

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\  
 Data File : BN010817.D  
 Acq On : 10 Jun 2020 14:02  
 Operator : CG/JU  
 Sample : SSTDICC3.2  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC3.2

Quant Time: Jun 10 14:32:46 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 10 13:41:15 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 2415     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.30 | 136  | 7554     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.18 | 164  | 4292     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.92 | 188  | 8689     | 0.40 | ng    | -0.01    |
| 27) Chrysene-d12          | 21.13 | 240  | 8815     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.28 | 264  | 7751     | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.20  | 112 | 14796 | 3.07 | ng | 0.00  |
| 5) Phenol-d6                | 6.74  | 99  | 18148 | 3.19 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.68  | 82  | 19042 | 3.44 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.90 | 152 | 38513 | 3.36 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 15.67 | 330 | 5424  | 3.62 | ng | -0.01 |
| 15) 2-Fluorobiphenyl        | 12.80 | 172 | 54415 | 3.25 | ng | 0.00  |
| 25) Fluoranthene-d10        | 18.96 | 212 | 82009 | 3.40 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.57 | 244 | 64339 | 3.27 | ng | 0.00  |

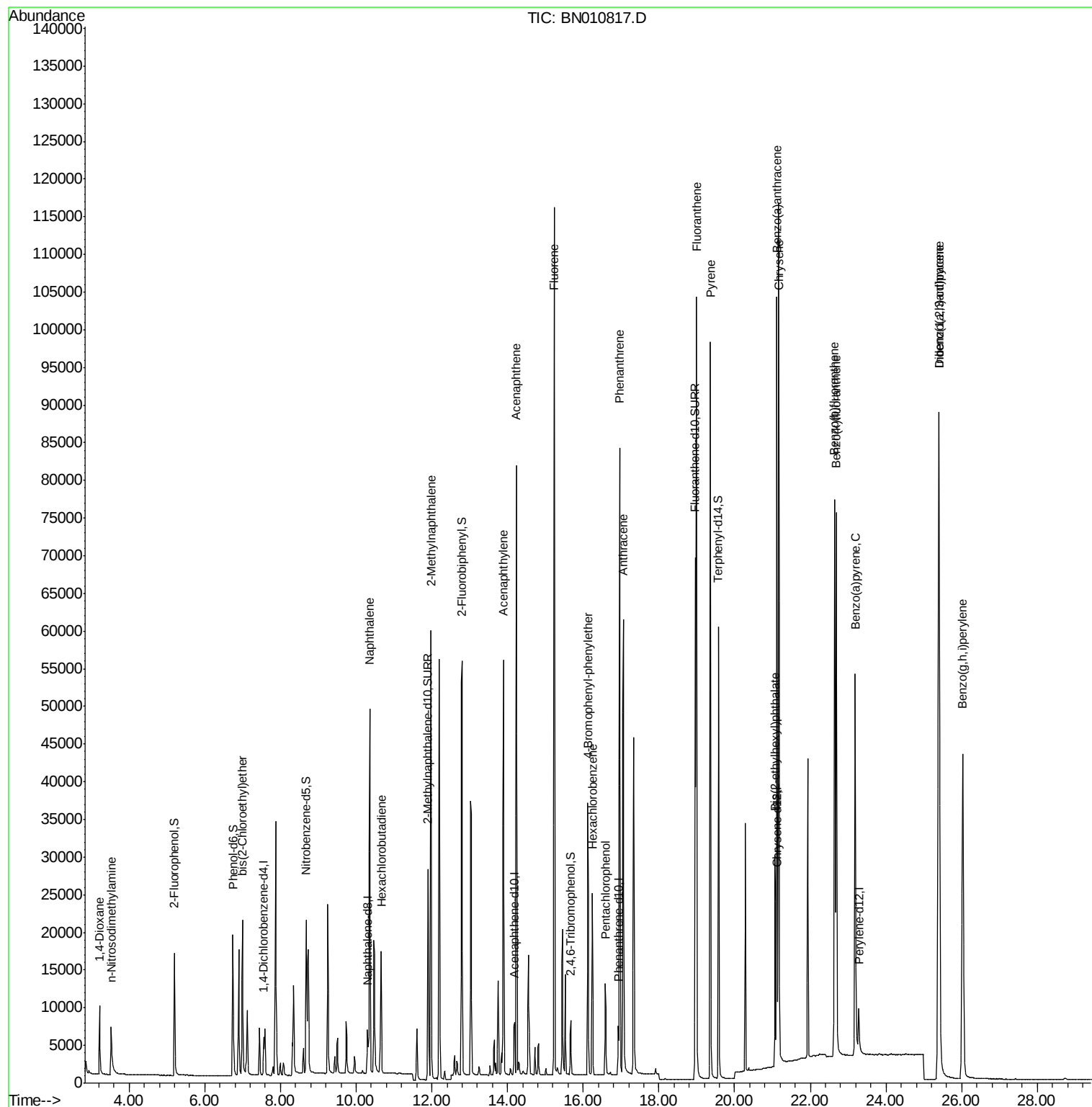
|                                |       |     |        |       |        |      |
|--------------------------------|-------|-----|--------|-------|--------|------|
| Target Compounds               |       |     |        |       | Qvalue |      |
| 2) 1,4-Dioxane                 | 3.22  | 88  | 7390   | 3.095 | ng     | 99   |
| 3) n-Nitrosodimethylamine      | 3.52  | 42  | 4973   | 3.577 | ng     | # 93 |
| 6) bis(2-Chloroethyl)ether     | 6.99  | 93  | 17504  | 3.227 | ng     | 96   |
| 9) Naphthalene                 | 10.35 | 128 | 60785  | 3.231 | ng     | 97   |
| 10) Hexachlorobutadiene        | 10.66 | 225 | 14739  | 3.210 | ng     | # 99 |
| 12) 2-Methylnaphthalene        | 11.97 | 142 | 41896  | 3.360 | ng     | 99   |
| 16) Acenaphthylene             | 13.89 | 152 | 60514  | 3.479 | ng     | 100  |
| 17) Acenaphthene               | 14.24 | 154 | 38677  | 3.280 | ng     | 98   |
| 18) Fluorene                   | 15.23 | 166 | 50984  | 3.332 | ng     | 99   |
| 20) 4-Bromophenyl-phenylether  | 16.12 | 248 | 17702  | 3.494 | ng     | # 86 |
| 21) Hexachlorobenzene          | 16.24 | 284 | 17352  | 3.243 | ng     | 99   |
| 22) Pentachlorophenol          | 16.58 | 266 | 6287   | 3.450 | ng     | 95   |
| 23) Phenanthrene               | 16.96 | 178 | 79573  | 3.388 | ng     | 99   |
| 24) Anthracene                 | 17.06 | 178 | 69621  | 3.499 | ng     | 100  |
| 26) Fluoranthene               | 18.99 | 202 | 93988  | 3.457 | ng     | 100  |
| 28) Pyrene                     | 19.36 | 202 | 90965  | 3.256 | ng     | 100  |
| 30) Benzo(a)anthracene         | 21.11 | 228 | 87417  | 3.377 | ng     | 98   |
| 31) Chrysene                   | 21.16 | 228 | 92940  | 3.162 | ng     | 98   |
| 32) Bis(2-ethylhexyl)phthalate | 21.07 | 149 | 26502  | 3.100 | ng     | 96   |
| 33) Indeno(1,2,3-cd)pyrene     | 25.39 | 276 | 107005 | 3.030 | ng     | 98   |
| 35) Benzo(b)fluoranthene       | 22.64 | 252 | 89557  | 3.548 | ng     | # 89 |
| 36) Benzo(k)fluoranthene       | 22.68 | 252 | 94073  | 3.387 | ng     | # 89 |
| 37) Benzo(a)pyrene             | 23.18 | 252 | 76879  | 3.411 | ng     | # 82 |
| 38) Dibenzo(a,h)anthracene     | 25.41 | 278 | 88944  | 3.504 | ng     | 92   |
| 39) Benzo(g,h,i)perylene       | 26.03 | 276 | 89274  | 3.401 | ng     | 97   |

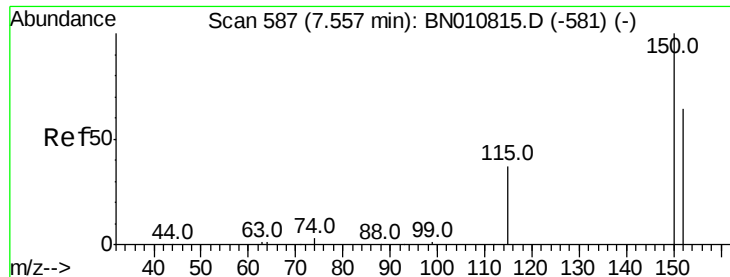
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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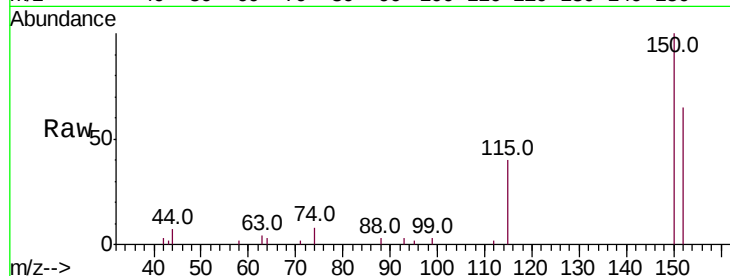


#1

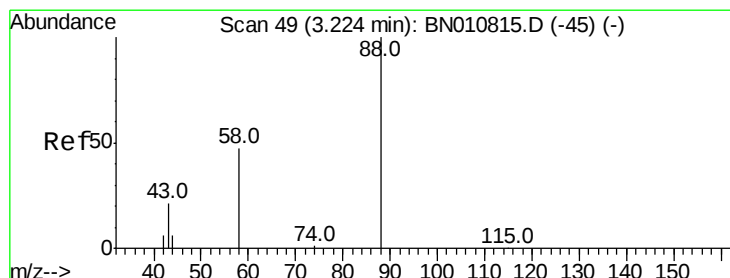
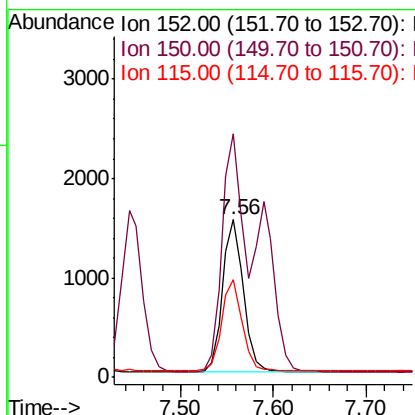
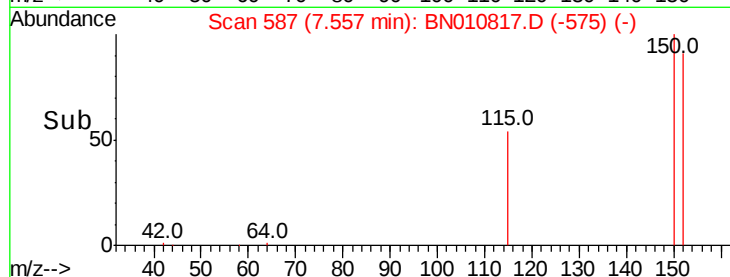
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.56 min Scan# 587  
Delta R.T. 0.00 min  
Lab File: BN010817.D  
Acq: 10 Jun 2020 14:02

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

Tot Ion:152 Resp: 2415  
Ion Ratio Lower Upper  
152 100  
150 154.6 123.8 185.6  
115 61.8 49.2 73.8



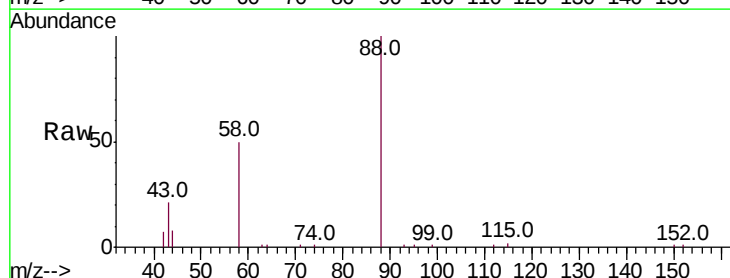
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



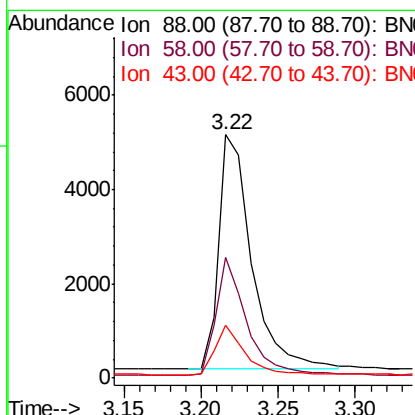
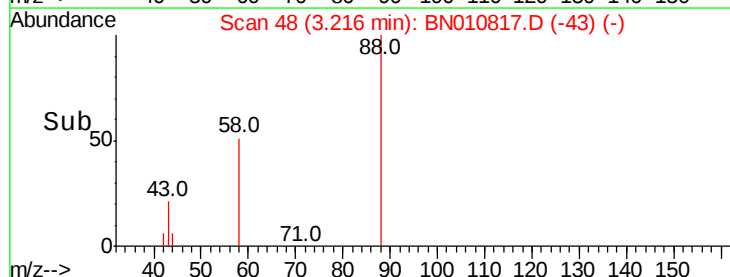
#2

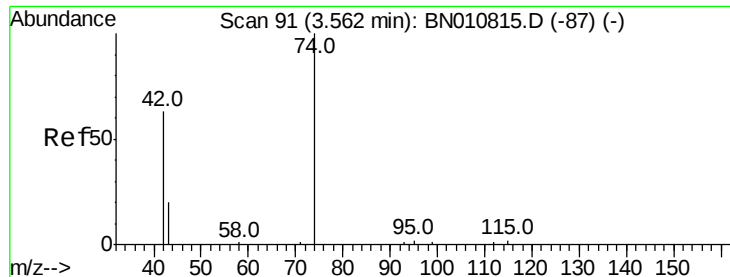
1,4-Dioxane  
Concen: 3.095 ng  
RT: 3.22 min Scan# 48  
Delta R.T. -0.01 min  
Lab File: BN010817.D  
Acq: 10 Jun 2020 14:02

