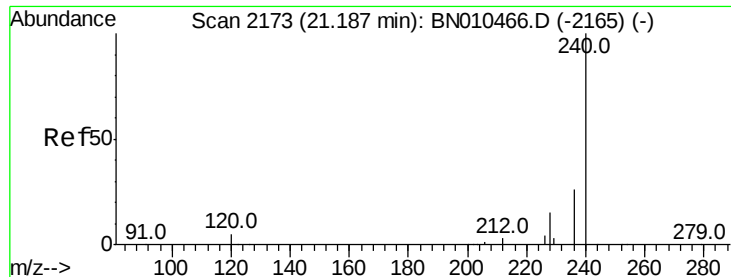


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

Instrument :

BNA\_N

ClientSampleId :

WB-10-2

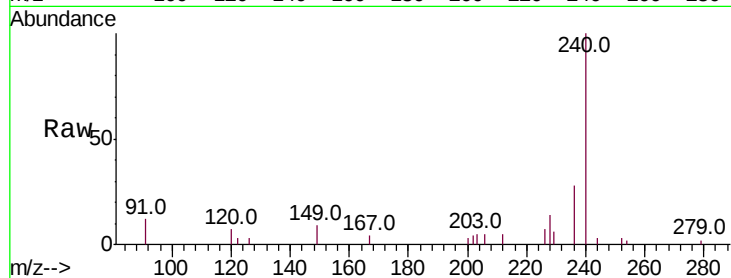
Tot Ion:240 Resp: 19398

Ion Ratio Lower Upper

240 100

120 7.4 4.8 7.2#

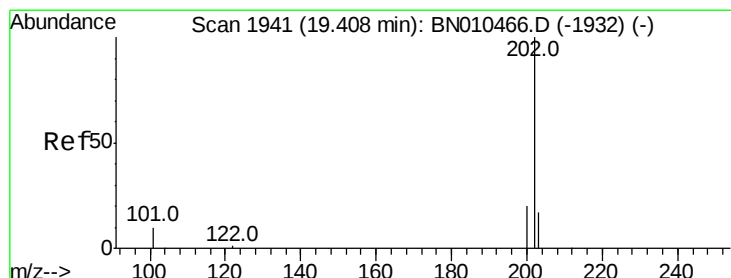
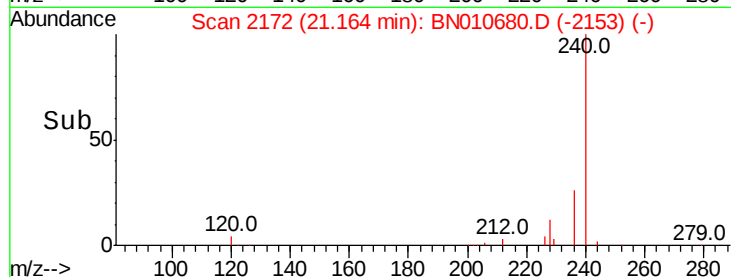
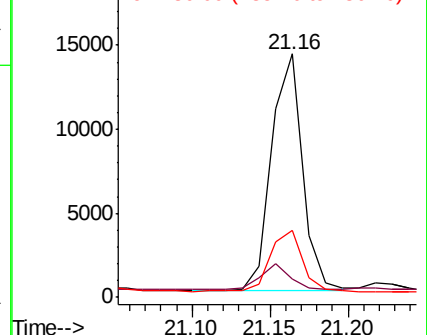
236 27.5 21.4 32.0



