

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\  
 Data File : BN011596.D  
 Acq On : 22 Aug 2020 20:33  
 Operator : CG/JU  
 Sample : L3729-14  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 COMP-1-(0-1)

Quant Time: Aug 24 01:25:54 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 22 04:52:07 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.39  | 152  | 2258     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.14 | 136  | 8855     | 0.40 | ng    | -0.01    |
| 13) Acenaphthene-d10      | 14.01 | 164  | 6001     | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10      | 16.77 | 188  | 12160    | 0.40 | ng    | -0.01    |
| 29) Chrysene-d12          | 21.00 | 240  | 11687    | 0.40 | ng    | -0.01    |
| 36) Perylene-d12          | 23.10 | 264  | 11202    | 0.40 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.06  | 112  | 1972     | 0.41 | ng    | 0.00     |
| 5) Phenol-d6                | 6.60  | 99   | 2343     | 0.48 | ng    | -0.02    |
| 8) Nitrobenzene-d5          | 8.53  | 82   | 2472     | 0.42 | ng    | -0.03    |
| 11) 2-Methylnaphthalene-d10 | 11.73 | 152  | 3502     | 0.22 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol    | 15.54 | 330  | 864      | 0.29 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl        | 12.63 | 172  | 9607     | 0.39 | ng    | -0.03    |
| 27) Fluoranthene-d10        | 18.82 | 212  | 10430    | 0.25 | ng    | -0.01    |
| 31) Terphenyl-d14           | 19.44 | 244  | 14421    | 0.47 | ng    | -0.01    |

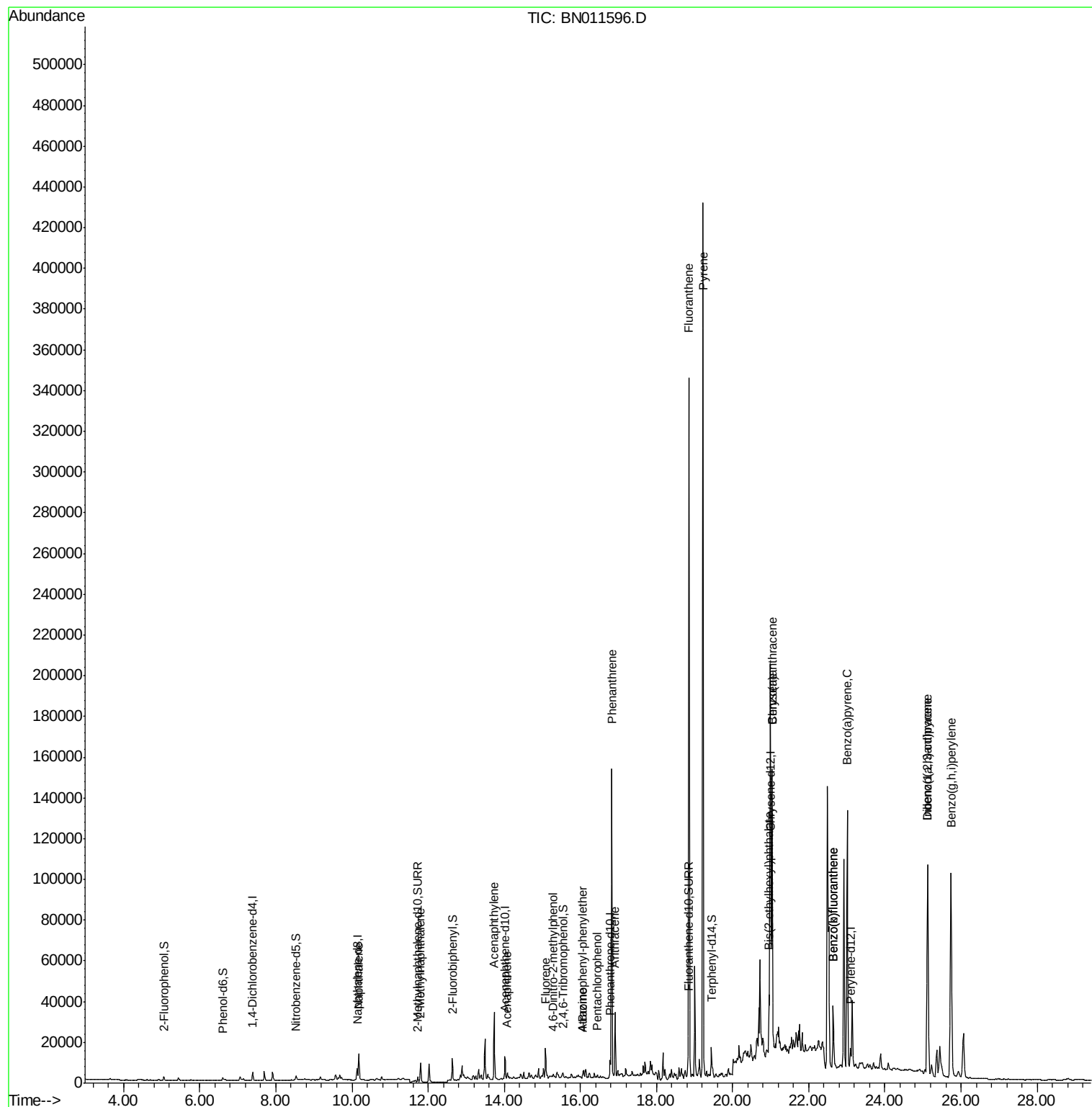
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 9) Naphthalene                 | 10.17 | 128  | 17943    | 0.699 | ng    | 96     |
| 12) 2-Methylnaphthalene        | 11.80 | 142  | 7074     | 0.401 | ng    | 98     |
| 16) Acenaphthylene             | 13.74 | 152  | 36140    | 1.184 | ng    | 100    |
| 17) Acenaphthene               | 14.08 | 154  | 1888     | 0.094 | ng    | # 93   |
| 18) Fluorene                   | 15.08 | 166  | 9935     | 0.375 | ng    | # 91   |
| 20) 4,6-Dinitro-2-methylphenol | 15.27 | 198  | 6        | 0.177 | ng    | # 1    |
| 21) 4-Bromophenyl-phenylether  | 16.06 | 248  | 187      | 0.070 | ng    | # 1    |
| 23) Atrazine                   | 16.06 | 200  | 318      | 0.050 | ng    | # 1    |
| 24) Pentachlorophenol          | 16.44 | 266  | 121      | 0.041 | ng    | 90     |
| 25) Phenanthrene               | 16.82 | 178  | 152293   | 3.978 | ng    | 100    |
| 26) Anthracene                 | 16.91 | 178  | 33938    | 1.063 | ng    | 100    |
| 28) Fluoranthene               | 18.85 | 202  | 306123   | 6.217 | ng    | 98     |
| 30) Pyrene                     | 19.22 | 202  | 376651   | 8.103 | ng    | 98     |
| 32) Benzo(a)anthracene         | 21.04 | 228  | 135830   | 3.539 | ng    | 95     |
| 33) Chrysene                   | 21.04 | 228  | 135482   | 3.102 | ng    | 98     |
| 34) Bis(2-ethylhexyl)phthalate | 20.95 | 149  | 26484    | 1.511 | ng    | 99     |
| 35) Indeno(1,2,3-cd)pyrene     | 25.12 | 276  | 155418   | 3.919 | ng    | 98     |
| 37) Benzo(b)fluoranthene       | 22.65 | 252  | 36307    | 0.877 | ng    | 94     |
| 38) Benzo(k)fluoranthene       | 22.65 | 252  | 37074    | 0.751 | ng    | 94     |
| 39) Benzo(a)pyrene             | 23.01 | 252  | 158607   | 4.139 | ng    | # 75   |
| 40) Dibenzo(a,h)anthracene     | 25.13 | 278  | 26660    | 0.832 | ng    | # 85   |
| 41) Benzo(g,h,i)perylene       | 25.74 | 276  | 185323   | 4.849 | ng    | 93     |

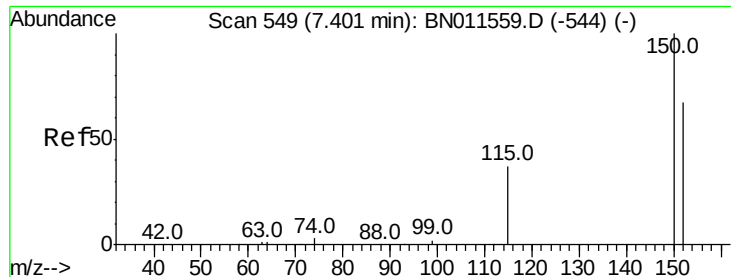
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 22 04:52:07 2020  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 548

Delta R.T. -0.01 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

Instrument :

BNA\_N

ClientSampleId :

COMP-1-(0-1)

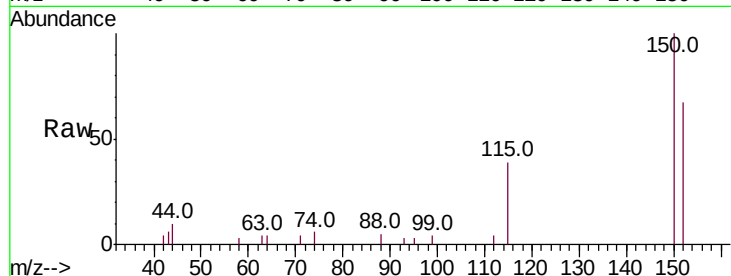
Tot Ion:152 Resp: 2258

Ion Ratio Lower Upper

152 100

150 148.3 117.1 175.7

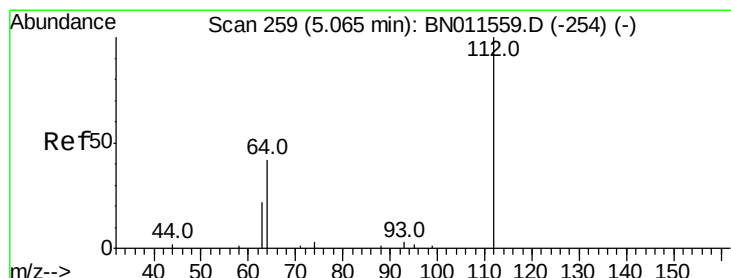
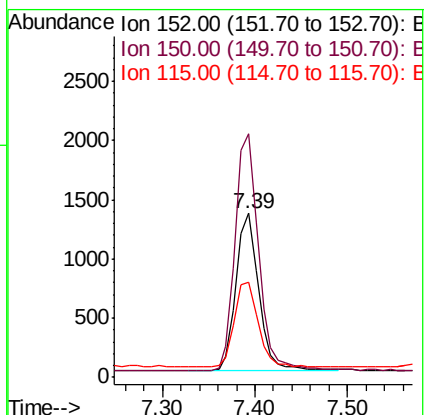
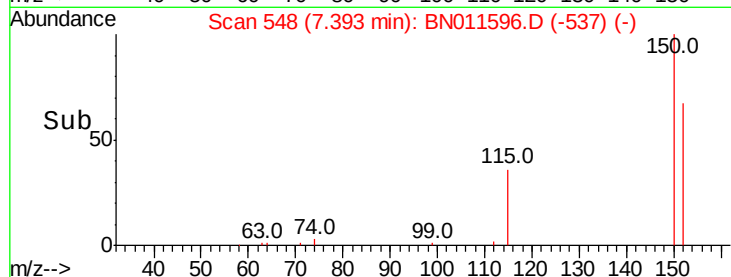
115 58.3 48.7 73.1



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



#4

2-Fluorophenol

Concen: 0.409 ng

RT: 5.06 min Scan# 258

Delta R.T. -0.01 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

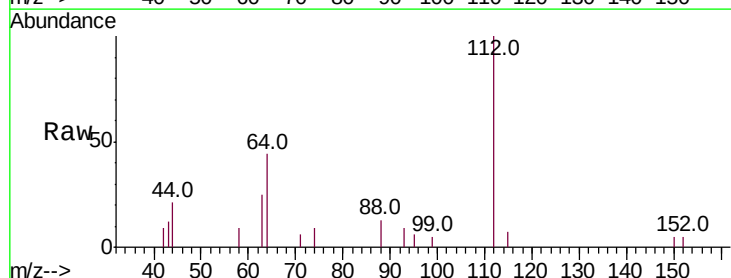
Tgt Ion:112 Resp: 1972

Ion Ratio Lower Upper

112 100

64 49.2 33.9 50.9

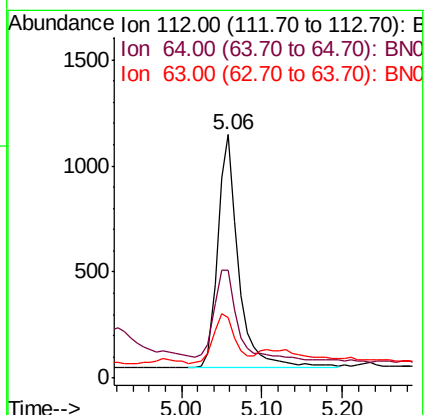
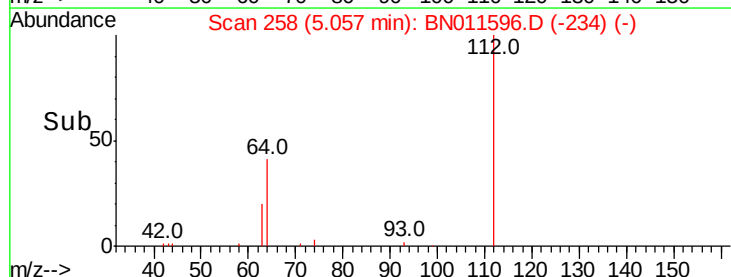
63 21.0 17.7 26.5

