

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\  
 Data File : BN010174.D  
 Acq On : 11 Mar 2020 03:55  
 Operator : CG/JU  
 Sample : SSTDC000.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DFTPP

Quant Time: Mar 11 04:30:06 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 19 15:57:43 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.37  | 152  | 801      | 0.40 | ng    | -0.05    |
| 7) Naphthalene-d8         | 10.13 | 136  | 2366     | 0.40 | ng    | -0.05    |
| 13) Acenaphthene-d10      | 14.00 | 164  | 1483     | 0.40 | ng    | -0.06    |
| 19) Phenanthrene-d10      | 16.78 | 188  | 3045     | 0.40 | ng    | -0.03    |
| 27) Chrysene-d12          | 20.99 | 240  | 3012     | 0.40 | ng    | -0.04    |
| 34) Perylene-d12          | 23.10 | 264  | 3213     | 0.40 | ng    | -0.05    |

|                             |       |     |      |      |    |       |
|-----------------------------|-------|-----|------|------|----|-------|
| System Monitoring Compounds |       |     |      |      |    |       |
| 4) 2-Fluorophenol           | 5.04  | 112 | 709  | 0.40 | ng | -0.04 |
| 5) Phenol-d6                | 6.62  | 99  | 874  | 0.40 | ng | -0.02 |
| 8) Nitrobenzene-d5          | 8.58  | 82  | 746  | 0.38 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.74 | 152 | 1975 | 0.43 | ng | -0.04 |
| 14) 2,4,6-Tribromophenol    | 15.55 | 330 | 221  | 0.39 | ng | -0.03 |
| 15) 2-Fluorobiphenyl        | 12.64 | 172 | 2473 | 0.44 | ng | -0.04 |
| 25) Fluoranthene-d10        | 18.83 | 212 | 4181 | 0.40 | ng | -0.03 |
| 29) Terphenyl-d14           | 19.44 | 244 | 2920 | 0.41 | ng | -0.03 |

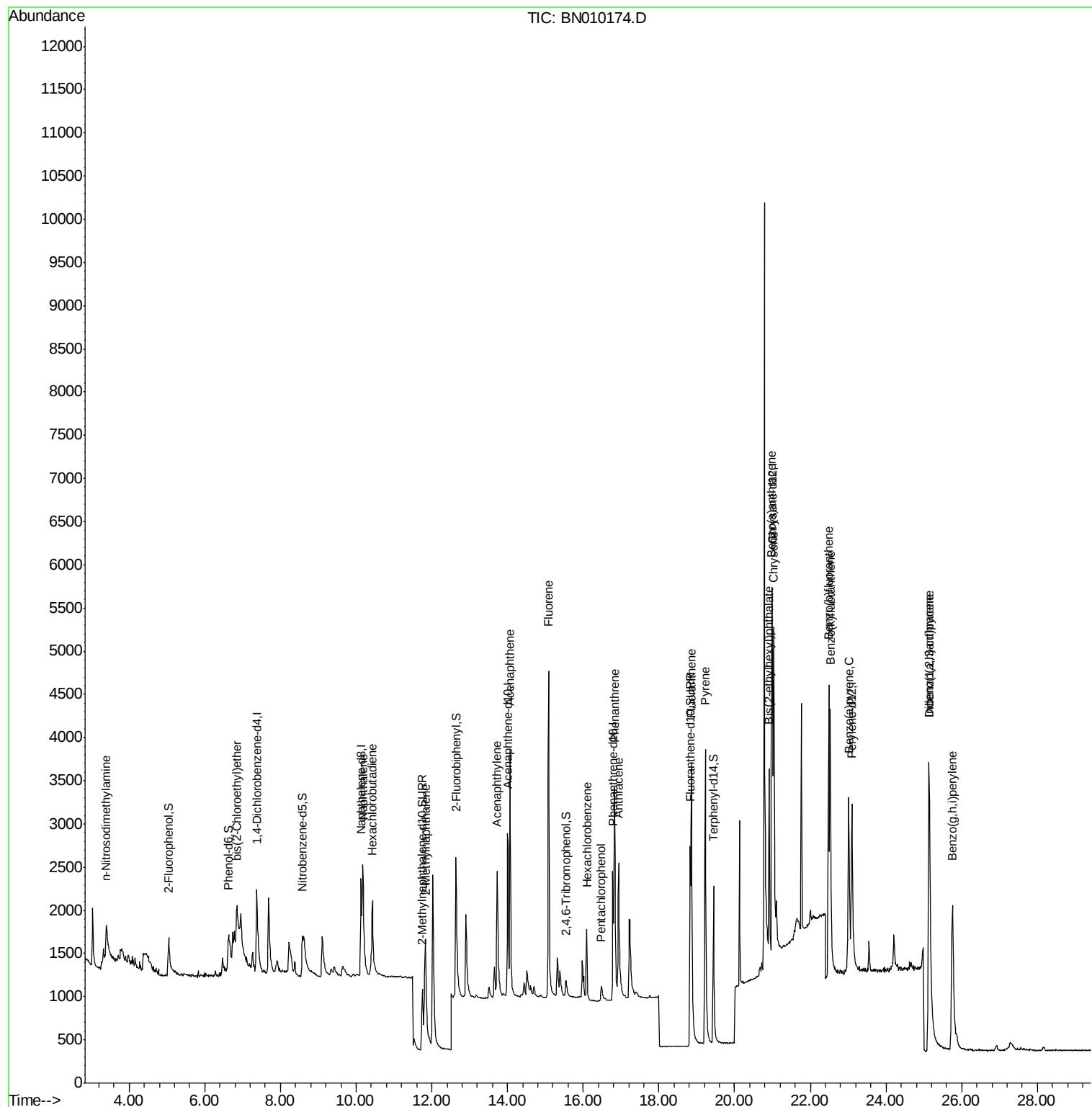
|                                |       |     |      |        |    |       |
|--------------------------------|-------|-----|------|--------|----|-------|
| Target Compounds               |       |     |      | Qvalue |    |       |
| 3) n-Nitrosodimethylamine      | 3.40  | 42  | 712  | 0.529  | ng | # 91  |
| 6) bis(2-Chloroethyl)ether     | 6.85  | 93  | 1049 | 0.498  | ng | 90    |
| 9) Naphthalene                 | 10.18 | 128 | 2671 | 0.414  | ng | 95    |
| 10) Hexachlorobutadiene        | 10.43 | 225 | 637  | 0.449  | ng | # 100 |
| 12) 2-Methylnaphthalene        | 11.83 | 142 | 1971 | 0.445  | ng | 96    |
| 16) Acenaphthylene             | 13.72 | 152 | 2474 | 0.391  | ng | 99    |
| 17) Acenaphthene               | 14.07 | 154 | 1775 | 0.399  | ng | 99    |
| 18) Fluorene                   | 15.08 | 166 | 2221 | 0.379  | ng | 98    |
| 21) Hexachlorobenzene          | 16.09 | 284 | 809  | 0.427  | ng | 97    |
| 22) Pentachlorophenol          | 16.48 | 266 | 175  | 0.454  | ng | 93    |
| 23) Phenanthrene               | 16.83 | 178 | 3502 | 0.386  | ng | 100   |
| 24) Anthracene                 | 16.93 | 178 | 2959 | 0.386  | ng | 100   |
| 26) Fluoranthene               | 18.85 | 202 | 4322 | 0.398  | ng | 99    |
| 28) Pyrene                     | 19.22 | 202 | 4943 | 0.432  | ng | 98    |
| 30) Benzo(a)anthracene         | 20.98 | 228 | 3543 | 0.354  | ng | 99    |
| 31) Chrysene                   | 21.03 | 228 | 4877 | 0.422  | ng | 99    |
| 32) Bis(2-ethylhexyl)phthalate | 20.91 | 149 | 2188 | 0.449  | ng | 95    |
| 33) Indeno(1,2,3-cd)pyrene     | 25.14 | 276 | 5439 | 0.452  | ng | 97    |
| 35) Benzo(b)fluoranthene       | 22.49 | 252 | 4556 | 0.388  | ng | # 95  |
| 36) Benzo(k)fluoranthene       | 22.53 | 252 | 5210 | 0.407  | ng | 99    |
| 37) Benzo(a)pyrene             | 23.02 | 252 | 4262 | 0.398  | ng | # 93  |
| 38) Dibenzo(a,h)anthracene     | 25.14 | 278 | 4285 | 0.406  | ng | 99    |
| 39) Benzo(g,h,i)perylene       | 25.76 | 276 | 4789 | 0.426  | ng | 98    |

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

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Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DFTPP

Quant Time: Mar 11 04:30:06 2020  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Feb 19 15:57:43 2020  
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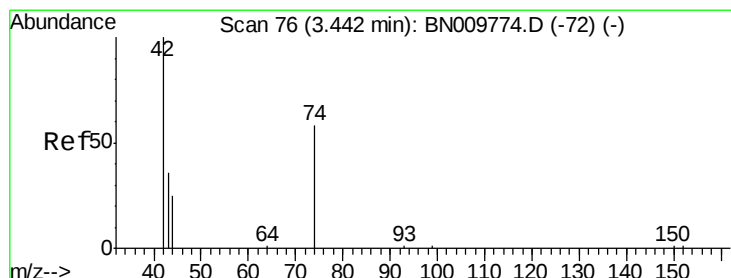
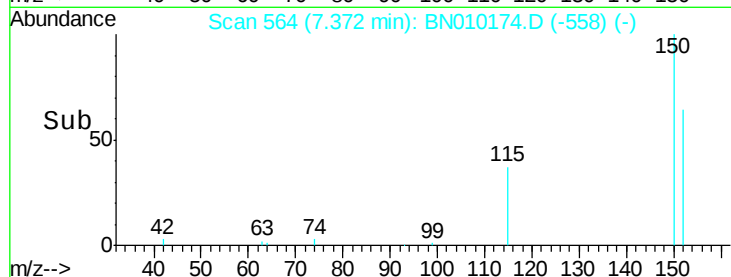
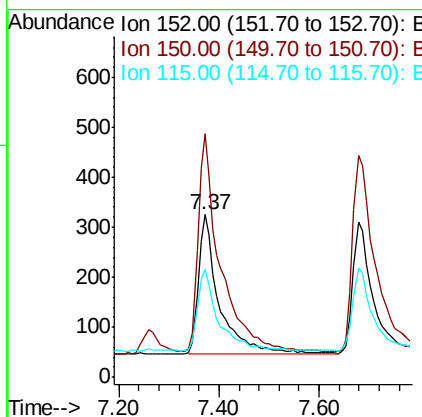
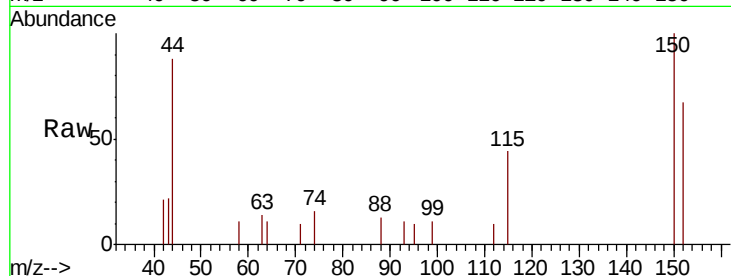


#1

1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.37 min Scan# 564  
Delta R.T. -0.05 min  
Lab File: BN010174.D  
Acq: 11 Mar 2020 03:55

Instrument :  
BNA\_N  
ClientSampleId :  
DFTPP

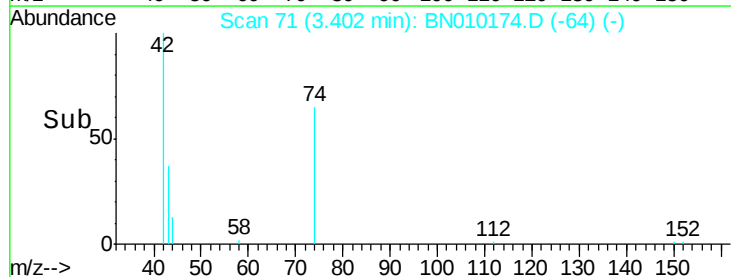
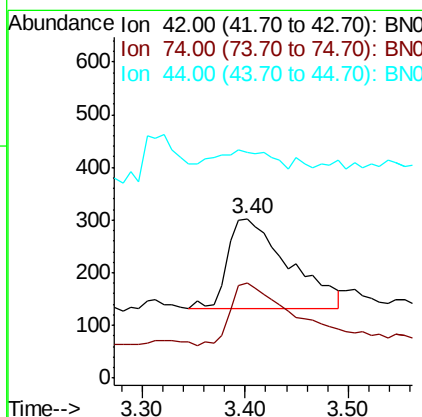
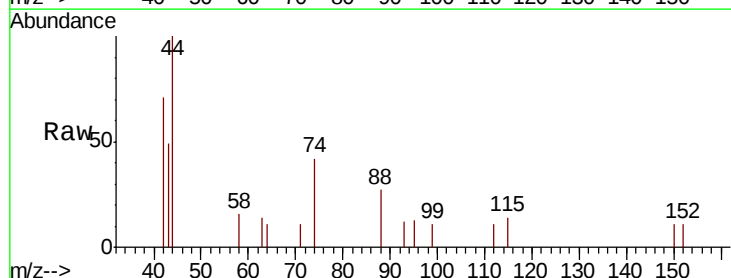
Tot Ion:152 Resp: 801  
Ion Ratio Lower Upper  
152 100  
150 149.8 120.6 181.0  
115 66.2 51.2 76.8

