

Data File : BN007921.D  
Acq On : 01 Oct 2019 06:58  
Operator : JU  
Sample : K5078-12  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PST-024-B282-092619

Quant Time: Oct 01 07:51:00 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN091819.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 18 18:24:40 2019  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 6946     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.46 | 136  | 26588    | 0.40 | ng    | -0.01    |
| 13) Acenaphthene-d10      | 14.31 | 164  | 16258    | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10      | 17.06 | 188  | 34094    | 0.40 | ng    | -0.01    |
| 27) Chrysene-d12          | 21.26 | 240  | 35976    | 0.40 | ng    | -0.01    |
| 34) Perylene-d12          | 23.47 | 264  | 41438    | 0.40 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.31  | 112  | 5522     | 0.23 | ng    | 0.00     |
| 5) Phenol-d6                | 6.87  | 99   | 7208     | 0.24 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.83  | 82   | 6382     | 0.27 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.05 | 152  | 12146    | 0.27 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.81 | 330  | 2328     | 0.26 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl        | 12.93 | 172  | 16456    | 0.25 | ng    | -0.01    |
| 25) Fluoranthene-d10        | 19.10 | 212  | 30940    | 0.27 | ng    | -0.01    |
| 29) Terphenyl-d14           | 19.70 | 244  | 25627    | 0.29 | ng    | -0.02    |

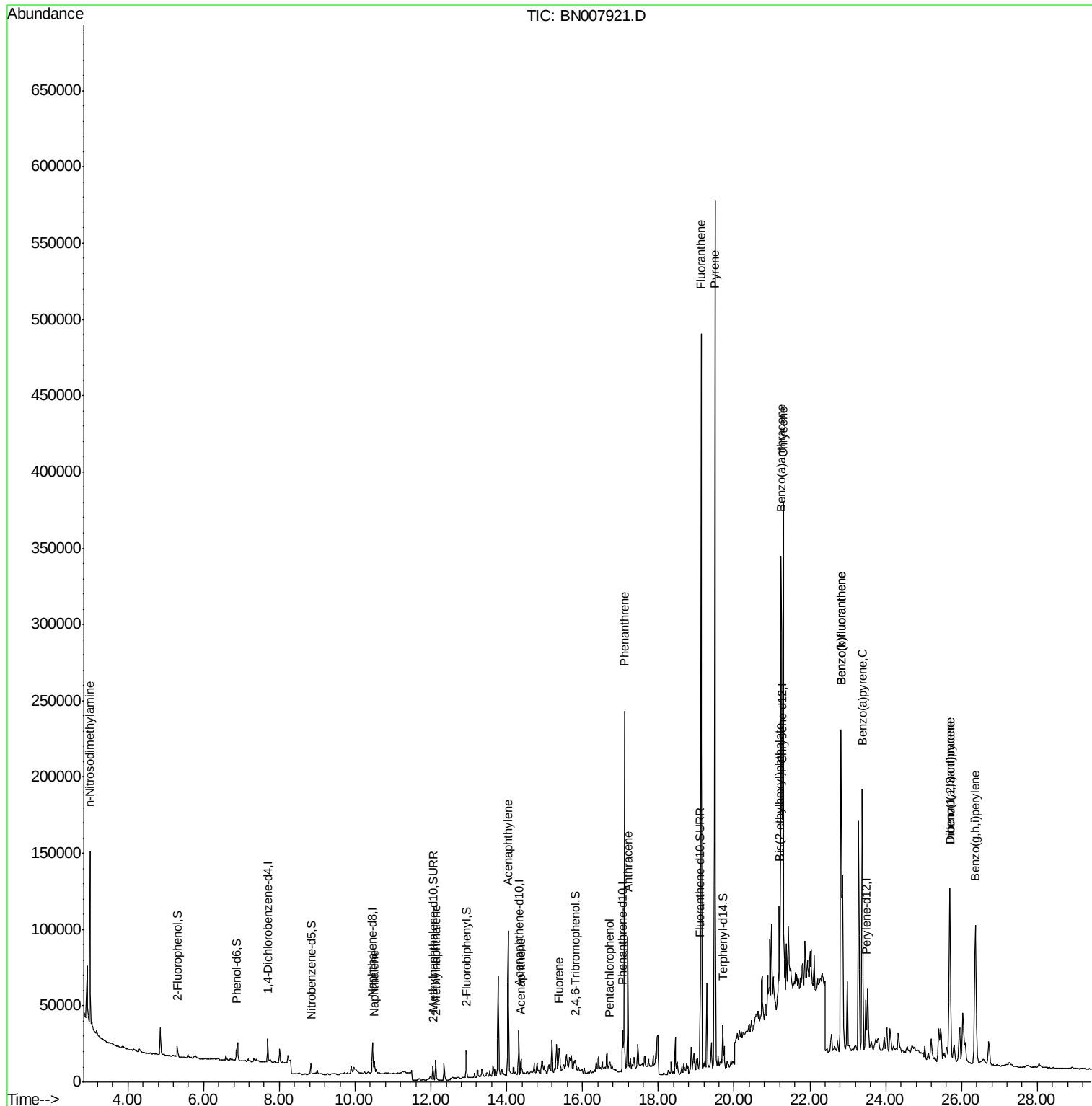
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 3) n-Nitrosodimethylamine      | 3.00  | 42   | 8787     | 2.478 | ng    | # 74   |
| 9) Naphthalene                 | 10.51 | 128  | 9902     | 0.133 | ng    | # 94   |
| 12) 2-Methylnaphthalene        | 12.13 | 142  | 9255     | 0.184 | ng    | 96     |
| 16) Acenaphthylene             | 14.03 | 152  | 116253   | 1.348 | ng    | 99     |
| 17) Acenaphthene               | 14.38 | 154  | 6044     | 0.109 | ng    | # 92   |
| 18) Fluorene                   | 15.37 | 166  | 17214    | 0.242 | ng    | # 12   |
| 22) Pentachlorophenol          | 16.72 | 266  | 243      | 0.029 | ng    | # 86   |
| 23) Phenanthrene               | 17.10 | 178  | 228805   | 2.154 | ng    | 100    |
| 24) Anthracene                 | 17.19 | 178  | 101976   | 1.063 | ng    | 99     |
| 26) Fluoranthene               | 19.13 | 202  | 436665   | 3.306 | ng    | 99     |
| 28) Pyrene                     | 19.49 | 202  | 501579   | 4.088 | ng    | 96     |
| 30) Benzo(a)anthracene         | 21.24 | 228  | 232618   | 1.756 | ng    | 93     |
| 31) Chrysene                   | 21.29 | 228  | 302107   | 2.340 | ng    | 96     |
| 32) Bis(2-ethylhexyl)phthalate | 21.19 | 149  | 51565    | 0.757 | ng    | # 99   |
| 33) Indeno(1,2,3-cd)pyrene     | 25.69 | 276  | 176315   | 1.091 | ng    | 97     |
| 35) Benzo(b)fluoranthene       | 22.82 | 252  | 355521   | 2.471 | ng    | # 96   |
| 36) Benzo(k)fluoranthene       | 22.82 | 252  | 355521   | 2.499 | ng    | # 97   |
| 37) Benzo(a)pyrene             | 23.38 | 252  | 234579   | 1.735 | ng    | 96     |
| 38) Dibenzo(a,h)anthracene     | 25.70 | 278  | 51262    | 0.371 | ng    | # 75   |
| 39) Benzo(g,h,i)perylene       | 26.37 | 276  | 190319   | 1.390 | ng    | 97     |

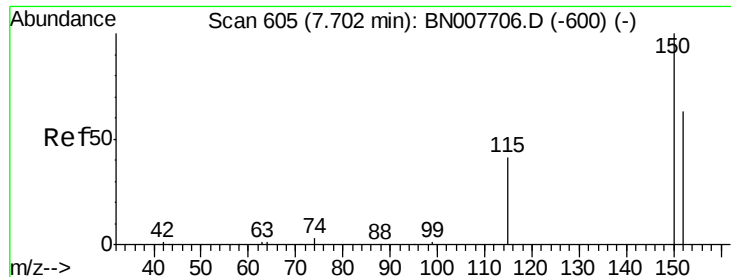
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 604

Delta R.T. -0.01 min

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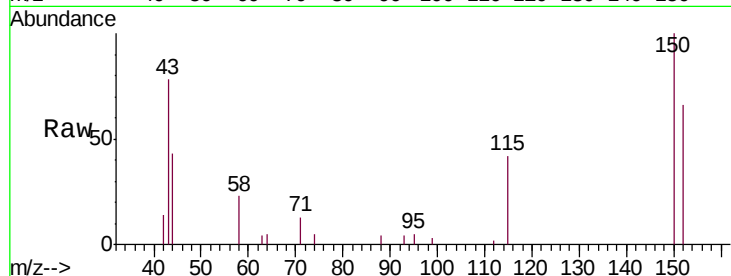
Tgt Ion:152 Resp: 6946