Tgt Ion: 88 Resp: 7390  
Ion Ratio Lower Upper  
88 100  
58 47.4 38.2 57.4  
43 19.1 15.1 22.7



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: 3.577 ng

RT: 3.52 min Scan# 86

Delta R.T. -0.04 min

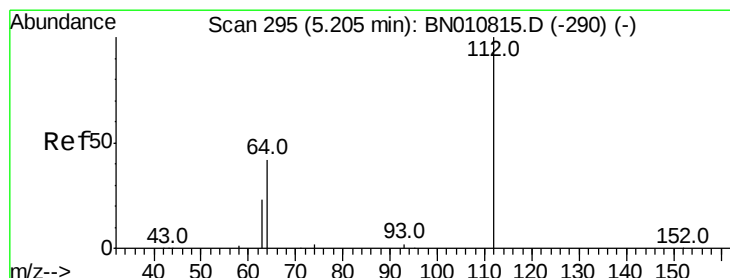
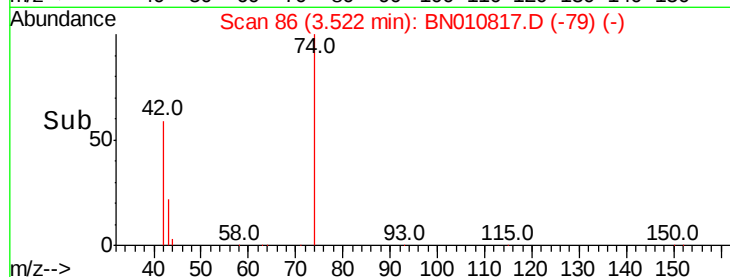
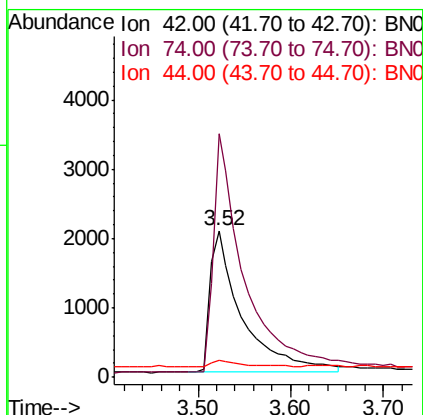
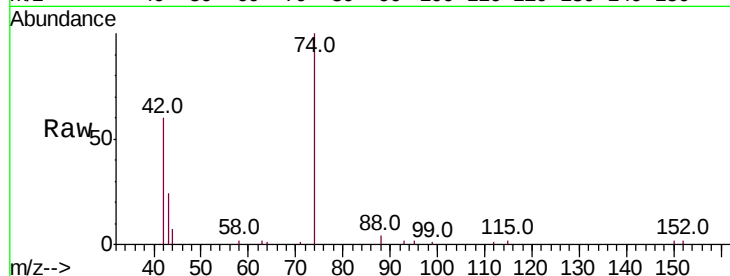
Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

Tot Ion: 42 Resp: 4973

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 165.9 | 140.7 | 211.1 |
| 44  | 4.0   | 1.4   | 2.2#  |



#4

2-Fluorophenol

Concen: 3.072 ng

RT: 5.20 min Scan# 294

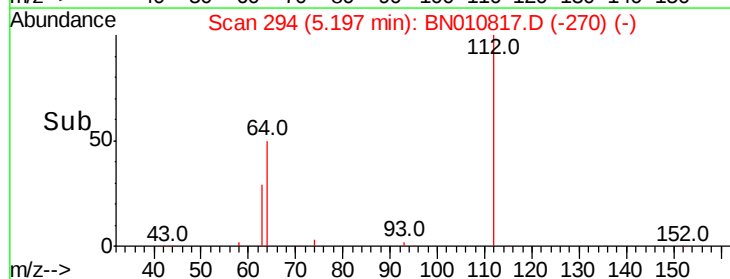
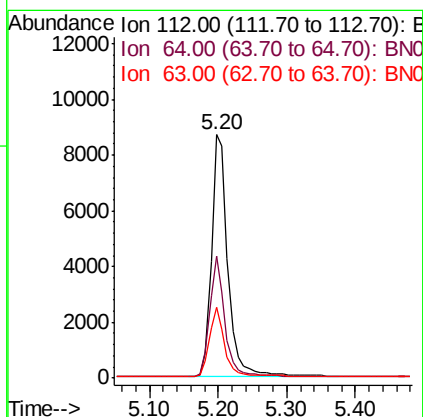
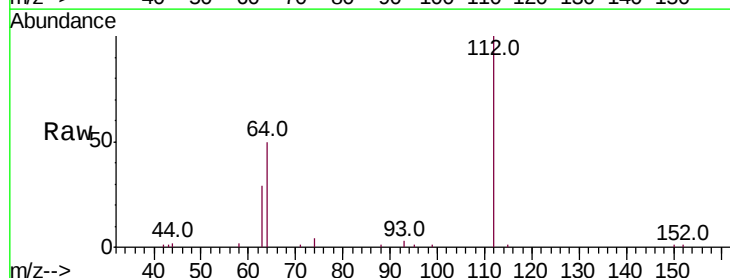
Delta R.T. -0.01 min

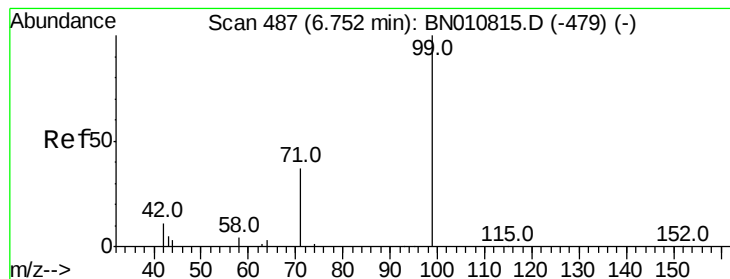
Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

Tgt Ion: 112 Resp: 14796

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 46.5  | 37.4  | 56.0  |
| 63  | 26.6  | 22.2  | 33.4  |





#5

Phenol-d6

Concen: 3.188 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

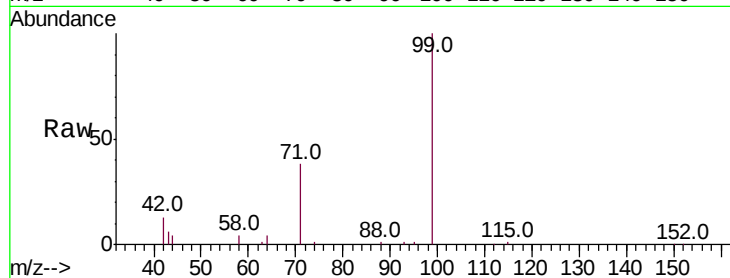
Tot Ion: 99 Resp: 18148

Ion Ratio Lower Upper

99 100

42 14.1 11.1 16.7

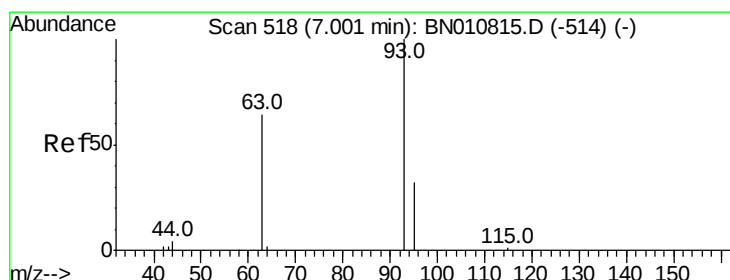
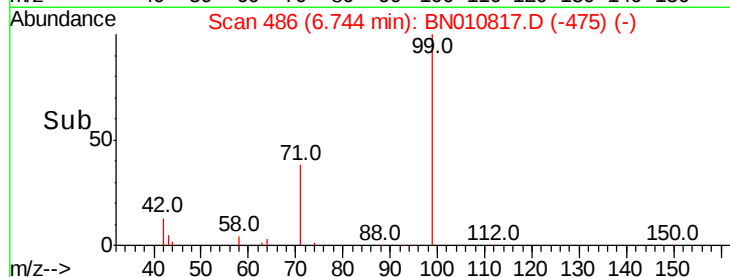
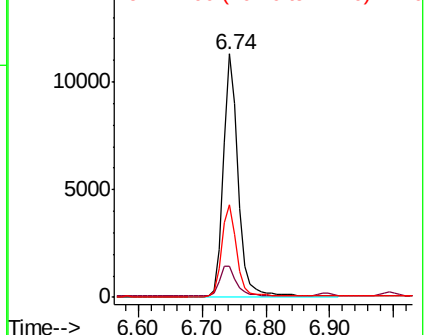
71 38.3 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010817.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010817.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010817.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.227 ng

RT: 6.99 min Scan# 517

Delta R.T. -0.01 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

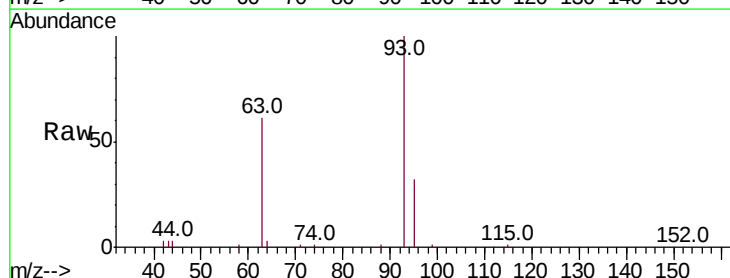
Tgt Ion: 93 Resp: 17504

Ion Ratio Lower Upper

93 100

63 57.9 49.4 74.2

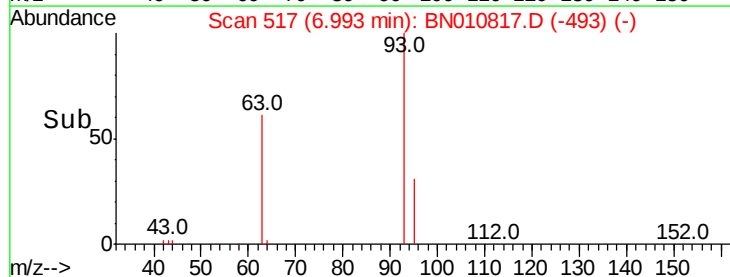
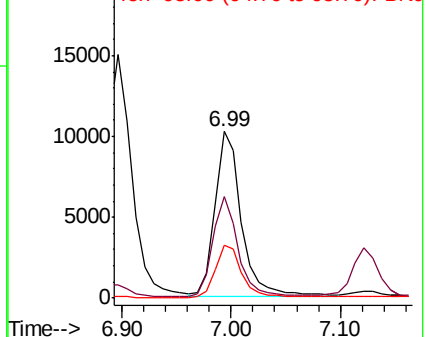
95 31.6 26.7 40.1

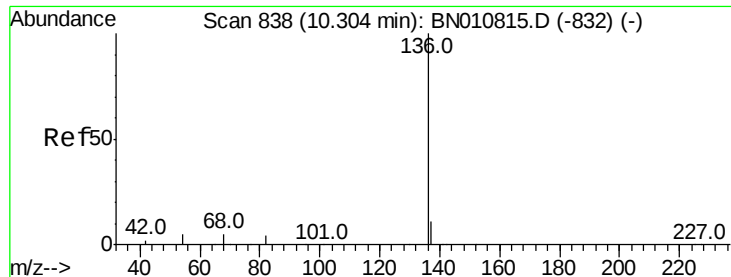


Abundance Ion 93.00 (92.70 to 93.70): BN010817.D (-493) (-)

Ion 63.00 (62.70 to 63.70): BN010817.D (-493) (-)

Ion 95.00 (94.70 to 95.70): BN010817.D (-493) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 7554

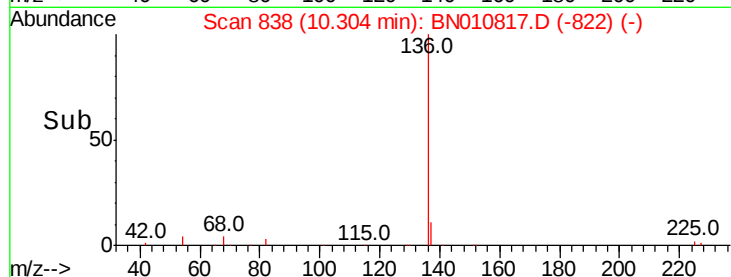
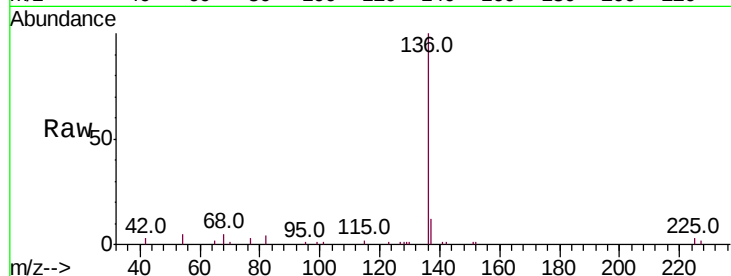
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 4.8 4.9 7.3#

68 5.3 4.7 7.1

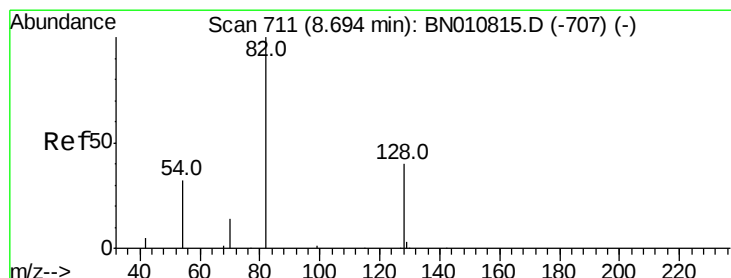
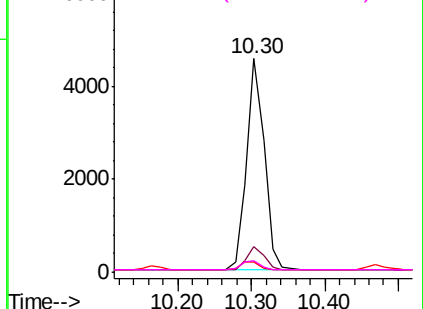


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.437 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.01 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