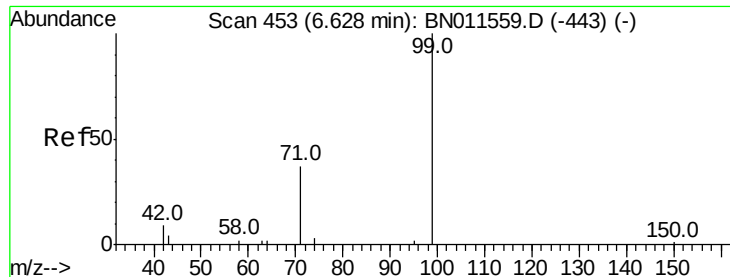


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.481 ng

RT: 6.60 min Scan# 450

Delta R.T. -0.02 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

Instrument :

BNA\_N

ClientSampleId :

COMP-1-(0-1)

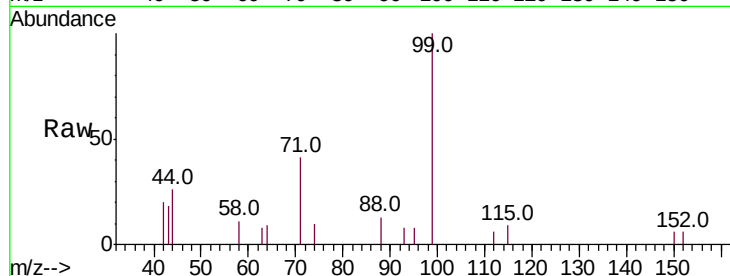
Tot Ion: 99 Resp: 2343

Ion Ratio Lower Upper

99 100

42 9.2 9.0 13.4

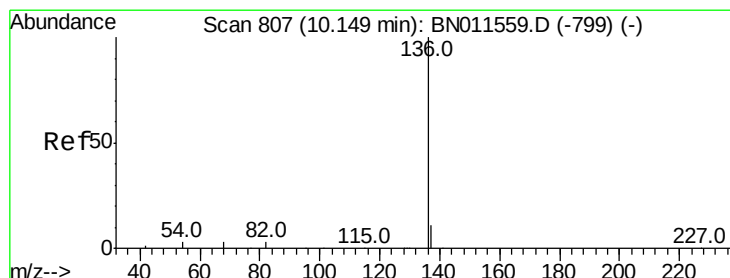
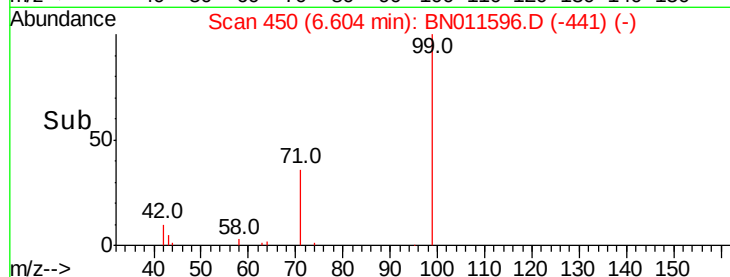
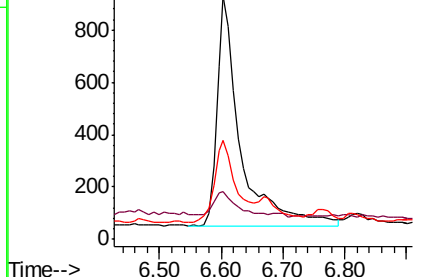
71 32.5 30.4 45.6



Abundance Ion 99.00 (98.70 to 99.70): BN011559.D (-443) (-)

Ion 42.00 (41.70 to 42.70): BN011559.D (-443) (-)

Ion 71.00 (70.70 to 71.70): BN011559.D (-443) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 806

Delta R.T. -0.01 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

Tgt Ion: 136 Resp: 8855

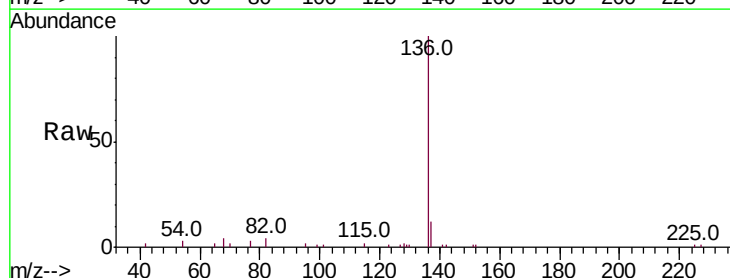
Ion Ratio Lower Upper

136 100

137 11.9 11.0 16.4

54 3.2 4.3 6.5#

68 3.7 4.9 7.3#

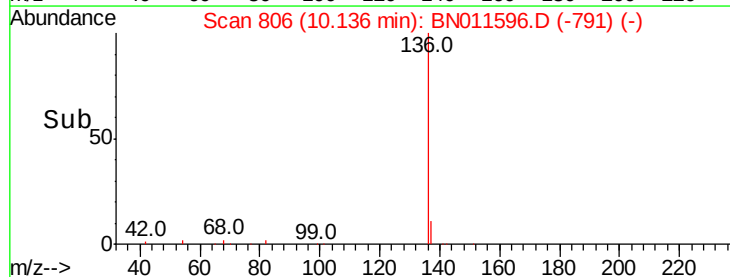
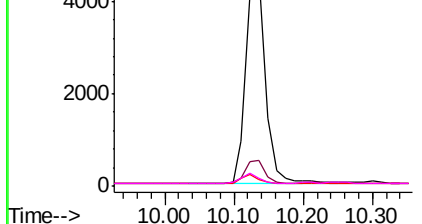


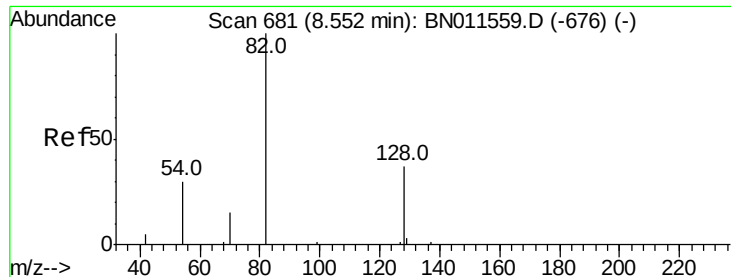
Abundance Ion 136.00 (135.70 to 136.70): BN011559.D (-799) (-)

Ion 137.00 (136.70 to 137.70): BN011559.D (-799) (-)

Ion 54.00 (53.70 to 54.70): BN011559.D (-799) (-)

Ion 68.00 (67.70 to 68.70): BN011559.D (-799) (-)





#8

Nitrobenzene-d5

Concen: 0.425 ng

RT: 8.53 min Scan# 679

Delta R.T. -0.03 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

Instrument :

BNA\_N

ClientSampleId :

COMP-1-(0-1)

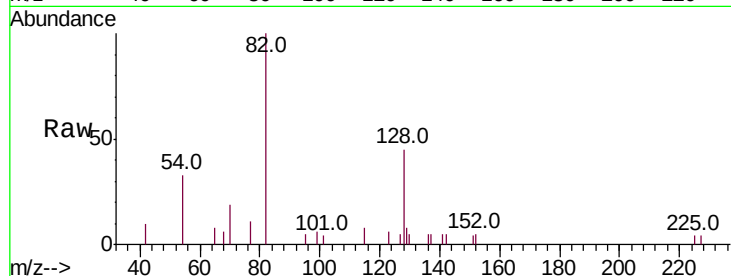
Tot Ion: 82 Resp: 2472

Ion Ratio Lower Upper

82 100

128 45.5 41.7 62.5

54 33.4 34.4 51.6#



Abundance Ion 82.00 (81.70 to 82.70): BN011559.D (-676) (-)

Ion 128.00 (127.70 to 128.70): BN011559.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BN011559.D (-676) (-)

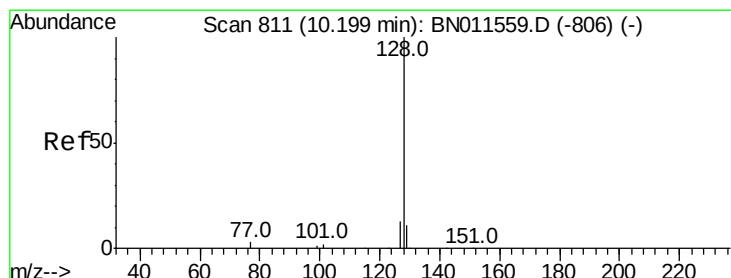
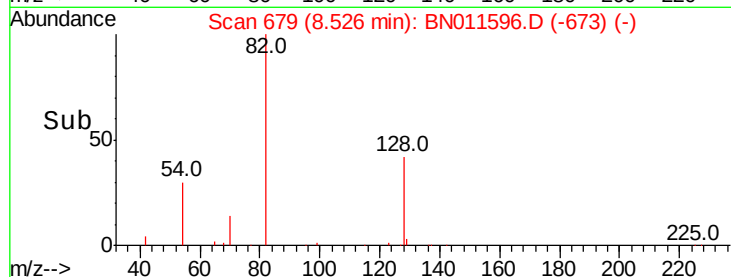
8.53

1000

500

0

Time--> 8.40 8.50 8.60 8.70



#9

Naphthalene

Concen: 0.699 ng

RT: 10.17 min Scan# 809

Delta R.T. -0.03 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

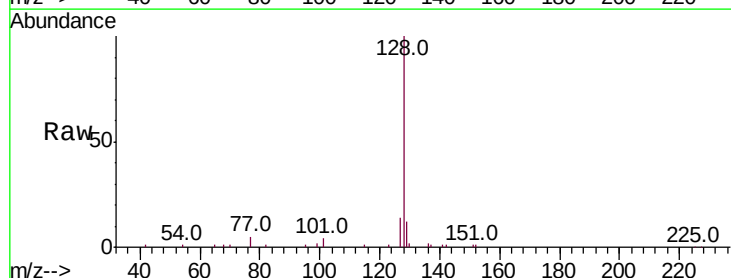
Tgt Ion: 128 Resp: 17943

Ion Ratio Lower Upper

128 100

129 11.8 10.8 16.2

127 13.8 12.3 18.5



Abundance Ion 128.00 (127.70 to 128.70): BN011559.D (-806) (-)

Ion 129.00 (128.70 to 129.70): BN011559.D (-806) (-)

Ion 127.00 (126.70 to 127.70): BN011559.D (-806) (-)

10.17

12000

10000

8000

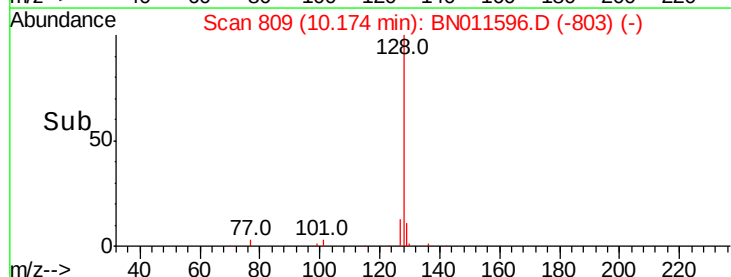
6000

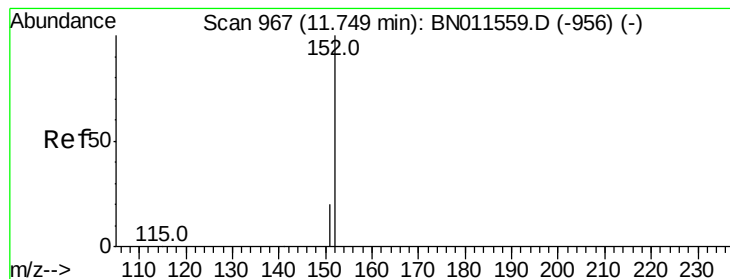
4000

2000

0

Time--> 10.10 10.20 10.30 10.40





#11

2-Methylnaphthalene-d10

Concen: 0.221 ng

RT: 11.73 min Scan# 962

Delta R.T. -0.02 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

Instrument :

BNA\_N

ClientSampleId :

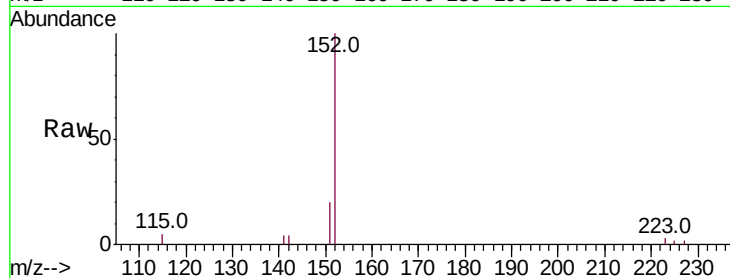
COMP-1-(0-1)

Tot Ion:152 Resp: 3502

Ion Ratio Lower Upper

152 100

151 19.8 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

2500

2000

1500

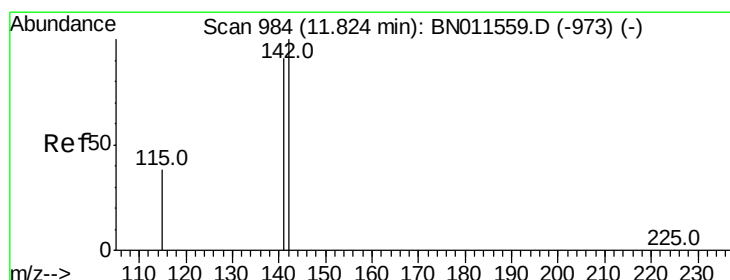
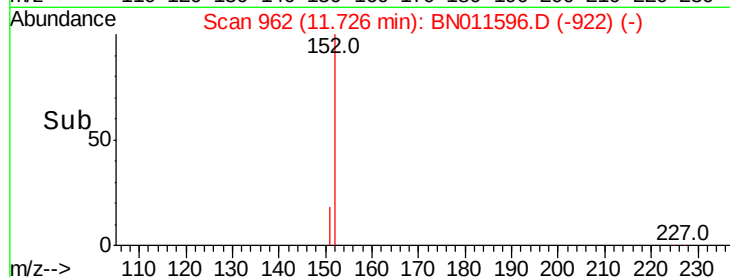
1000