Ion Ratio Lower Upper

152 100

150 151.0 125.6 188.4

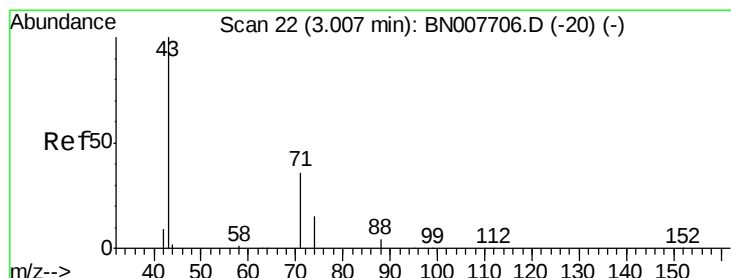
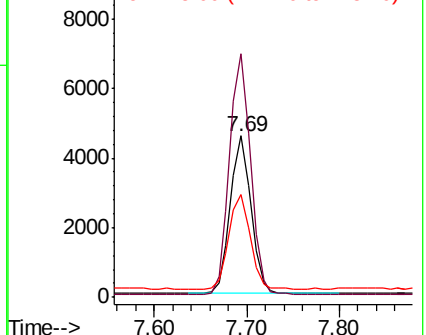
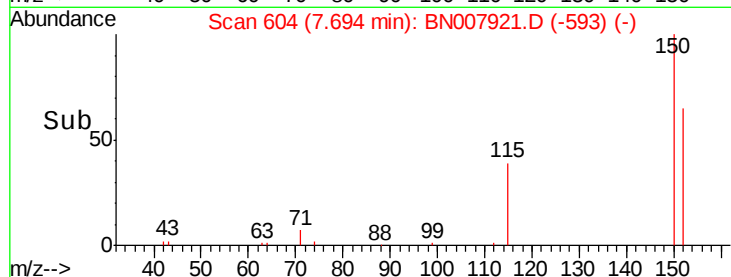
115 63.8 53.3 79.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

n-Nitrosodimethylamine

Concen: 2.478 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

Lab File: BN007921.D

Acq: 01 Oct 2019 06:58

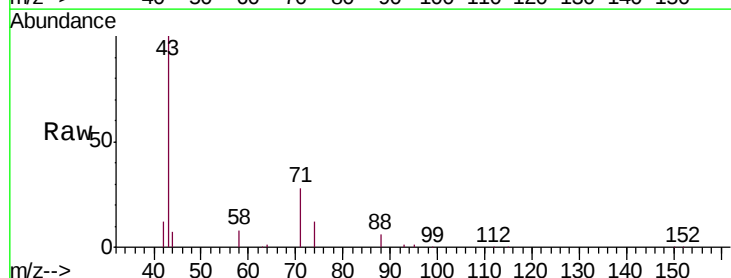
Tgt Ion: 42 Resp: 8787

Ion Ratio Lower Upper

42 100

74 143.8 87.9 131.9#

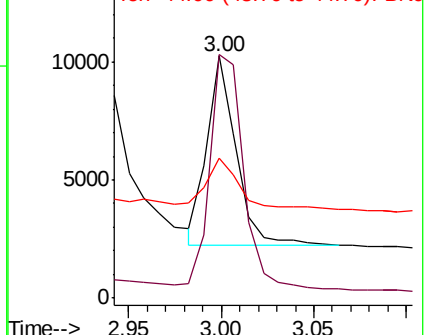
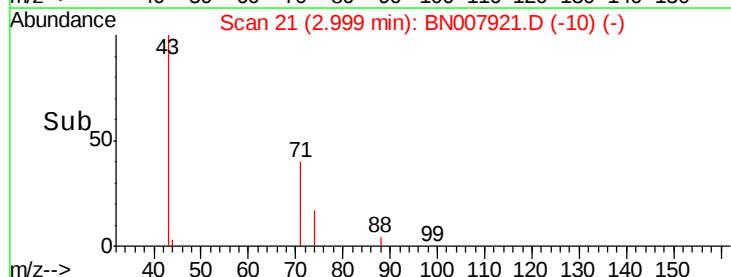
44 33.0 29.4 44.0

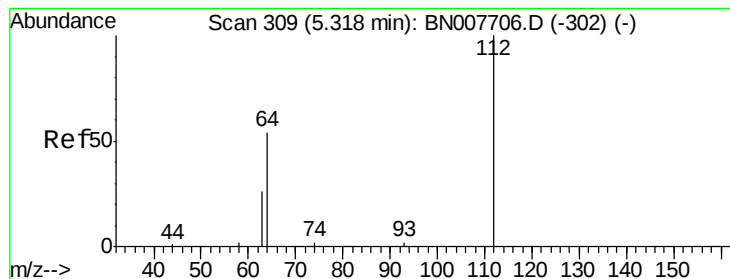


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.231 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

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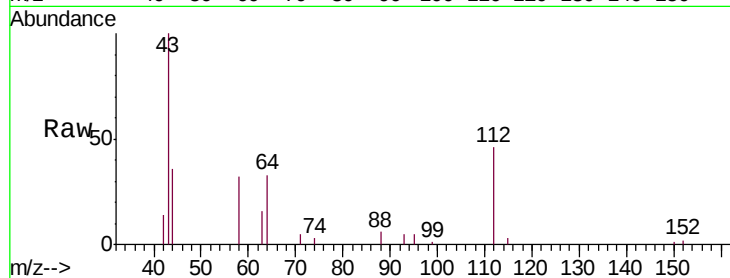
Tgt Ion: 112 Resp: 5522

Ion Ratio Lower Upper

112 100

64 57.9 46.6 70.0

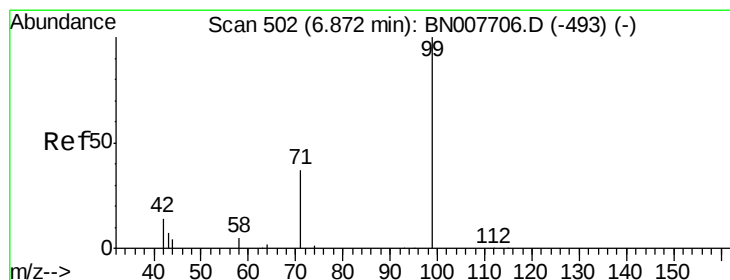
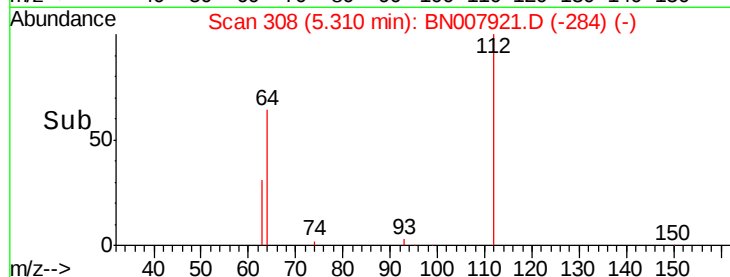
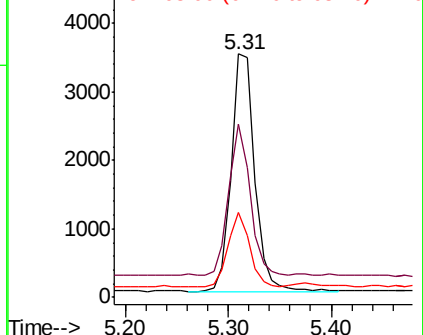
63 28.3 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.239 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007921.D

Acq: 01 Oct 2019 06:58

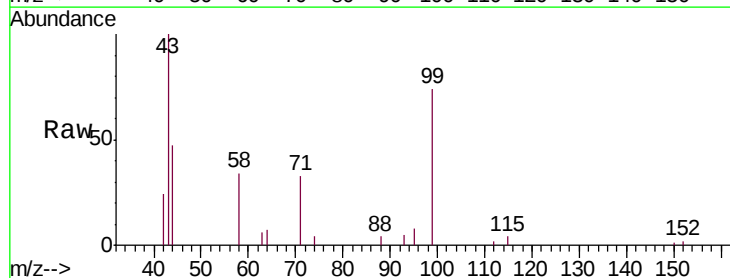
Tgt Ion: 99 Resp: 7208

Ion Ratio Lower Upper

99 100

42 24.4 12.8 19.2#

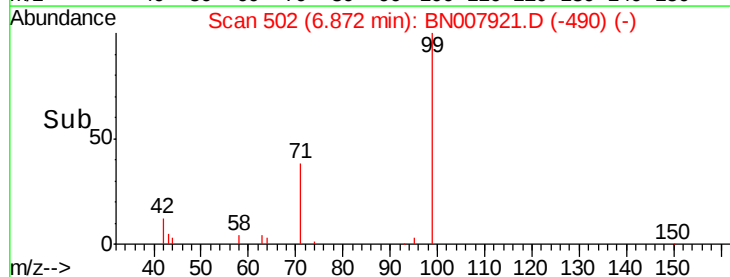
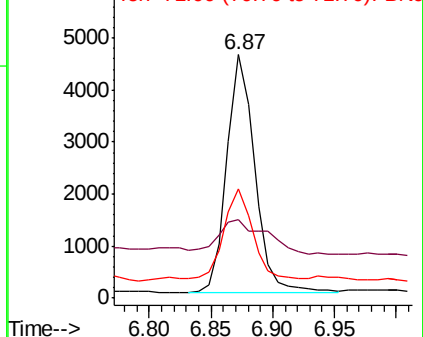
71 40.0 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007921.D