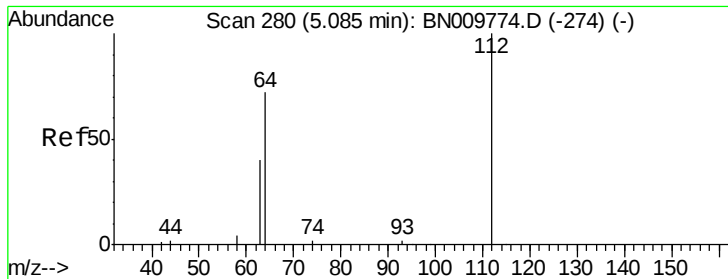


#3

n-Nitrosodimethylamine  
Concen: 0.529 ng  
RT: 3.40 min Scan# 71  
Delta R.T. -0.04 min  
Lab File: BN010174.D  
Acq: 11 Mar 2020 03:55

Tgt Ion: 42 Resp: 712  
Ion Ratio Lower Upper  
42 100  
74 69.4 51.2 76.8  
44 19.1 2.6 4.0#





#4

2-Fluorophenol

Concen: 0.398 ng

RT: 5.04 min Scan# 275

Delta R.T. -0.04 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA\_N

ClientSampleId :

DFTPP

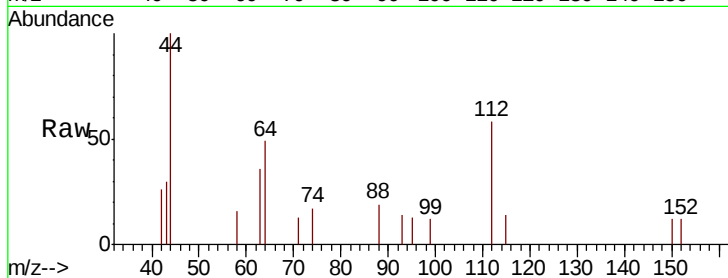
Tot Ion: 112 Resp: 709

Ion Ratio Lower Upper

112 100

64 81.2 65.8 98.6

63 52.5 38.7 58.1

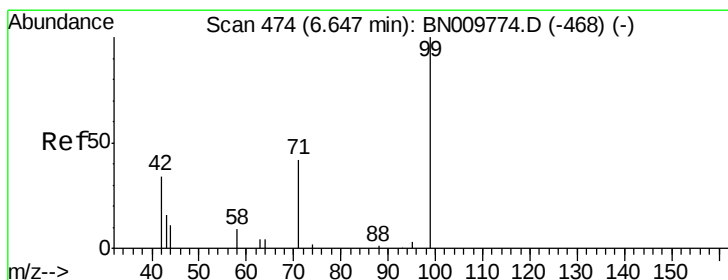
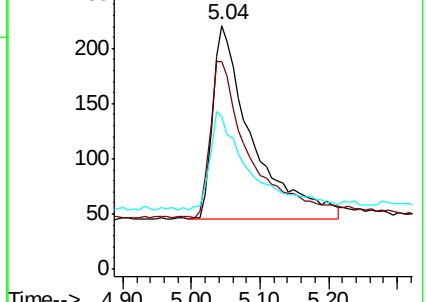
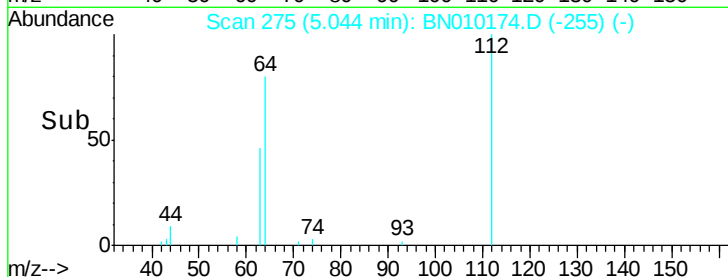


Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO

Time-->



#5

Phenol-d6

Concen: 0.403 ng

RT: 6.62 min Scan# 471

Delta R.T. -0.02 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

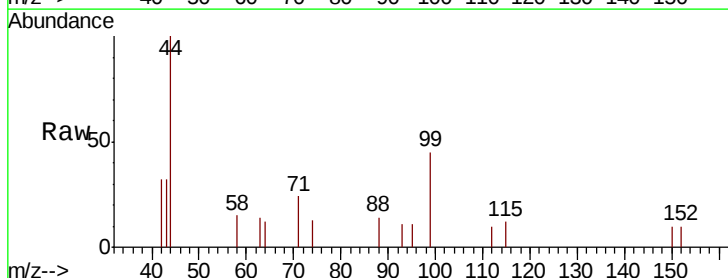
Tgt Ion: 99 Resp: 874

Ion Ratio Lower Upper

99 100

42 43.2 30.8 46.2

71 42.7 34.9 52.3

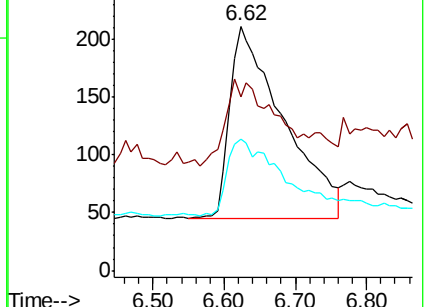
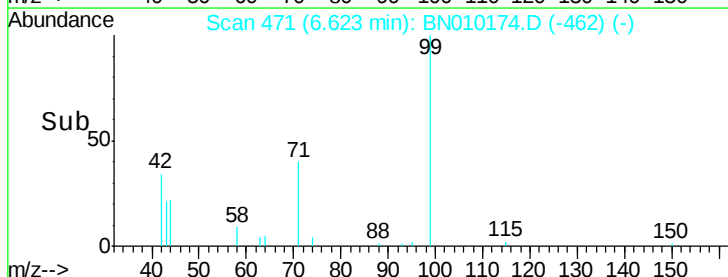


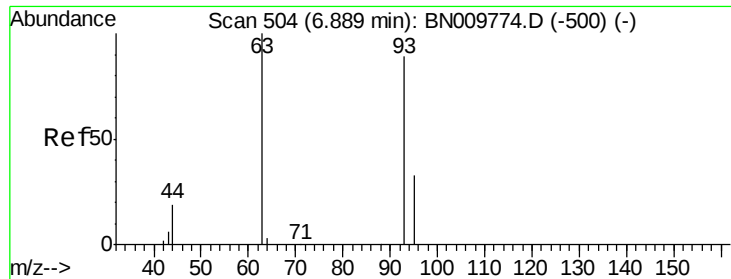
Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.498 ng

RT: 6.85 min Scan# 499

Delta R.T. -0.04 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA\_N

ClientSampleId :

DFTPP

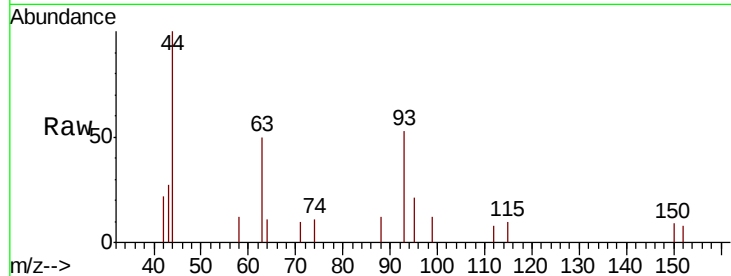
Tot Ion: 93 Resp: 1049

Ion Ratio Lower Upper

93 100

63 80.7 74.0 111.0

95 30.5 26.7 40.1

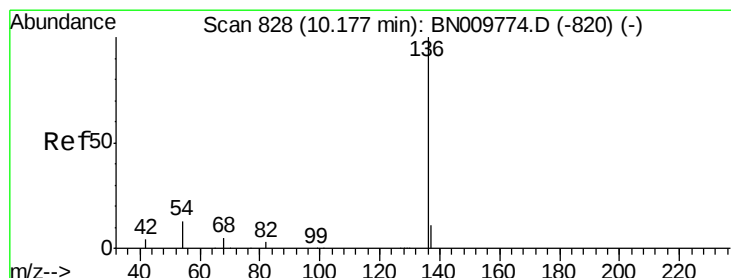
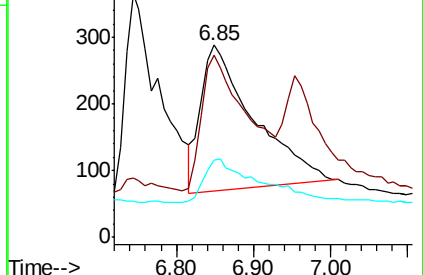
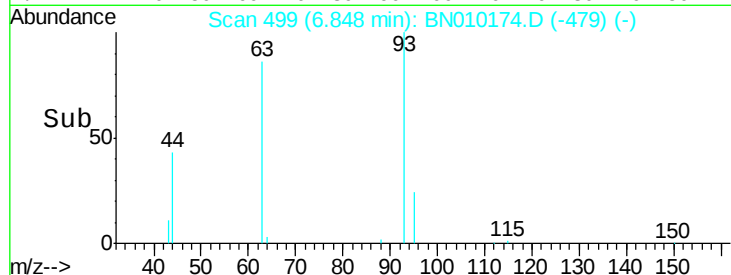


Abundance Ion 93.00 (92.70 to 93.70): BN009774.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN009774.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN009774.D (-500) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 824

Delta R.T. -0.05 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Tgt Ion: 136 Resp: 2366

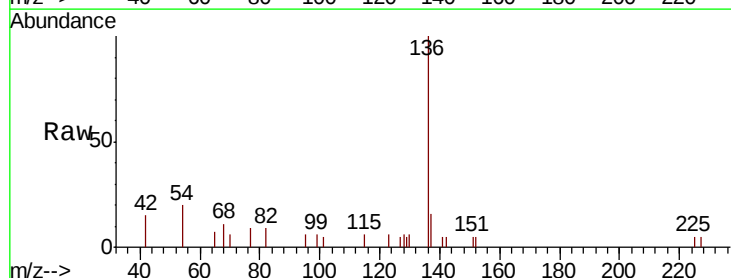
Ion Ratio Lower Upper

136 100

137 16.4 11.3 16.9

54 20.4 13.4 20.2#

68 11.0 7.0 10.4#



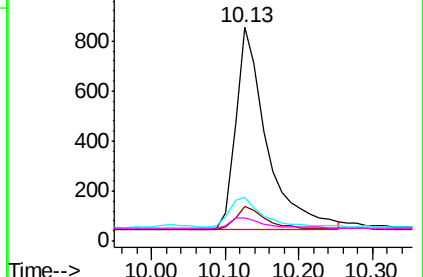
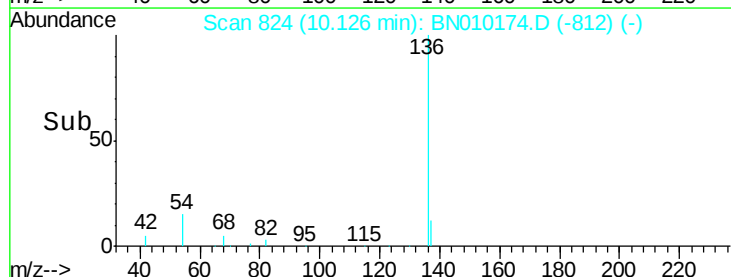
Abundance Ion 136.00 (135.70 to 136.70): BN009774.D (-820) (-)

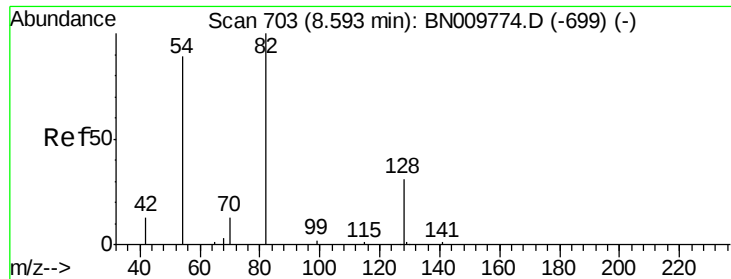
Ion 137.00 (136.70 to 137.70): BN009774.D (-820) (-)

Ion 54.00 (53.70 to 54.70): BN009774.D (-820) (-)

Ion 68.00 (67.70 to 68.70): BN009774.D (-820) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.379 ng

RT: 8.58 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA\_N

ClientSampleId :

DFTPP

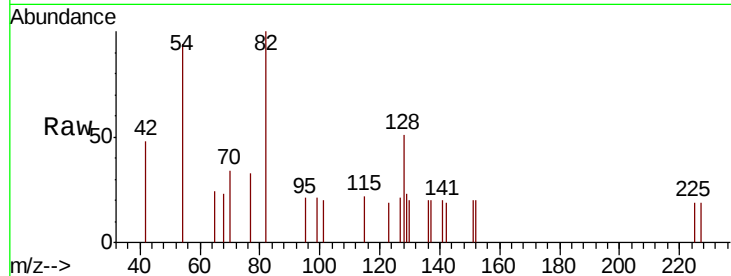
Tot Ion: 82 Resp: 746

Ion Ratio Lower Upper

82 100

128 51.3 32.5 48.7#

54 94.0 73.5 110.3

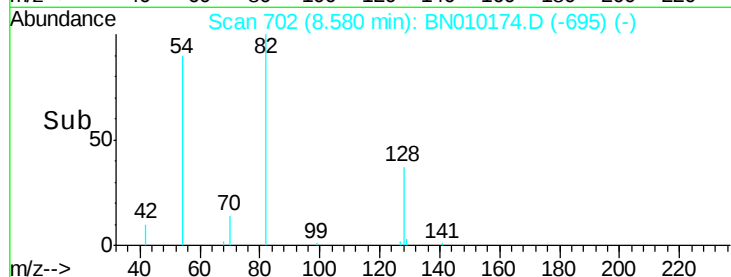


Abundance Ion 82.00 (81.70 to 82.70): BN009774.D (-699) (-)