500

0

Time-->

11.60 11.70 11.80



#12

2-Methylnaphthalene

Concen: 0.401 ng

RT: 11.80 min Scan# 979

Delta R.T. -0.02 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

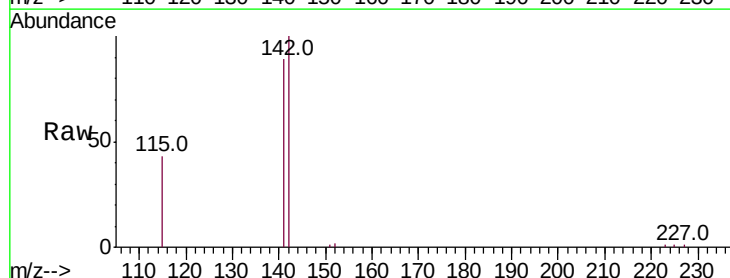
Tgt Ion:142 Resp: 7074

Ion Ratio Lower Upper

142 100

141 89.2 73.0 109.6

115 43.2 33.4 50.0



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

11.80

5000

4000

3000

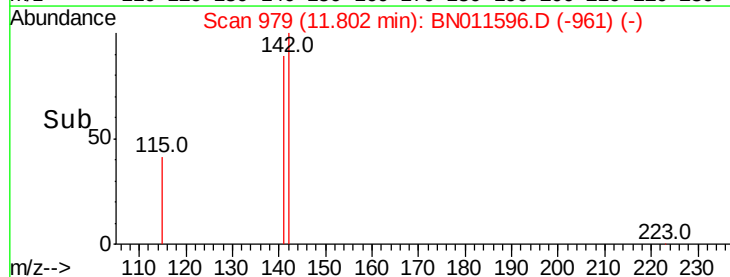
2000

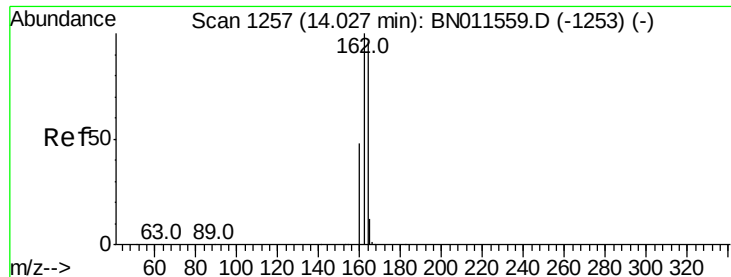
1000

0

Time-->

11.70 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

Instrument :

BNA\_N

ClientSampleId :

COMP-1-(0-1)

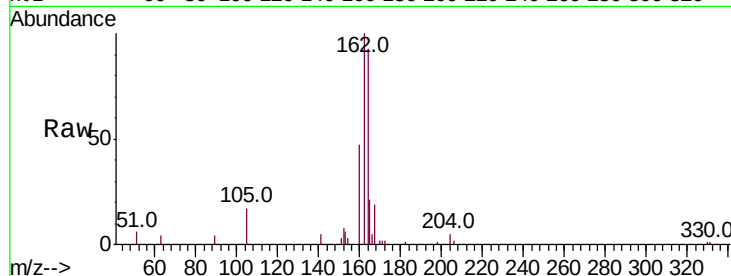
Tot Ion:164 Resp: 6001

Ion Ratio Lower Upper

164 100

162 107.5 83.7 125.5

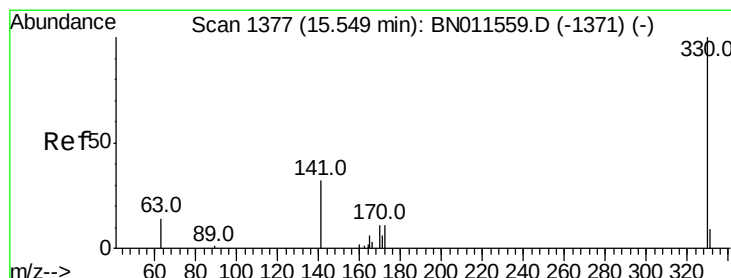
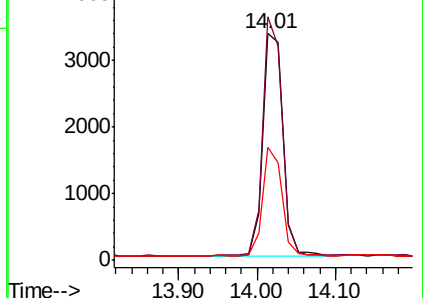
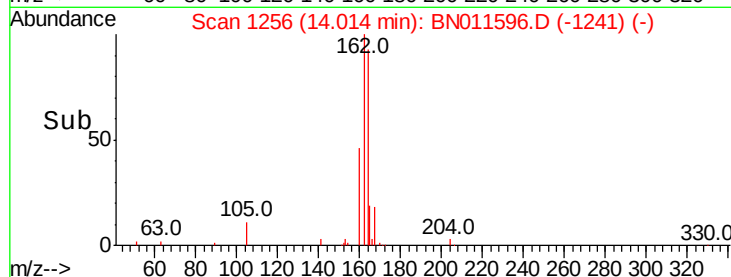
160 50.1 41.1 61.7



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: 0.289 ng

RT: 15.54 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

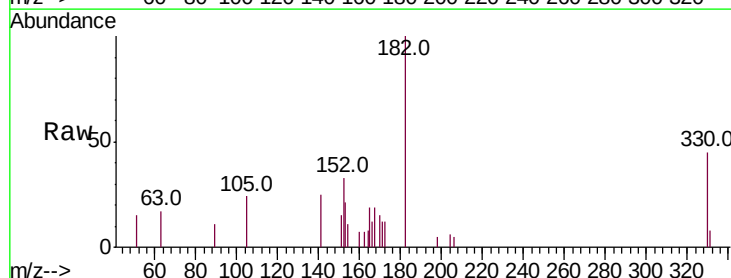
Tgt Ion:330 Resp: 864

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

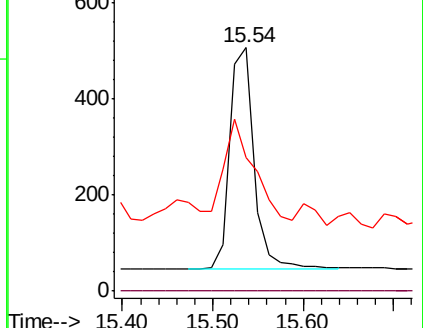
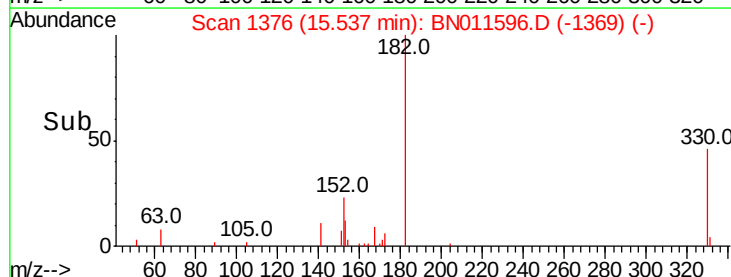
141 55.0 34.6 52.0#

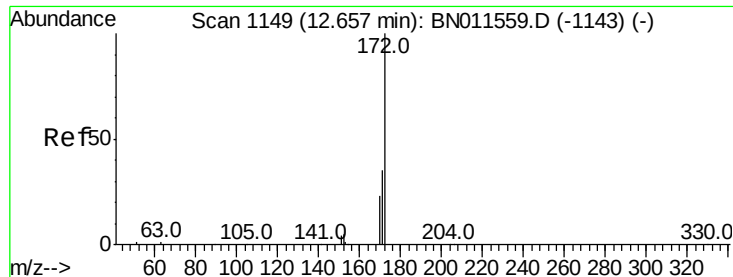


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

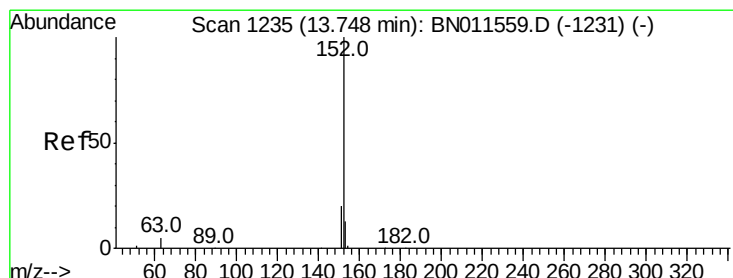
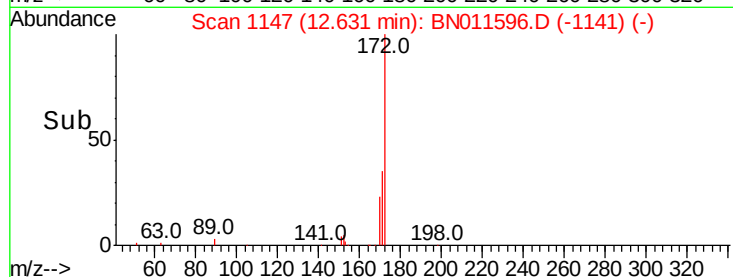
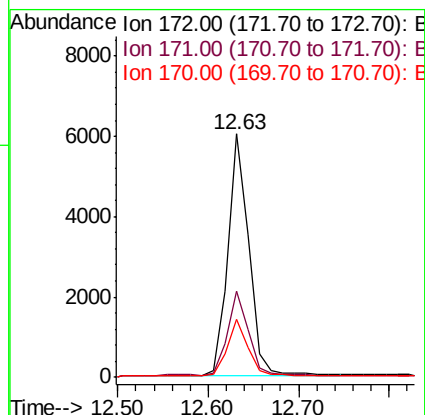
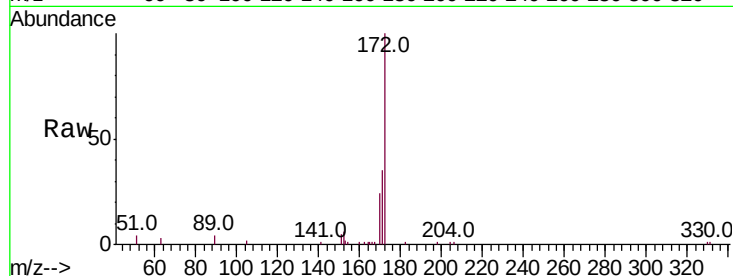




#15  
2-Fluorobiphenyl  
Concen: 0.389 ng  
RT: 12.63 min Scan# 1147  
Delta R.T. -0.03 min  
Lab File: BN011596.D  
Acq: 22 Aug 2020 20:33

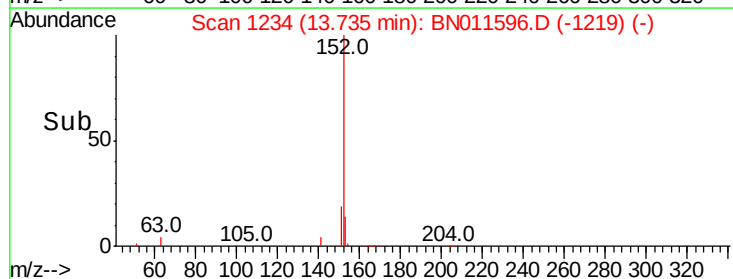
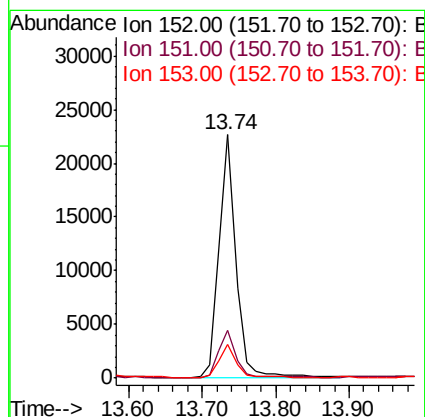
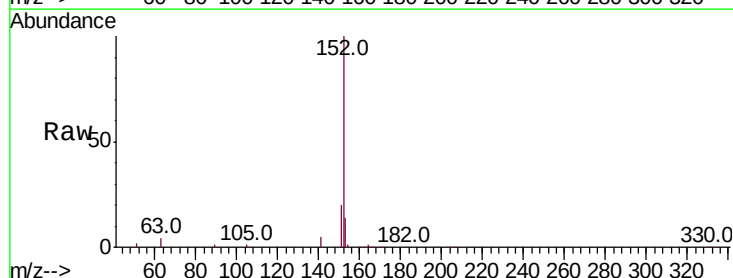
Instrument :  
BNA\_N  
ClientSampleId :  
COMP-1-(0-1)

Tot Ion:172 Resp: 9607  
Ion Ratio Lower Upper  
172 100  
171 35.4 29.4 44.0  
170 23.8 20.1 30.1