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: 1.061 ng

RT: 19.39 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

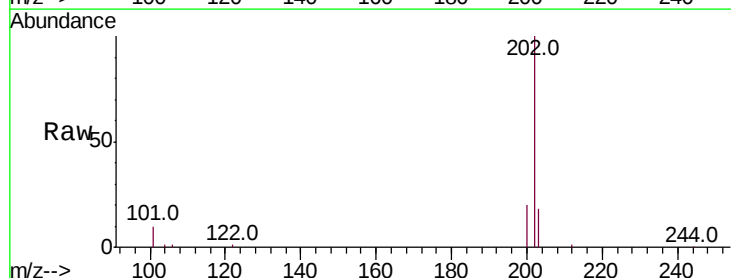
Tgt Ion:202 Resp: 69255

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

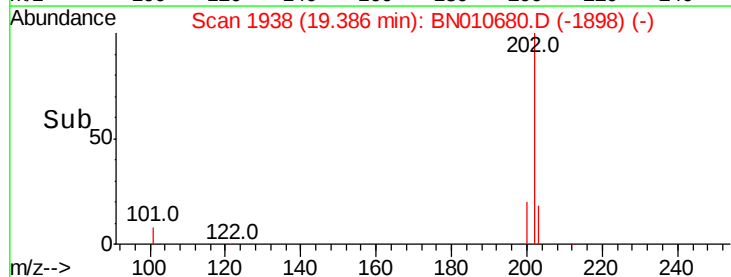
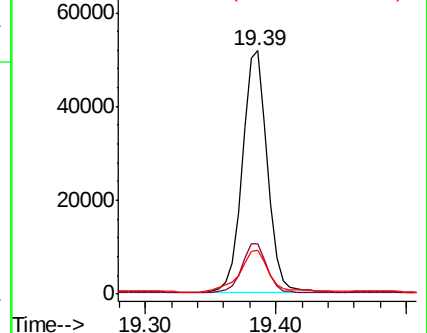
203 20.3 14.0 21.0

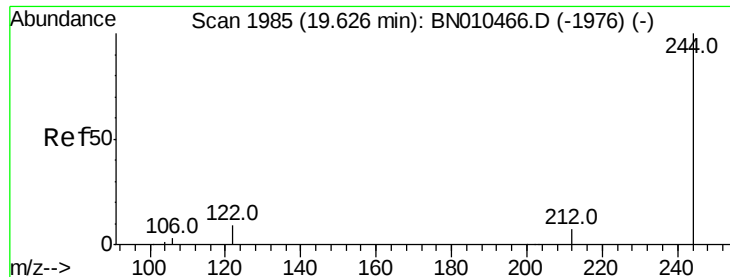


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.666 ng

RT: 19.60 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

Instrument :

BNA\_N

ClientSampleId :

WB-10-2

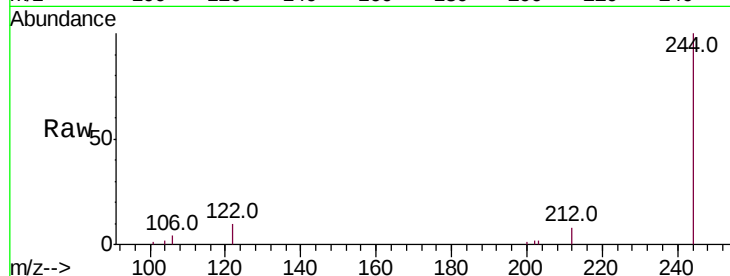
Tot Ion:244 Resp: 29570

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.4

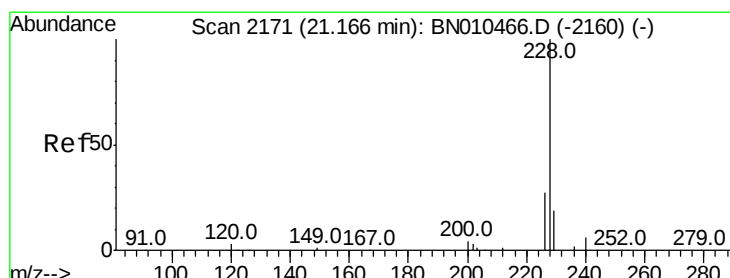
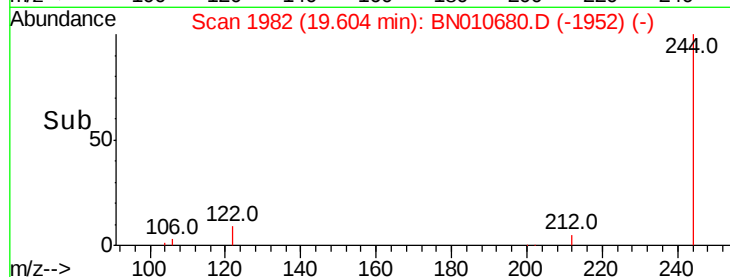
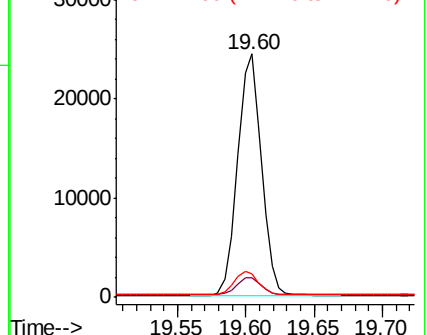
122 9.7 7.8 11.8



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: 0.206 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