Ion 128.00 (127.70 to 128.70): BN009774.D (-699) (-)

Ion 54.00 (53.70 to 54.70): BN009774.D (-699) (-)

Time-->

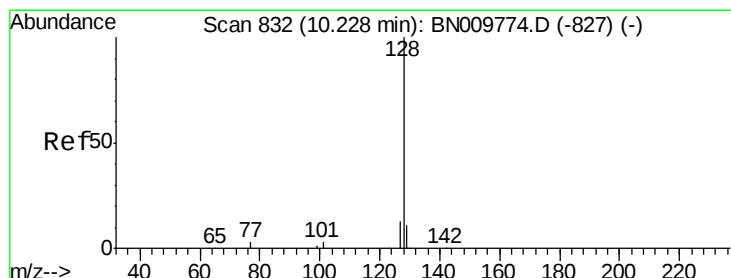


Abundance Ion 82.00 (81.70 to 82.70): BN010174.D (-695) (-)

Ion 128.00 (127.70 to 128.70): BN010174.D (-695) (-)

Ion 54.00 (53.70 to 54.70): BN010174.D (-695) (-)

Time-->



#9

Naphthalene

Concen: 0.414 ng

RT: 10.18 min Scan# 828

Delta R.T. -0.05 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

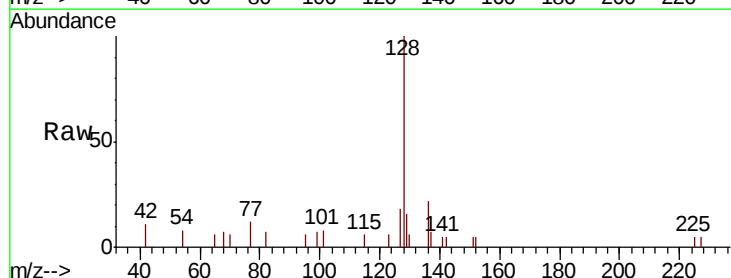
Tgt Ion: 128 Resp: 2671

Ion Ratio Lower Upper

128 100

129 15.6 11.1 16.7

127 18.0 12.6 19.0

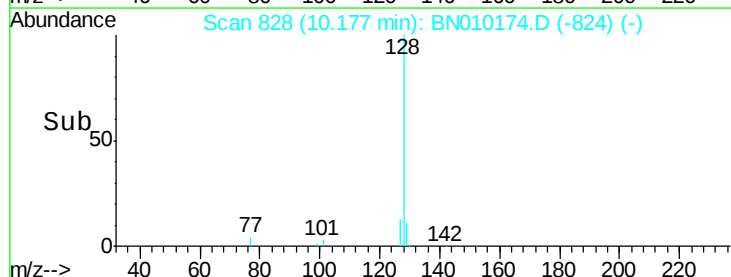


Abundance Ion 128.00 (127.70 to 128.70): BN009774.D (-827) (-)

Ion 129.00 (128.70 to 129.70): BN009774.D (-827) (-)

Ion 127.00 (126.70 to 127.70): BN009774.D (-827) (-)

Time-->

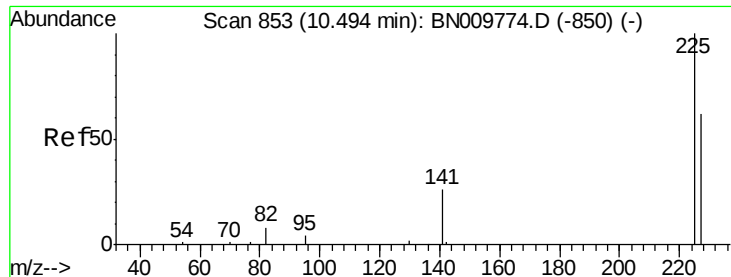


Abundance Ion 128.00 (127.70 to 128.70): BN010174.D (-824) (-)

Ion 129.00 (128.70 to 129.70): BN010174.D (-824) (-)

Ion 127.00 (126.70 to 127.70): BN010174.D (-824) (-)

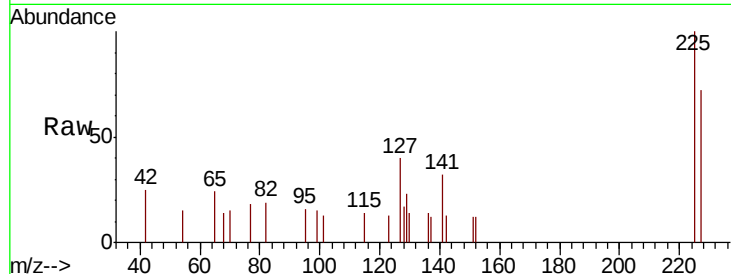
Time-->



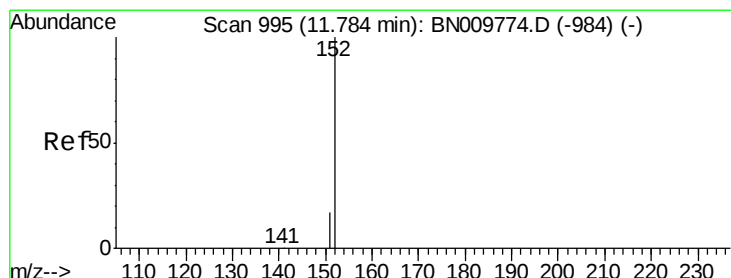
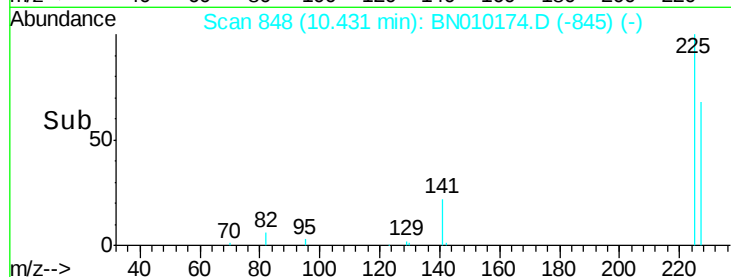
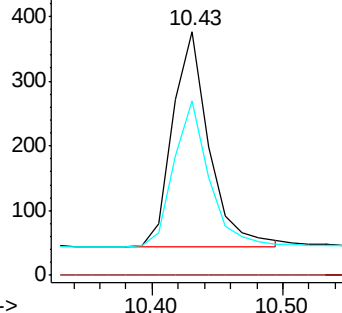
#10  
Hexachlorobutadiene  
Concen: 0.449 ng  
RT: 10.43 min Scan# 848  
Delta R.T. -0.06 min  
Lab File: BN010174.D  
Acq: 11 Mar 2020 03:55

Instrument :  
BNA\_N  
ClientSampleId :  
DFTPP

Tot Ion:225 Resp: 637  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 66.7 53.4 80.2

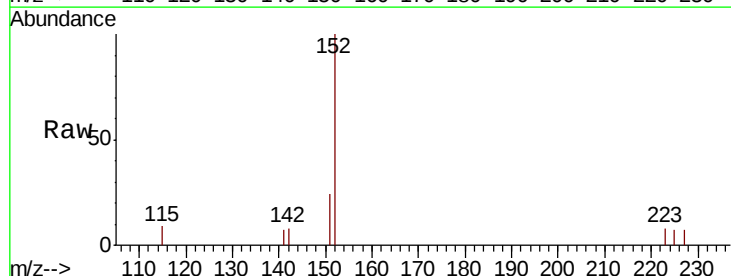


Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

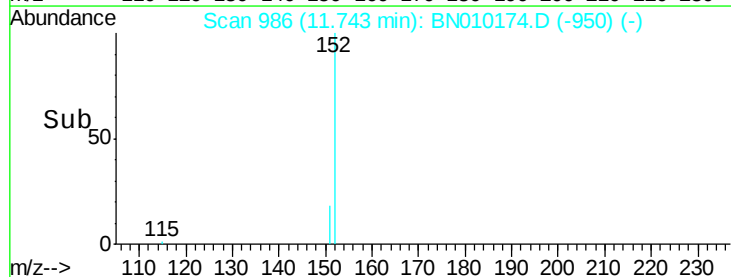
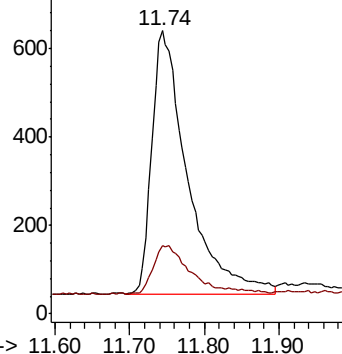


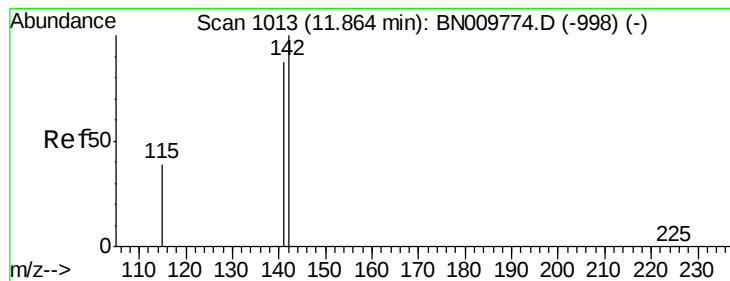
#11  
2-Methylnaphthalene-d10  
Concen: 0.431 ng  
RT: 11.74 min Scan# 986  
Delta R.T. -0.04 min  
Lab File: BN010174.D  
Acq: 11 Mar 2020 03:55

Tgt Ion:152 Resp: 1975  
Ion Ratio Lower Upper  
152 100  
151 19.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.445 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA\_N

ClientSampleId :

DFTPP

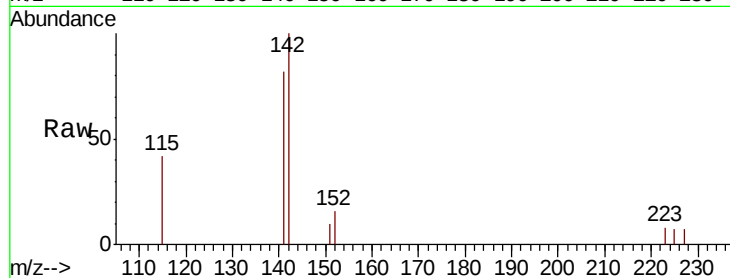
Tot Ion:142 Resp: 1971

Ion Ratio Lower Upper

142 100

141 82.3 69.8 104.6

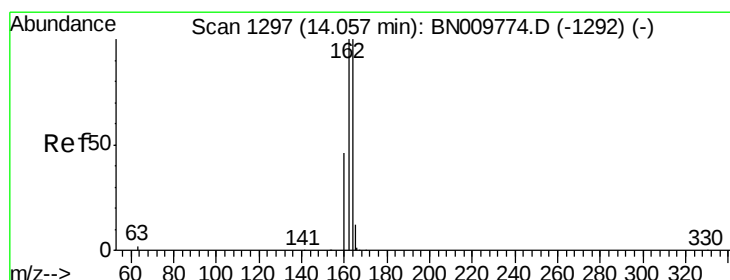
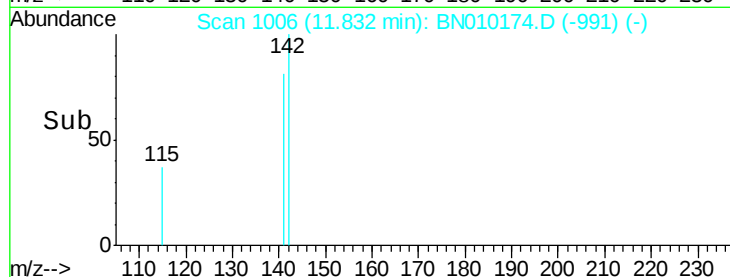
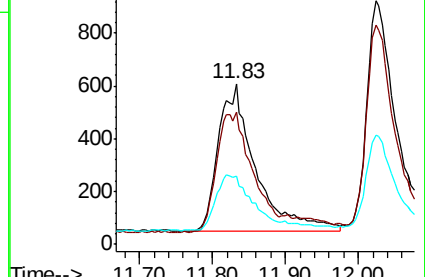
115 42.4 34.6 52.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

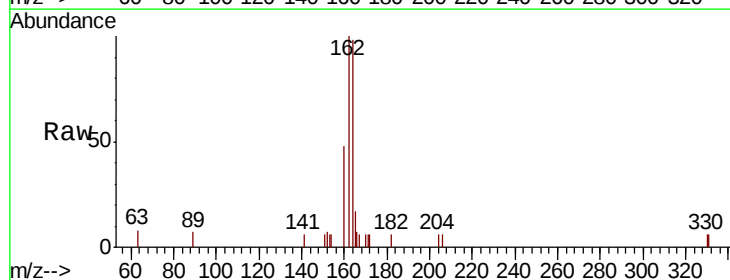
Tgt Ion:164 Resp: 1483

Ion Ratio Lower Upper

164 100

162 102.2 79.9 119.9

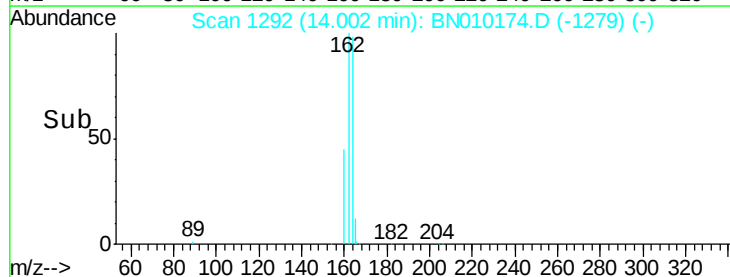
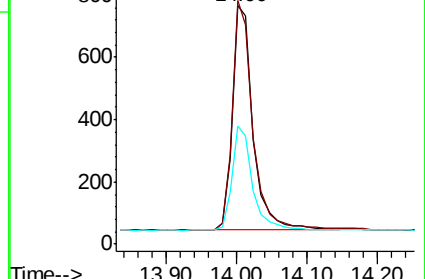
160 49.4 38.2 57.2