Acq: 01 Oct 2019 06:58

Instrument :

BNA\_N

ClientSampleId :

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Tgt Ion:136 Resp: 26588

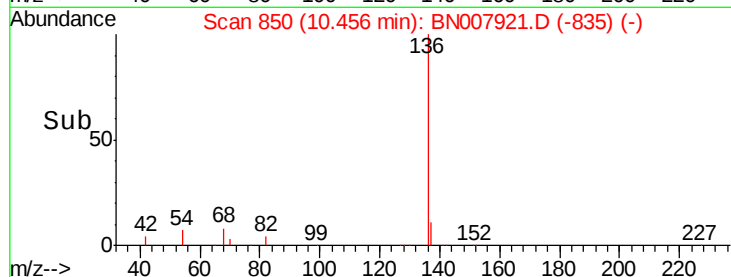
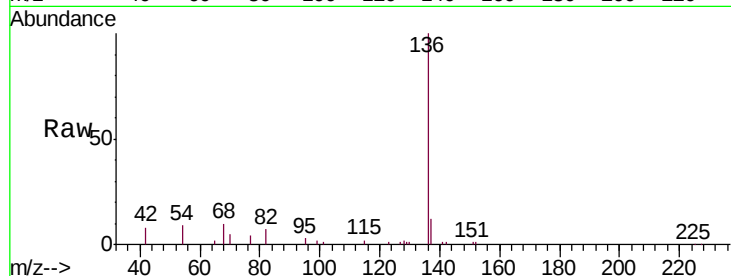
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 8.8 5.8 8.8#

68 9.8 6.5 9.7#

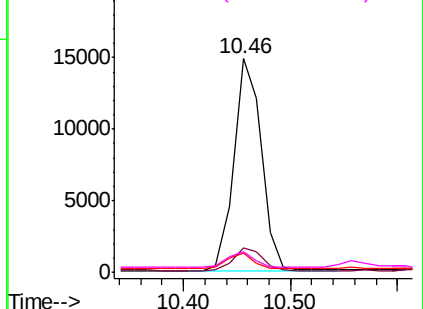


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.274 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007921.D

Acq: 01 Oct 2019 06:58

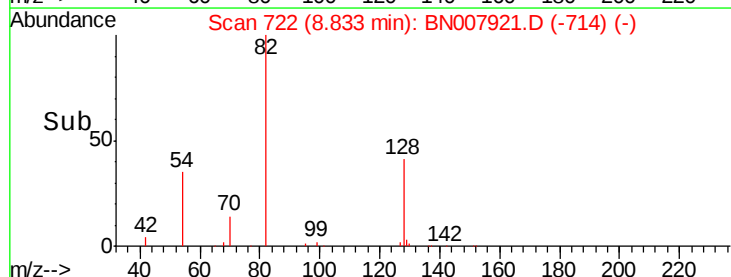
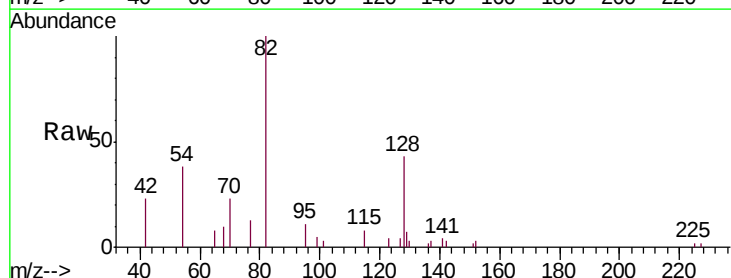
Tgt Ion: 82 Resp: 6382

Ion Ratio Lower Upper

82 100

128 42.8 24.5 36.7#

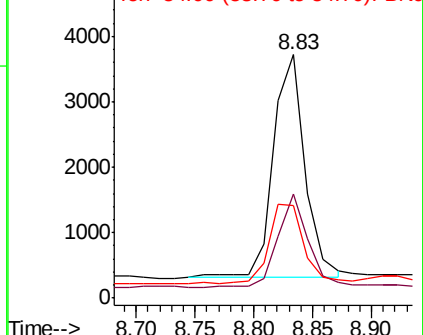
54 37.9 35.2 52.8

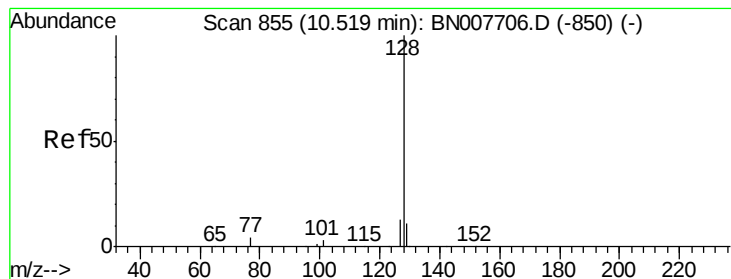


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.133 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007921.D

Acq: 01 Oct 2019 06:58

Instrument :

BNA\_N

ClientSampleId :

PST-024-B282-092619

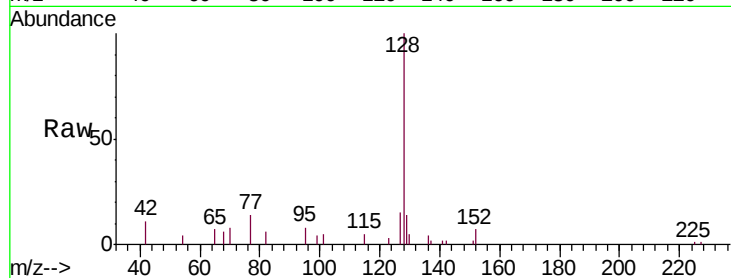
Tgt Ion:128 Resp: 9902

Ion Ratio Lower Upper

128 100

129 14.4 9.1 13.7#

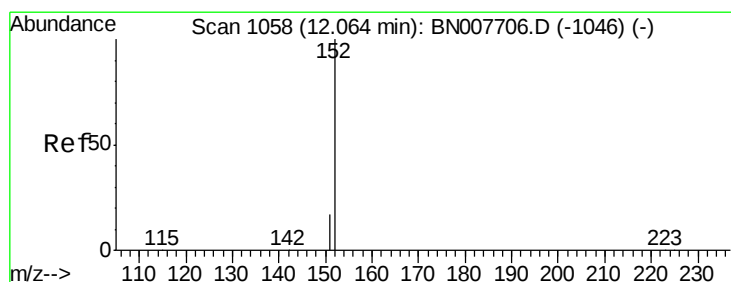
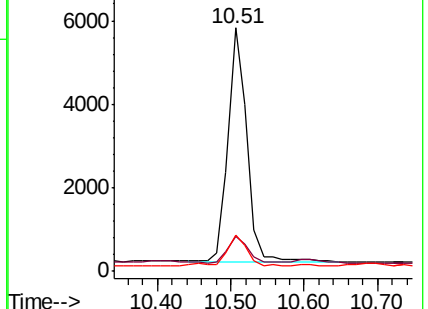
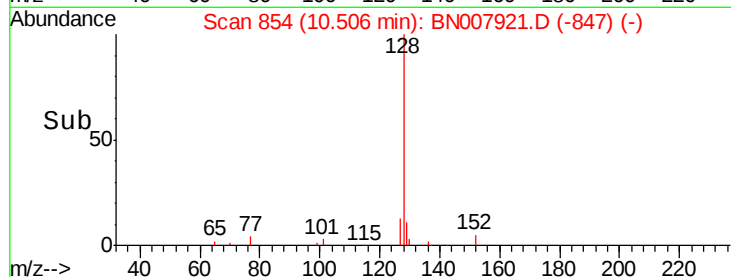
127 15.0 10.6 15.8