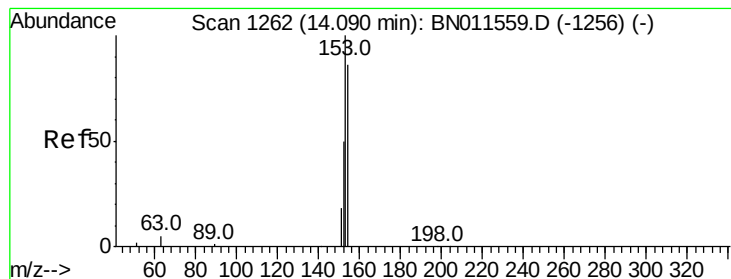


#16  
Acenaphthylene  
Concen: 1.184 ng  
RT: 13.74 min Scan# 1234  
Delta R.T. -0.01 min  
Lab File: BN011596.D  
Acq: 22 Aug 2020 20:33

Tgt Ion:152 Resp: 36140  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.8 23.8  
153 13.5 10.6 16.0







#17

Acenaphthene

Concen: 0.094 ng

RT: 14.08 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

Instrument :

BNA\_N

ClientSampleId :

COMP-1-(0-1)

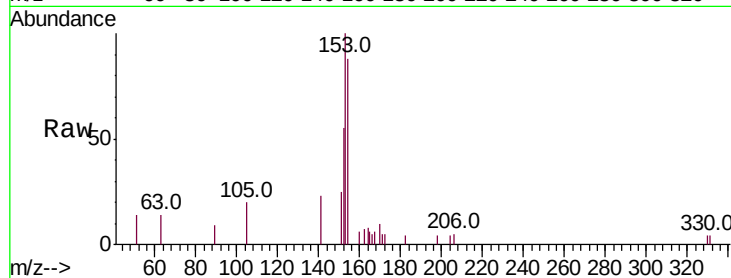
Tot Ion:154 Resp: 1888

Ion Ratio Lower Upper

154 100

153 117.6 91.8 137.8

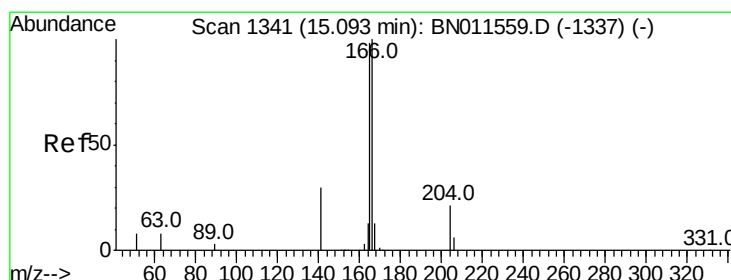
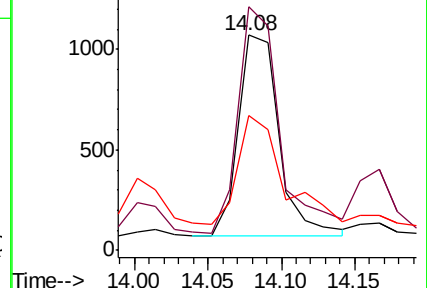
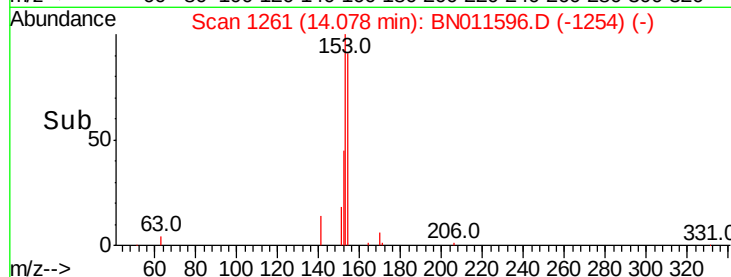
152 70.0 46.3 69.5#



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: 0.375 ng

RT: 15.08 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

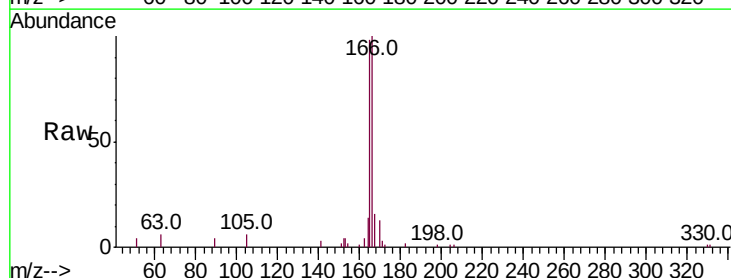
Tgt Ion:166 Resp: 9935

Ion Ratio Lower Upper

166 100

165 106.3 78.2 117.2

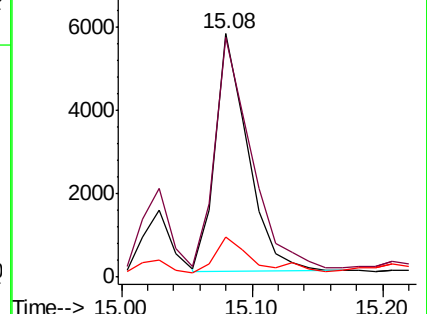
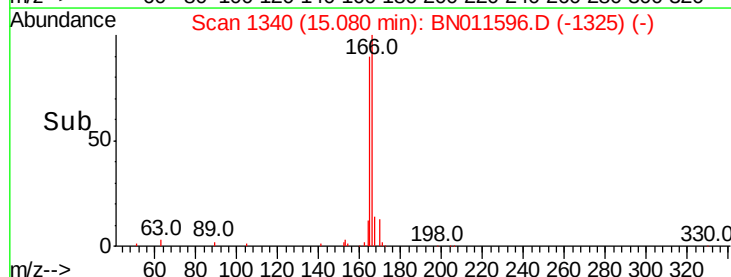
167 18.0 10.7 16.1#

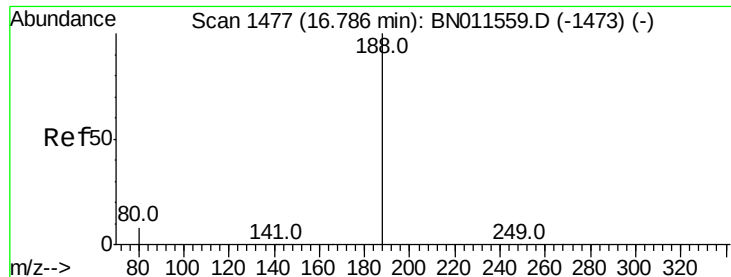


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.77 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

Instrument :

BNA\_N

ClientSampleId :

COMP-1-(0-1)

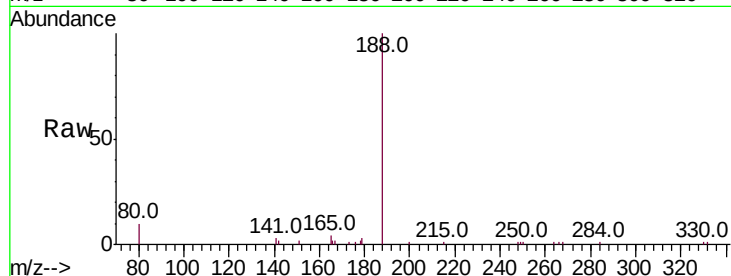
Tot Ion:188 Resp: 12160

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

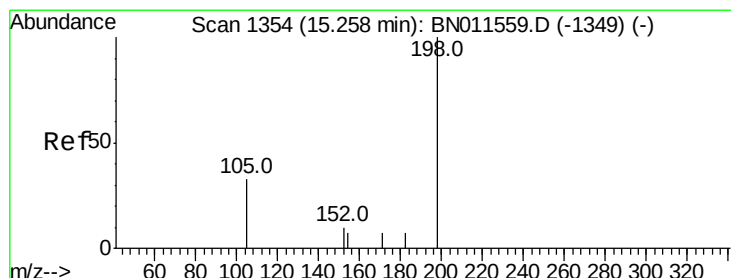
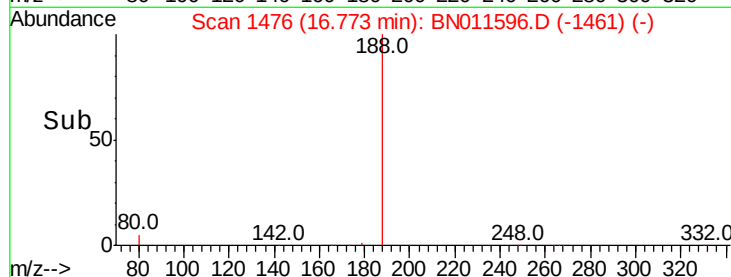
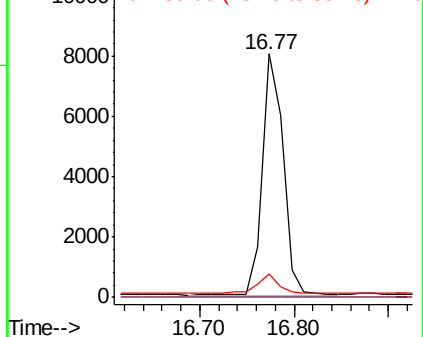
80 9.7 7.6 11.4



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

4,6-Dinitro-2-methylphenol

Concen: 0.177 ng

RT: 15.27 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

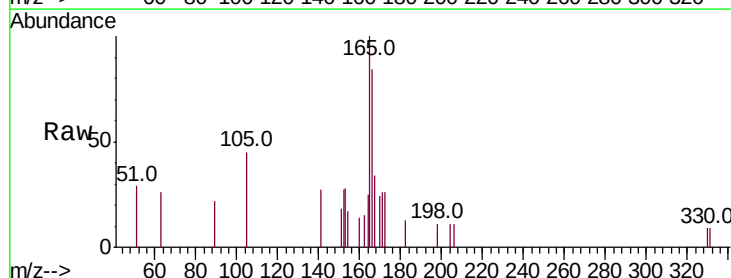
Tgt Ion:198 Resp: 6

Ion Ratio Lower Upper

198 100

51 271.4 89.4 134.2#

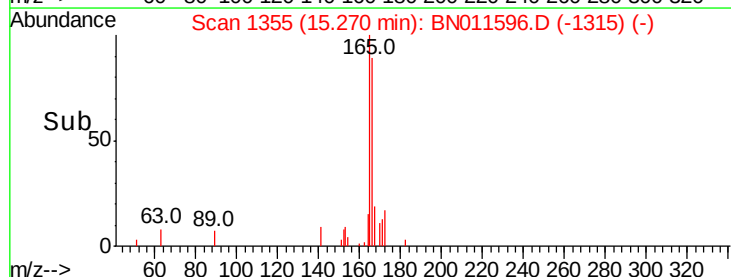
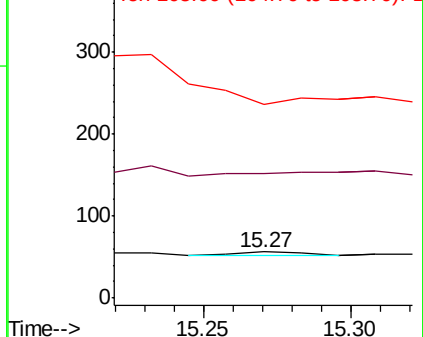
105 423.2 70.6 105.8#

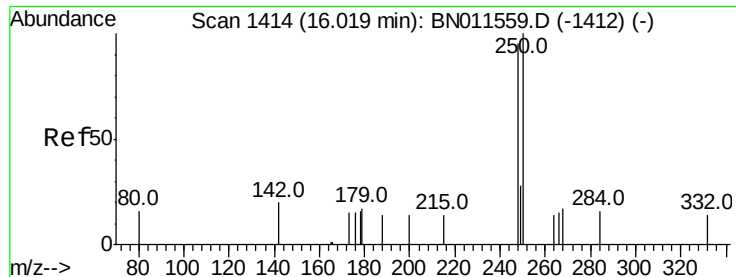


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E

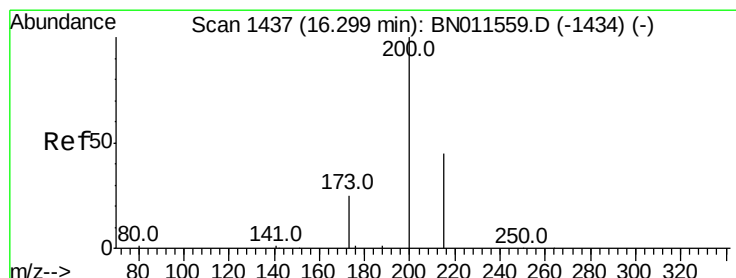
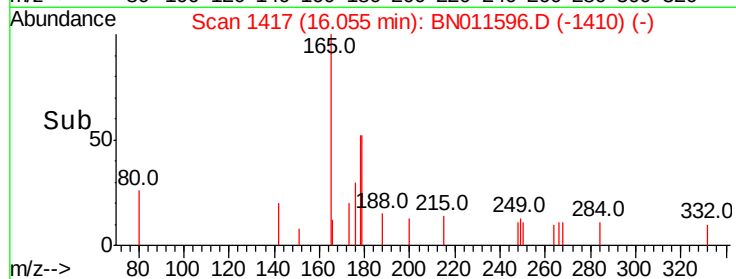
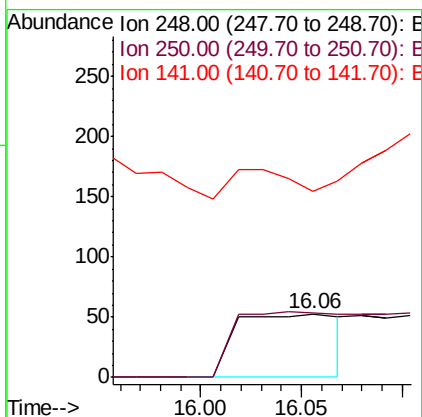
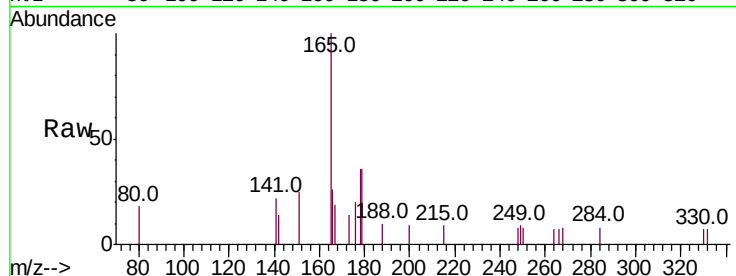