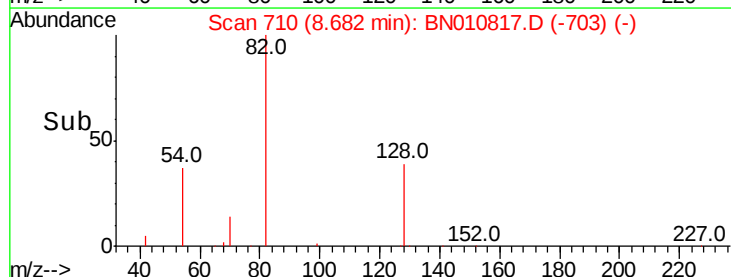
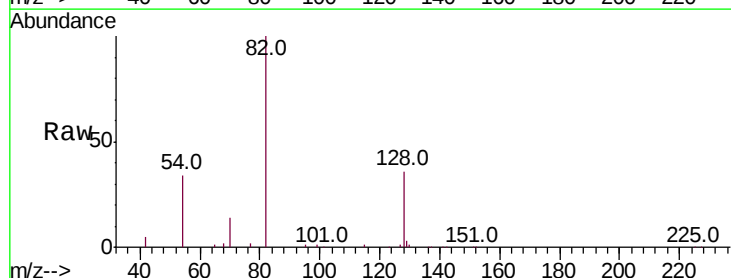
Tgt Ion: 82 Resp: 19042

Ion Ratio Lower Upper

82 100

128 36.3 35.4 53.0

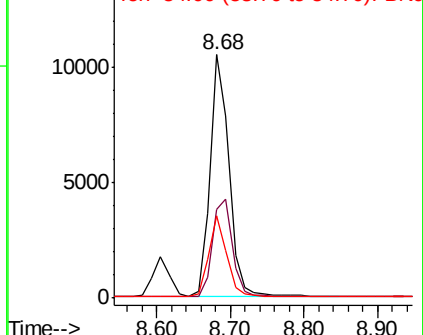
54 34.0 28.2 42.4

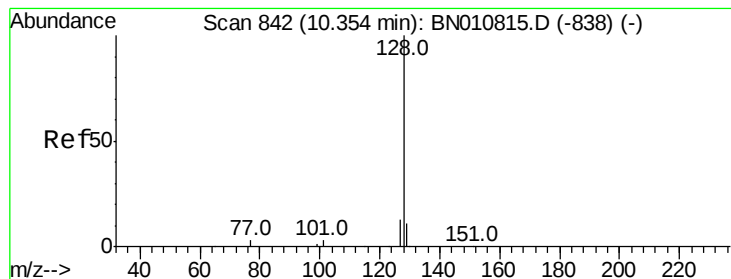


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 3.231 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

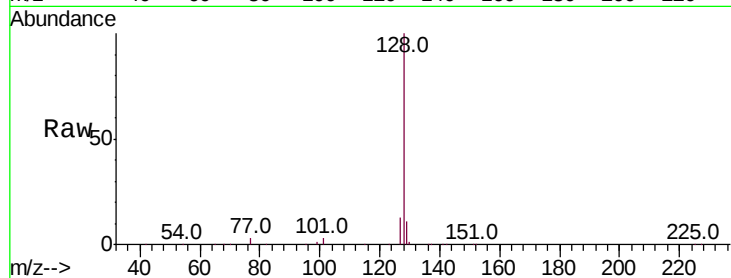
Tot Ion:128 Resp: 60785

Ion Ratio Lower Upper

128 100

129 11.1 9.6 14.4

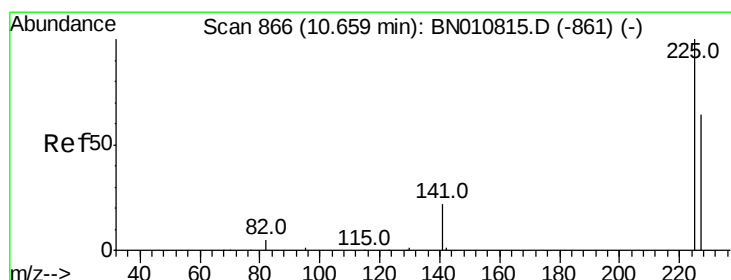
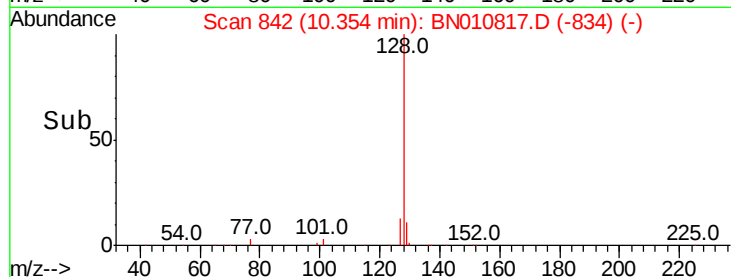
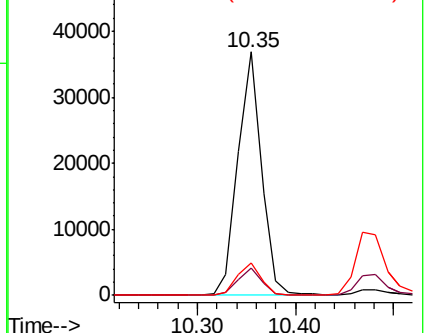
127 13.1 11.4 17.2



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: 3.210 ng

RT: 10.66 min Scan# 866

Delta R.T. 0.00 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

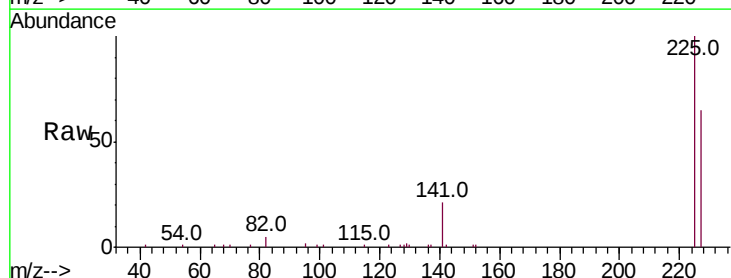
Tgt Ion:225 Resp: 14739

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

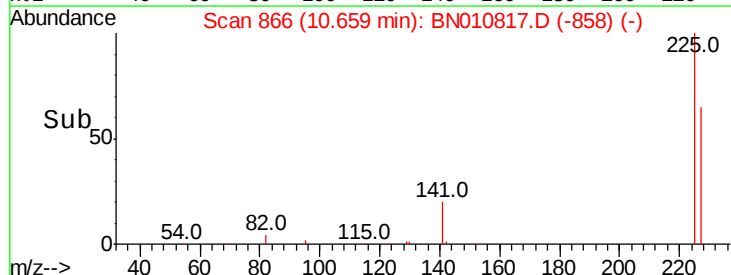
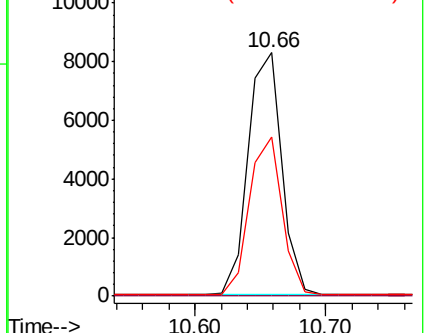
227 63.7 50.5 75.7

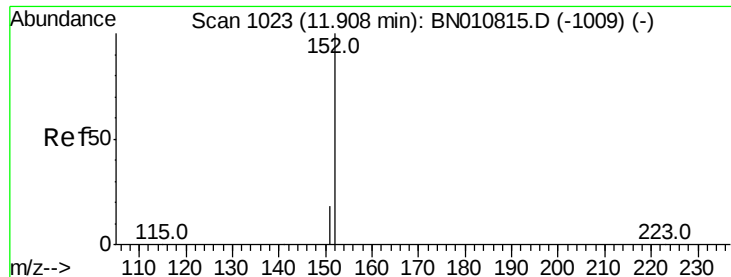


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

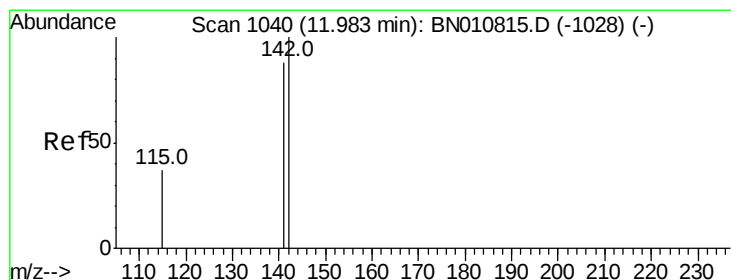
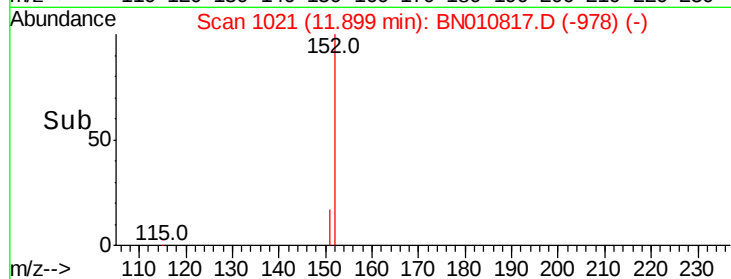
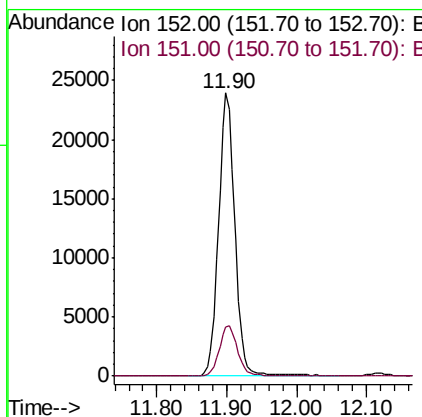
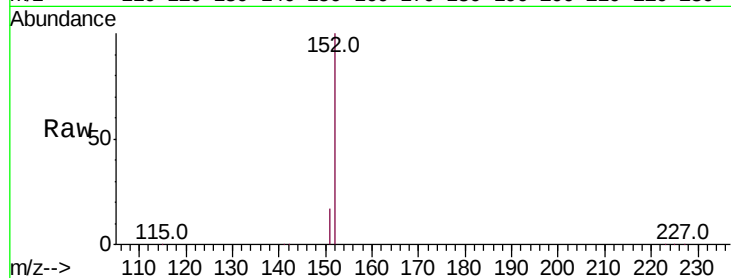




#11  
2-Methylnaphthalene-d10  
Concen: 3.362 ng  
RT: 11.90 min Scan# 1021  
Delta R.T. -0.01 min  
Lab File: BN010817.D  
Acq: 10 Jun 2020 14:02

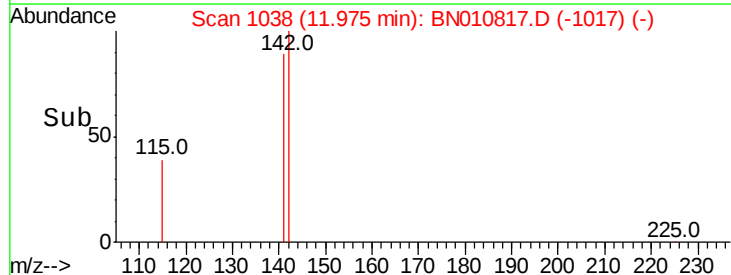
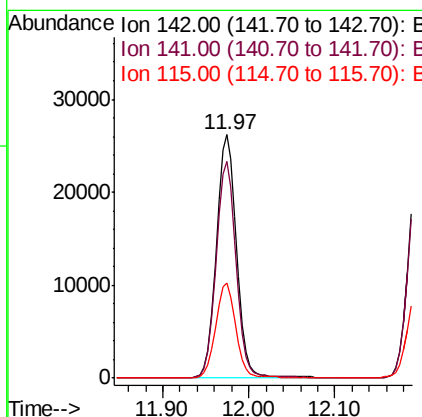
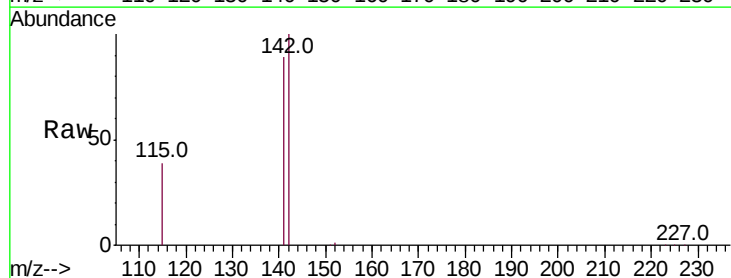
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

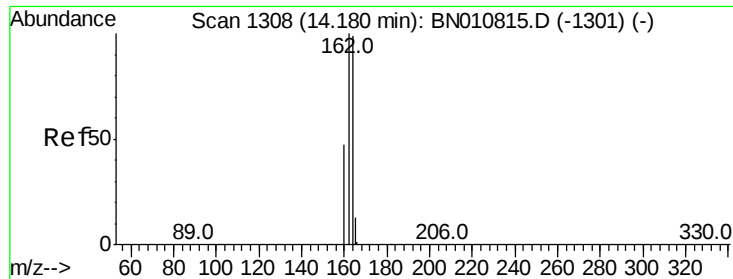
Tot Ion:152 Resp: 38513  
Ion Ratio Lower Upper  
152 100  
151 19.3 15.3 22.9



#12  
2-Methylnaphthalene  
Concen: 3.360 ng  
RT: 11.97 min Scan# 1038  
Delta R.T. -0.01 min  
Lab File: BN010817.D  
Acq: 10 Jun 2020 14:02

Tgt Ion:142 Resp: 41896  
Ion Ratio Lower Upper  
142 100  
141 88.9 70.8 106.2  
115 38.9 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