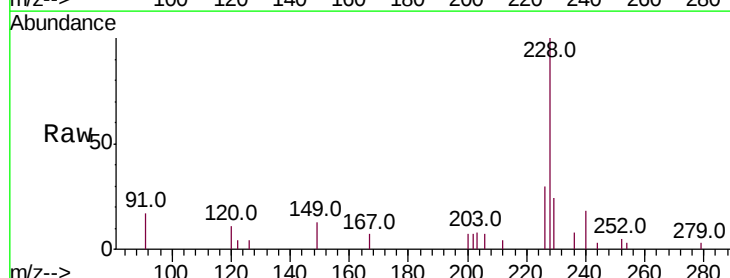
Tgt Ion:228 Resp: 13054

Ion Ratio Lower Upper

228 100

226 30.0 21.7 32.5

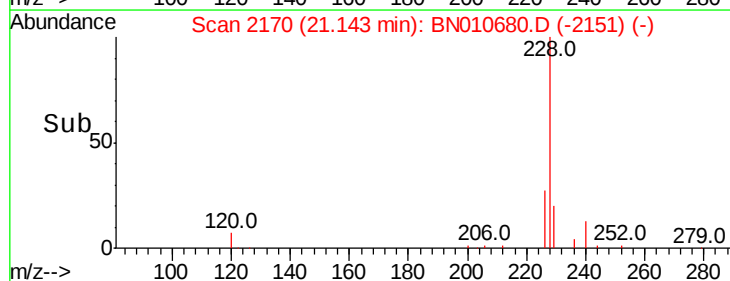
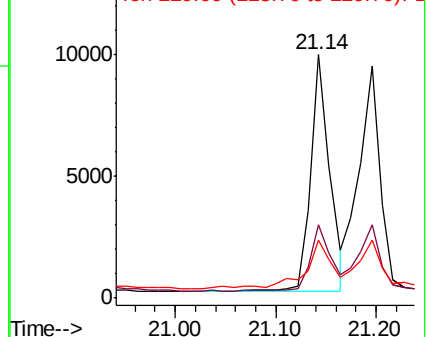
229 23.7 15.6 23.4#

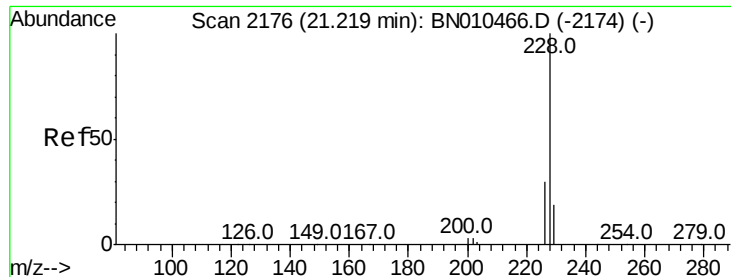


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.217 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

Instrument :

BNA\_N

ClientSampleId :

WB-10-2

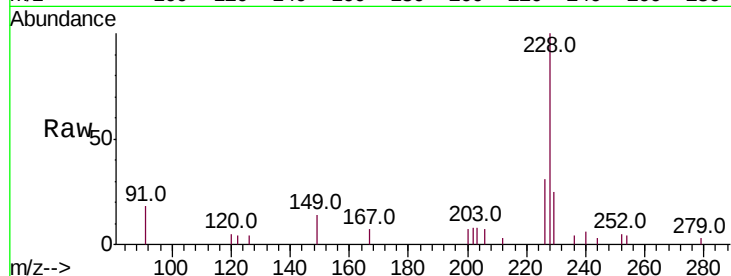
Tot Ion:228 Resp: 13652

Ion Ratio Lower Upper

228 100

226 31.4 24.0 36.0

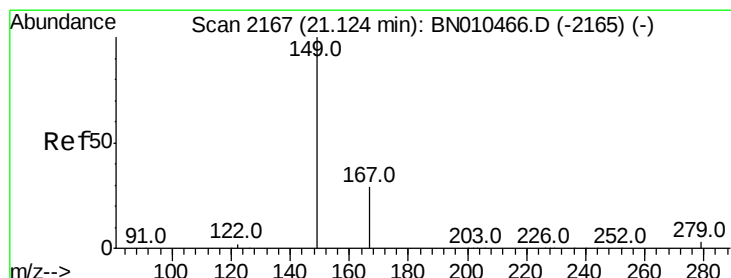
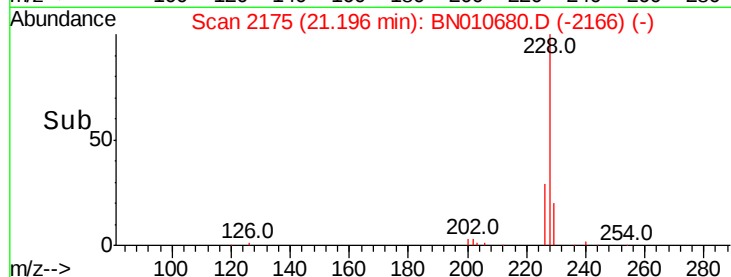
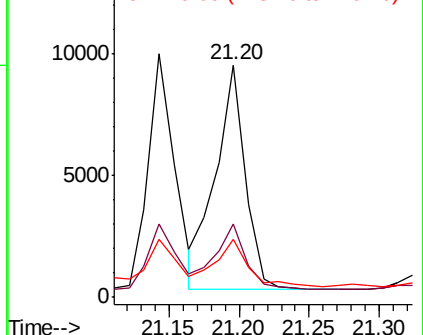
229 25.1 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.095 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