#21  
4-Bromophenyl-phenylether  
Concen: 0.070 ng  
RT: 16.06 min Scan# 1417  
Delta R.T. 0.04 min  
Lab File: BN011596.D  
Acq: 22 Aug 2020 20:33

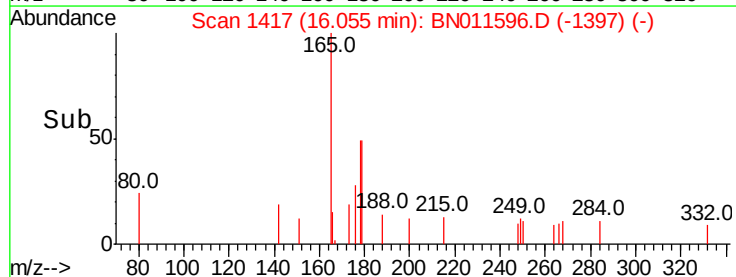
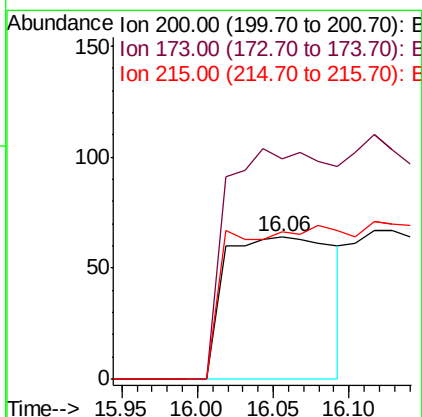
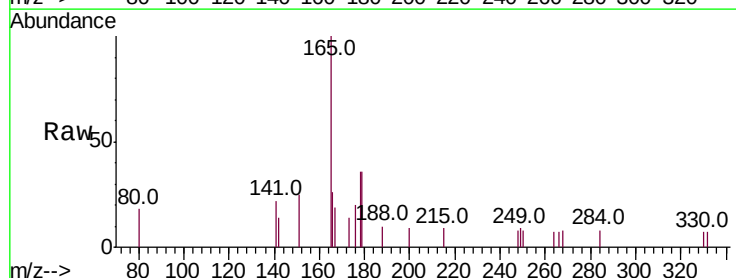
Instrument :  
BNA\_N  
ClientSampled :  
COMP-1-(0-1)

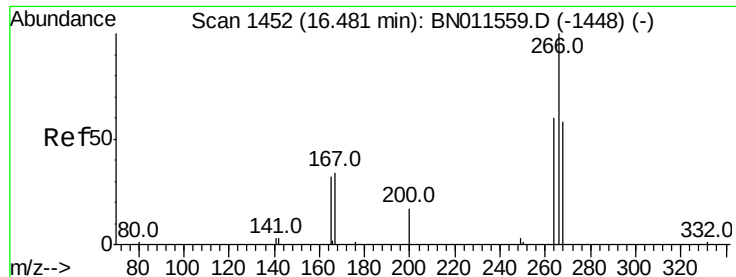
Tot Ion:248 Resp: 187  
Ion Ratio Lower Upper  
248 100  
250 101.9 83.8 125.8  
141 292.5 41.0 61.6#



#23  
Atrazine  
Concen: 0.050 ng  
RT: 16.06 min Scan# 1417  
Delta R.T. -0.24 min  
Lab File: BN011596.D  
Acq: 22 Aug 2020 20:33

Tgt Ion:200 Resp: 318  
Ion Ratio Lower Upper  
200 100  
173 154.7 27.7 41.5#  
215 103.1 41.5 62.3#





#24

Pentachlorophenol

Concen: 0.041 ng

RT: 16.44 min Scan# 1449

Delta R.T. -0.04 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

Instrument :

BNA\_N

ClientSampleId :

COMP-1-(0-1)

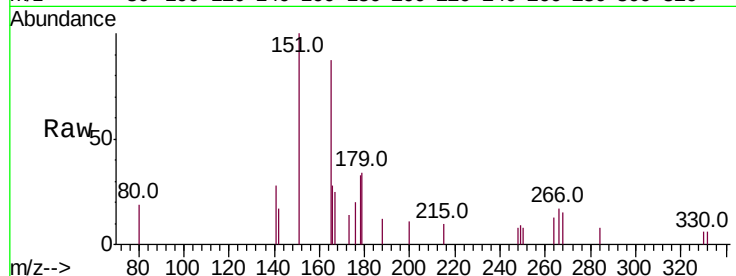
Tot Ion:266 Resp: 121

Ion Ratio Lower Upper

266 100

264 70.2 48.7 73.1

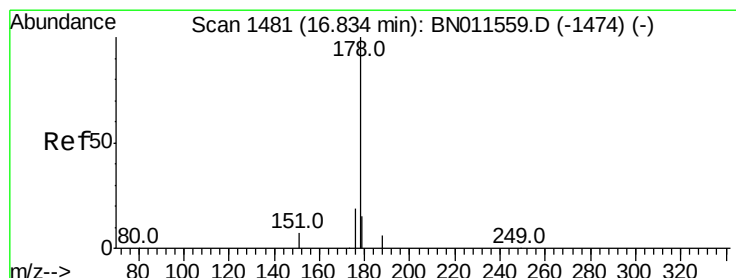
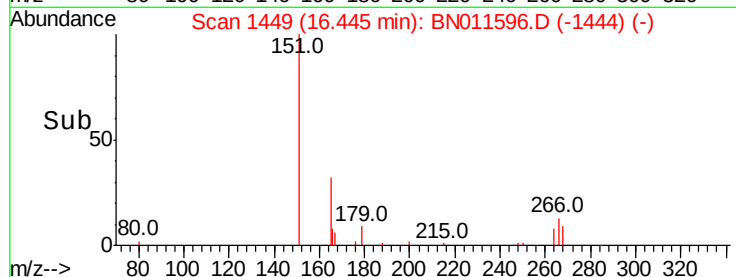
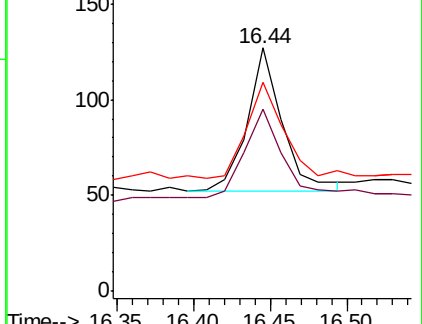
268 70.2 51.0 76.6



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



#25

Phenanthrene

Concen: 3.978 ng

RT: 16.82 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

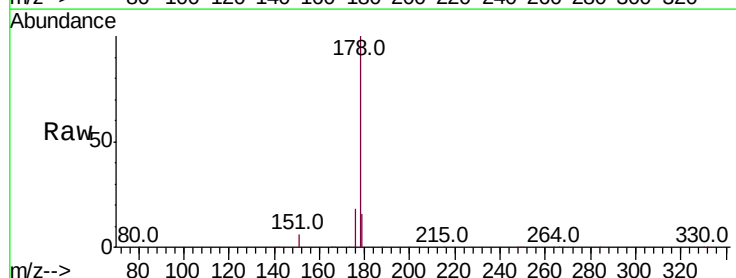
Tgt Ion:178 Resp: 152293

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

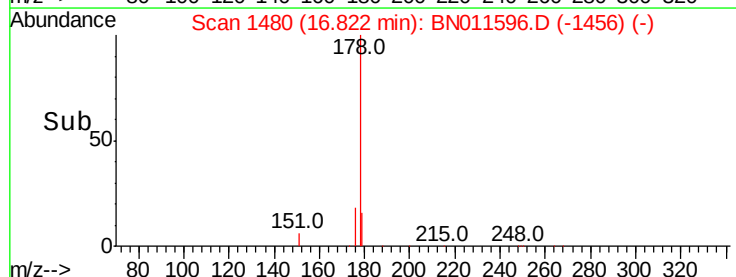
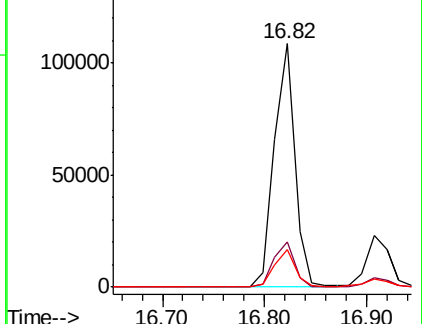
179 15.5 12.3 18.5

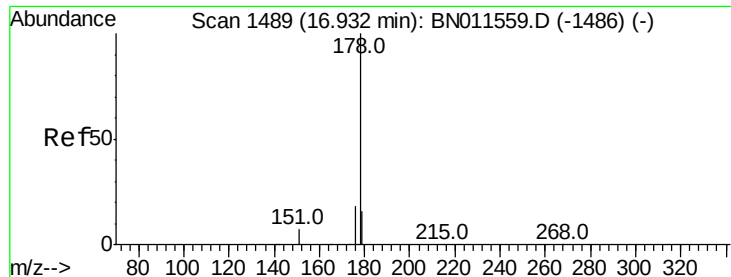


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#26

Anthracene

Concen: 1.063 ng

RT: 16.91 min Scan# 1487

Delta R.T. -0.02 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

Instrument :

BNA\_N

ClientSampleId :

COMP-1-(0-1)

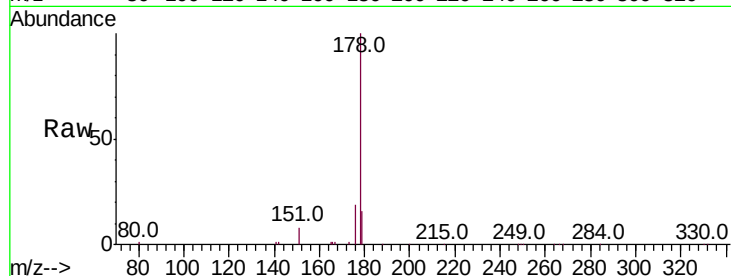
Tot Ion:178 Resp: 33938

Ion Ratio Lower Upper

178 100

176 18.1 14.4 21.6

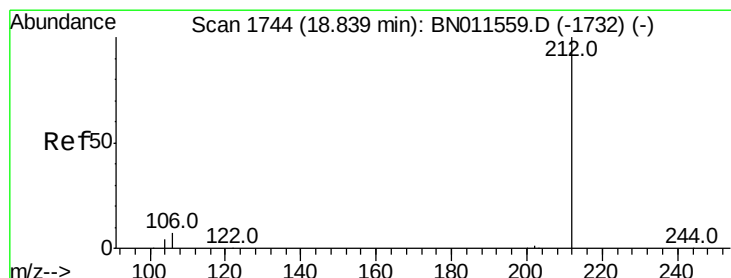
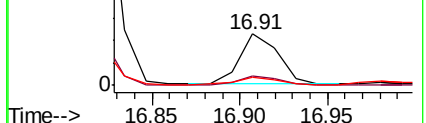
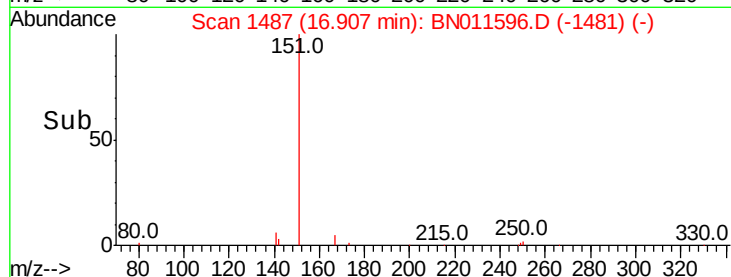
179 15.9 12.9 19.3



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



#27

Fluoranthene-d10

Concen: 0.255 ng

RT: 18.82 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

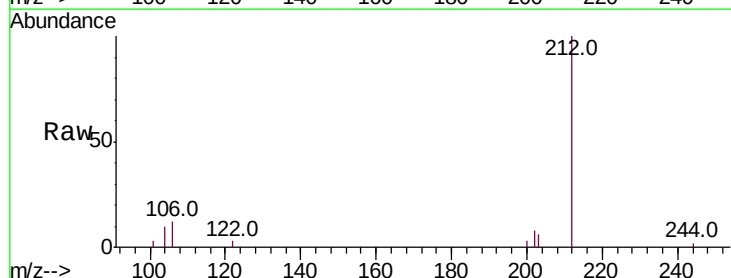
Tgt Ion:212 Resp: 10430

Ion Ratio Lower Upper

212 100

106 9.8 6.2 9.2#

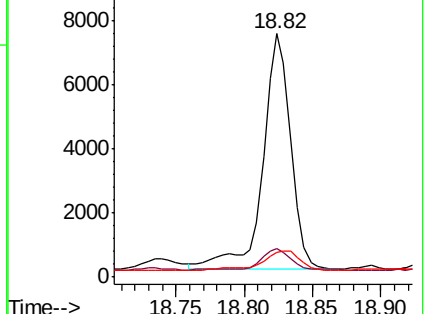
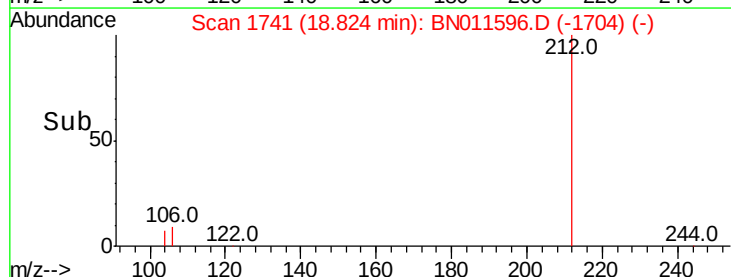
104 11.5 3.8 5.6#