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



#11

2-Methylnaphthalene-d10

Concen: 0.271 ng

RT: 12.05 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BN007921.D

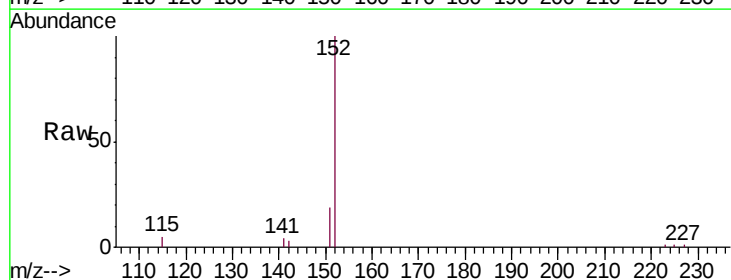
Acq: 01 Oct 2019 06:58

Tgt Ion:152 Resp: 12146

Ion Ratio Lower Upper

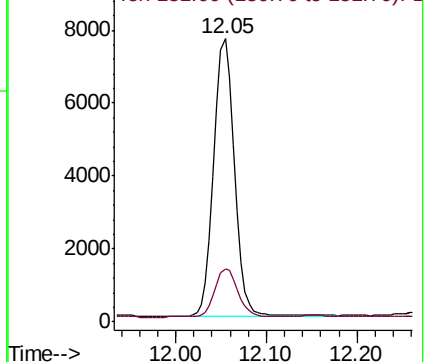
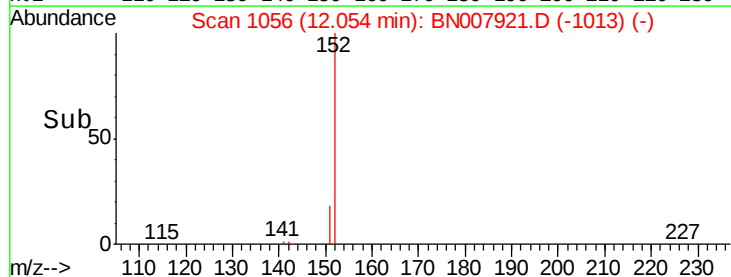
152 100

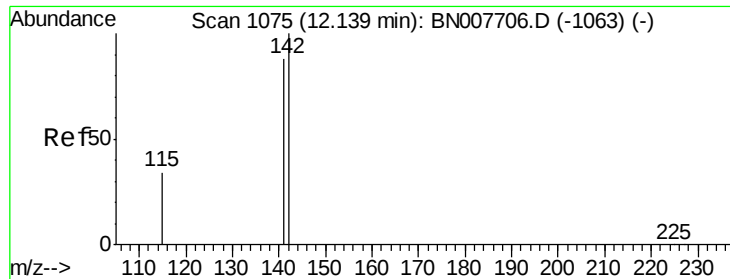
151 19.1 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

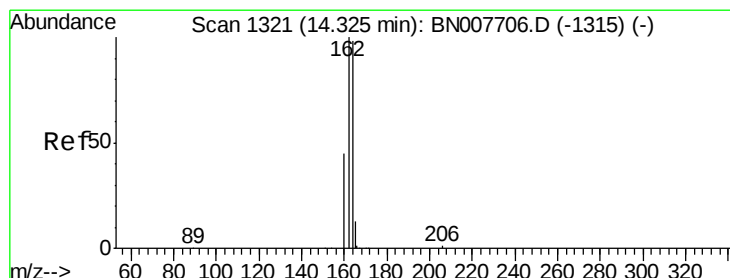
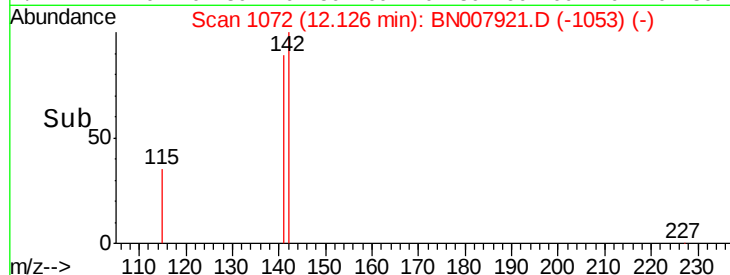
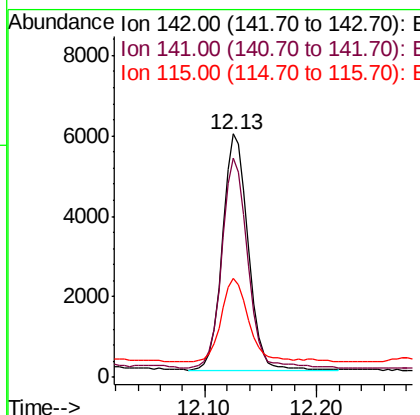
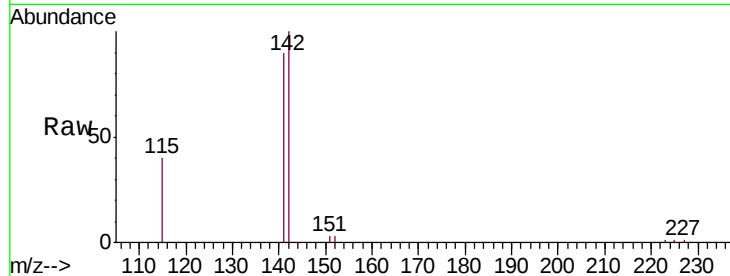




#12  
2-Methylnaphthalene  
Concen: 0.184 ng  
RT: 12.13 min Scan# 1072  
Delta R.T. -0.01 min  
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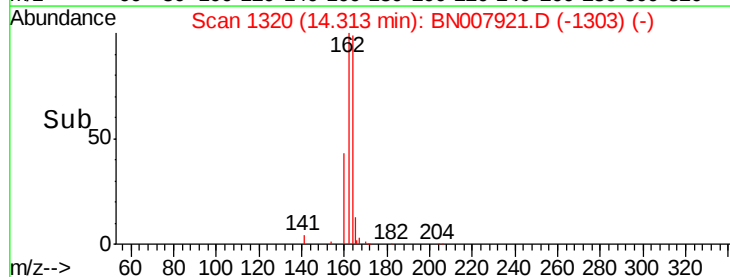
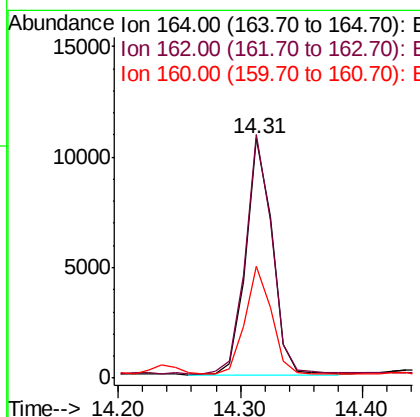
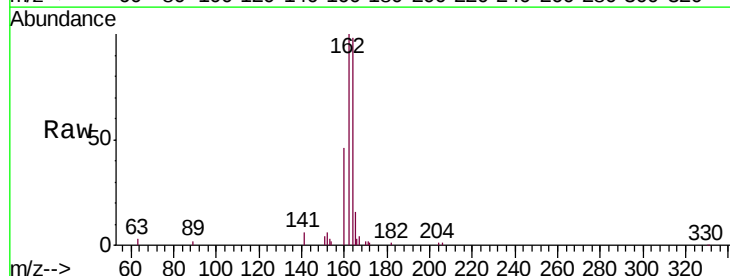
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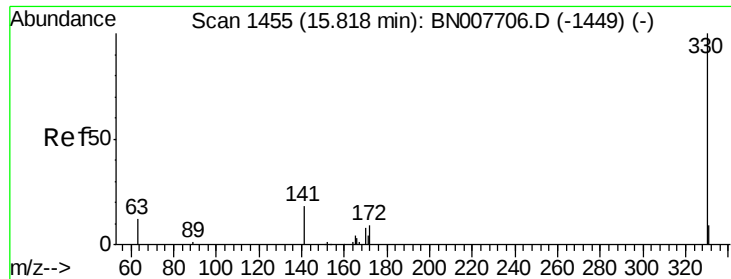
Tgt Ion:142 Resp: 9255  
Ion Ratio Lower Upper  
142 100  
141 90.3 70.6 106.0  
115 40.5 28.3 42.5



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.31 min Scan# 1320  
Delta R.T. -0.01 min  
Lab File: BN007921.D  
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Tgt Ion:164 Resp: 16258  
Ion Ratio Lower Upper  
164 100  
162 101.7 81.7 122.5  
160 46.8 37.0 55.4





#14

2,4,6-Tribromophenol

Concen: 0.263 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

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BNA\_N

ClientSampleId :

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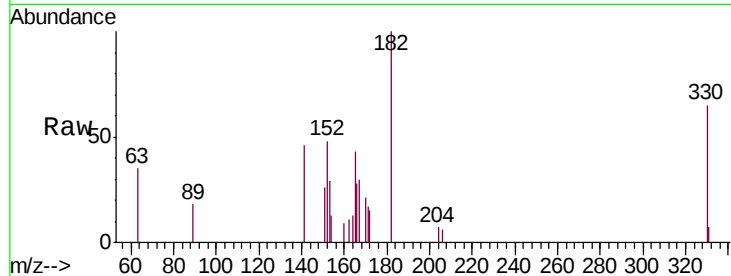
Tgt Ion:330 Resp: 2328