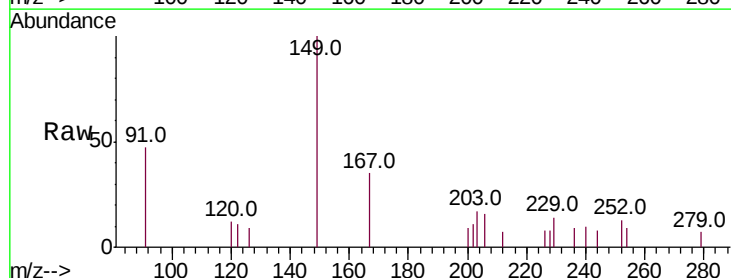
Tgt Ion:149 Resp: 3072

Ion Ratio Lower Upper

149 100

167 29.4 23.4 35.0

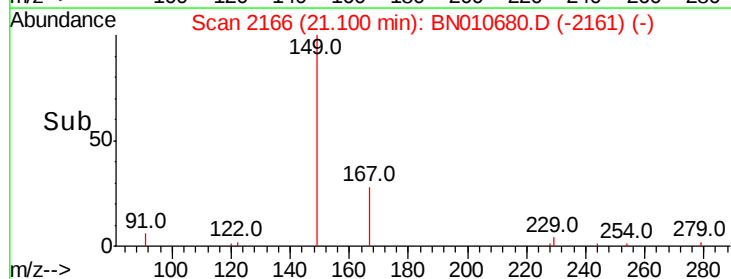
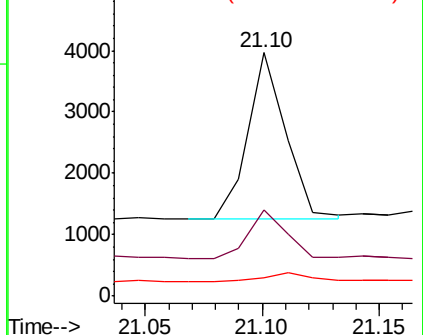
279 6.9 4.0 6.0#