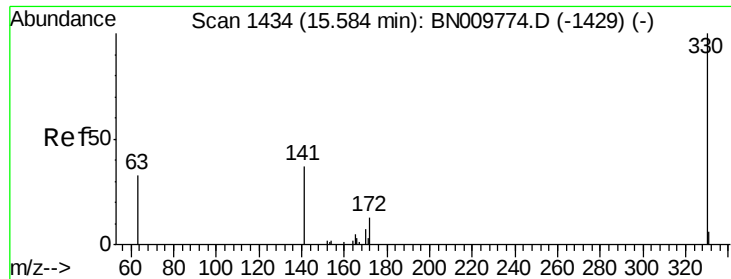


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.387 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.03 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA\_N

ClientSampleId :

DFTPP

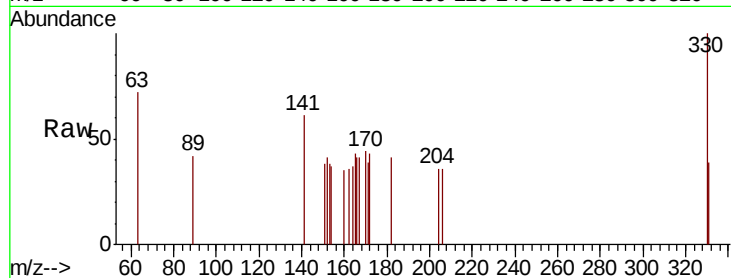
Tot Ion:330 Resp: 221

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

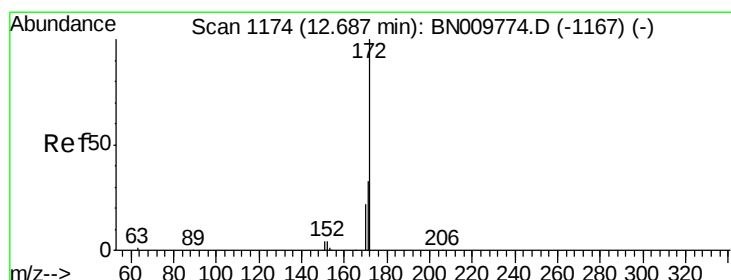
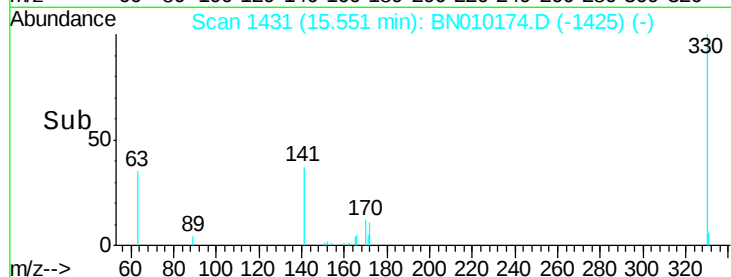
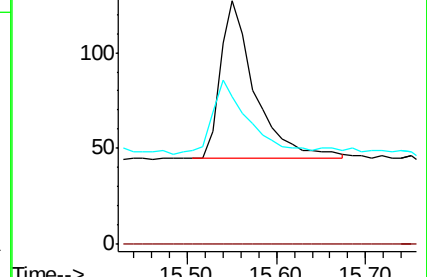
141 49.8 36.8 55.2



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: 0.442 ng

RT: 12.64 min Scan# 1170

Delta R.T. -0.04 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

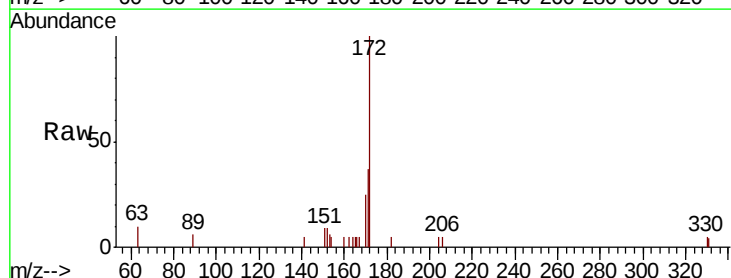
Tgt Ion:172 Resp: 2473

Ion Ratio Lower Upper

172 100

171 37.1 28.7 43.1

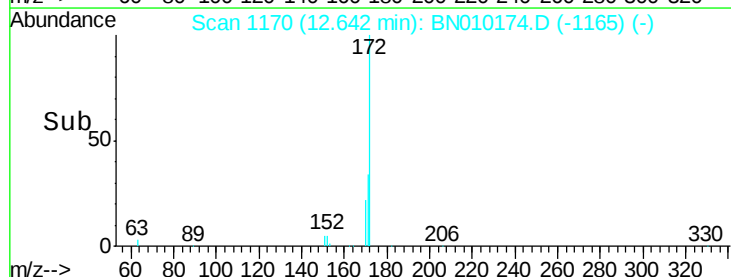
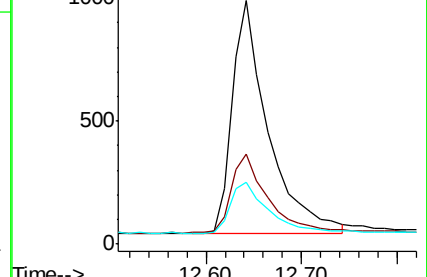
170 25.2 20.1 30.1

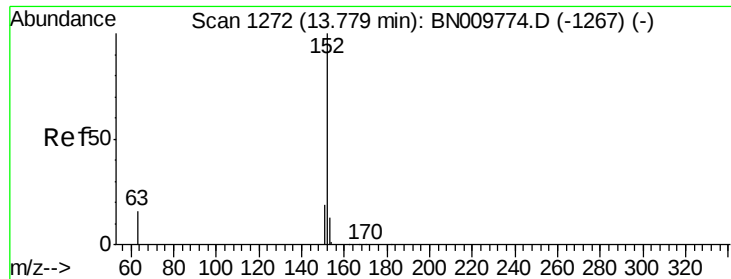


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.391 ng

RT: 13.72 min Scan# 1267

Delta R.T. -0.06 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA\_N

ClientSampleId :

DFTPP

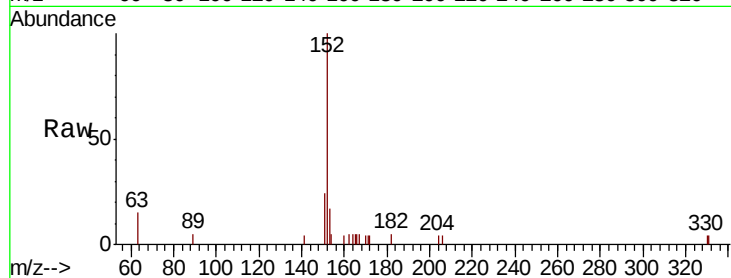
Tot Ion:152 Resp: 2474

Ion Ratio Lower Upper

152 100

151 18.8 15.8 23.6

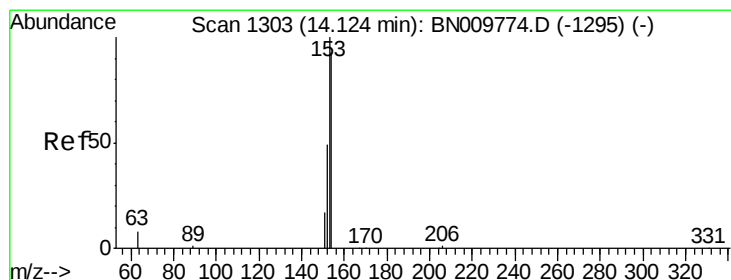
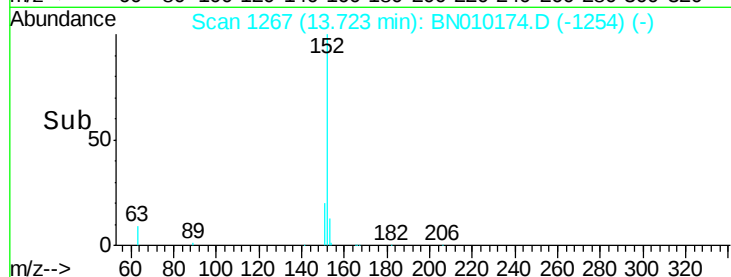
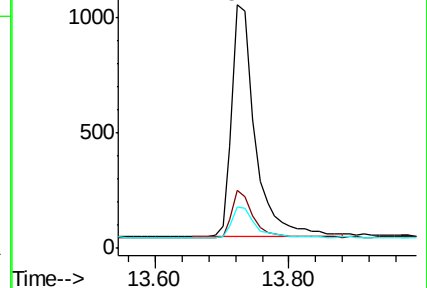
153 13.1 10.2 15.4



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: 0.399 ng

RT: 14.07 min Scan# 1298

Delta R.T. -0.06 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

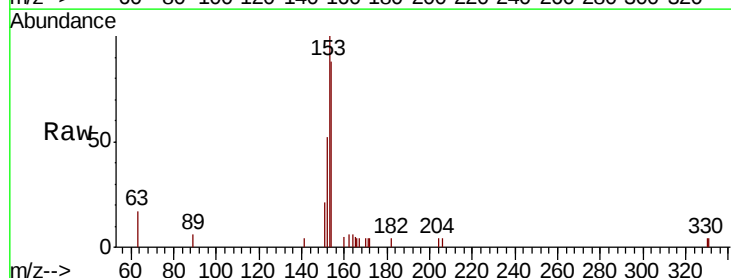
Tgt Ion:154 Resp: 1775

Ion Ratio Lower Upper

154 100

153 112.8 88.9 133.3

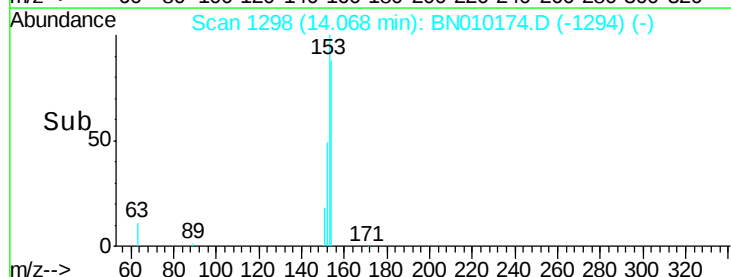
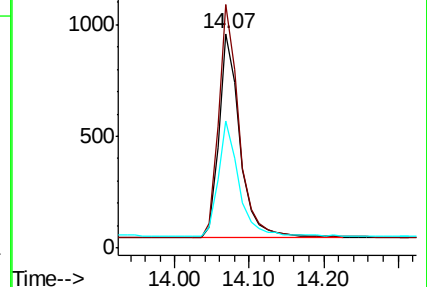
152 55.3 44.2 66.2

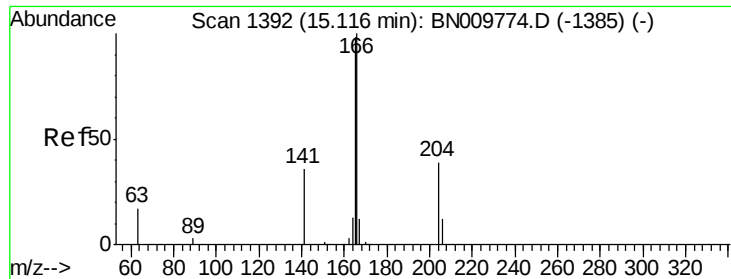


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.379 ng

RT: 15.08 min Scan# 1389

Delta R.T. -0.03 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA\_N

ClientSampled :

DFTPP

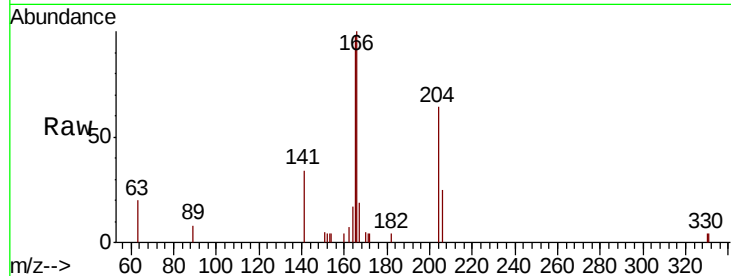
Tot Ion:166 Resp: 2221

Ion Ratio Lower Upper

166 100

165 98.0 77.2 115.8

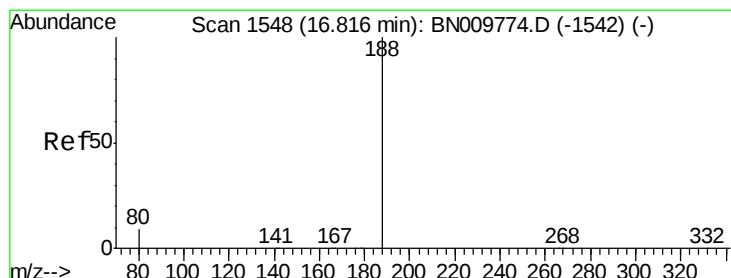
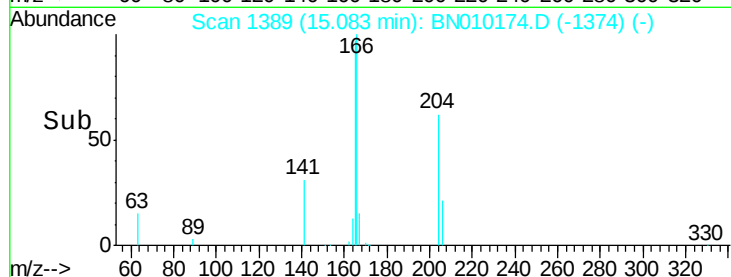
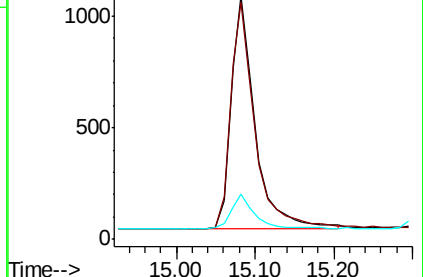
167 14.3 10.5 15.7