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

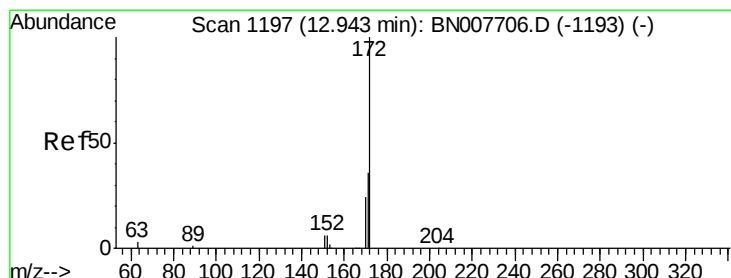
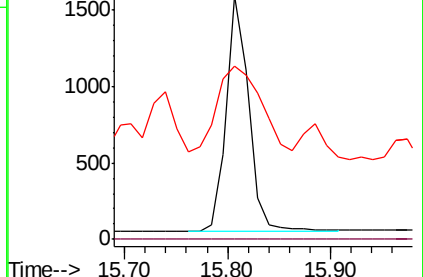
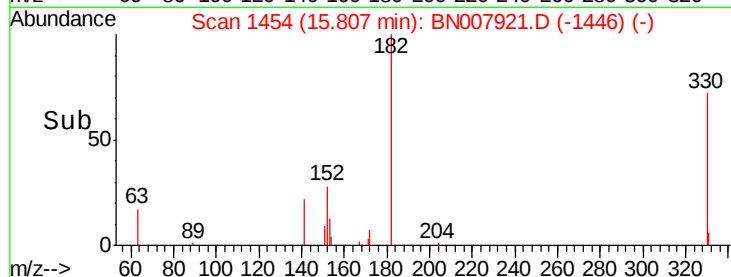
141 72.6 28.7 43.1#



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#15

2-Fluorobiphenyl

Concen: 0.246 ng

RT: 12.93 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BN007921.D

Acq: 01 Oct 2019 06:58

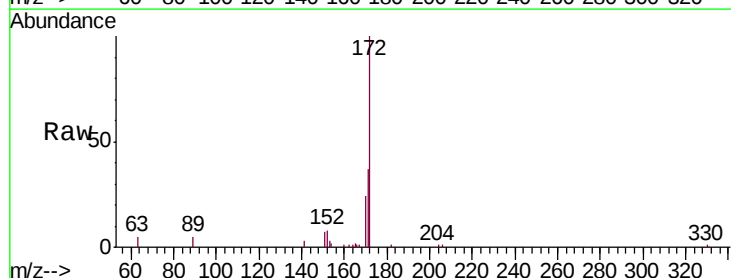
Tgt Ion:172 Resp: 16456

Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

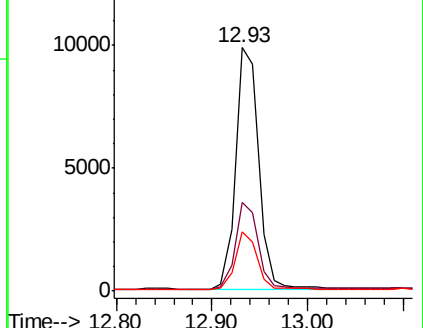
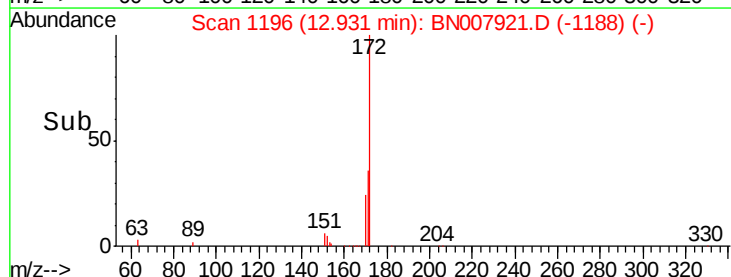
170 24.3 19.5 29.3

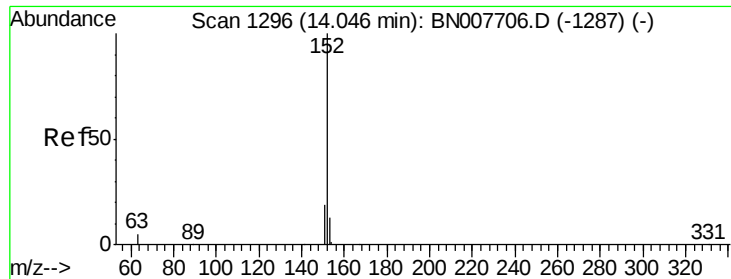


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 1.348 ng

RT: 14.03 min Scan# 1295

Delta R.T. -0.01 min

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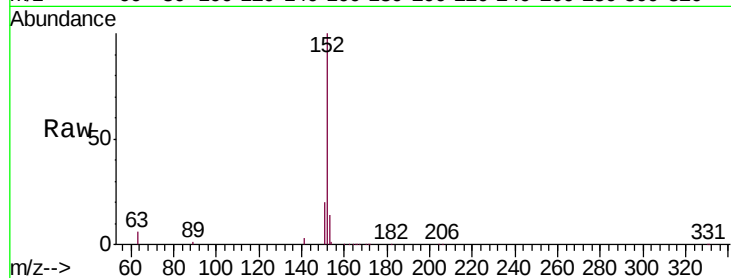
Tgt Ion:152 Resp: 116253

Ion Ratio Lower Upper

152 100

151 19.8 15.5 23.3

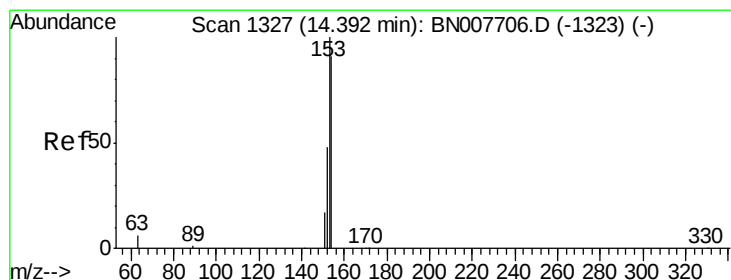
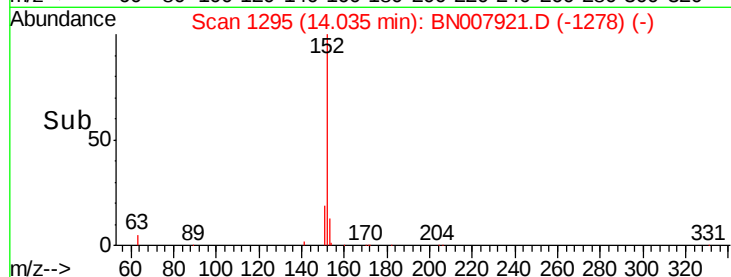
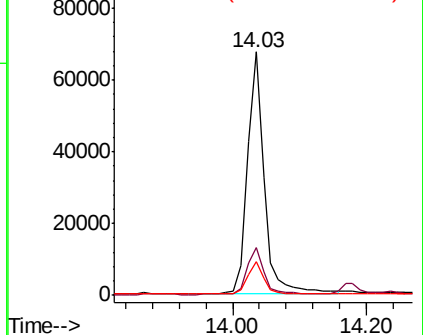
153 13.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.109 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007921.D

Acq: 01 Oct 2019 06:58

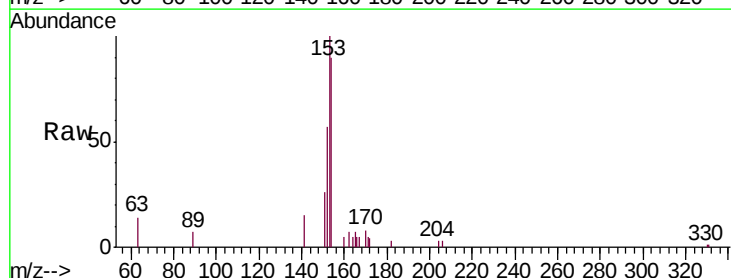
Tgt Ion:154 Resp: 6044

Ion Ratio Lower Upper

154 100

153 111.2 87.0 130.4

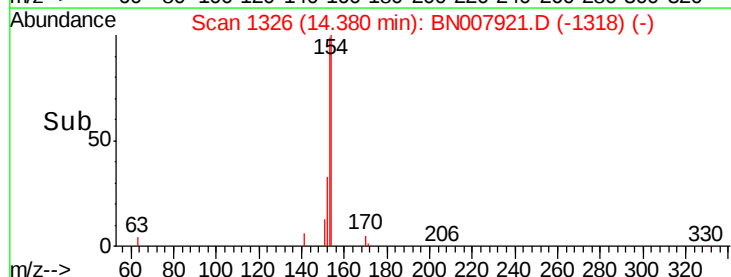
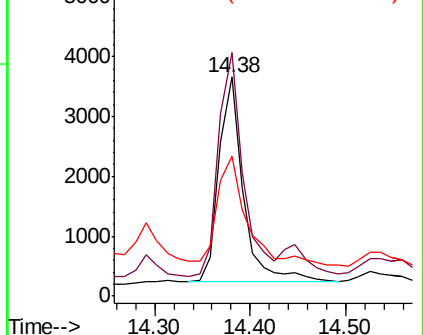
152 67.0 42.7 64.1#