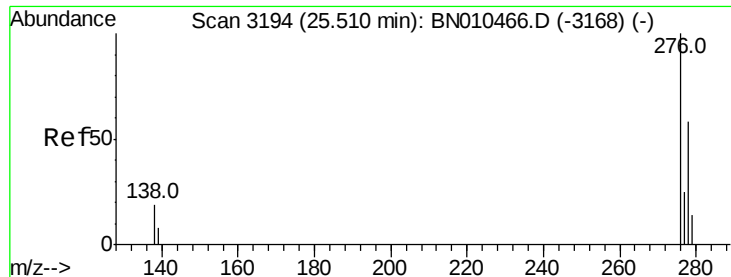


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

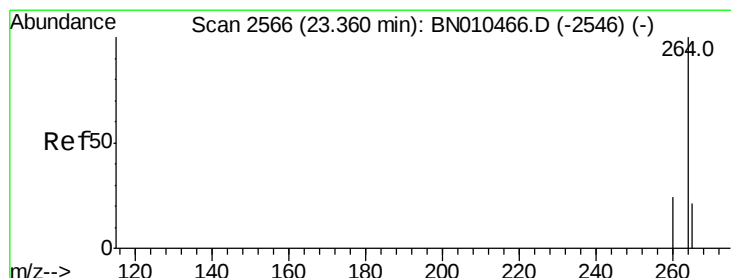
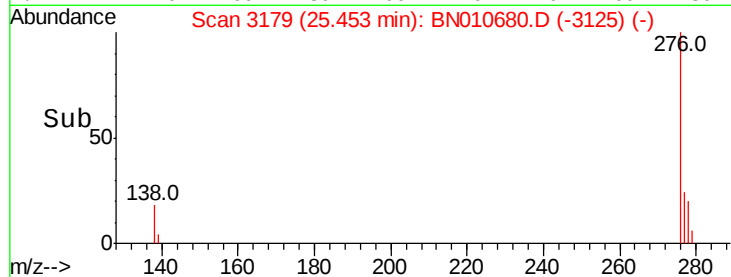
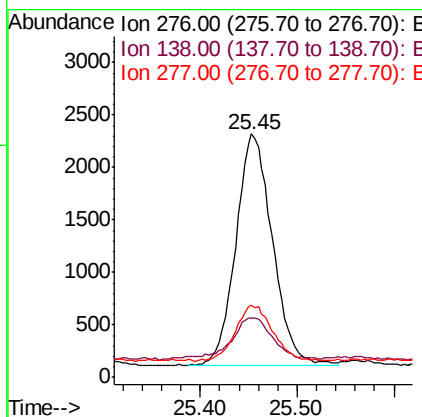
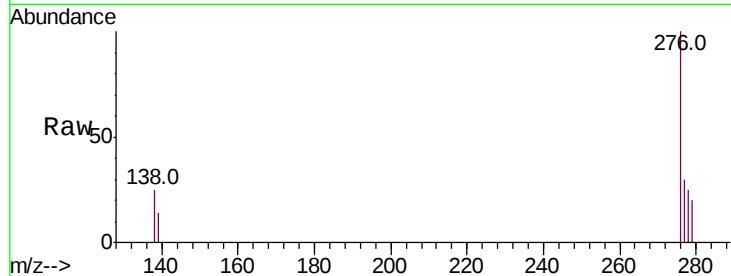




#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.104 ng  
 RT: 25.45 min Scan# 3179  
 Delta R.T. -0.01 min  
 Lab File: BN010680.D  
 Acq: 30 Apr 2020 18:39

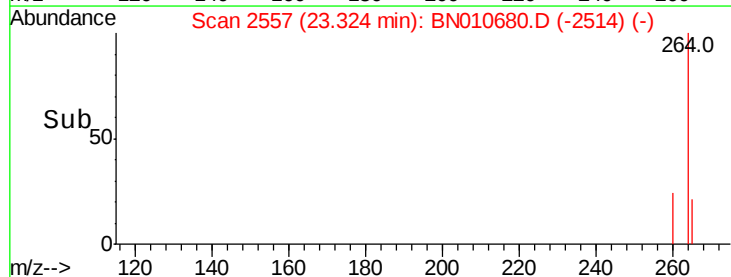
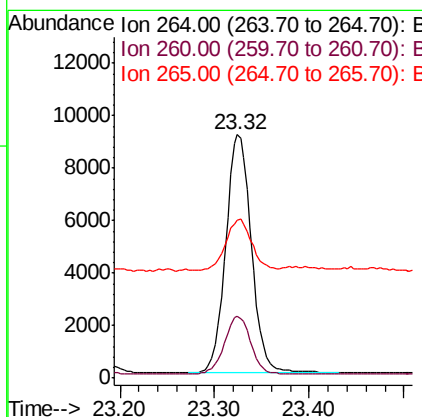
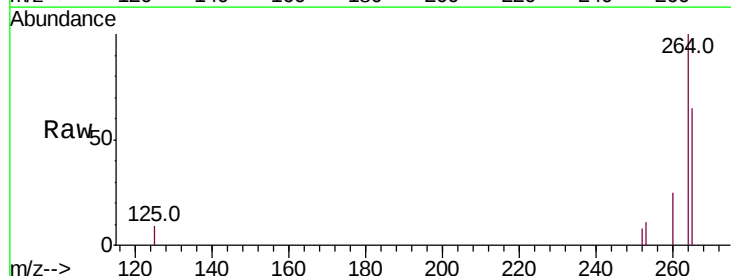
Instrument :  
 BNA\_N  
 ClientSampleId :  
 WB-10-2

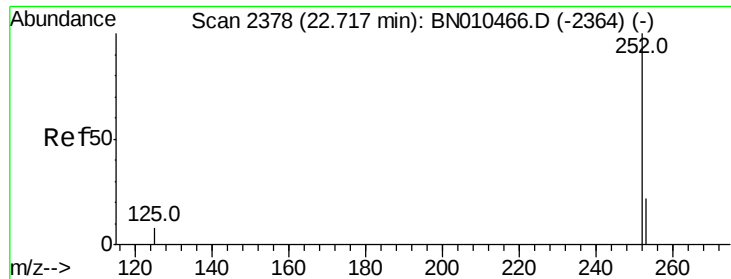
Tot Ion:276 Resp: 5792  
 Ion Ratio Lower Upper  
 276 100  
 138 21.1 16.4 24.6  
 277 23.8 19.8 29.6