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: 16.78 min Scan# 1545

Delta R.T. -0.03 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

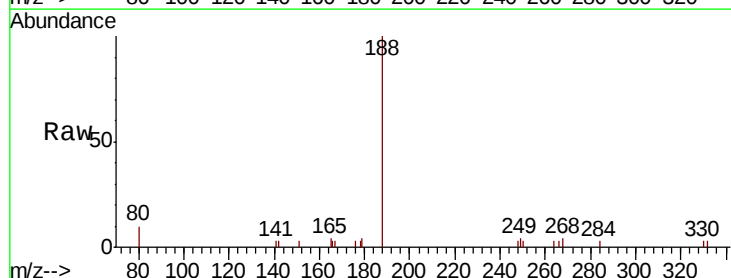
Tgt Ion:188 Resp: 3045

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

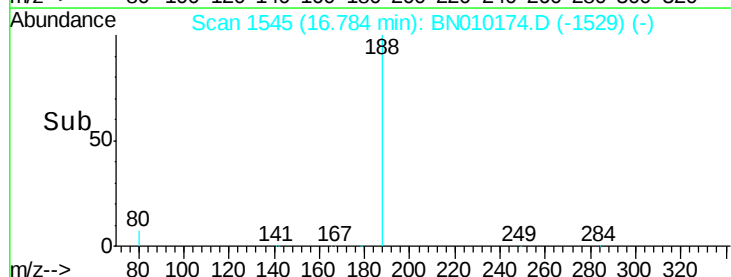
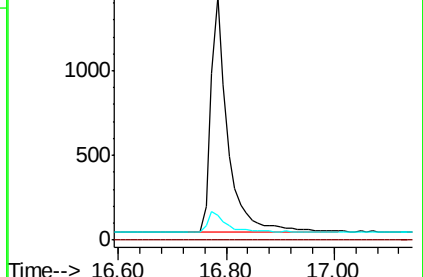
80 10.4 8.3 12.5

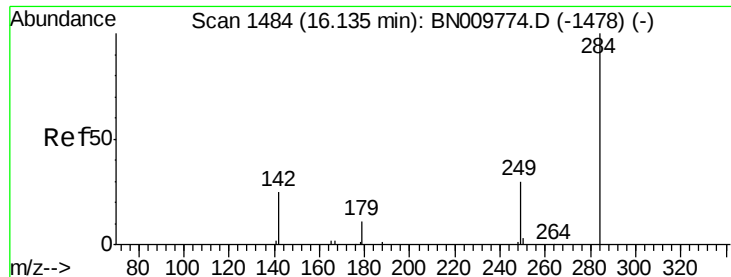


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

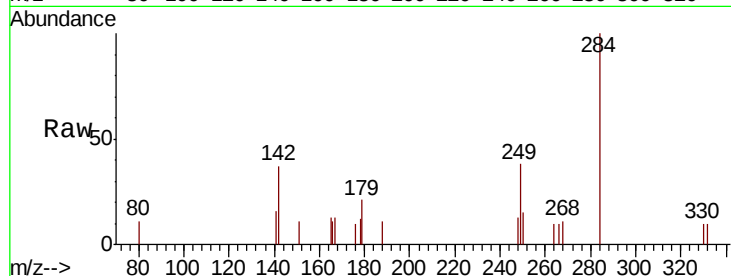




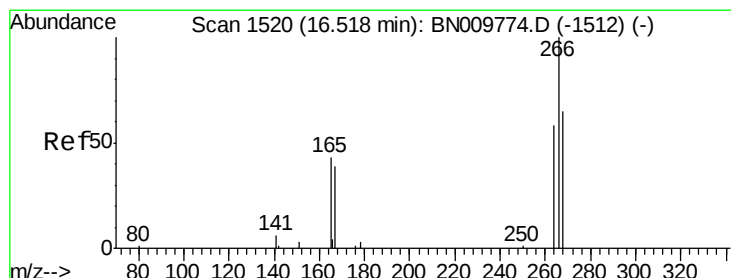
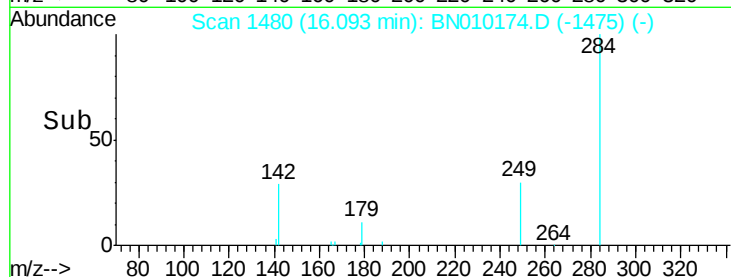
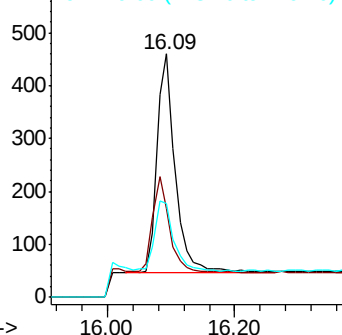
#21  
Hexachlorobenzene  
Concen: 0.427 ng  
RT: 16.09 min Scan# 1480  
Delta R.T. -0.04 min  
Lab File: BN010174.D  
Acq: 11 Mar 2020 03:55

Instrument :  
BNA\_N  
ClientSampleId :  
DFTPP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 39.6  | 33.3  | 49.9  |
| 249     | 33.4  | 25.7  | 38.5  |

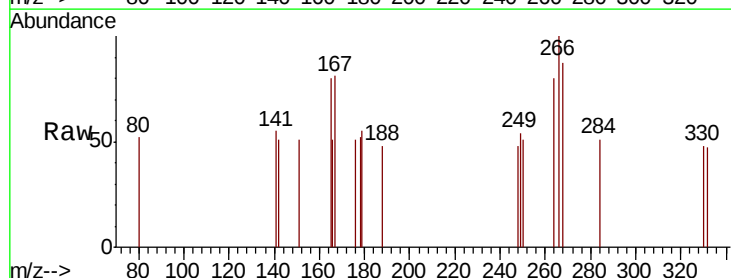


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

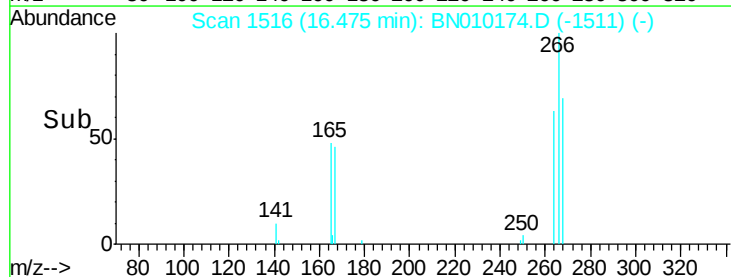
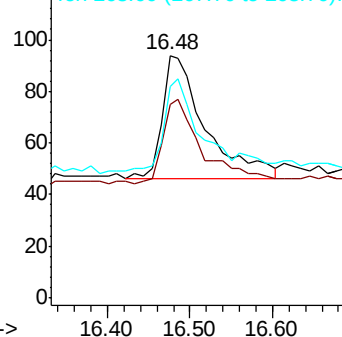


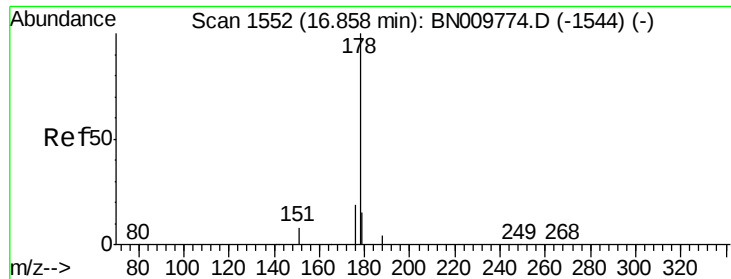
#22  
Pentachlorophenol  
Concen: 0.454 ng  
RT: 16.48 min Scan# 1516  
Delta R.T. -0.04 min  
Lab File: BN010174.D  
Acq: 11 Mar 2020 03:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 79.8  | 58.1  | 87.1  |
| 268     | 87.2  | 65.7  | 98.5  |



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: 0.386 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.03 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA\_N

ClientSampleId :

DFTPP

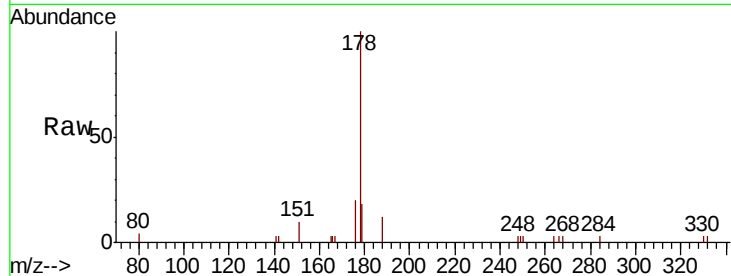
Tot Ion:178 Resp: 3502

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

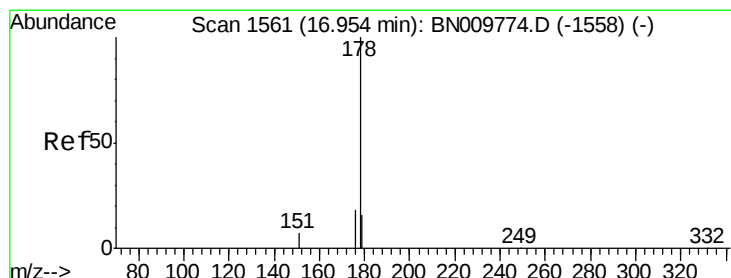
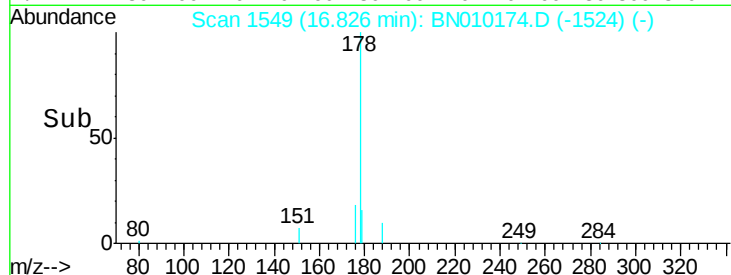
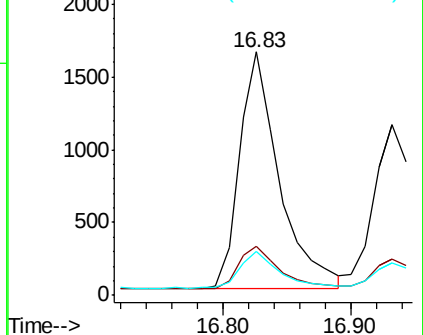
179 15.2 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.386 ng

RT: 16.93 min Scan# 1559

Delta R.T. -0.02 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

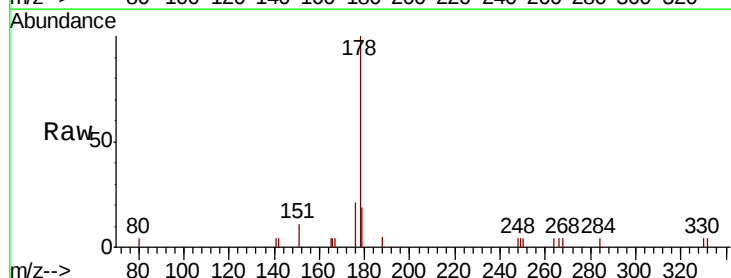
Tgt Ion:178 Resp: 2959

Ion Ratio Lower Upper

178 100

176 17.7 14.3 21.5

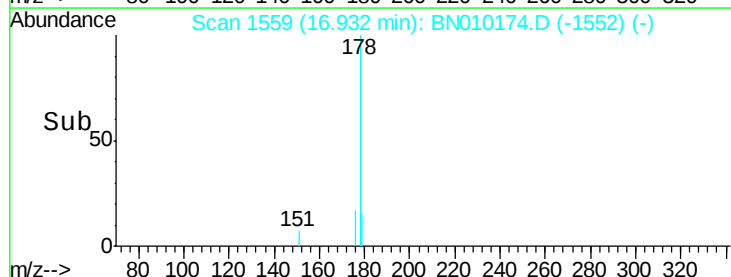
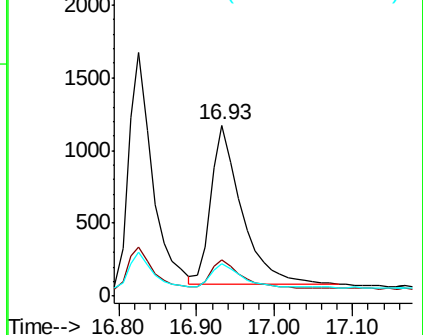
179 15.4 12.4 18.6