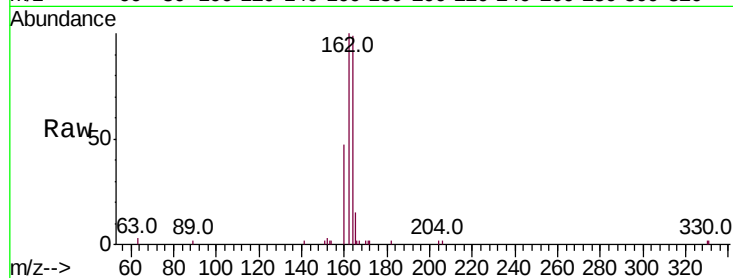
Tot Ion:164 Resp: 4292

Ion Ratio Lower Upper

164 100

162 100.7 81.0 121.6

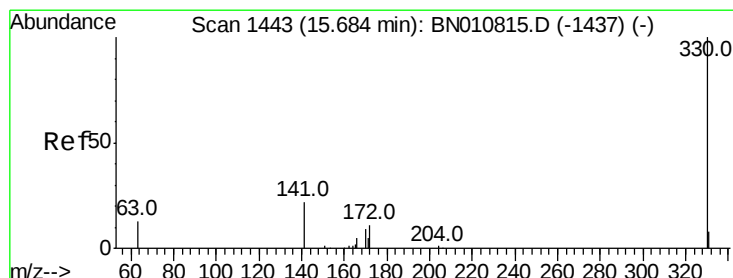
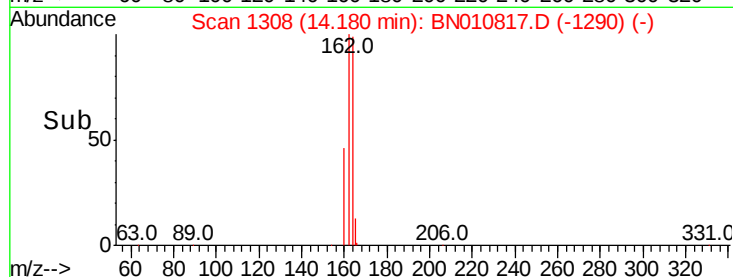
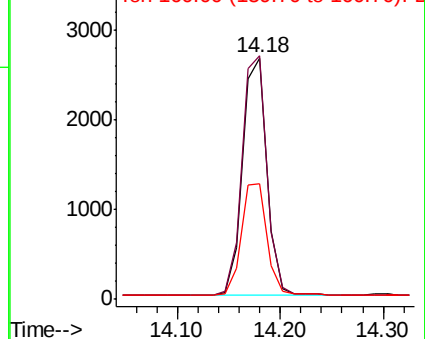
160 47.7 38.9 58.3



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: 3.616 ng

RT: 15.67 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

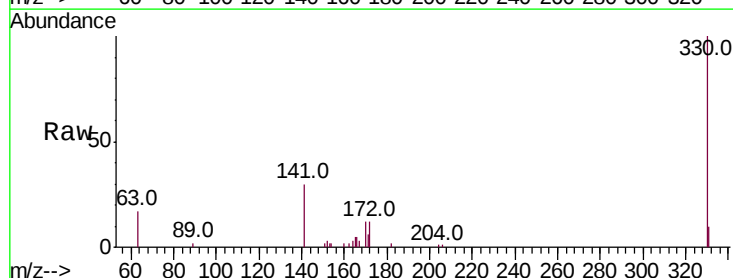
Tgt Ion:330 Resp: 5424

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

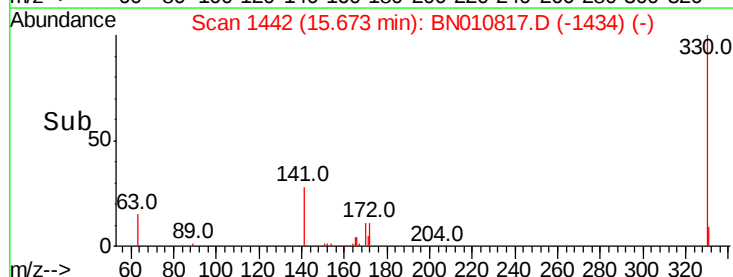
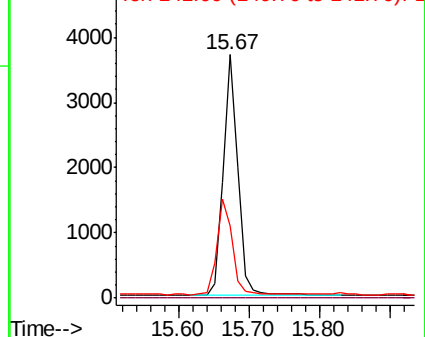
141 41.4 33.2 49.8

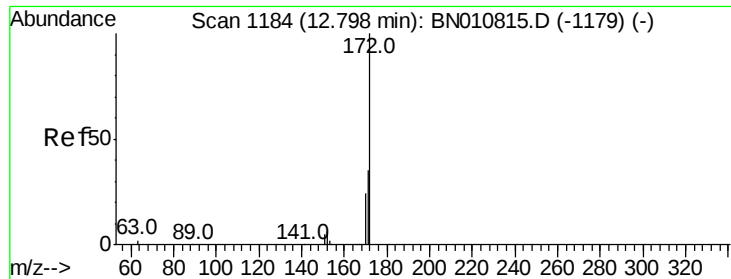


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

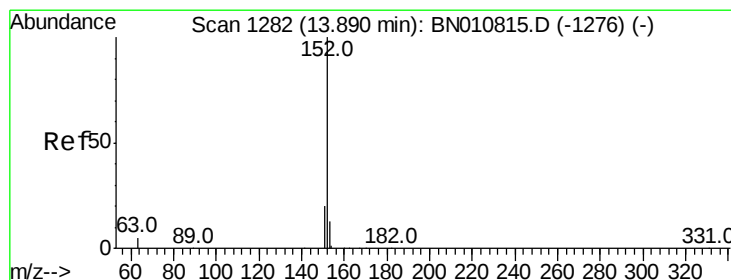
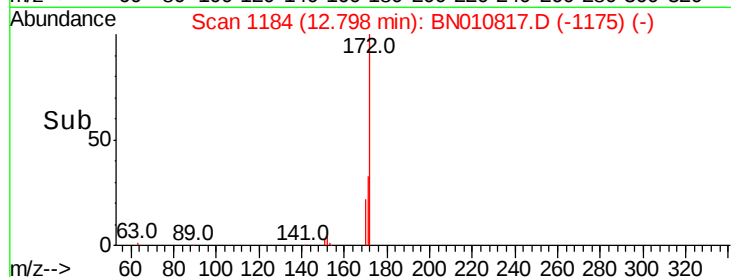
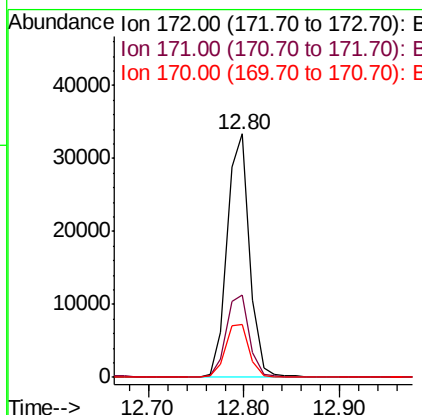
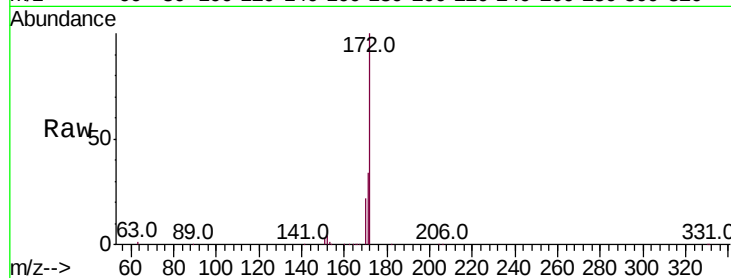




#15  
2-Fluorobiphenyl  
Concen: 3.254 ng  
RT: 12.80 min Scan# 1184  
Delta R.T. 0.00 min  
Lab File: BN010817.D  
Acq: 10 Jun 2020 14:02

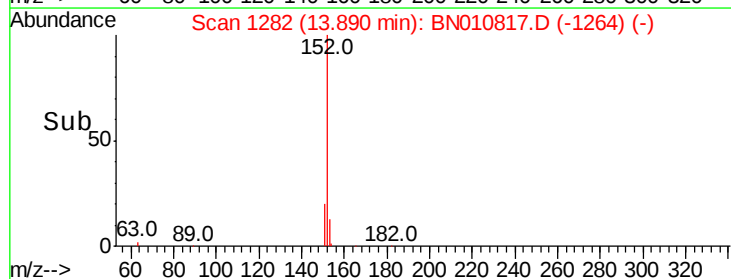
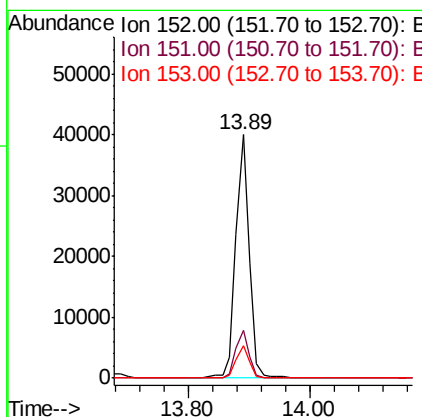
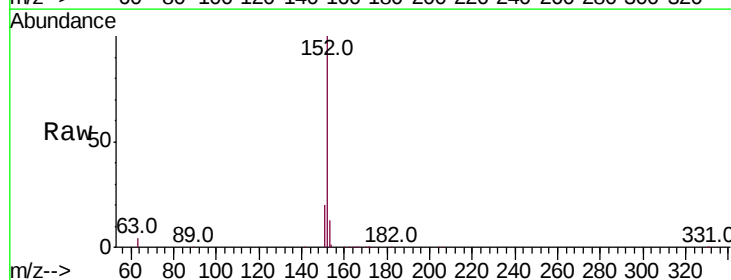
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

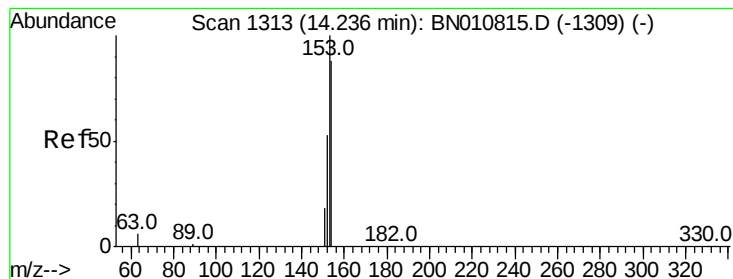
Tot Ion:172 Resp: 54415  
Ion Ratio Lower Upper  
172 100  
171 33.6 28.5 42.7  
170 21.8 19.7 29.5



#16  
Acenaphthylene  
Concen: 3.479 ng  
RT: 13.89 min Scan# 1282  
Delta R.T. 0.00 min  
Lab File: BN010817.D  
Acq: 10 Jun 2020 14:02

Tgt Ion:152 Resp: 60514  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.6 23.4  
153 13.1 10.6 16.0





#17

Acenaphthene

Concen: 3.280 ng

RT: 14.24 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

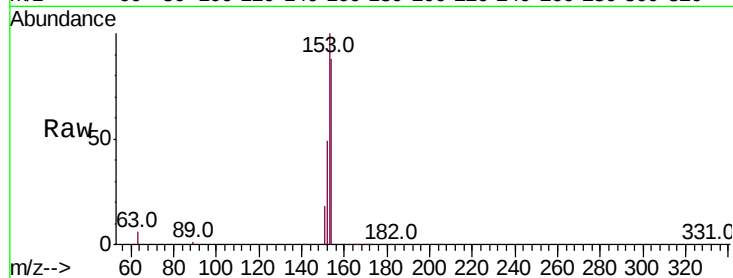
Tot Ion:154 Resp: 38677

Ion Ratio Lower Upper

154 100

153 113.5 91.8 137.6

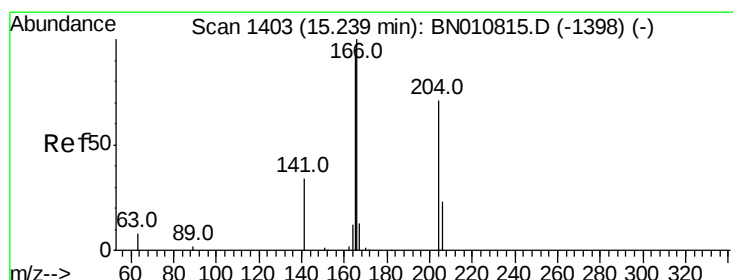
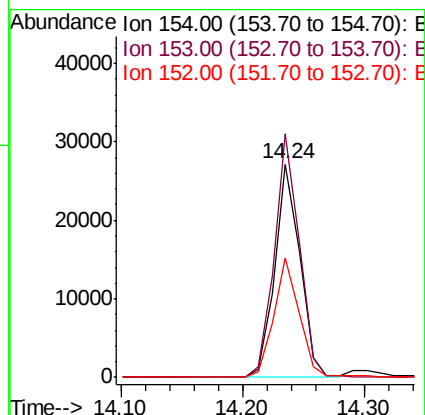
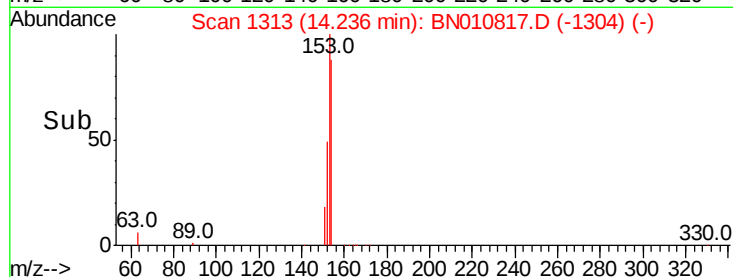
152 56.6 47.6 71.4