#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.32 min Scan# 2557  
 Delta R.T. -0.00 min  
 Lab File: BN010680.D  
 Acq: 30 Apr 2020 18:39

Tgt Ion:264 Resp: 17202  
 Ion Ratio Lower Upper  
 264 100  
 260 25.3 19.8 29.8  
 265 65.0 42.3 63.5#

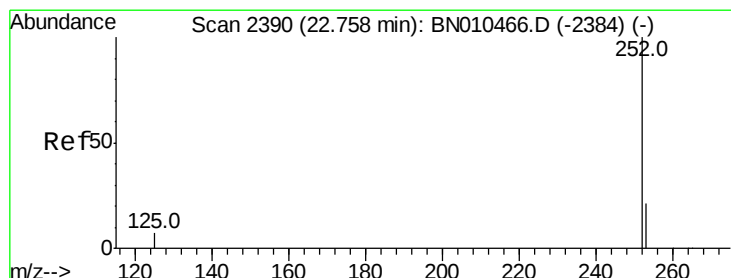
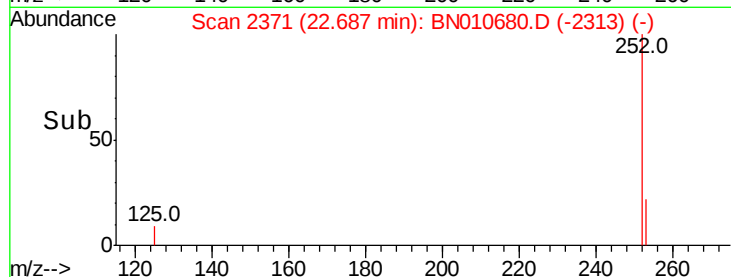
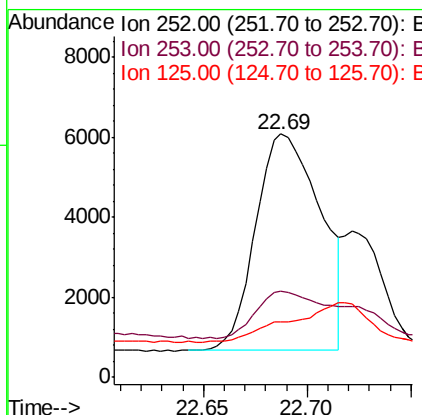
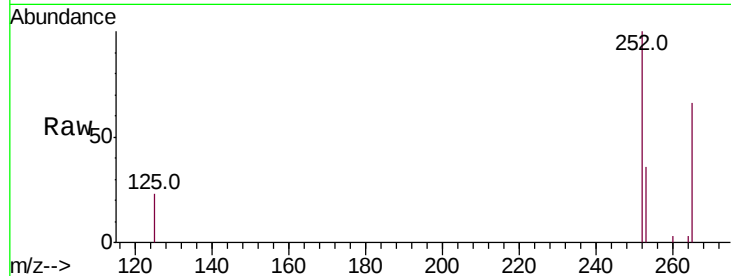




#35  
Benzo(b)fluoranthene  
Concen: 0.208 ng  
RT: 22.69 min Scan# 2371  
Delta R.T. -0.00 min  
Lab File: BN010680.D  
Acq: 30 Apr 2020 18:39

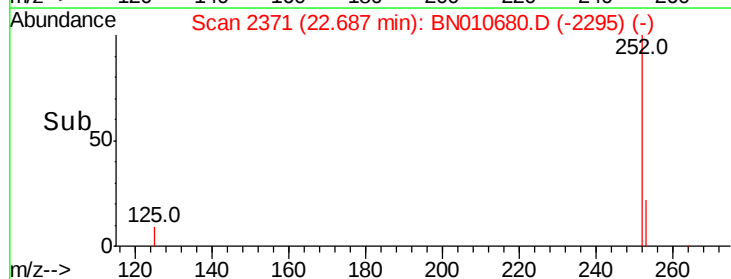
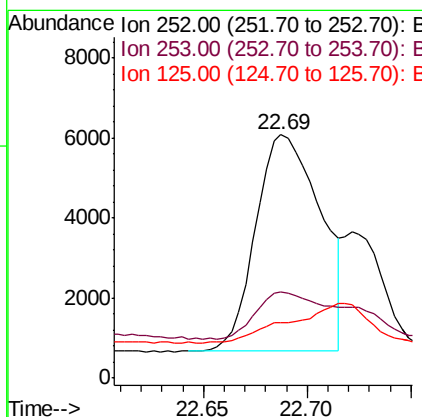
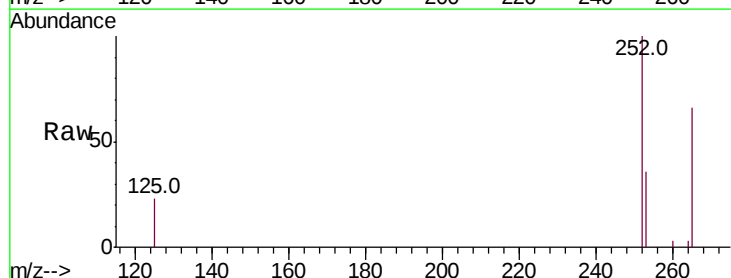
Instrument :  
BNA\_N  
ClientSampleId :  
WB-10-2