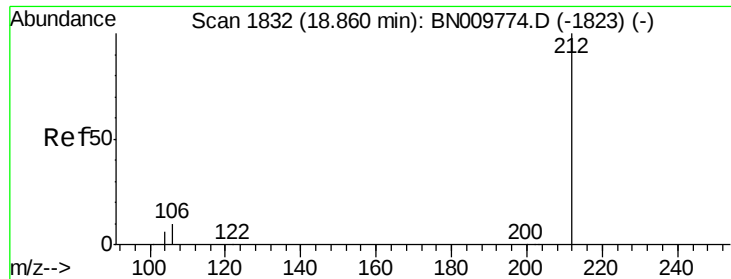


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.397 ng

RT: 18.83 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA\_N

ClientSampleId :

DFTPP

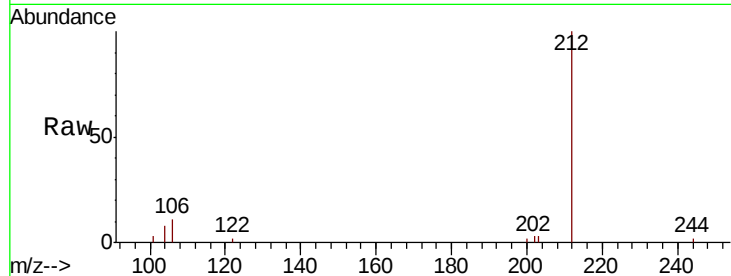
Tot Ion:212 Resp: 4181

Ion Ratio Lower Upper

212 100

106 9.8 8.4 12.6

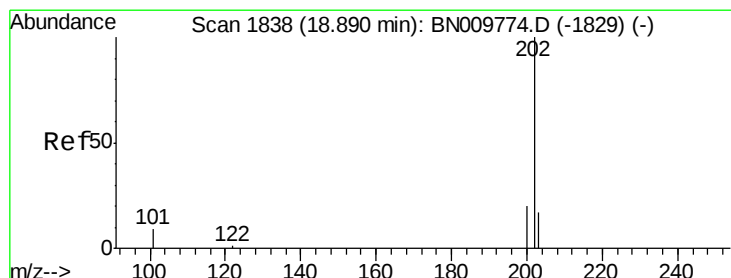
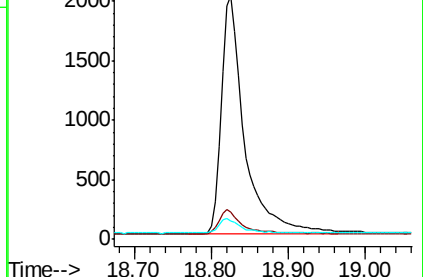
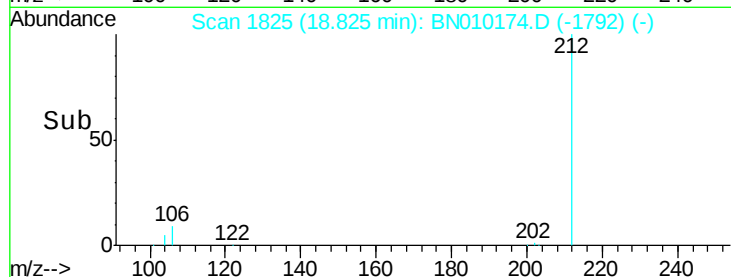
104 5.5 4.8 7.2



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: 0.398 ng

RT: 18.85 min Scan# 1831

Delta R.T. -0.03 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

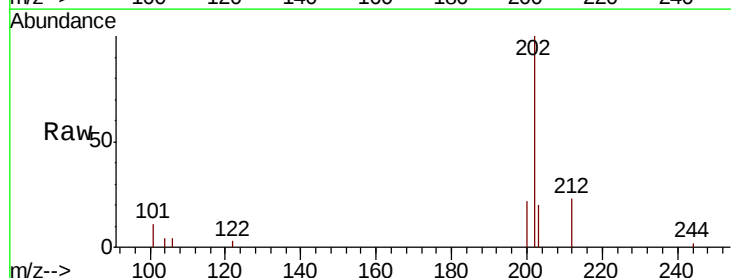
Tgt Ion:202 Resp: 4322

Ion Ratio Lower Upper

202 100

101 8.3 7.1 10.7

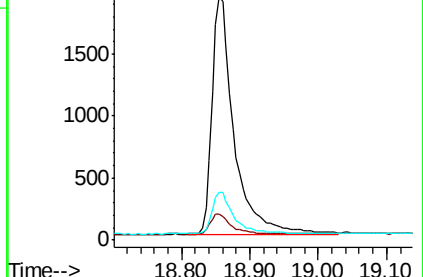
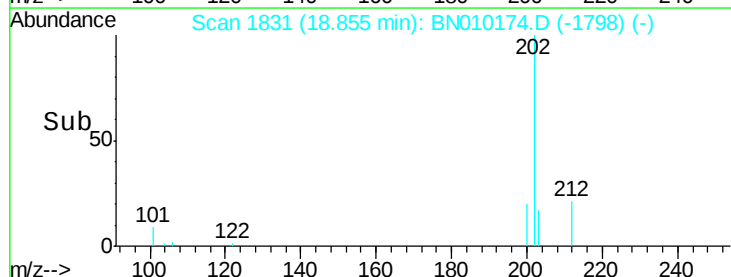
203 17.3 13.8 20.6

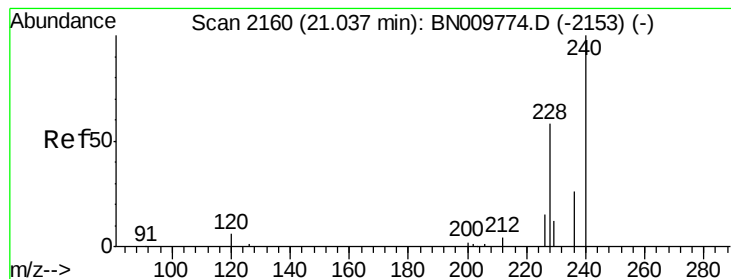


Abundance Ion 202.00 (201.70 to 202.70): E

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: 20.99 min Scan# 2156

Delta R.T. -0.04 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA\_N

ClientSampleId :

DFTPP

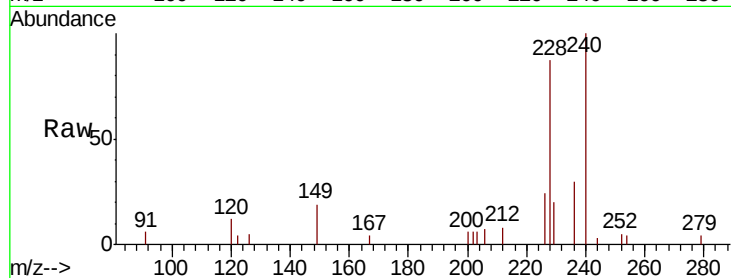
Tot Ion:240 Resp: 3012

Ion Ratio Lower Upper

240 100

120 12.1 7.9 11.9#

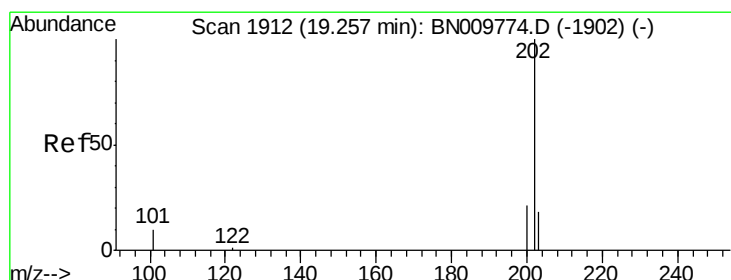
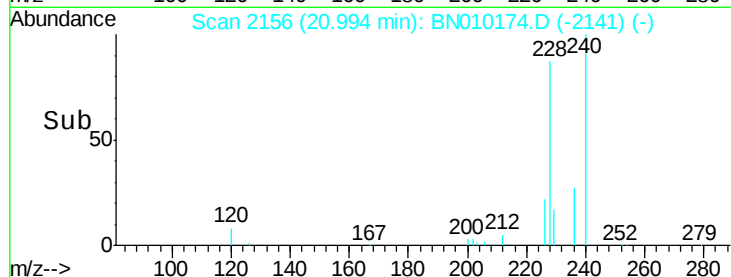
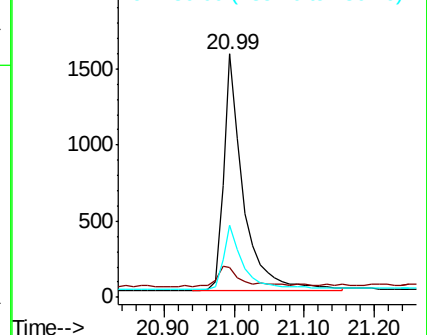
236 29.5 22.0 33.0



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: 0.432 ng

RT: 19.22 min Scan# 1905

Delta R.T. -0.03 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

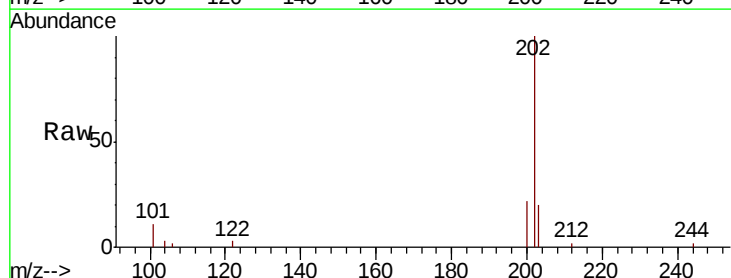
Tgt Ion:202 Resp: 4943

Ion Ratio Lower Upper

202 100

200 19.6 16.4 24.6

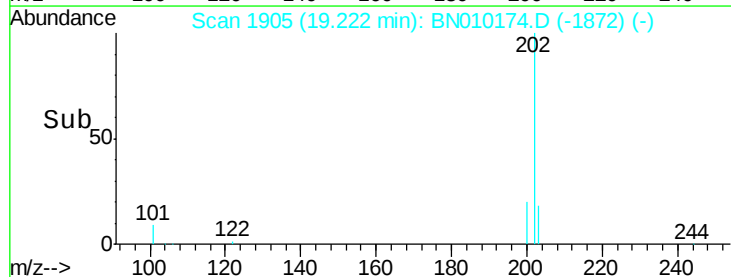
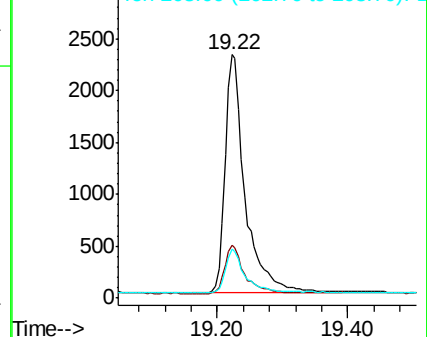
203 17.9 13.9 20.9

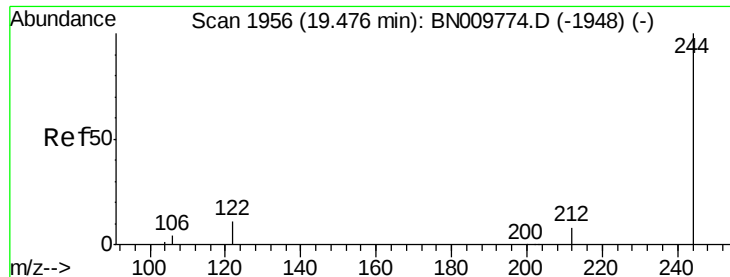


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.406 ng

RT: 19.44 min Scan# 1949

Delta R.T. -0.03 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA\_N

ClientSampleId :

DFTPP

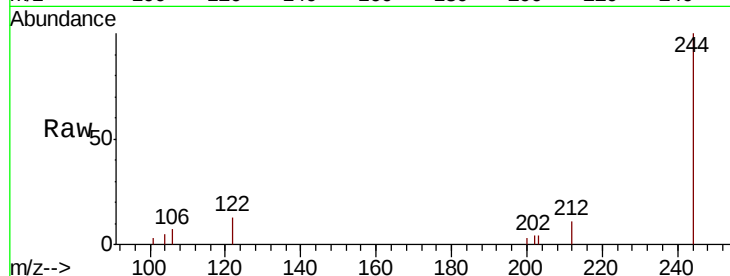
Tot Ion:244 Resp: 2920

Ion Ratio Lower Upper

244 100

212 11.0 8.0 12.0

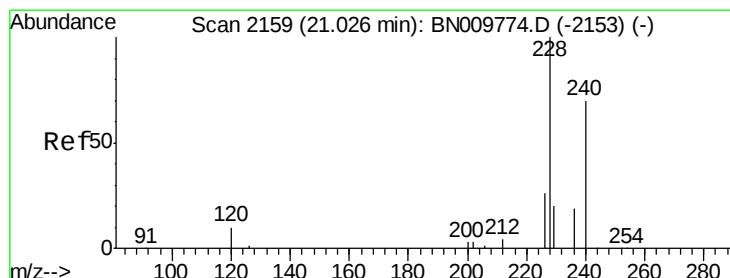
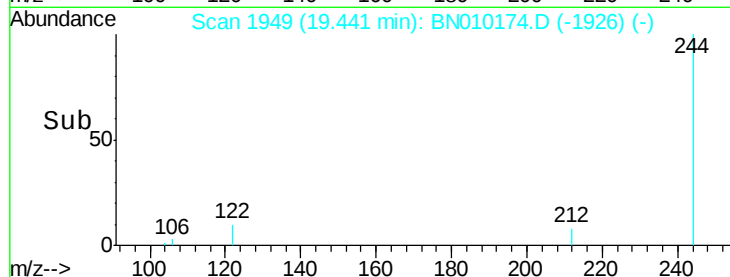
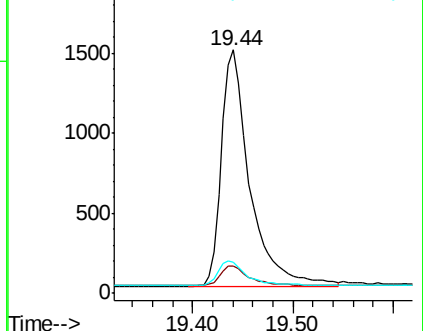
122 12.5 10.0 15.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.354 ng