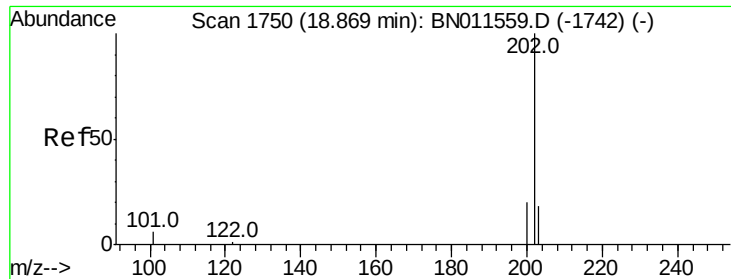


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

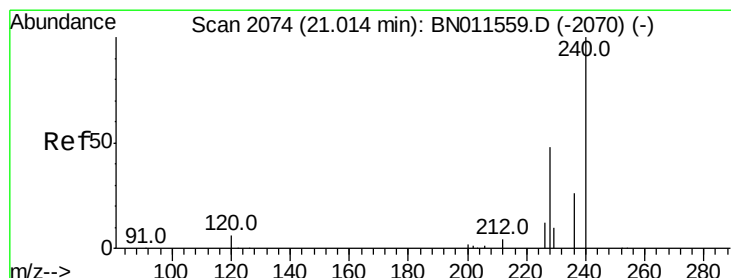
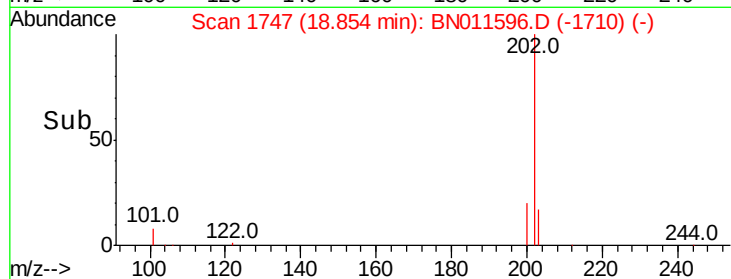
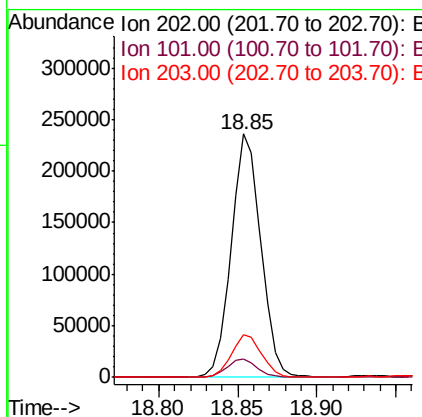
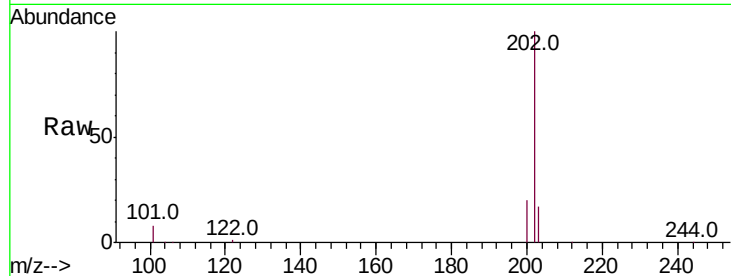




#28  
 Fluoranthene  
 Concen: 6.217 ng  
 RT: 18.85 min Scan# 1747  
 Delta R.T. -0.01 min  
 Lab File: BN011596.D  
 Acq: 22 Aug 2020 20:33

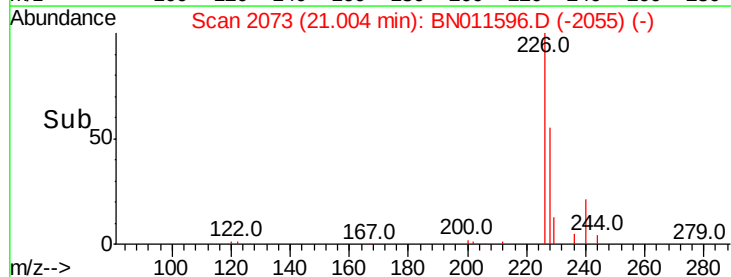
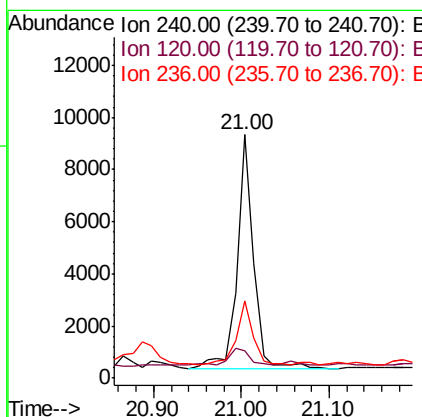
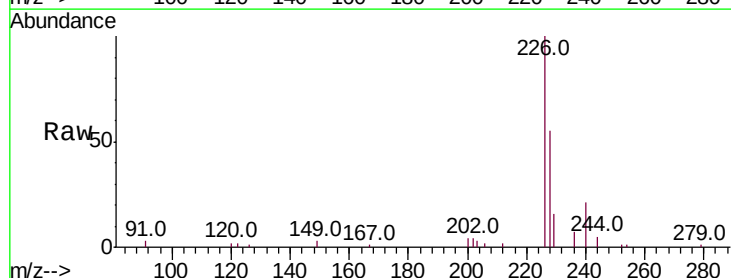
Instrument :  
 BNA\_N  
 ClientSampleId :  
 COMP-1-(0-1)

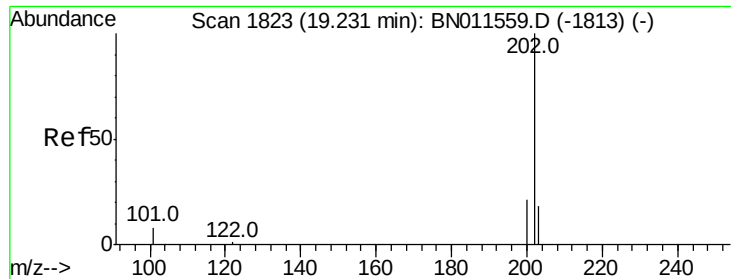
Tot Ion:202 Resp: 306123  
 Ion Ratio Lower Upper  
 202 100  
 101 7.7 5.2 7.8  
 203 17.5 13.6 20.4



#29  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.00 min Scan# 2073  
 Delta R.T. -0.01 min  
 Lab File: BN011596.D  
 Acq: 22 Aug 2020 20:33

Tgt Ion:240 Resp: 11687  
 Ion Ratio Lower Upper  
 240 100  
 120 11.3 7.4 11.0#  
 236 31.5 22.3 33.5

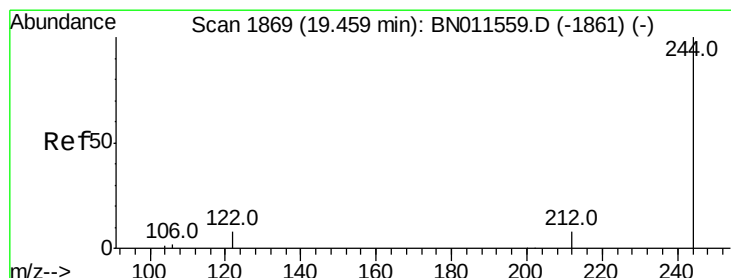
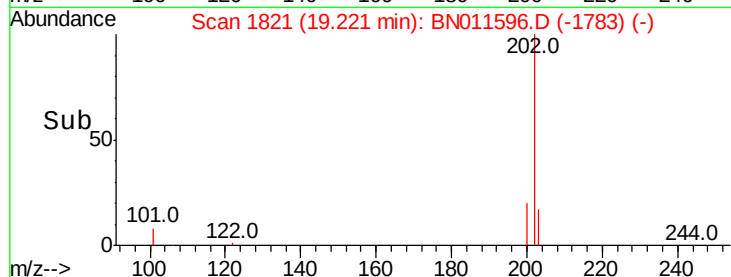
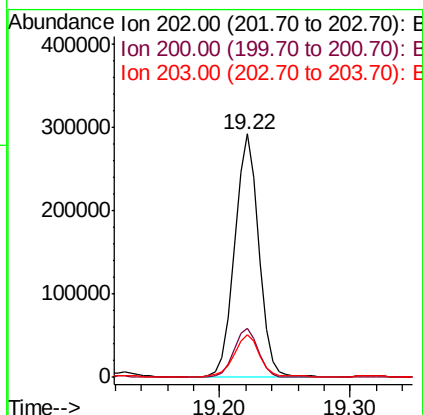
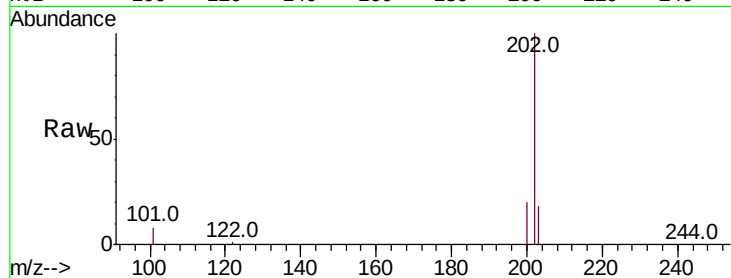




#30  
Pvrene  
Concen: 8.103 ng  
RT: 19.22 min Scan# 1821  
Delta R.T. -0.01 min  
Lab File: BN011596.D  
Acq: 22 Aug 2020 20:33

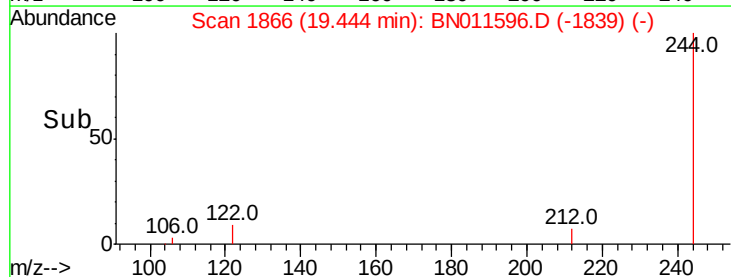
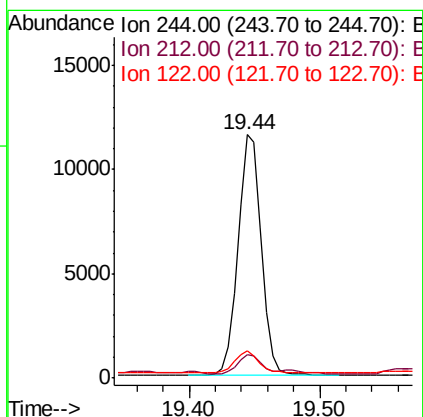
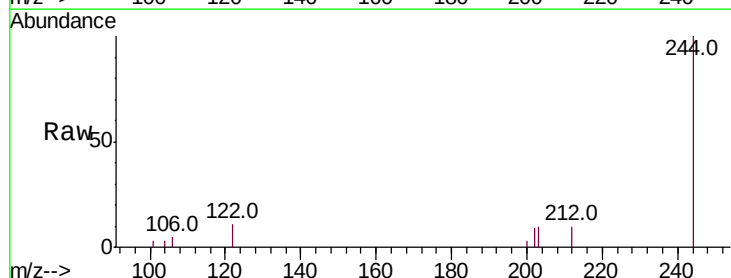
Instrument :  
BNA\_N  
ClientSampleId :  
COMP-1-(0-1)

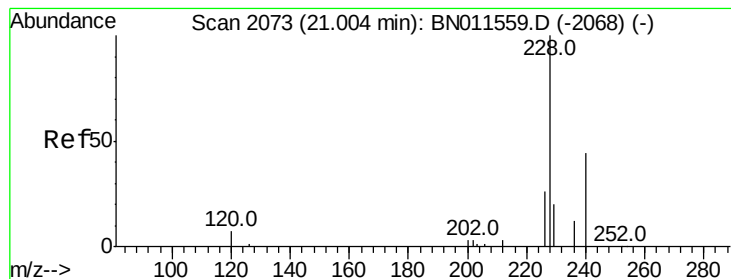
Tot Ion:202 Resp: 376651  
Ion Ratio Lower Upper  
202 100  
200 20.5 16.6 25.0  
203 18.8 14.2 21.2



#31  
Terphenyl-d14  
Concen: 0.473 ng  
RT: 19.44 min Scan# 1866  
Delta R.T. -0.01 min  
Lab File: BN011596.D  
Acq: 22 Aug 2020 20:33

Tgt Ion:244 Resp: 14421  
Ion Ratio Lower Upper  
244 100  
212 9.6 8.2 12.4  
122 11.2 8.0 12.0