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: 3.332 ng

RT: 15.23 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

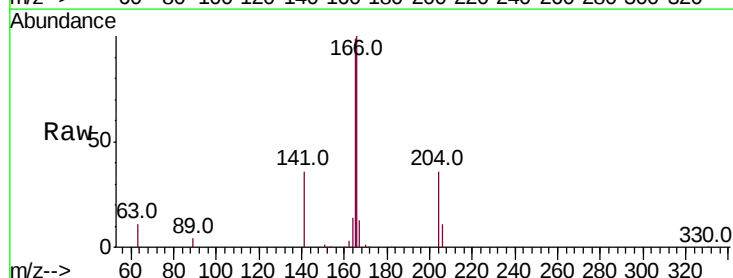
Tgt Ion:166 Resp: 50984

Ion Ratio Lower Upper

166 100

165 97.7 77.2 115.8

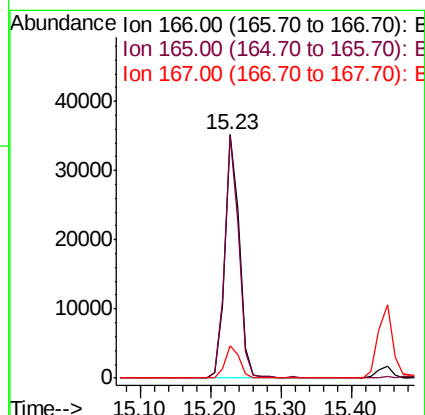
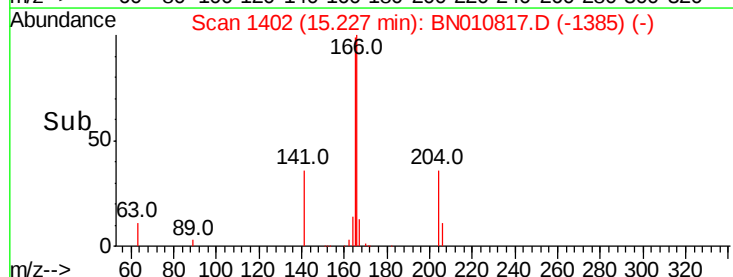
167 13.4 10.7 16.1

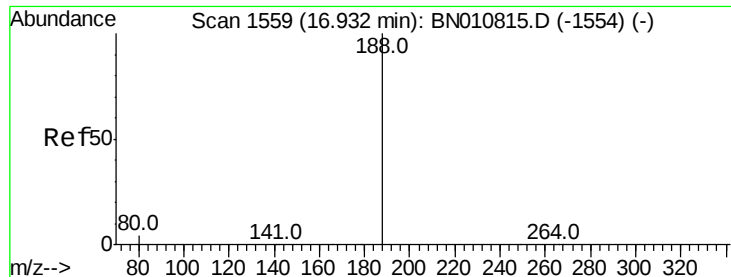


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.92 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

Instrument :

BNA\_N

ClientSampleId :

SSTDIC3.2

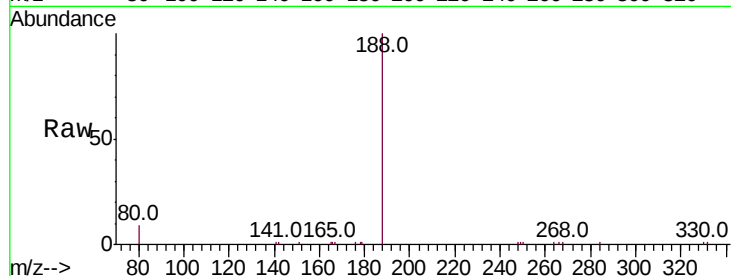
Tot Ion:188 Resp: 8689

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

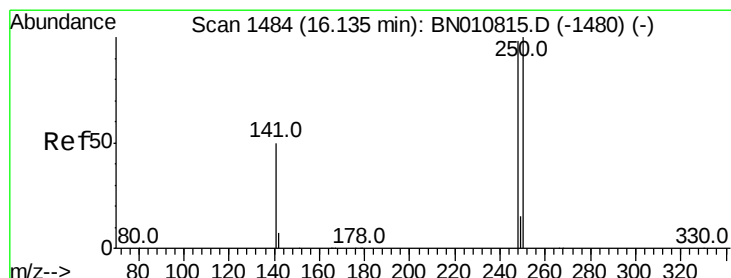
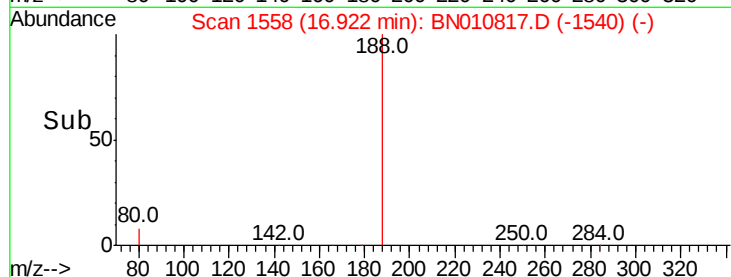
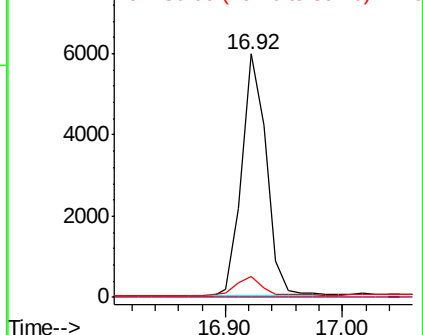
80 8.7 4.5 6.7#



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: 3.494 ng

RT: 16.12 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

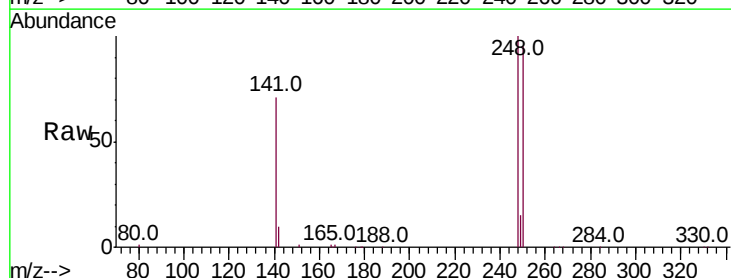
Tgt Ion:248 Resp: 17702

Ion Ratio Lower Upper

248 100

250 94.7 81.8 122.8

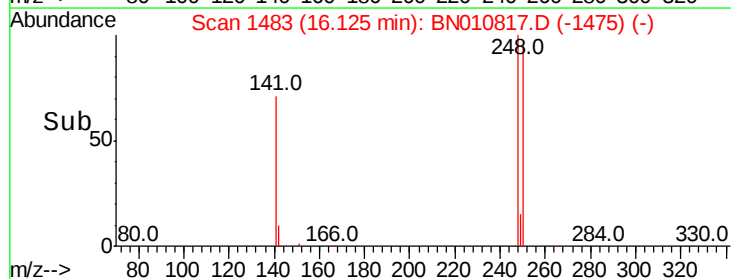
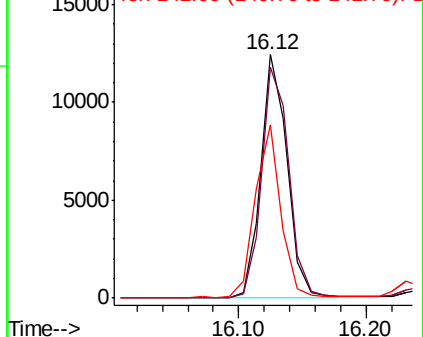
141 71.3 42.6 64.0#

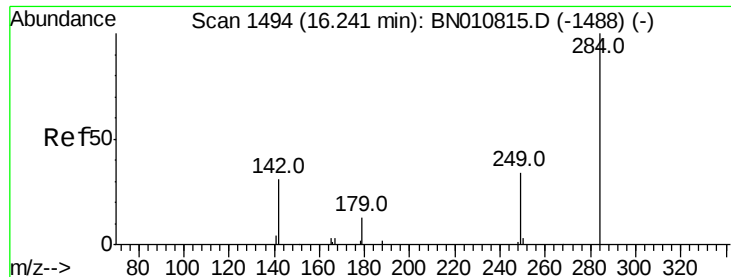


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

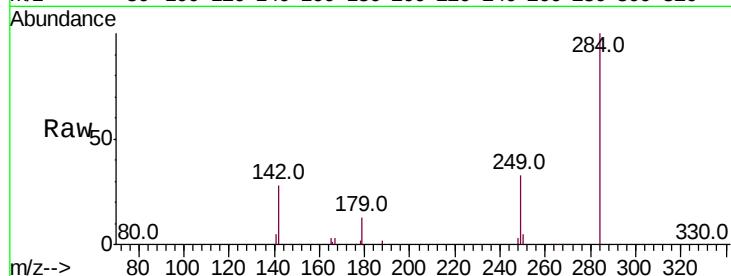




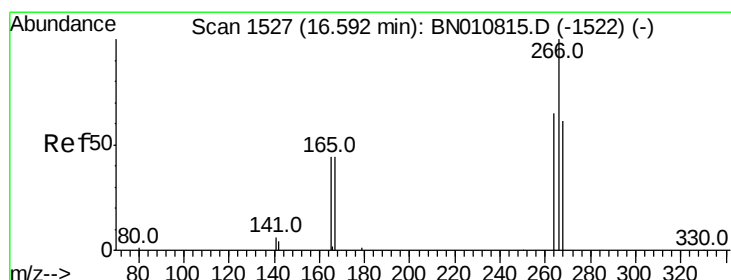
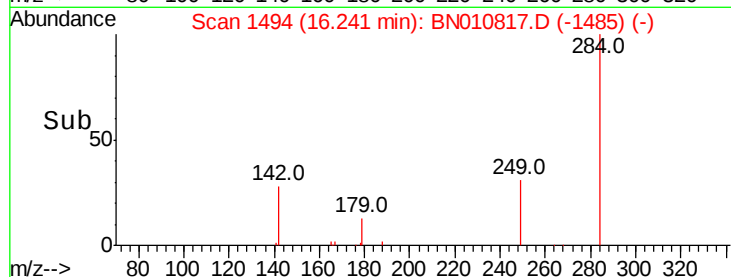
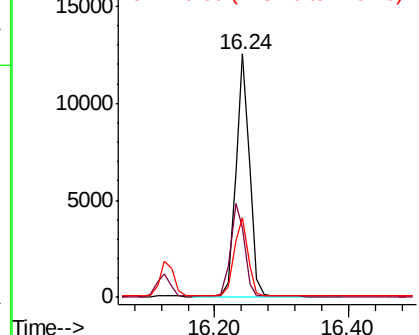
#21  
Hexachlorobenzene  
Concen: 3.243 ng  
RT: 16.24 min Scan# 1494  
Delta R.T. 0.00 min  
Lab File: BN010817.D  
Acq: 10 Jun 2020 14:02

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

Tot Ion:284 Resp: 17352  
Ion Ratio Lower Upper  
284 100  
142 39.5 31.0 46.4  
249 34.0 27.1 40.7

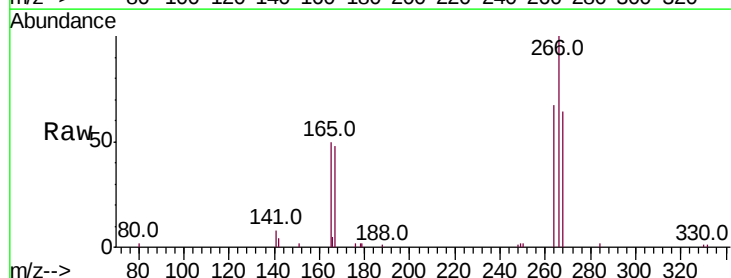


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

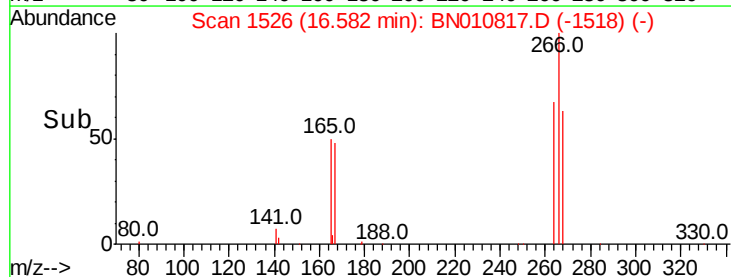
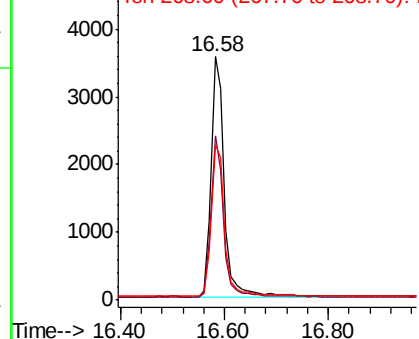


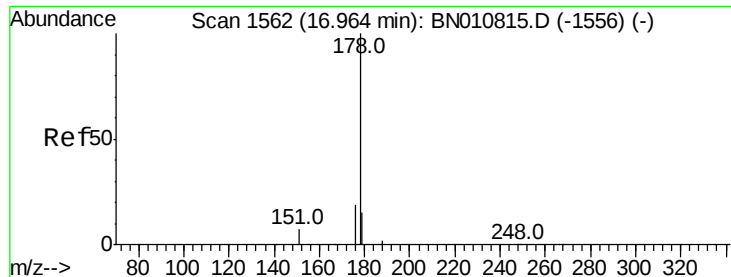
#22  
Pentachlorophenol  
Concen: 3.450 ng  
RT: 16.58 min Scan# 1526  
Delta R.T. -0.01 min  
Lab File: BN010817.D  
Acq: 10 Jun 2020 14:02

Tgt Ion:266 Resp: 6287  
Ion Ratio Lower Upper  
266 100  
264 67.3 54.8 82.2  
268 63.6 55.9 83.9