RT: 20.98 min Scan# 2155

Delta R.T. -0.04 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

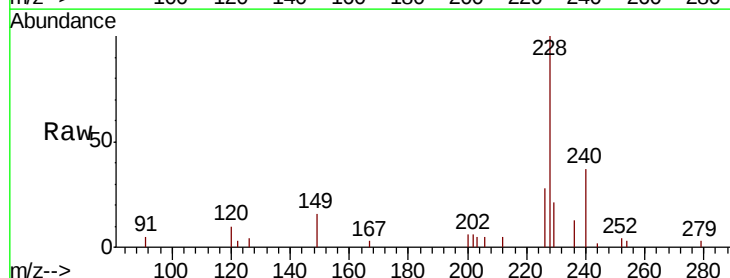
Tgt Ion:228 Resp: 3543

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

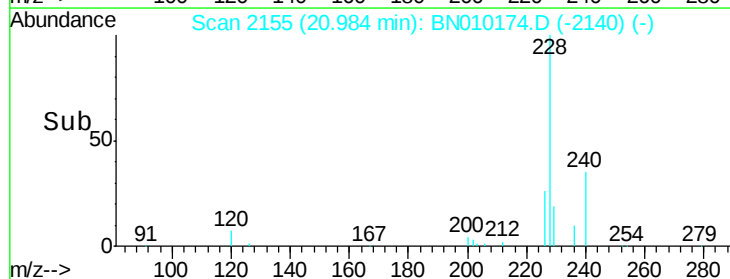
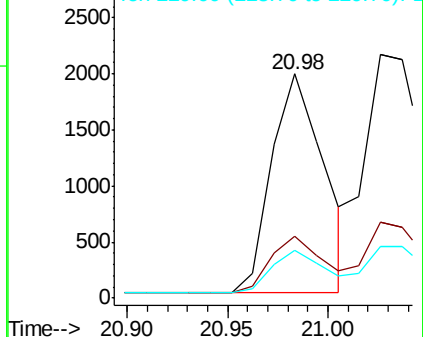
229 21.1 17.1 25.7

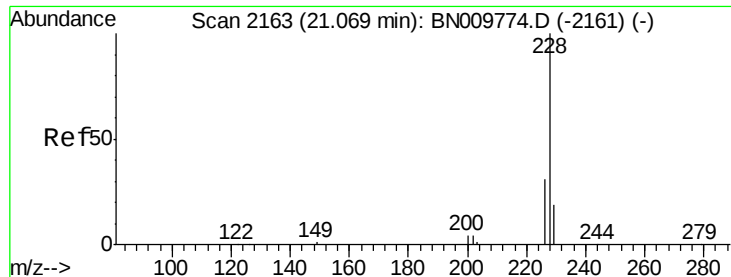


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.422 ng

RT: 21.03 min Scan# 2159

Delta R.T. -0.04 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA\_N

ClientSampleId :

DFTPP

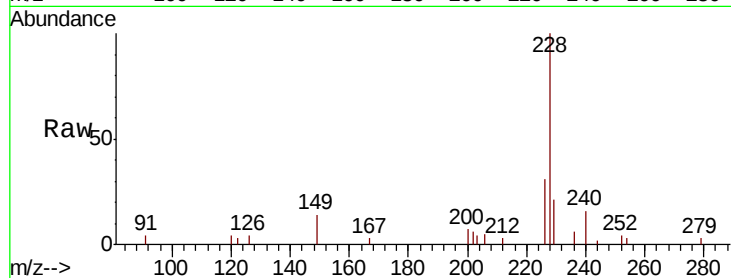
Tot Ion:228 Resp: 4877

Ion Ratio Lower Upper

228 100

226 31.0 24.8 37.2

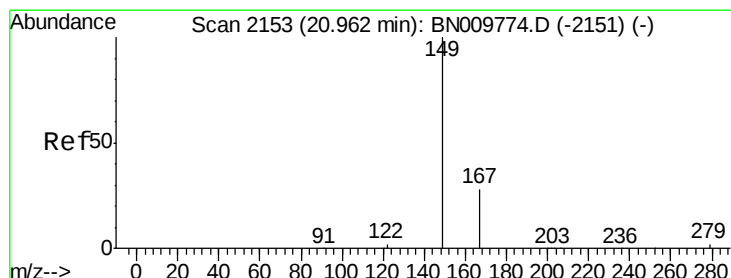
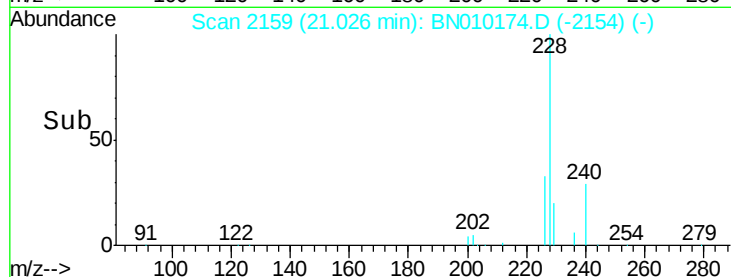
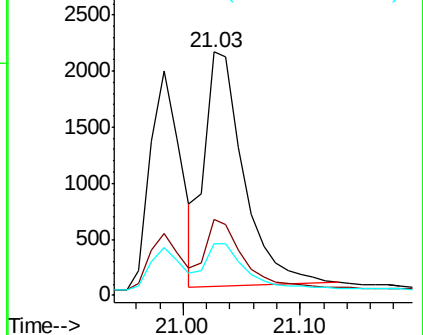
229 21.2 16.4 24.6



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: 0.449 ng

RT: 20.91 min Scan# 2148

Delta R.T. -0.05 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

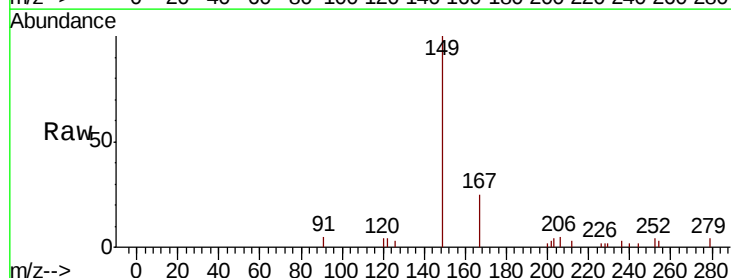
Tgt Ion:149 Resp: 2188

Ion Ratio Lower Upper

149 100

167 25.6 22.7 34.1

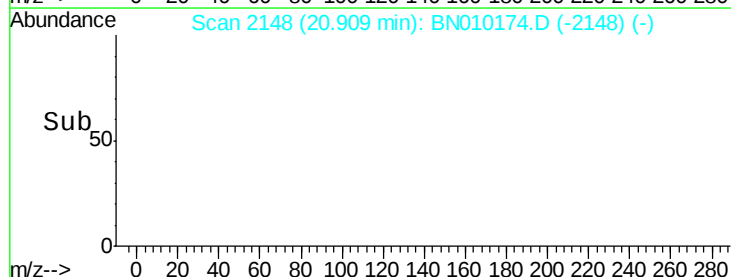
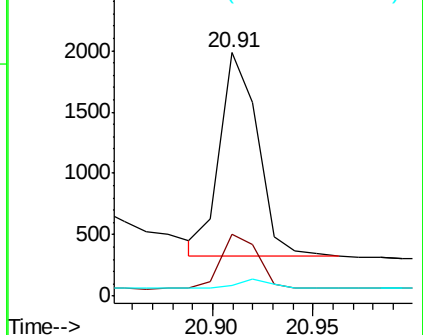
279 3.7 3.1 4.7

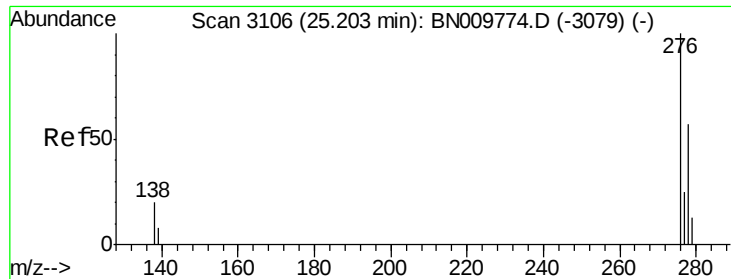


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

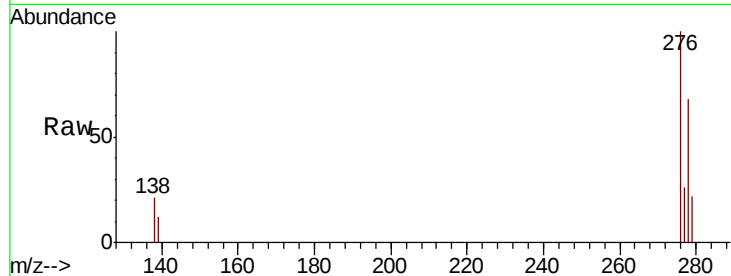




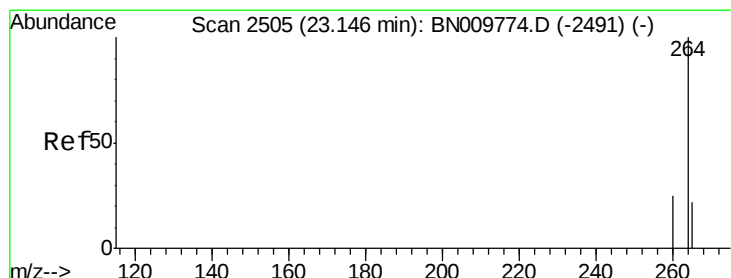
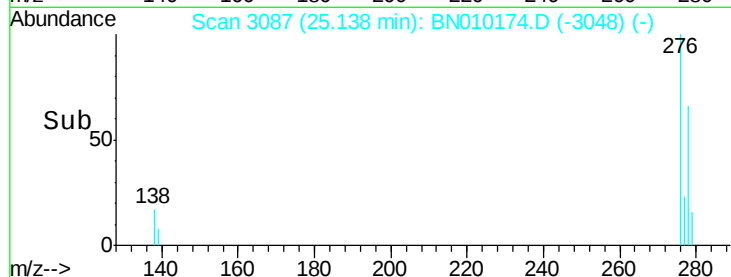
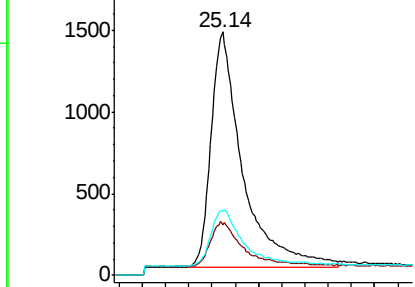
#33  
Indeno(1,2,3-cd)pyrene  
Concen: 0.452 ng  
RT: 25.14 min Scan# 3087  
Delta R.T. -0.07 min  
Lab File: BN010174.D  
Acq: 11 Mar 2020 03:55

Instrument :  
BNA\_N  
ClientSampleId :  
DFTPP

Tot Ion:276 Resp: 5439  
Ion Ratio Lower Upper  
276 100  
138 18.1 15.8 23.6  
277 22.8 19.3 28.9

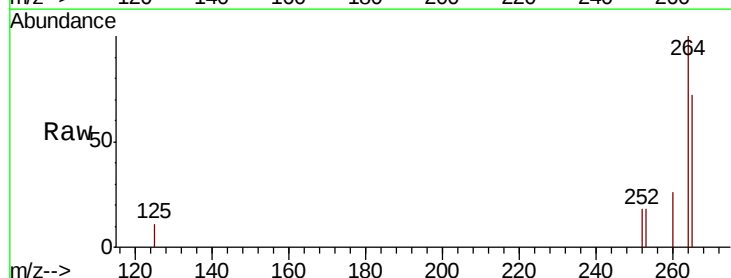


Abundance Ion 276.00 (275.70 to 276.70): E  
2000 Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

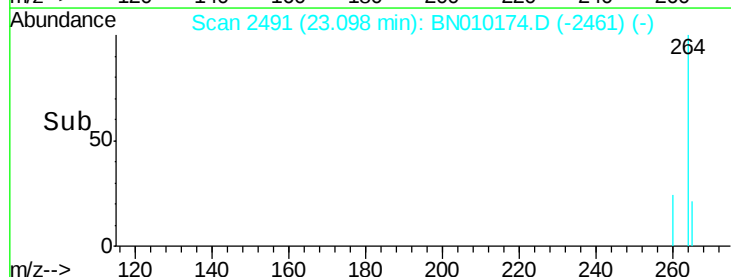
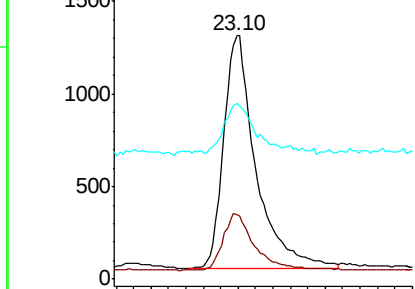