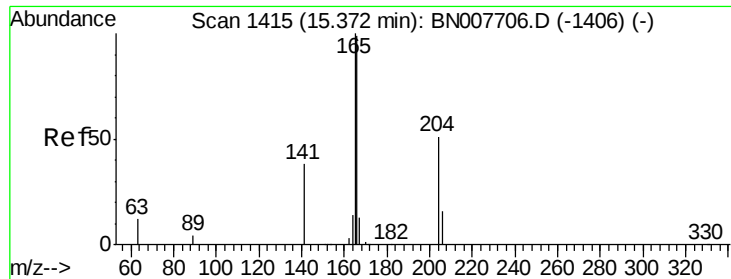


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.242 ng

RT: 15.37 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BN007921.D

Acq: 01 Oct 2019 06:58

Instrument :

BNA\_N

ClientSampleId :

PST-024-B282-092619

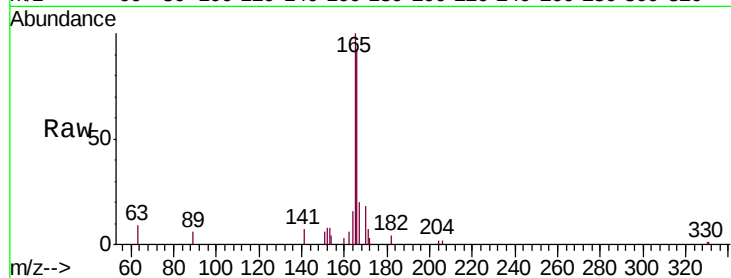
Tgt Ion:166 Resp: 17214

Ion Ratio Lower Upper

166 100

165 0.0 78.0 117.0#

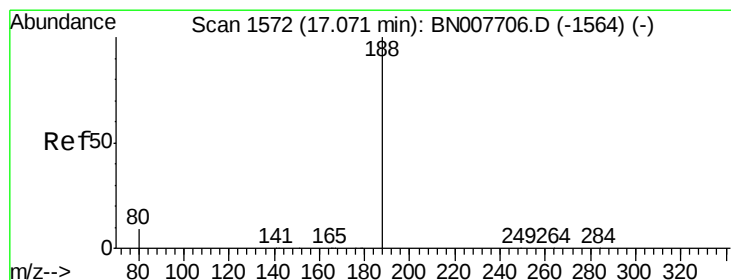
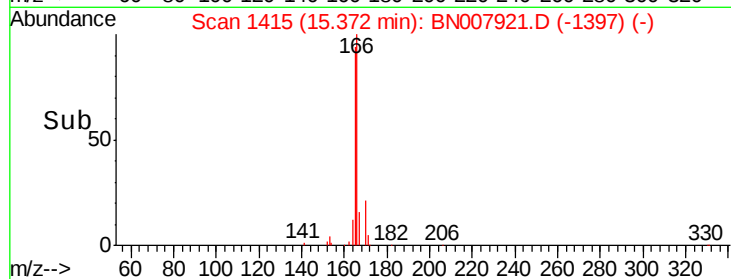
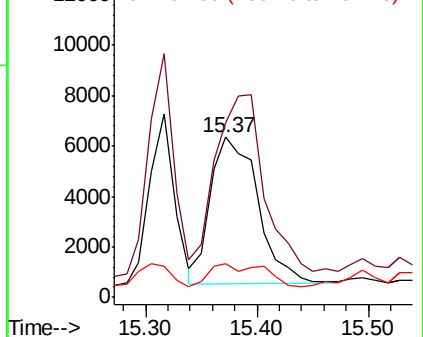
167 18.0 10.9 16.3#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007921.D

Acq: 01 Oct 2019 06:58

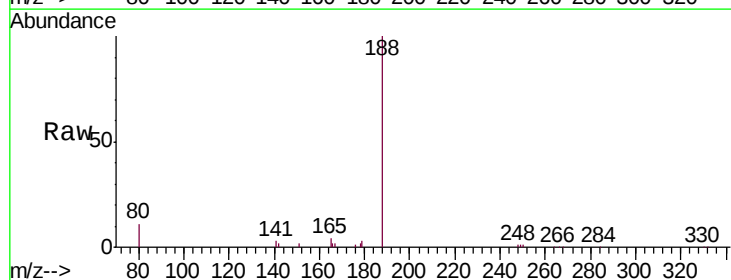
Tgt Ion:188 Resp: 34094

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

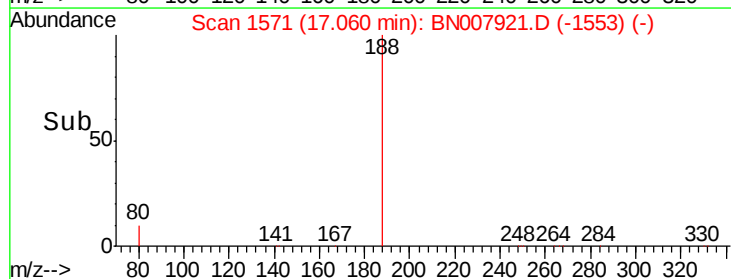
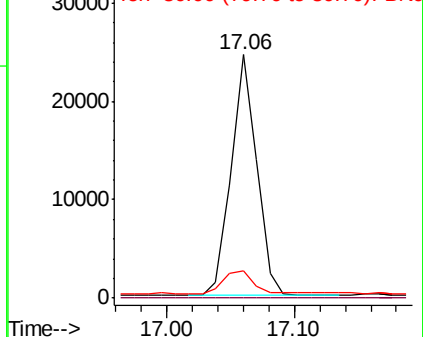
80 11.4 7.4 11.2#

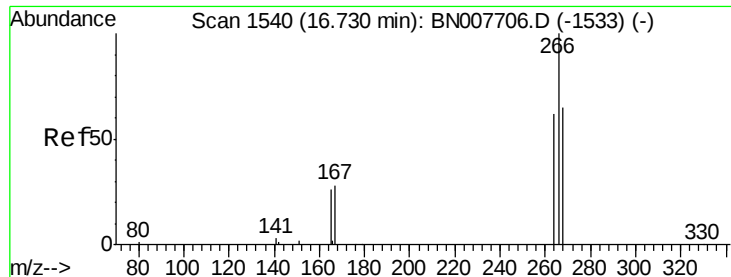


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

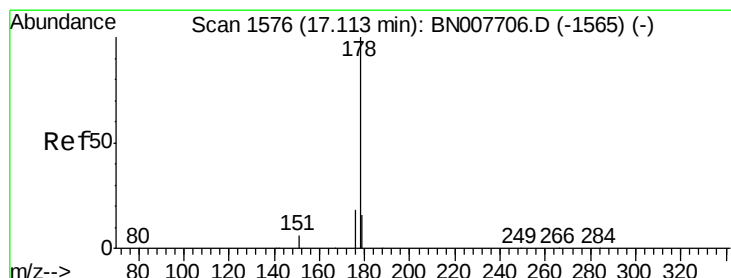
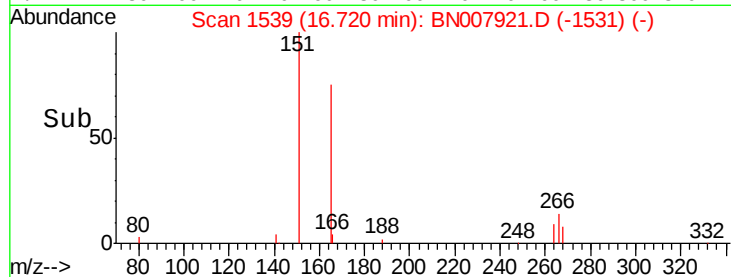
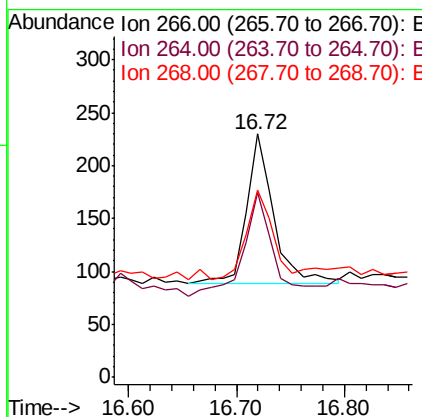
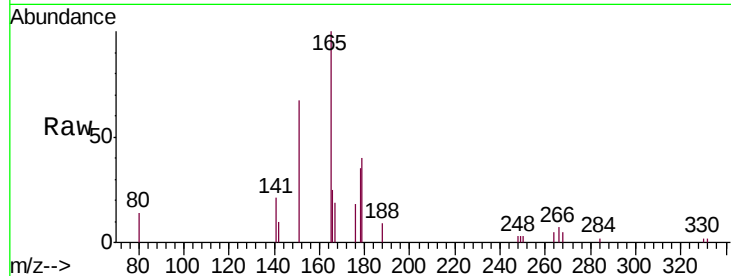