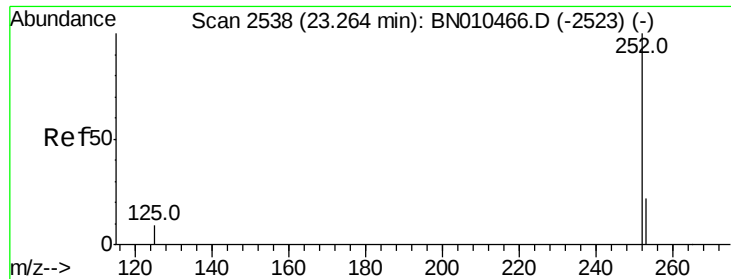
Tot Ion:252 Resp: 11774  
Ion Ratio Lower Upper  
252 100  
253 35.6 20.2 30.4#  
125 22.8 9.2 13.8#



#36  
Benzo(k)fluoranthene  
Concen: 0.207 ng  
RT: 22.69 min Scan# 2371  
Delta R.T. -0.04 min  
Lab File: BN010680.D  
Acq: 30 Apr 2020 18:39

Tgt Ion:252 Resp: 11774  
Ion Ratio Lower Upper  
252 100  
253 35.6 20.1 30.1#  
125 22.8 9.6 14.4#





#37

Benzo(a)pyrene

Concen: 0.133 ng

RT: 23.23 min Scan# 2530

Delta R.T. -0.00 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

Instrument :

BNA\_N

ClientSampleId :

WB-10-2

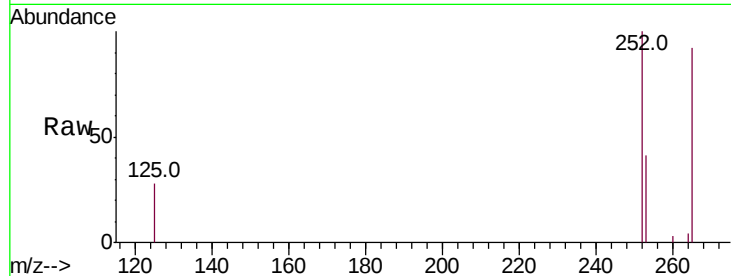
Tot Ion:252 Resp: 6649

Ion Ratio Lower Upper

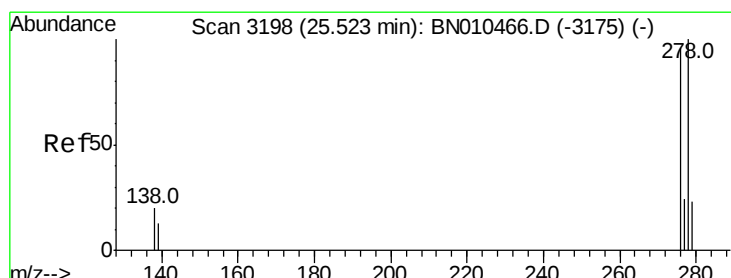
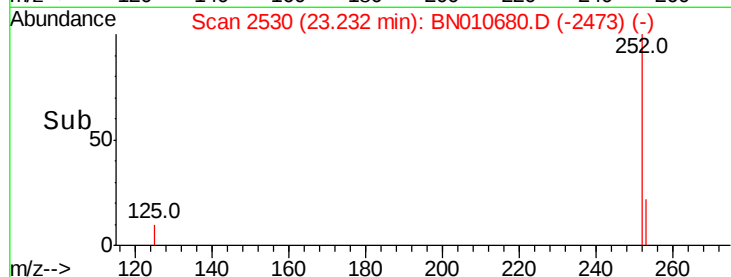
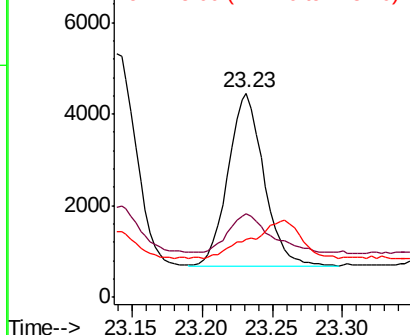
252 100