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: 3.388 ng

RT: 16.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

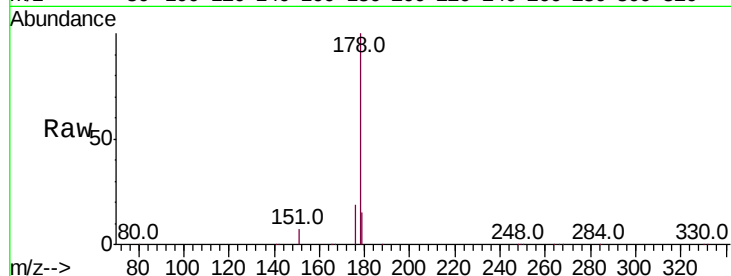
Tot Ion:178 Resp: 79573

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

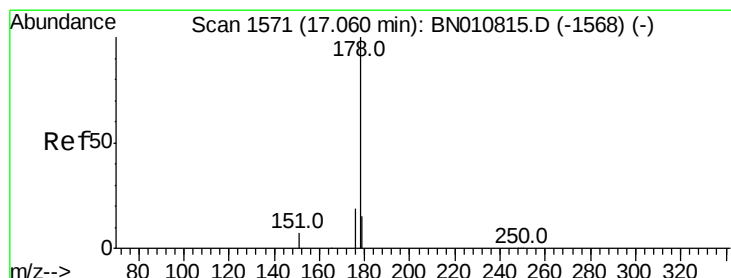
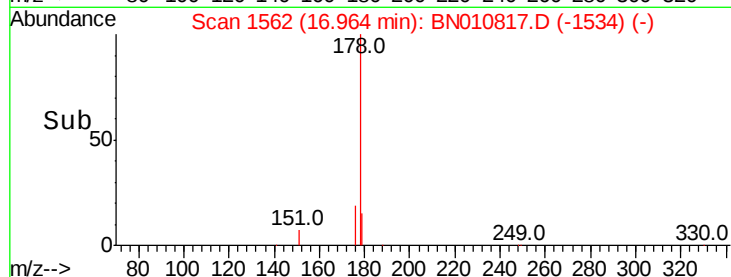
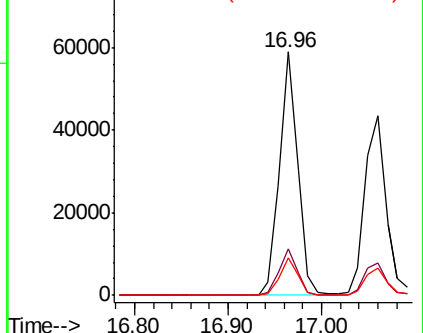
179 15.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 3.499 ng

RT: 17.06 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

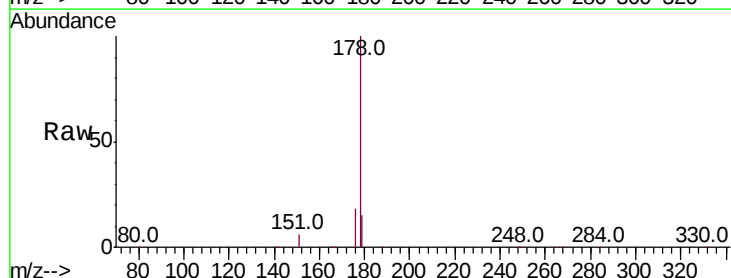
Tgt Ion:178 Resp: 69621

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

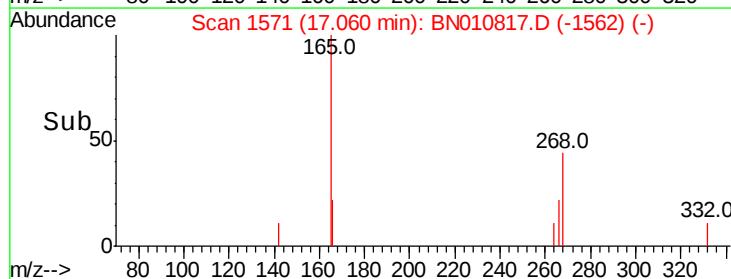
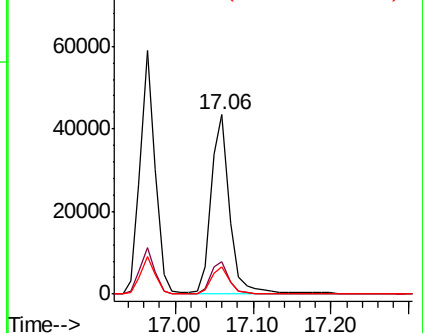
179 15.4 12.3 18.5

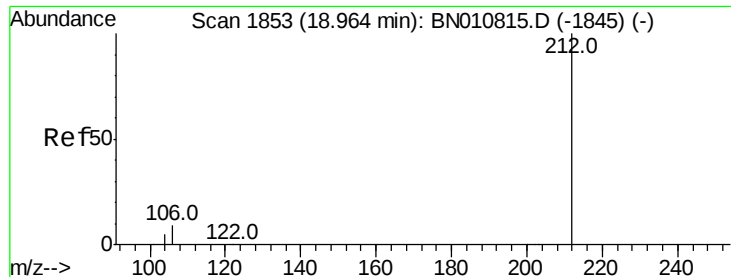


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.400 ng

RT: 18.96 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

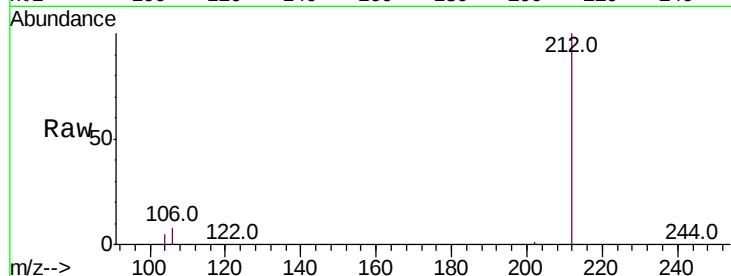
Tot Ion:212 Resp: 82009

Ion Ratio Lower Upper

212 100

106 8.7 6.6 10.0

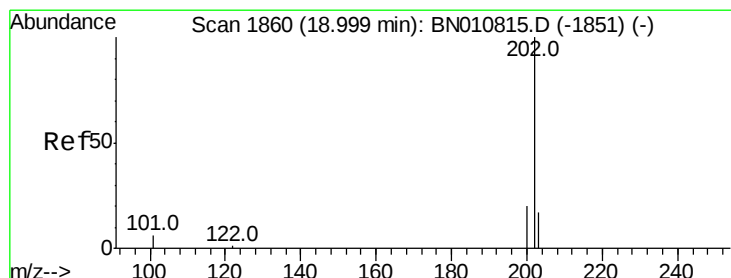
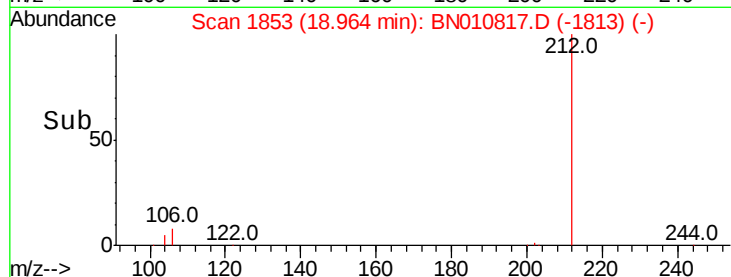
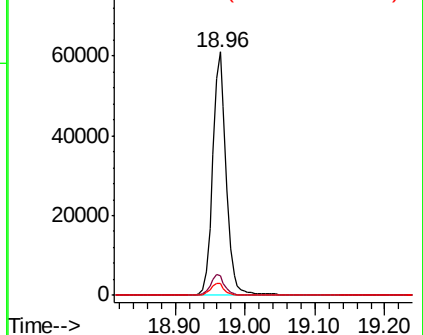
104 5.0 4.0 6.0



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: 3.457 ng

RT: 18.99 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

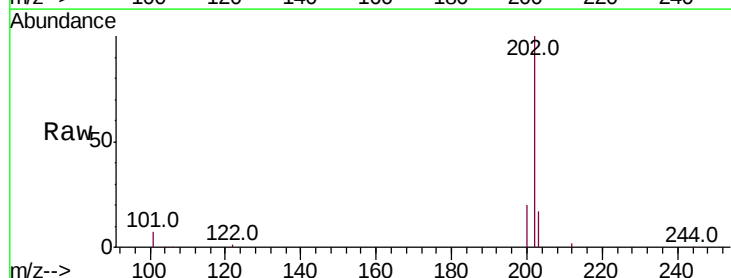
Tgt Ion:202 Resp: 93988

Ion Ratio Lower Upper

202 100

101 7.6 5.8 8.6

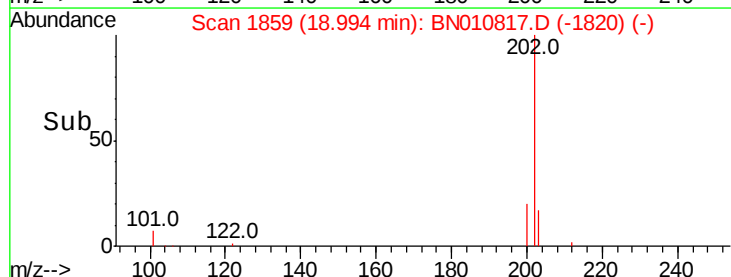
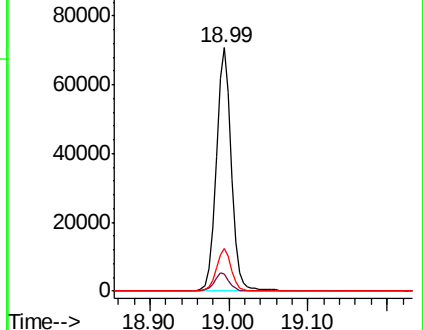
203 17.2 13.7 20.5

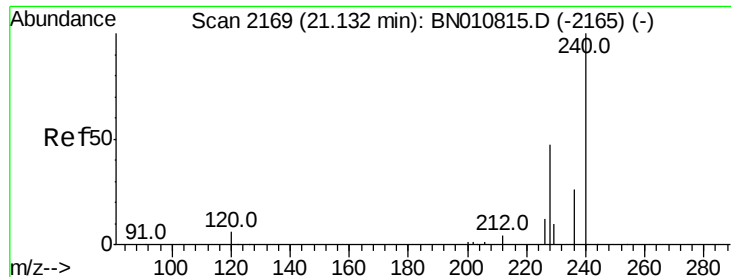


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

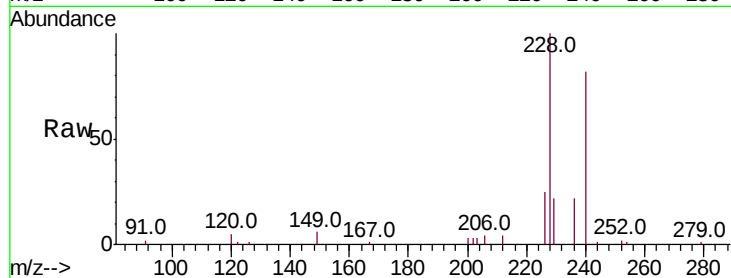
Tot Ion:240 Resp: 8815

Ion Ratio Lower Upper

240 100

120 6.4 7.5 11.3#

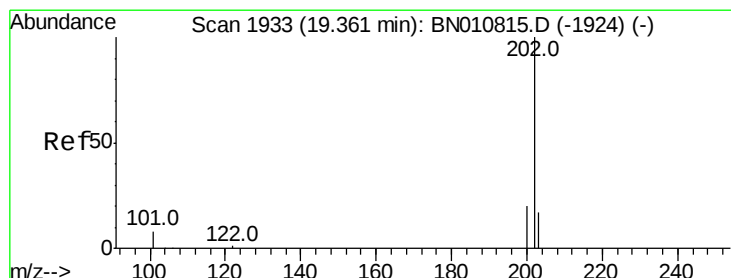
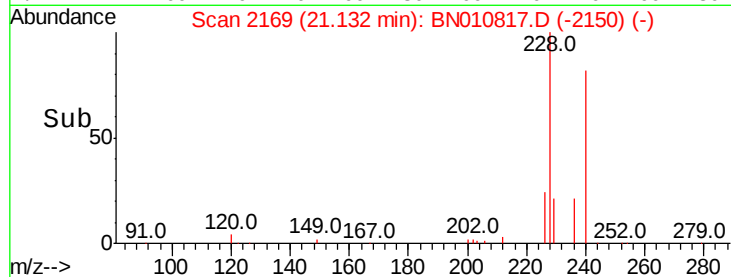
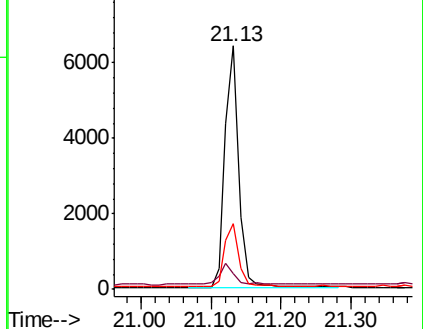
236 27.1 22.3 33.5



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: 3.256 ng

RT: 19.36 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

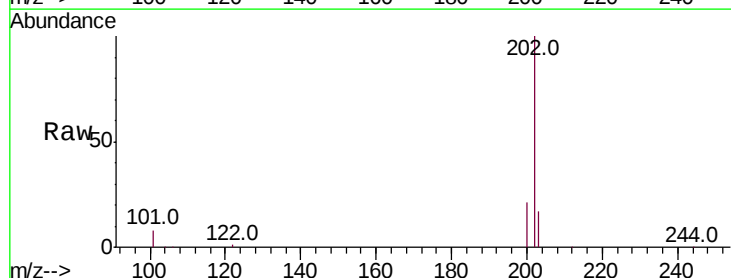
Tgt Ion:202 Resp: 90965

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

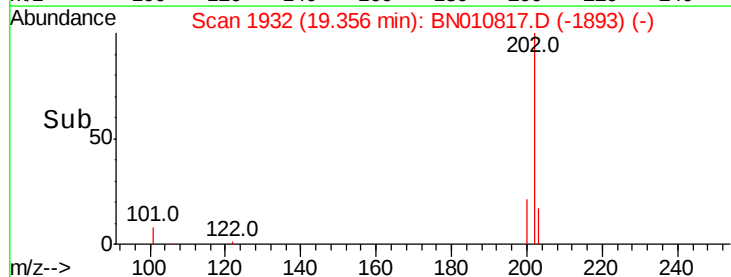
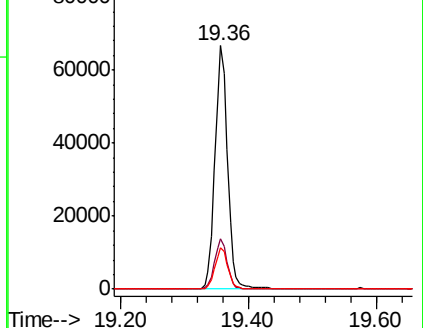
203 17.4 14.2 21.4