#22  
 Pentachlorophenol  
 Concen: 0.029 ng  
 RT: 16.72 min Scan# 1539  
 Delta R.T. -0.01 min  
 Lab File: BN007921.D  
 Acq: 01 Oct 2019 06:58

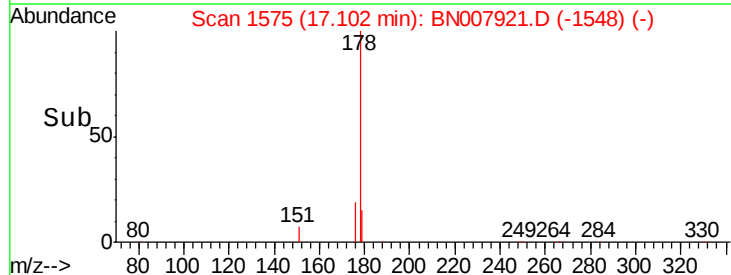
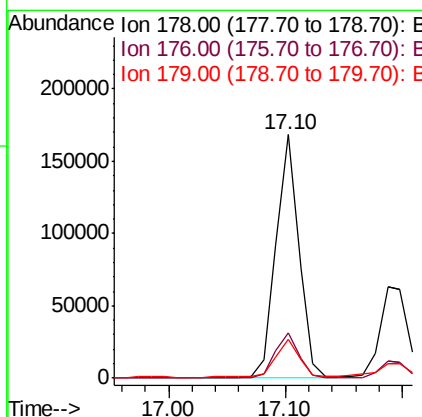
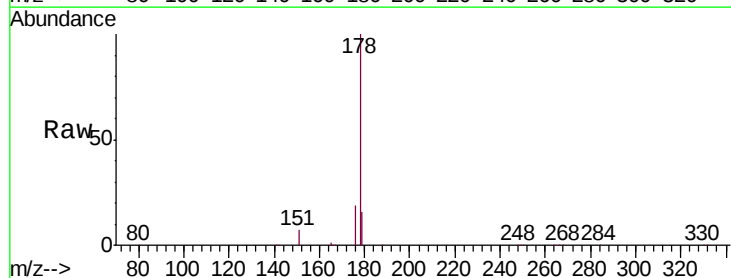
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PST-024-B282-092619

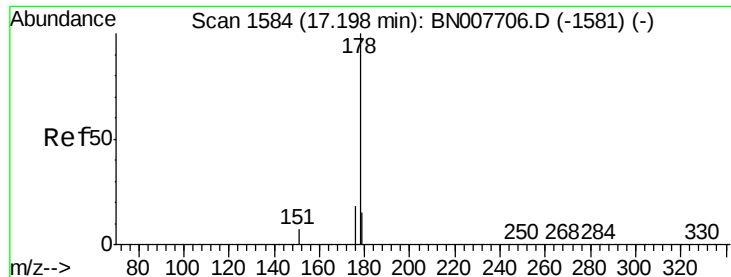
Tgt Ion: 266 Resp: 243  
 Ion Ratio Lower Upper  
 266 100  
 264 76.1 50.0 75.0#  
 268 77.0 54.2 81.4



#23  
 Phenanthrene  
 Concen: 2.154 ng  
 RT: 17.10 min Scan# 1575  
 Delta R.T. -0.01 min  
 Lab File: BN007921.D  
 Acq: 01 Oct 2019 06:58

Tgt Ion: 178 Resp: 228805  
 Ion Ratio Lower Upper  
 178 100  
 176 18.7 14.9 22.3  
 179 15.8 12.5 18.7





#24

Anthracene

Concen: 1.063 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007921.D

Acq: 01 Oct 2019 06:58

Instrument :

BNA\_N

ClientSampleId :

PST-024-B282-092619

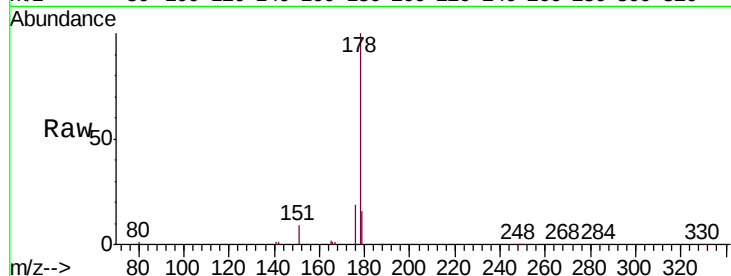
Tgt Ion:178 Resp: 101976

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

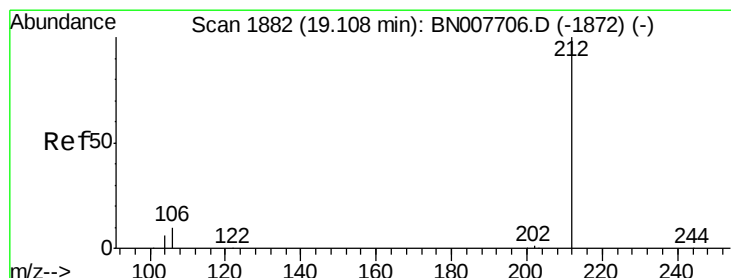
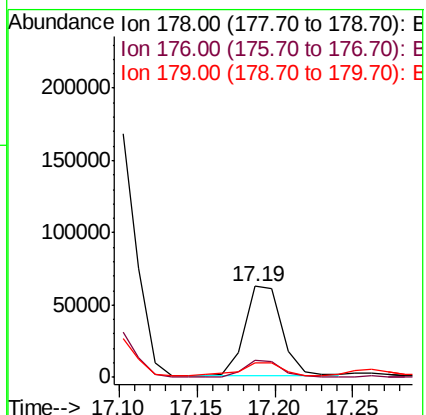
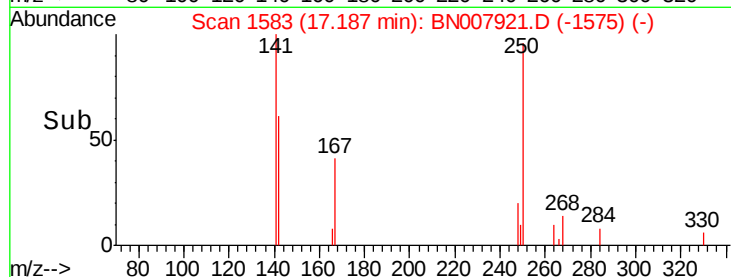
179 16.1 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.269 ng

RT: 19.10 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BN007921.D

Acq: 01 Oct 2019 06:58

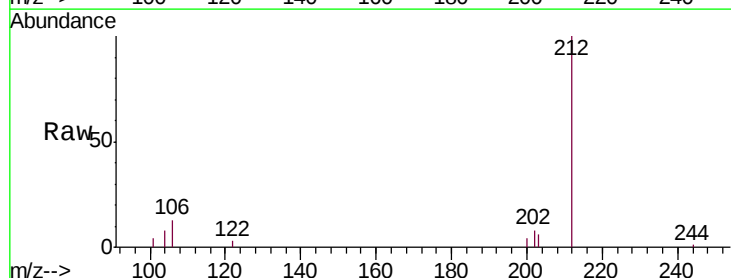
Tgt Ion:212 Resp: 30940

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.0

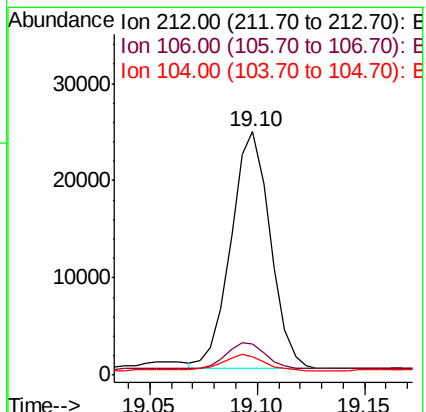
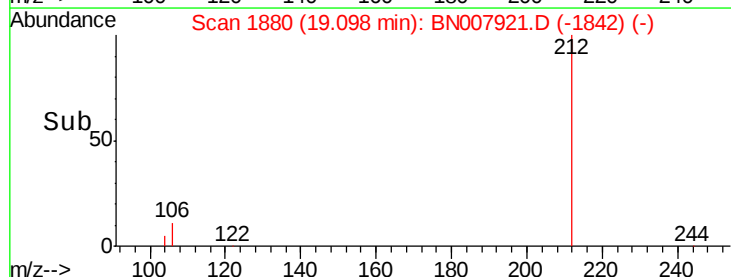
104 7.8 5.3 7.9