#32

Benzo(a)anthracene

Concen: 3.539 ng

RT: 21.04 min Scan# 2076

Delta R.T. 0.03 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

Instrument :

BNA\_N

ClientSampleId :

COMP-1-(0-1)

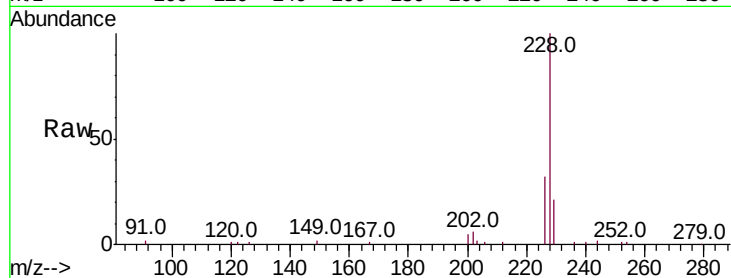
Tot Ion:228 Resp: 135830

Ion Ratio Lower Upper

228 100

226 32.1 22.2 33.2

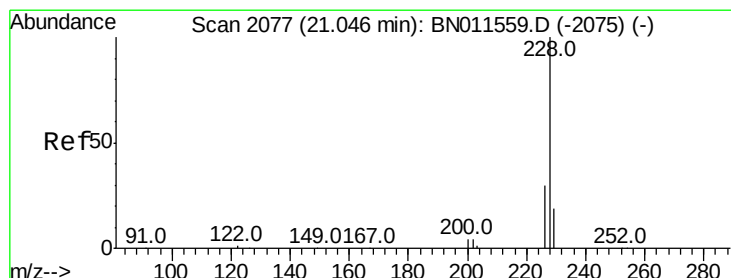
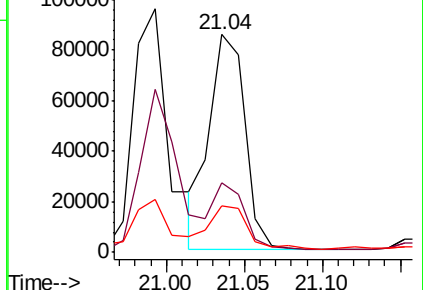
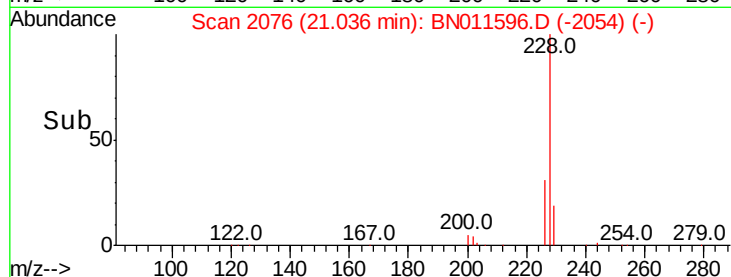
229 21.2 16.9 25.3



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



#33

Chrysene

Concen: 3.102 ng

RT: 21.04 min Scan# 2076

Delta R.T. -0.01 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

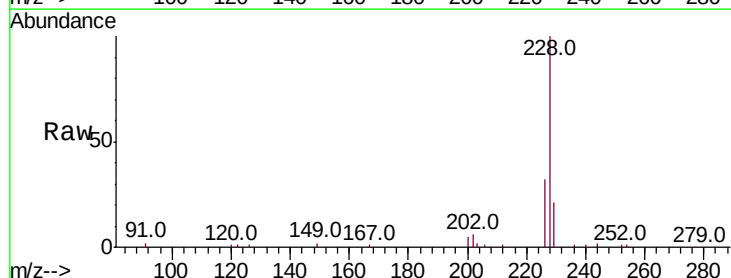
Tgt Ion:228 Resp: 135482

Ion Ratio Lower Upper

228 100

226 32.1 24.5 36.7

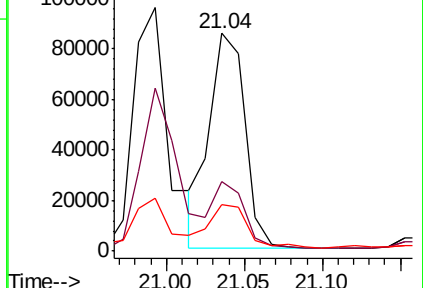
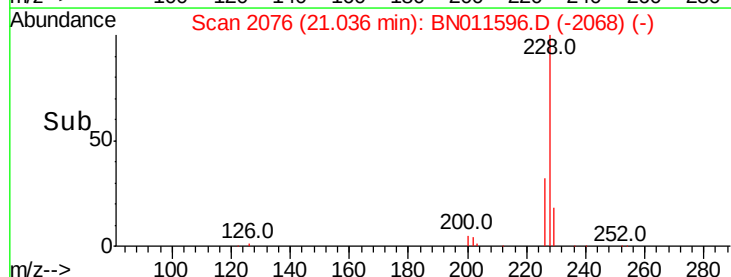
229 21.2 16.2 24.2



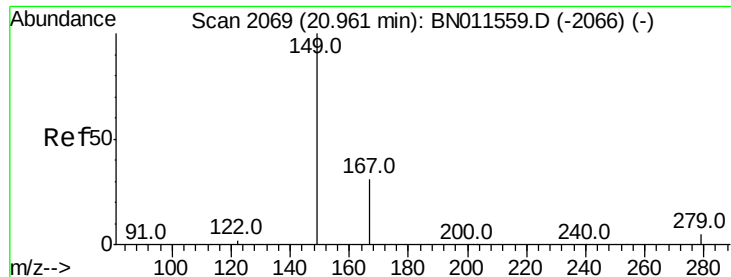
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E







#34

Bis(2-ethylhexyl)phthalate

Concen: 1.511 ng

RT: 20.95 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

Instrument :

BNA\_N

ClientSampleId :

COMP-1-(0-1)

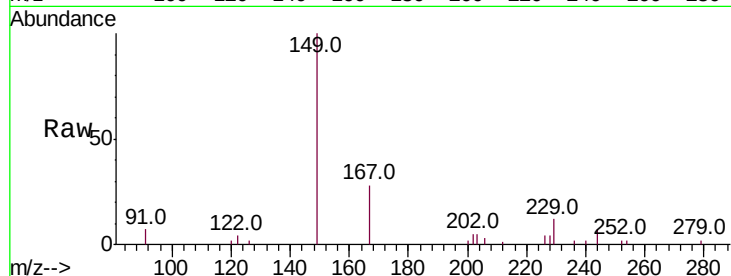
Tot Ion:149 Resp: 26484

Ion Ratio Lower Upper

149 100

167 28.0 22.8 34.2

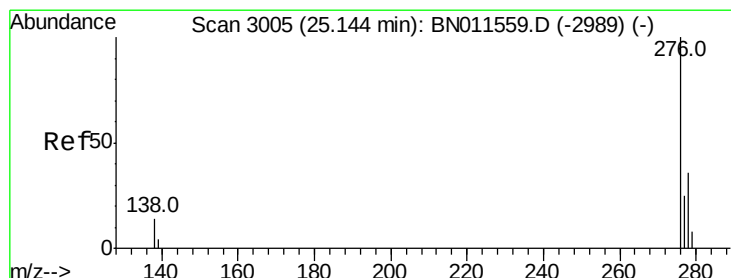
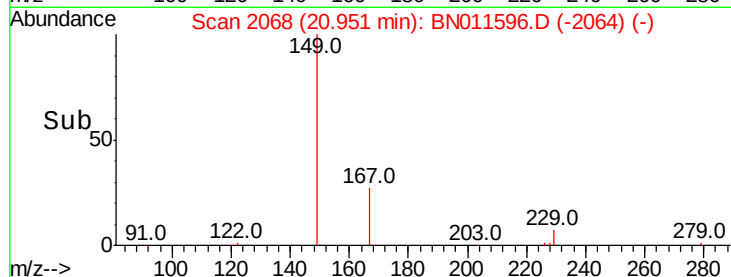
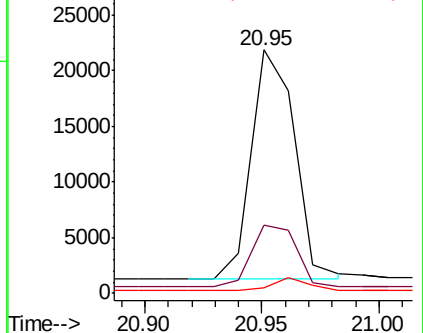
279 4.8 4.2 6.2



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



#35

Indeno(1,2,3-cd)pyrene

Concen: 3.919 ng

RT: 25.12 min Scan# 2999

Delta R.T. -0.02 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

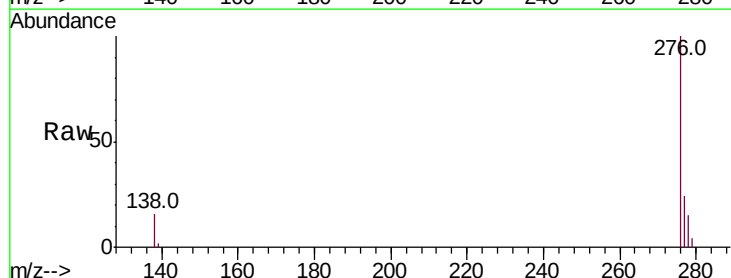
Tgt Ion:276 Resp: 155418

Ion Ratio Lower Upper

276 100

138 15.2 11.6 17.4

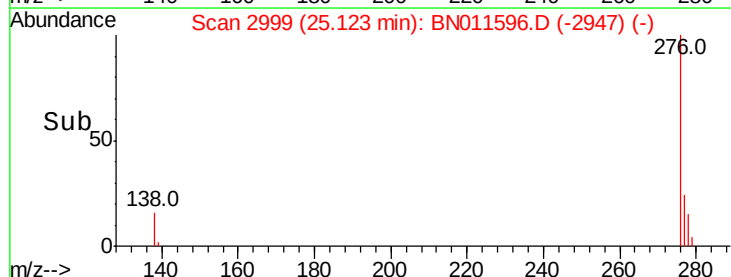
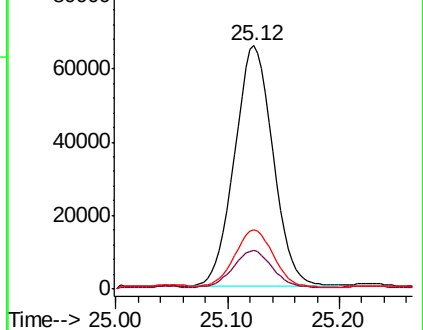
277 24.0 18.2 27.4

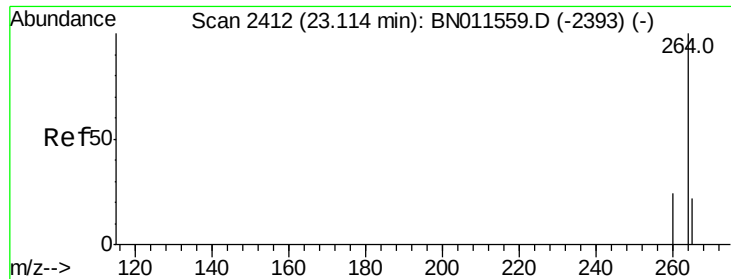


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

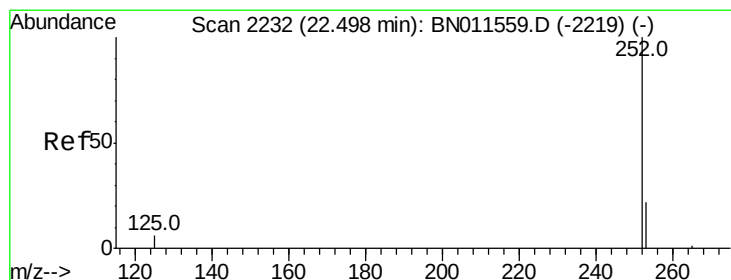
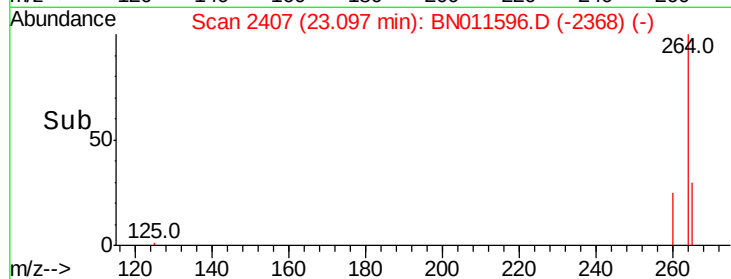
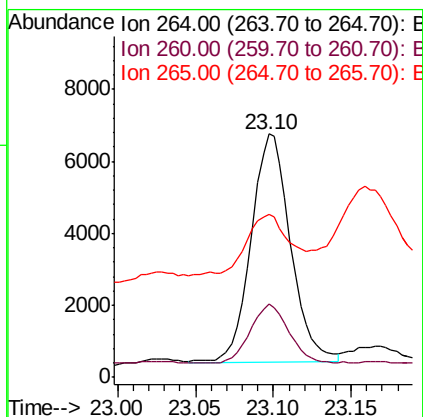
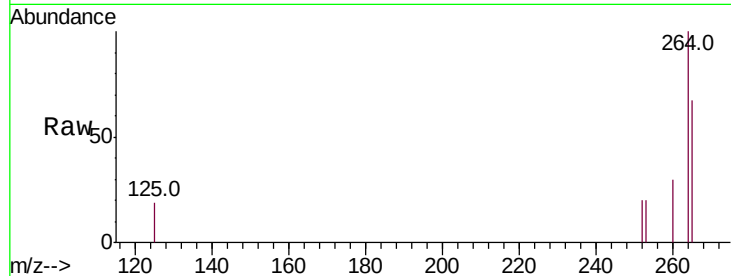