253 41.0 21.8 32.8#

125 28.4 11.0 16.6#



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: 0.037 ng

RT: 25.47 min Scan# 3183

Delta R.T. -0.01 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

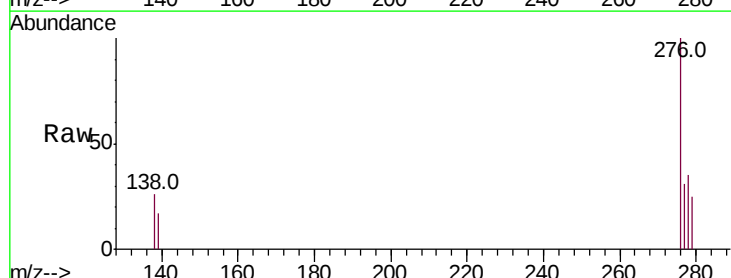
Tgt Ion:278 Resp: 1683

Ion Ratio Lower Upper

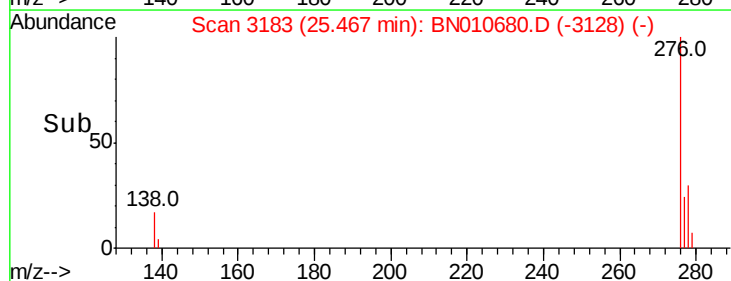
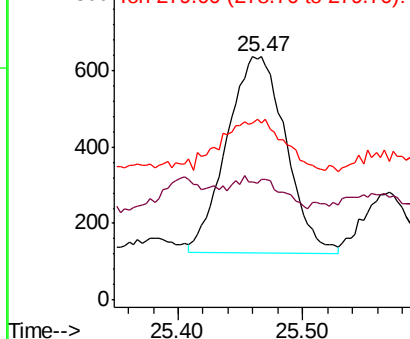
278 100

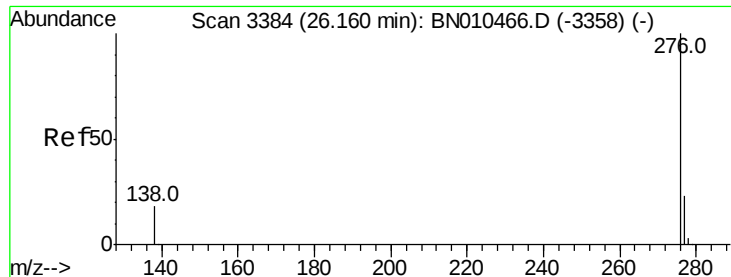
139 49.7 12.3 18.5#

279 72.8 21.9 32.9#



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: 0.152 ng

RT: 26.10 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BN010680.D

Acq: 30 Apr 2020 18:39

Instrument :

BNA\_N

ClientSampleId :

WB-10-2

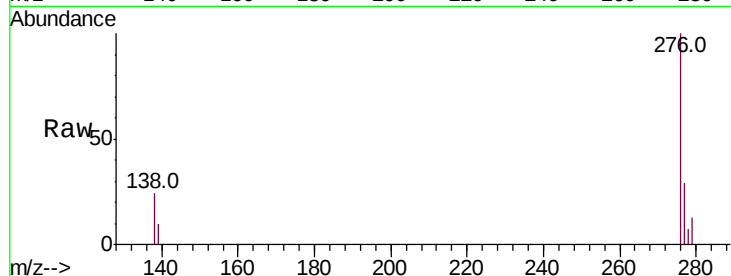
Tot Ion: 276 Resp: 7027

Ion Ratio Lower Upper

276 100

277 29.0 20.2 30.2

138 24.1 15.4 23.2#



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