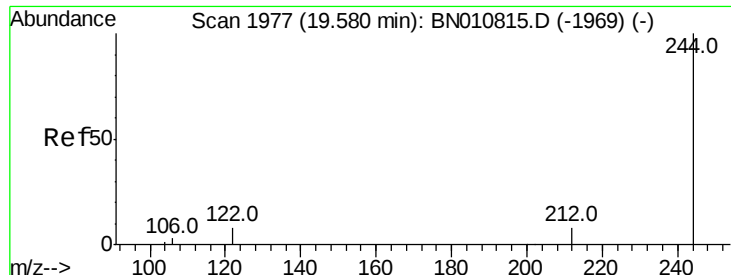


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.274 ng

RT: 19.57 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

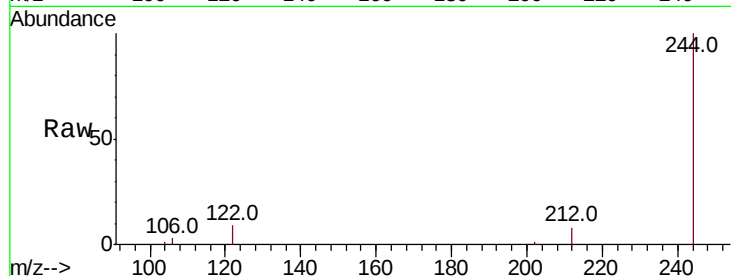
Tot Ion:244 Resp: 64339

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.2

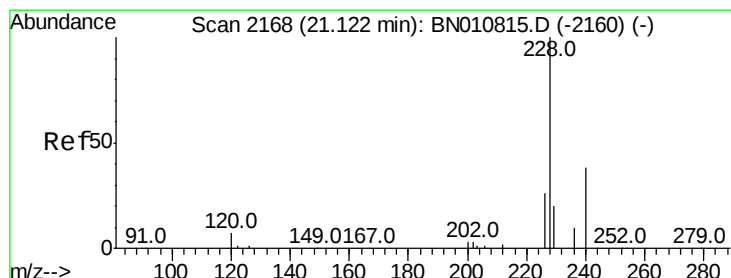
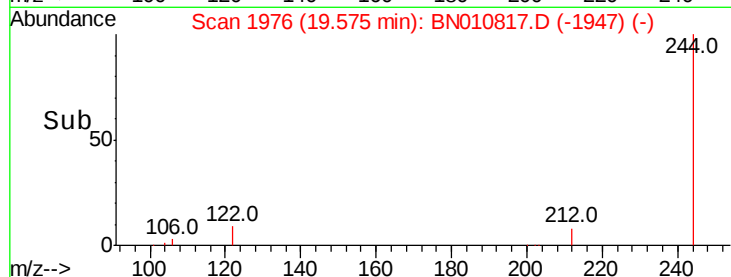
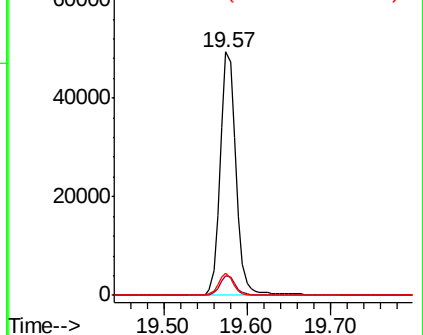
122 9.0 7.5 11.3



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: 3.377 ng

RT: 21.11 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

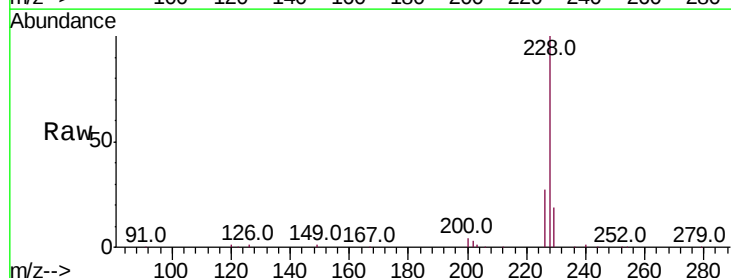
Tgt Ion:228 Resp: 87417

Ion Ratio Lower Upper

228 100

226 27.1 21.3 31.9

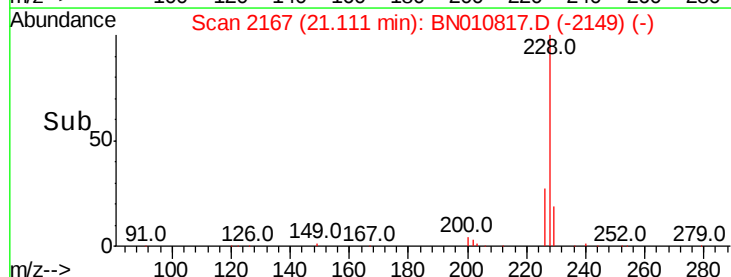
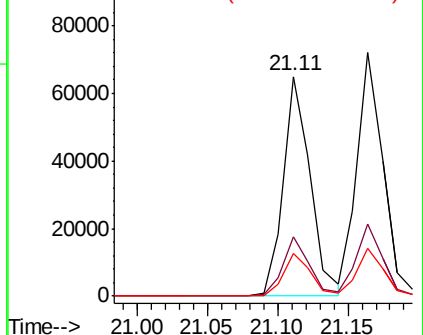
229 19.3 16.6 24.8

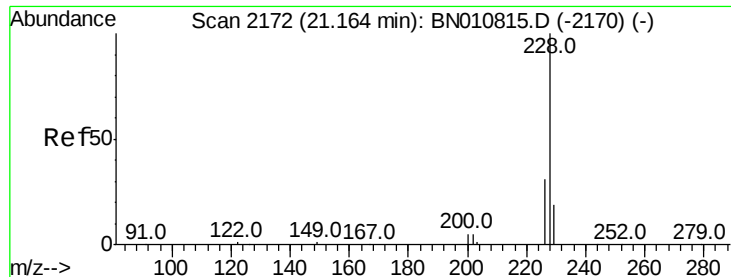


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.162 ng

RT: 21.16 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

Instrument :

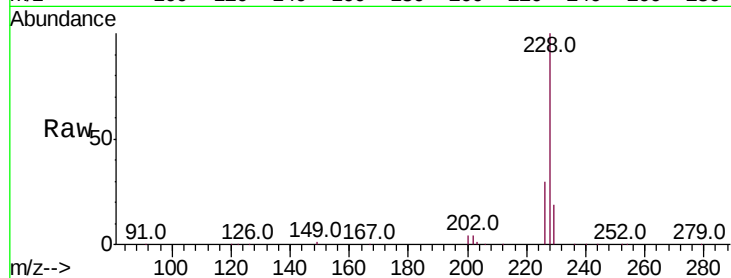
BNA\_N

ClientSampleId :

SSTDICC3.2

Tot Ion:228 Resp: 92940

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.6  | 25.0  | 37.6  |
| 229 | 19.4  | 16.1  | 24.1  |

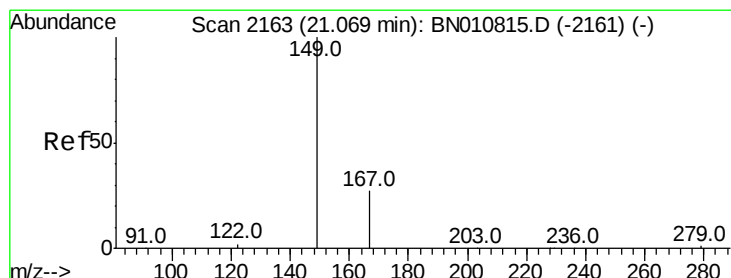
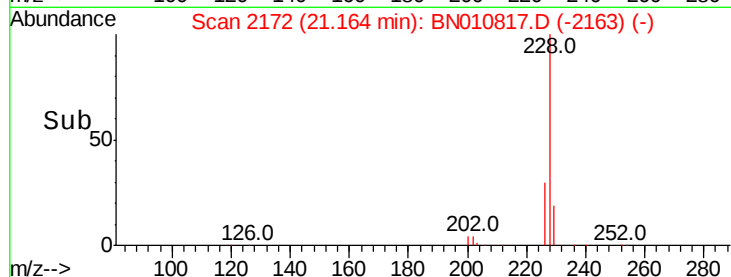
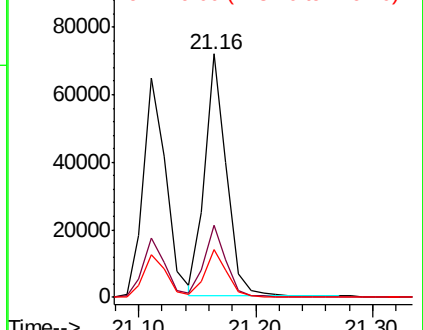


Abundance

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: 3.100 ng

RT: 21.07 min Scan# 2163

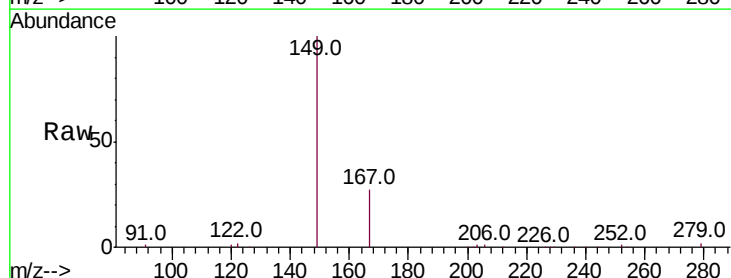
Delta R.T. 0.00 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

Tgt Ion:149 Resp: 26502

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.8  | 24.1  | 36.1  |
| 279 | 4.9   | 4.6   | 7.0   |

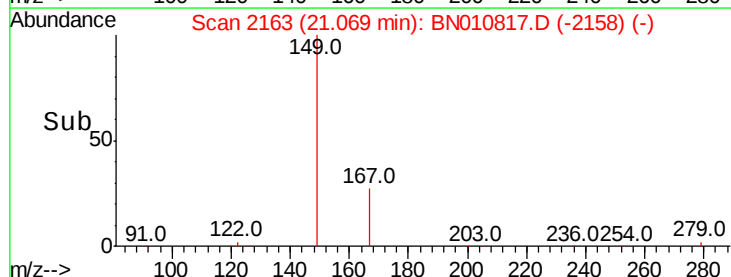
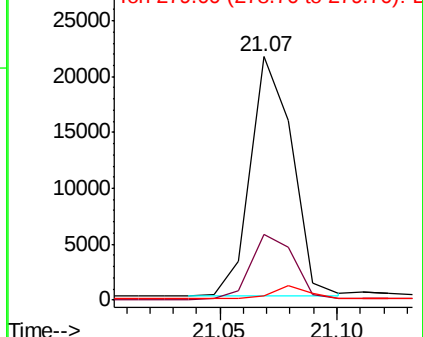


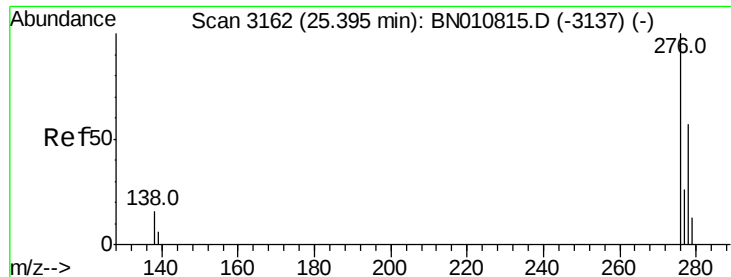
Abundance

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

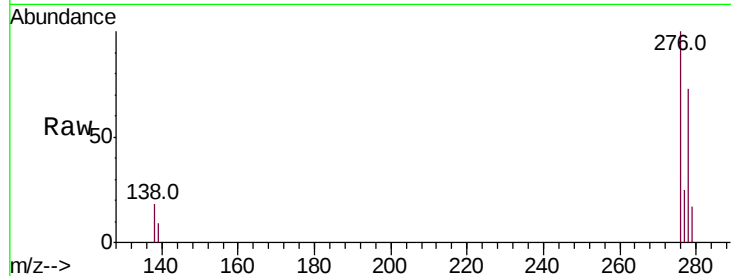




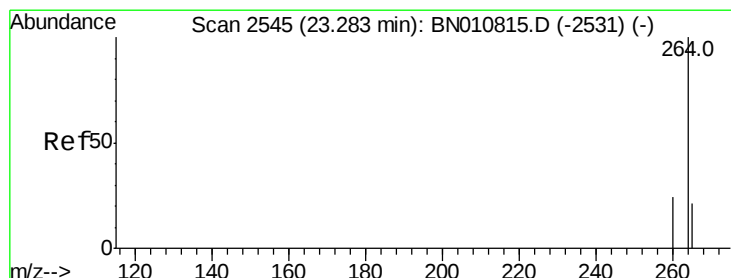
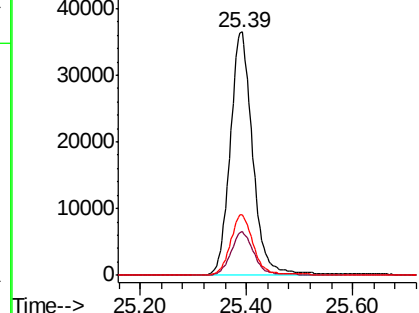
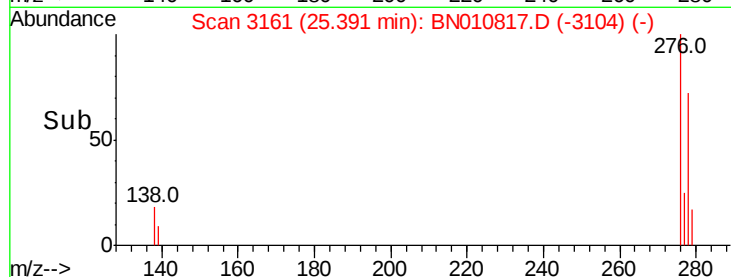
#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 3.030 ng  
 RT: 25.39 min Scan# 3161  
 Delta R.T. -0.00 min  
 Lab File: BN010817.D  
 Acq: 10 Jun 2020 14:02

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC3.2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 17.9  | 13.0  | 19.6  |
| 277     | 25.0  | 19.7  | 29.5  |