#36  
Pervlene-d12  
Concen: 0.400 ng  
RT: 23.10 min Scan# 2407  
Delta R.T. -0.02 min  
Lab File: BN011596.D  
Acq: 22 Aug 2020 20:33

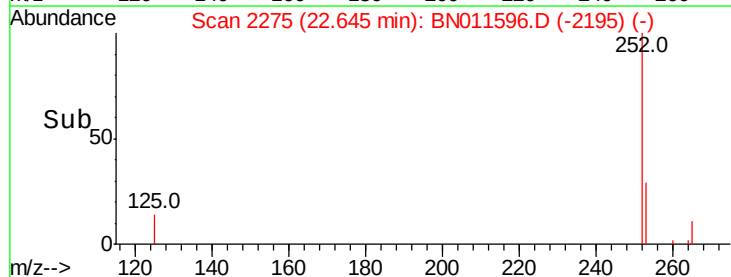
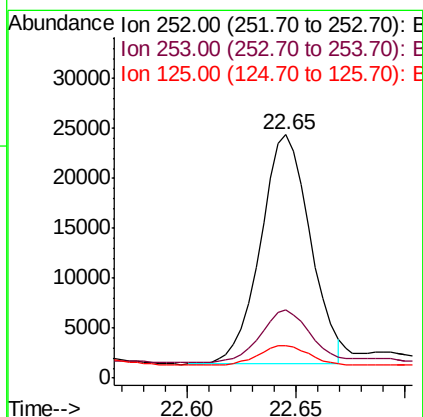
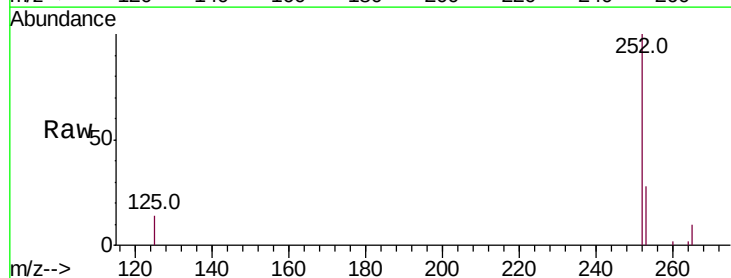
Instrument :  
BNA\_N  
ClientSampleId :  
COMP-1-(0-1)

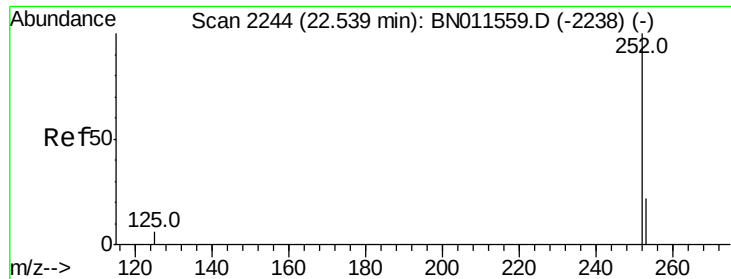
Tot Ion:264 Resp: 11202  
Ion Ratio Lower Upper  
264 100  
260 30.0 20.3 30.5  
265 67.0 96.1 144.1#



#37  
Benzo(b)fluoranthene  
Concen: 0.877 ng  
RT: 22.65 min Scan# 2275  
Delta R.T. 0.15 min  
Lab File: BN011596.D  
Acq: 22 Aug 2020 20:33

Tgt Ion:252 Resp: 36307  
Ion Ratio Lower Upper  
252 100  
253 27.9 25.5 38.3  
125 13.6 10.2 15.4

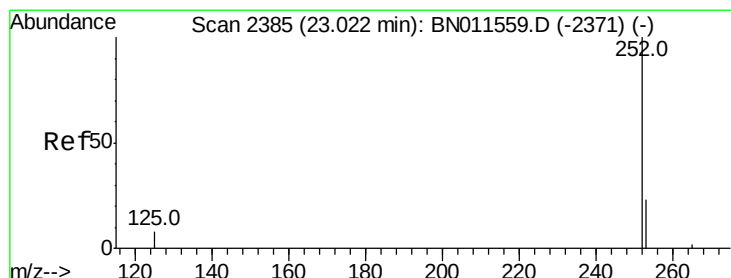
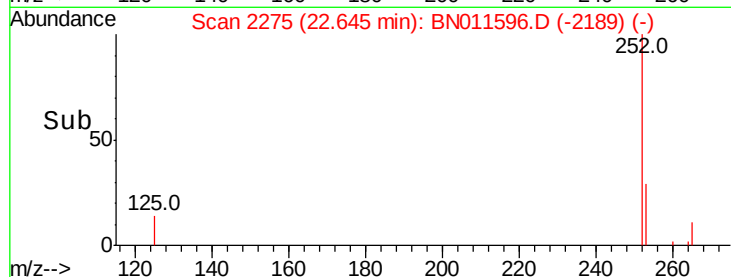
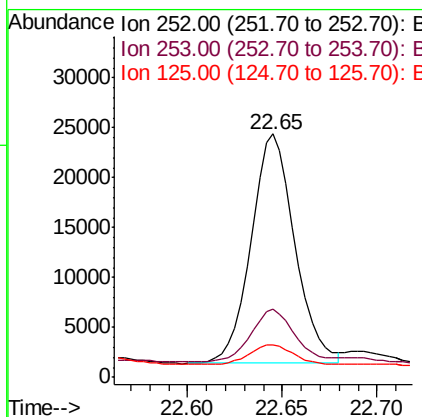
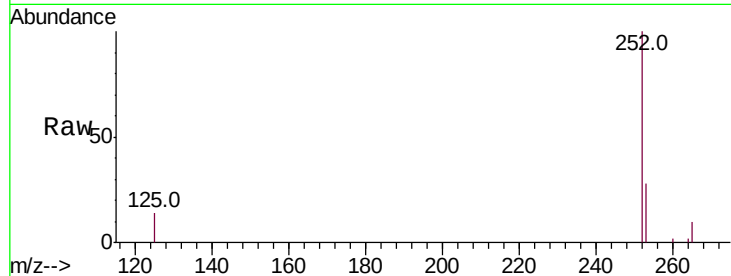




#38  
Benzo(k)fluoranthene  
Concen: 0.751 ng  
RT: 22.65 min Scan# 2275  
Delta R.T. 0.11 min  
Lab File: BN011596.D  
Acq: 22 Aug 2020 20:33

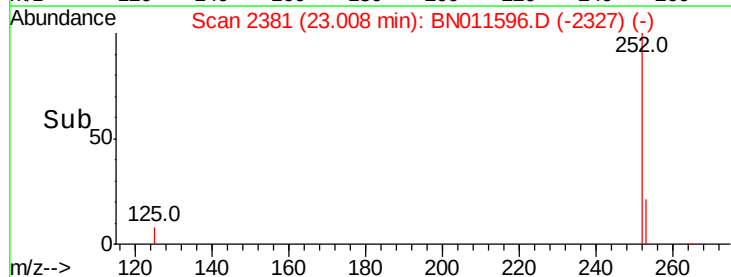
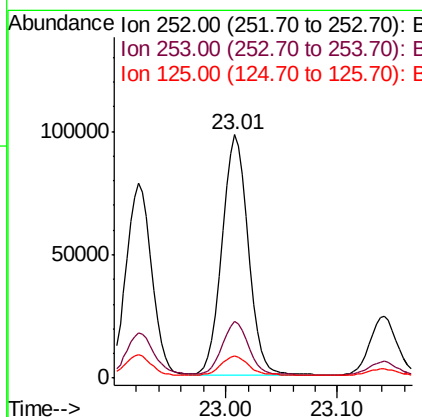
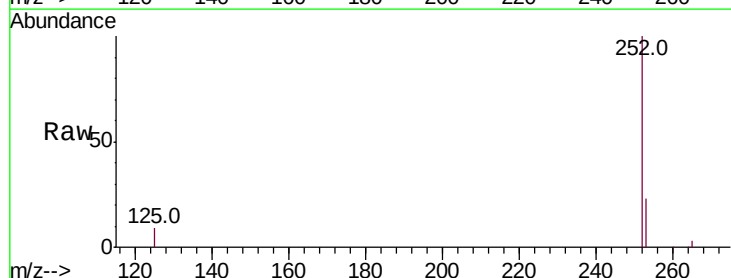
Instrument :  
BNA\_N  
ClientSampleId :  
COMP-1-(0-1)

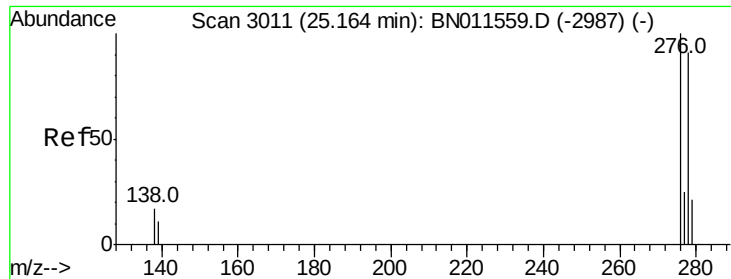
Tot Ion:252 Resp: 37074  
Ion Ratio Lower Upper  
252 100  
253 27.9 25.8 38.6  
125 13.6 10.8 16.2



#39  
Benzo(a)pyrene  
Concen: 4.139 ng  
RT: 23.01 min Scan# 2381  
Delta R.T. -0.01 min  
Lab File: BN011596.D  
Acq: 22 Aug 2020 20:33

Tgt Ion:252 Resp: 158607  
Ion Ratio Lower Upper  
252 100  
253 23.2 31.8 47.8#  
125 9.1 15.4 23.0#





#40

Dibenzo(a,h)anthracene

Concen: 0.832 ng

RT: 25.13 min Scan# 3000

Delta R.T. -0.04 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

Instrument :

BNA\_N

ClientSampleId :

COMP-1-(0-1)

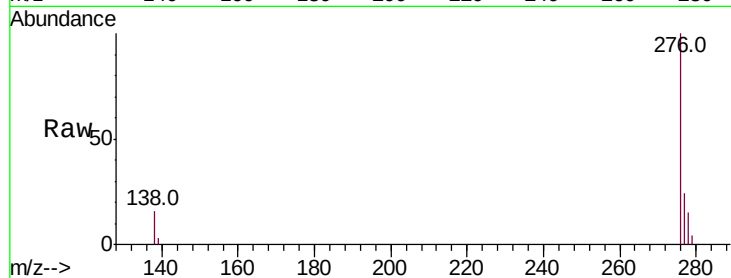
Tot Ion:278 Resp: 26660

Ion Ratio Lower Upper

278 100

139 16.9 14.0 21.0

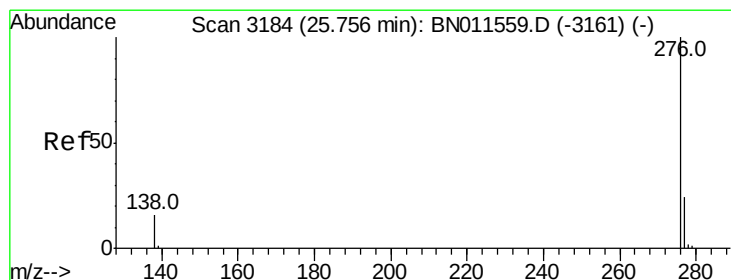
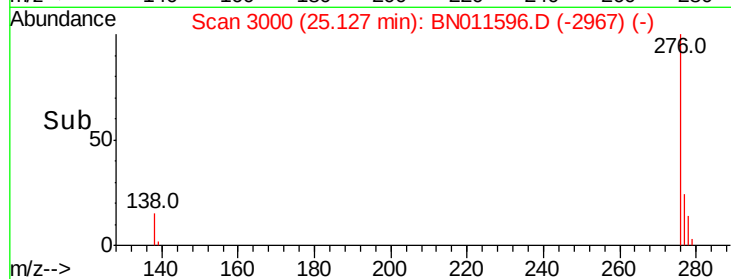
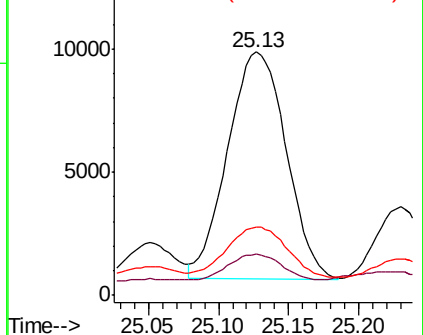
279 27.8 32.4 48.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#41

Benzo(g,h,i)perylene

Concen: 4.849 ng

RT: 25.74 min Scan# 3178

Delta R.T. -0.02 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

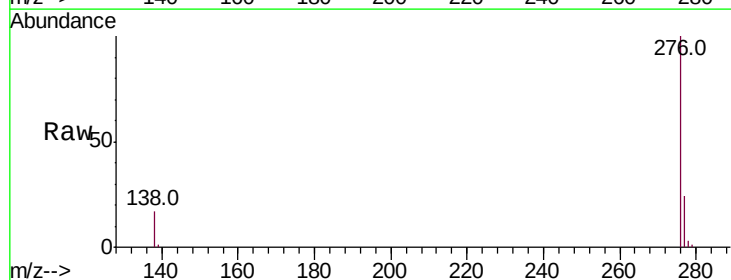
Tgt Ion:276 Resp: 185323

Ion Ratio Lower Upper

276 100

277 23.9 22.1 33.1

138 16.6 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