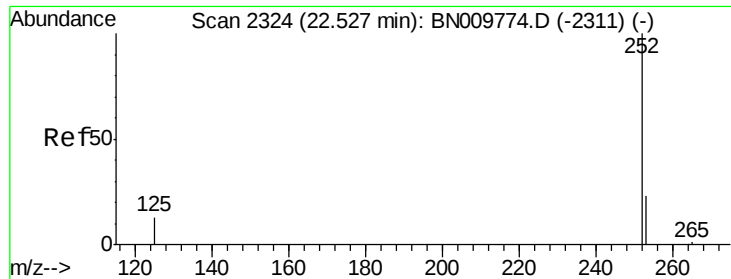
#34  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.10 min Scan# 2491  
Delta R.T. -0.05 min  
Lab File: BN010174.D  
Acq: 11 Mar 2020 03:55

Tgt Ion:264 Resp: 3213  
Ion Ratio Lower Upper  
264 100  
260 26.4 21.1 31.7  
265 72.1 57.5 86.3



Abundance Ion 264.00 (263.70 to 264.70): E  
1500 Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

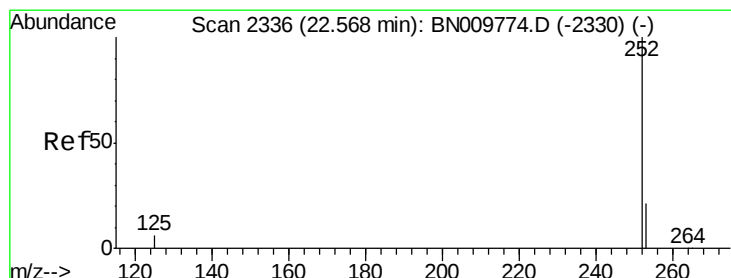
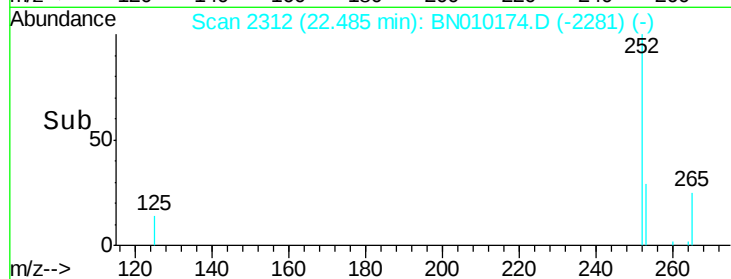
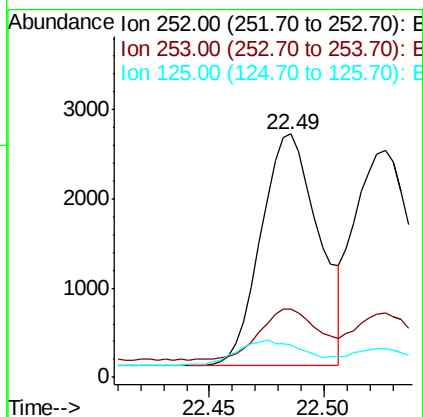
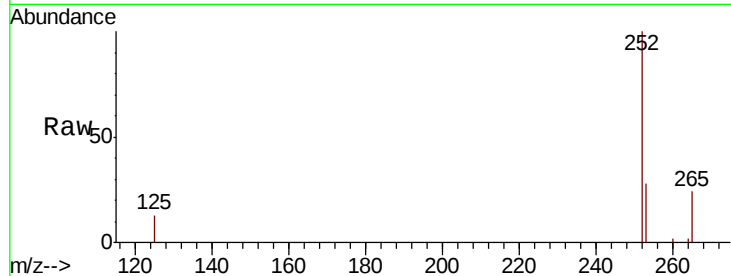




#35  
Benzo(b)fluoranthene  
Concen: 0.388 ng  
RT: 22.49 min Scan# 2312  
Delta R.T. -0.04 min  
Lab File: BN010174.D  
Acq: 11 Mar 2020 03:55

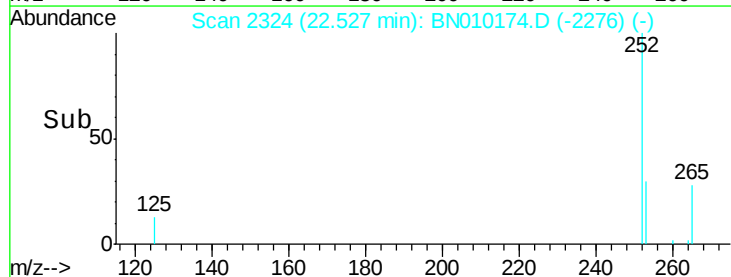
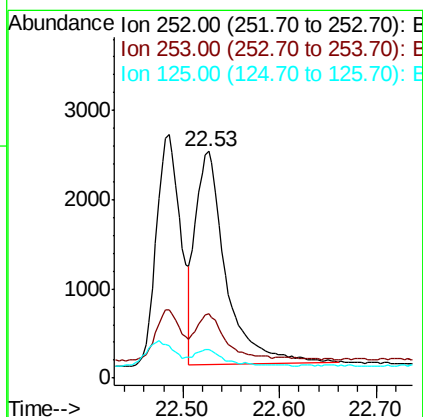
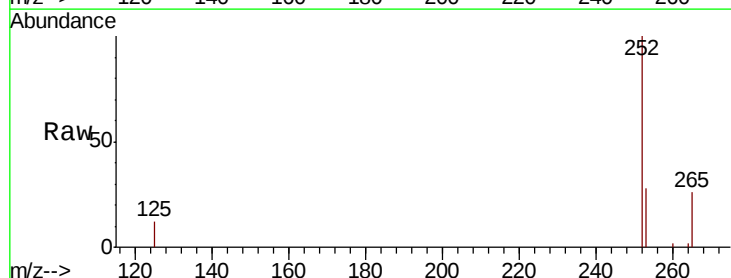
Instrument :  
BNA\_N  
ClientSampleId :  
DFTPP

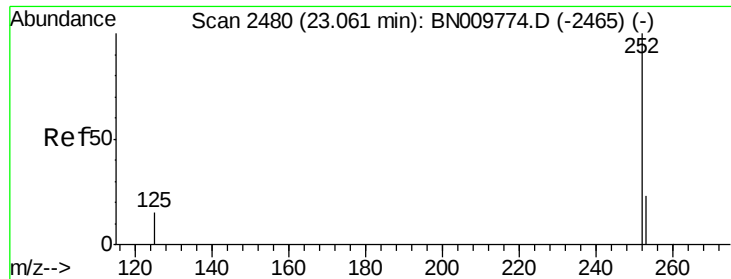
Tot Ion:252 Resp: 4556  
Ion Ratio Lower Upper  
252 100  
253 28.0 23.0 34.6  
125 13.2 14.4 21.6#



#36  
Benzo(k)fluoranthene  
Concen: 0.407 ng  
RT: 22.53 min Scan# 2324  
Delta R.T. -0.04 min  
Lab File: BN010174.D  
Acq: 11 Mar 2020 03:55

Tgt Ion:252 Resp: 5210  
Ion Ratio Lower Upper  
252 100  
253 28.3 22.2 33.2  
125 12.5 10.5 15.7





#37

Benzo(a)pyrene

Concen: 0.398 ng

RT: 23.02 min Scan# 2467

Delta R.T. -0.04 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA\_N

ClientSampleId :

DFTPP

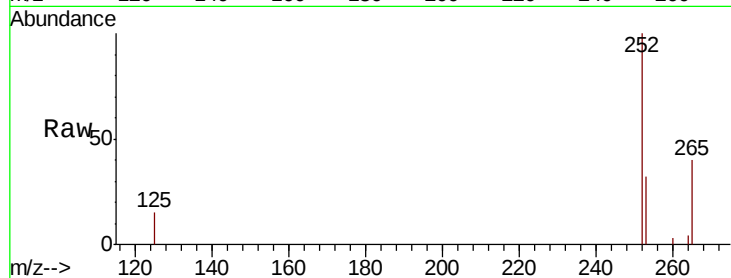
Tot Ion:252 Resp: 4262

Ion Ratio Lower Upper

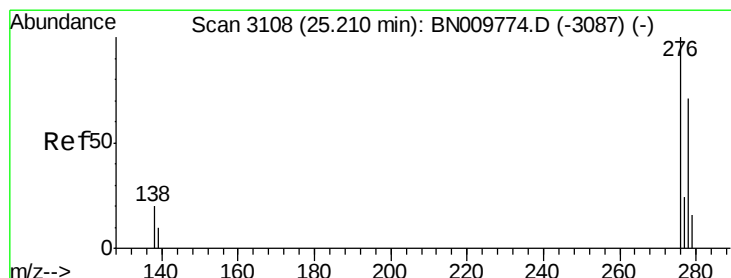
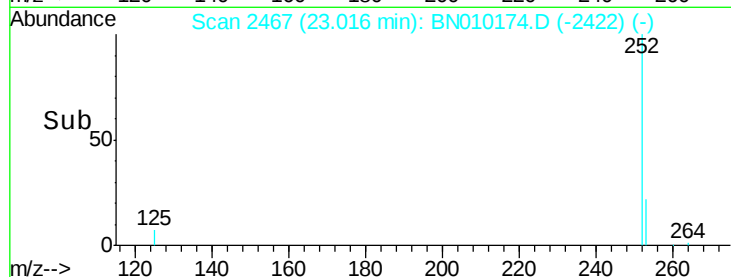
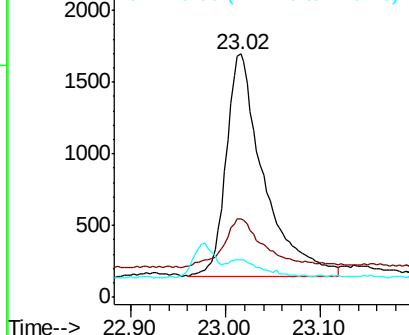
252 100

253 32.5 25.3 37.9

125 15.3 17.7 26.5#



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: 0.406 ng

RT: 25.14 min Scan# 3088

Delta R.T. -0.07 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

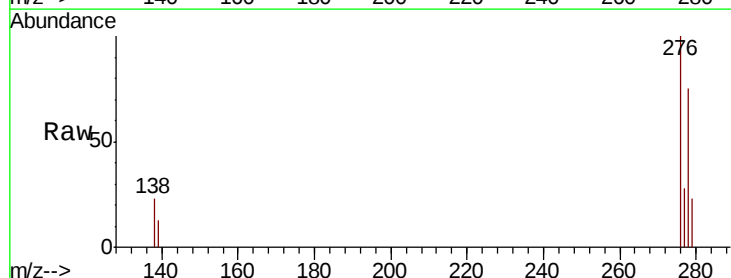
Tgt Ion:278 Resp: 4285

Ion Ratio Lower Upper

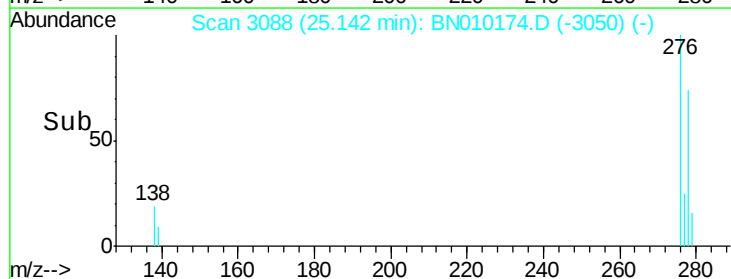
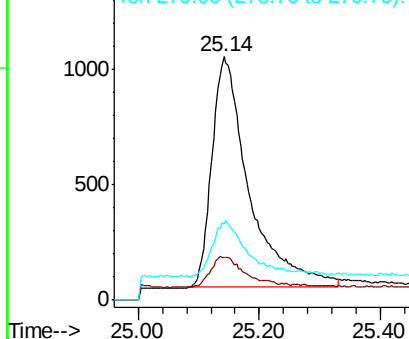
278 100

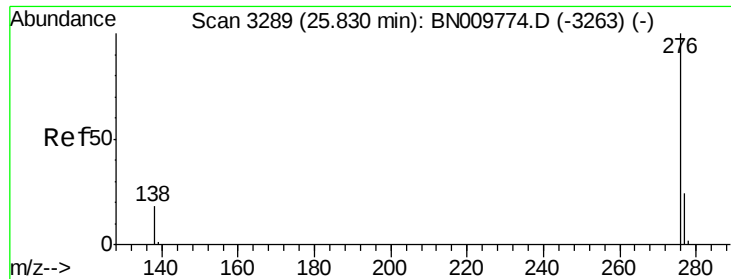
139 17.6 14.5 21.7

279 31.0 24.3 36.5



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: 0.426 ng

RT: 25.76 min Scan# 3268

Delta R.T. -0.07 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA\_N

ClientSampleId :

DFTPP

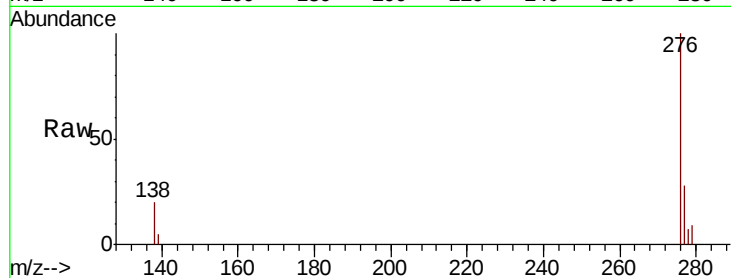
Tot Ion:276 Resp: 4789

Ion Ratio Lower Upper

276 100

277 27.6 21.4 32.0

138 20.0 16.6 24.8



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

1500

1000

500

0

25.60

25.76

25.80

Time-->