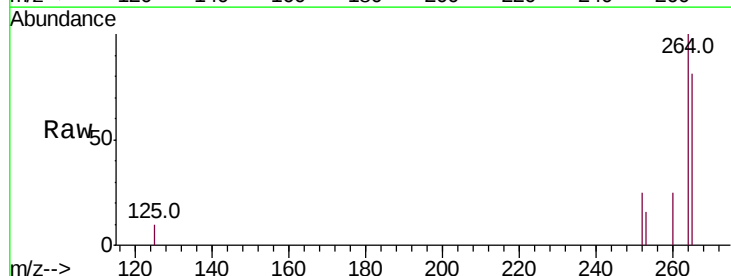


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

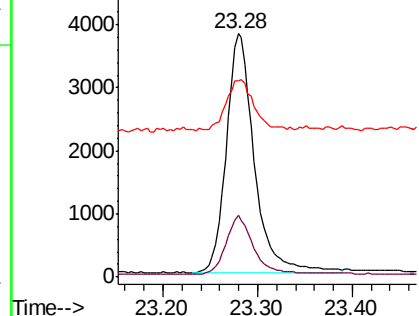
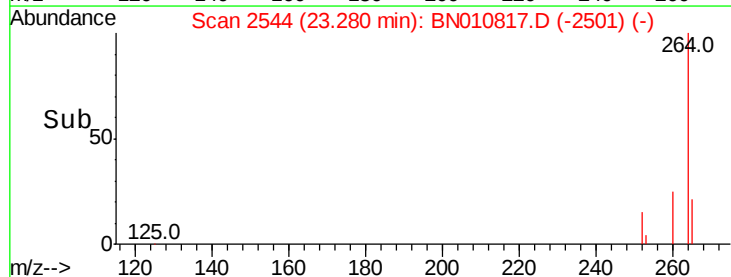


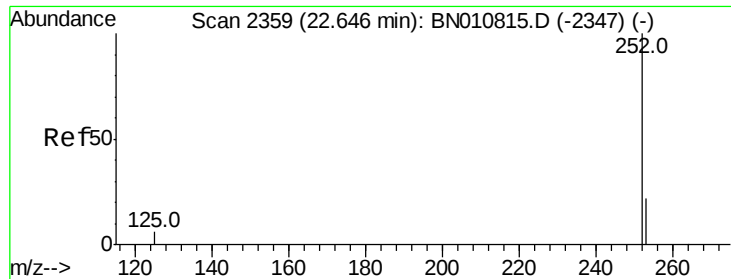
#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.28 min Scan# 2544  
 Delta R.T. -0.00 min  
 Lab File: BN010817.D  
 Acq: 10 Jun 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.5  | 20.4  | 30.6  |
| 265     | 80.8  | 75.0  | 112.4 |



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: 3.548 ng

RT: 22.64 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

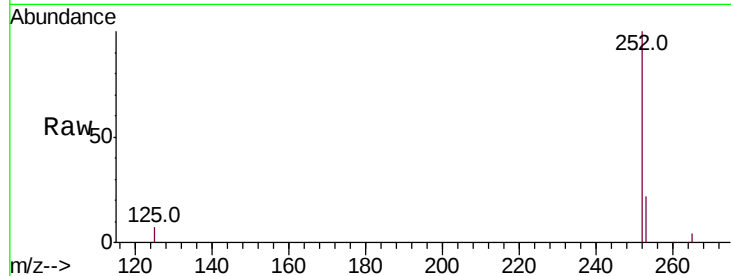
Tot Ion:252 Resp: 89557

Ion Ratio Lower Upper

252 100

253 22.2 22.4 33.6#

125 7.5 9.4 14.0#

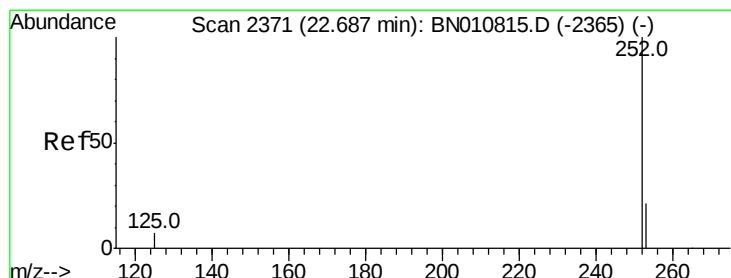
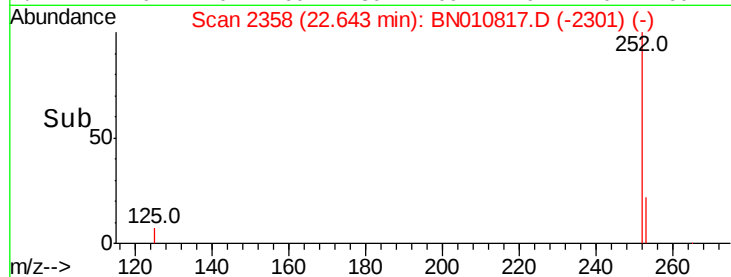
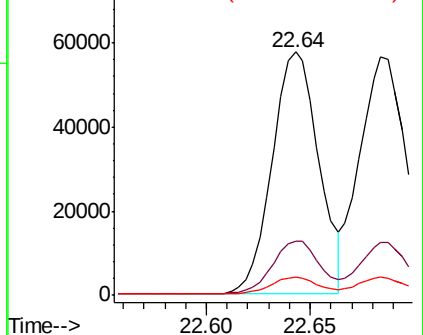


Abundance

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: 3.387 ng

RT: 22.68 min Scan# 2370

Delta R.T. -0.00 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

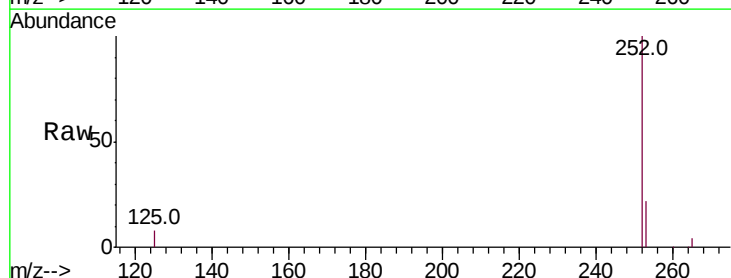
Tgt Ion:252 Resp: 94073

Ion Ratio Lower Upper

252 100

253 22.1 22.2 33.4#

125 7.5 9.8 14.8#

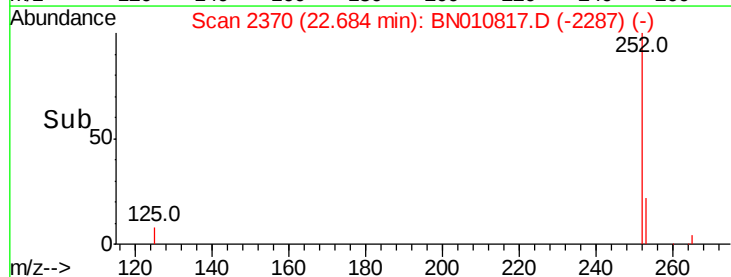
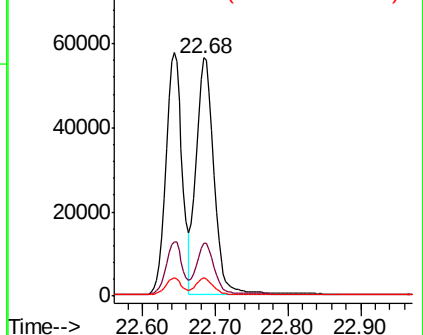


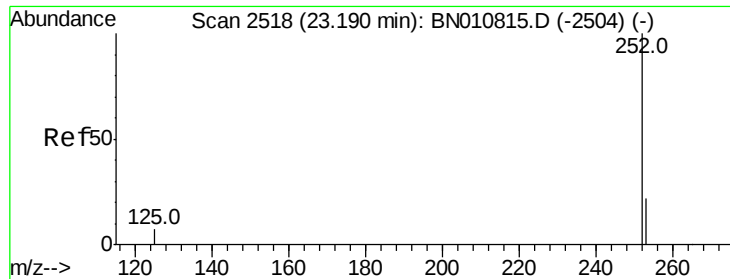
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 3.411 ng

RT: 23.18 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

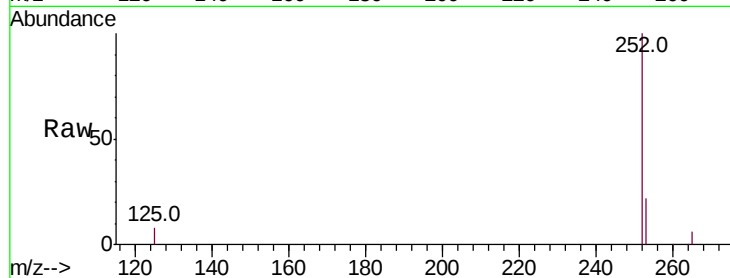
Tot Ion:252 Resp: 76879

Ion Ratio Lower Upper

252 100

253 22.3 25.8 38.8#

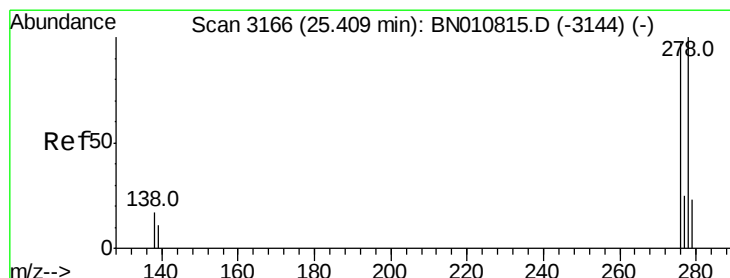
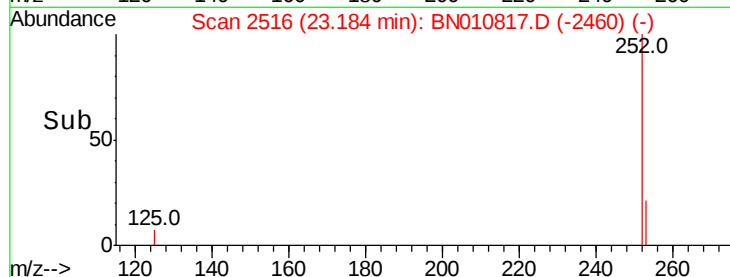
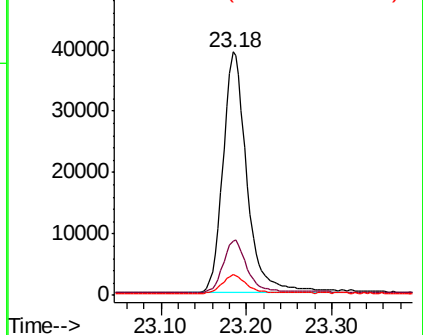
125 8.3 12.4 18.6#



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: 3.504 ng

RT: 25.41 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

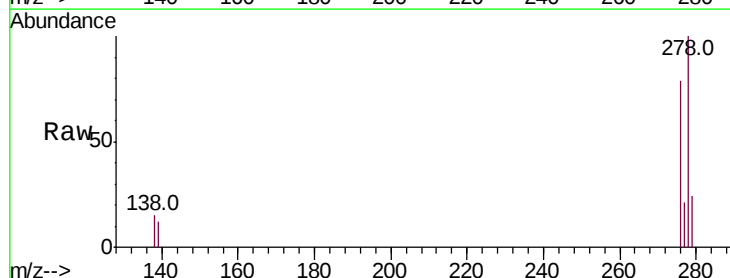
Tgt Ion:278 Resp: 88944

Ion Ratio Lower Upper

278 100

139 11.5 10.6 15.8

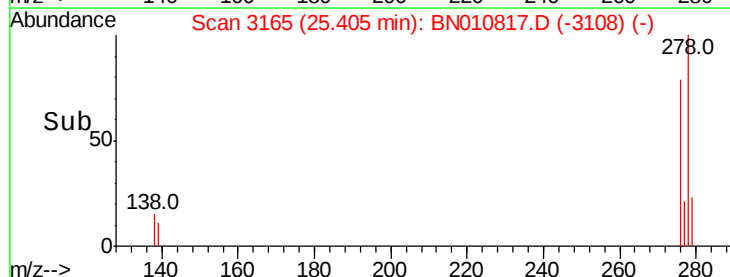
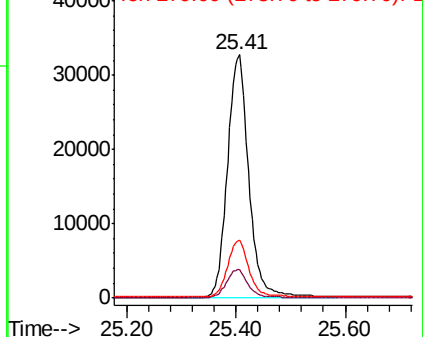
279 24.0 23.6 35.4

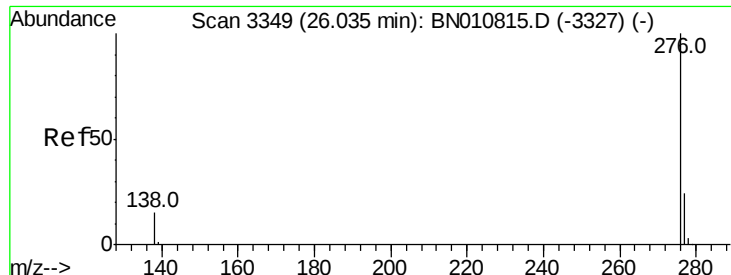


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.401 ng

RT: 26.03 min Scan# 3347

Delta R.T. -0.01 min

Lab File: BN010817.D

Acq: 10 Jun 2020 14:02

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

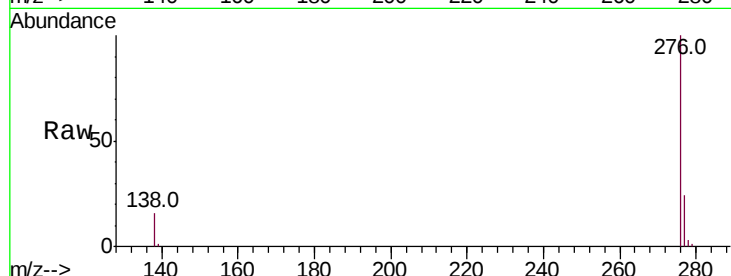
Tot Ion:276 Resp: 89274

Ion Ratio Lower Upper

276 100

277 24.0 20.5 30.7

138 15.7 13.7 20.5



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