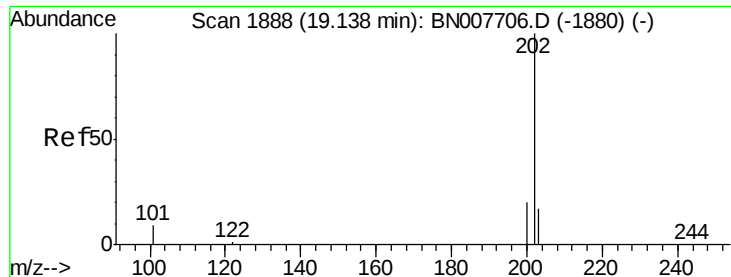


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

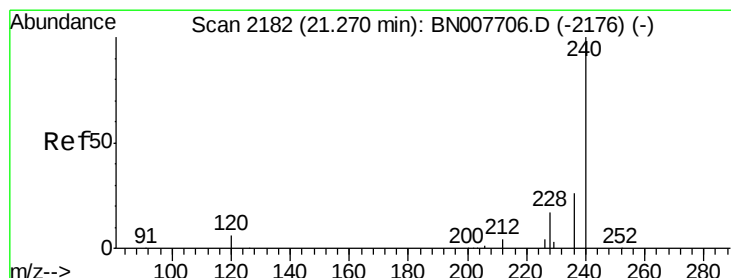
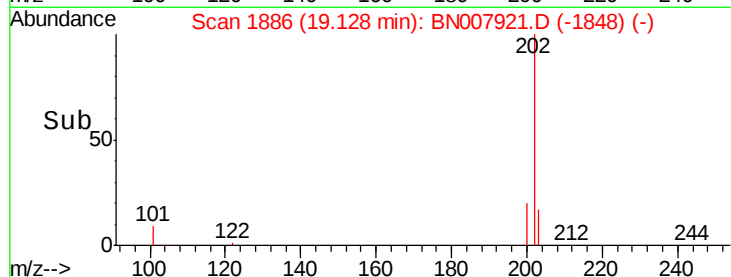
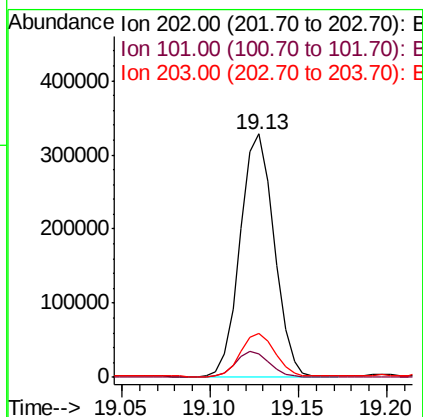
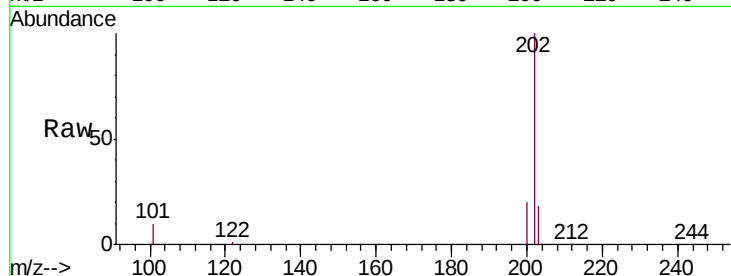




#26  
 Fluoranthene  
 Concen: 3.306 ng  
 RT: 19.13 min Scan# 1886  
 Delta R.T. -0.01 min  
 Lab File: BN007921.D  
 Acq: 01 Oct 2019 06:58

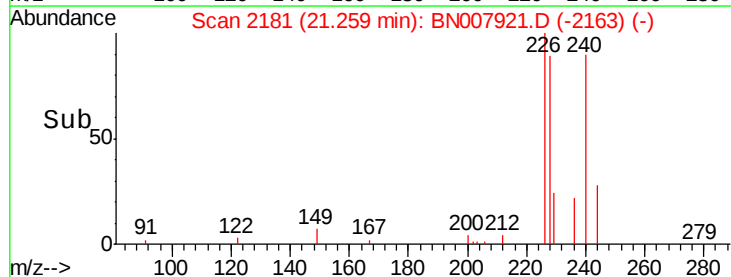
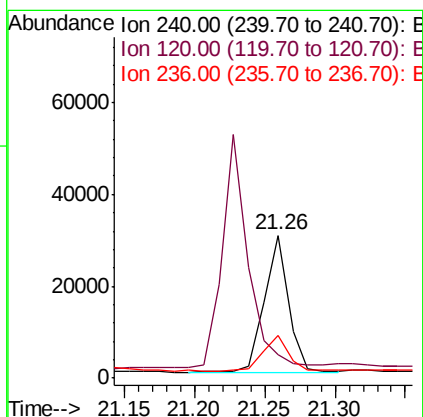
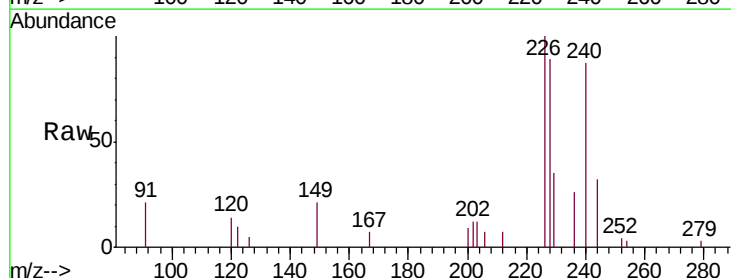
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PST-024-B282-092619

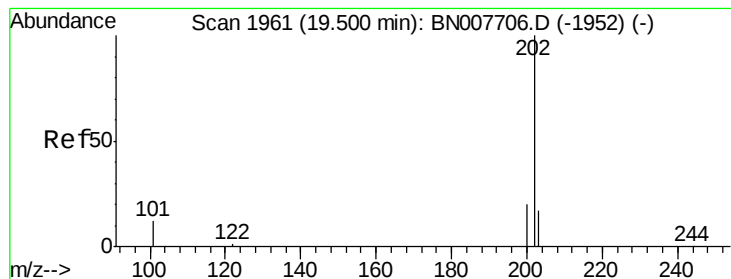
Tgt Ion:202 Resp: 436665  
 Ion Ratio Lower Upper  
 202 100  
 101 10.6 8.4 12.6  
 203 17.9 13.8 20.8



#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.26 min Scan# 2181  
 Delta R.T. -0.01 min  
 Lab File: BN007921.D  
 Acq: 01 Oct 2019 06:58

Tgt Ion:240 Resp: 35976  
 Ion Ratio Lower Upper  
 240 100  
 120 16.2 5.4 8.2#  
 236 29.8 21.0 31.4





#28

Pyrene

Concen: 4.088 ng

RT: 19.49 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BN007921.D

Acq: 01 Oct 2019 06:58

Instrument :

BNA\_N

ClientSampleId :

PST-024-B282-092619

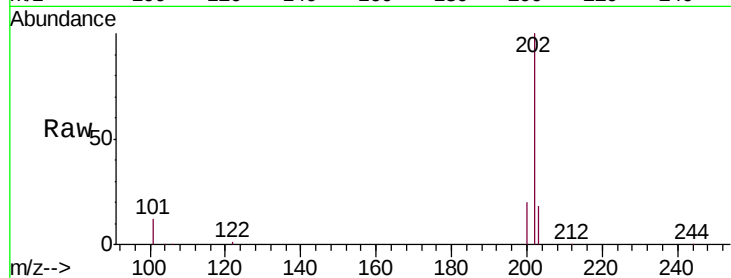
Tgt Ion:202 Resp: 501579

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

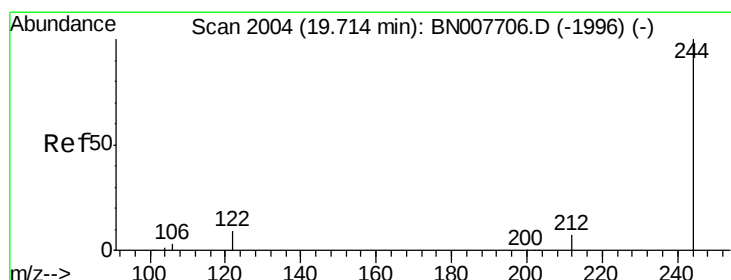
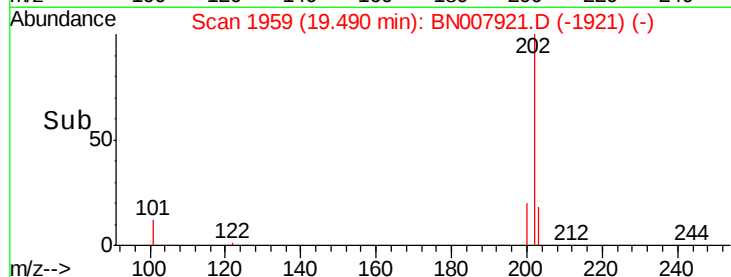
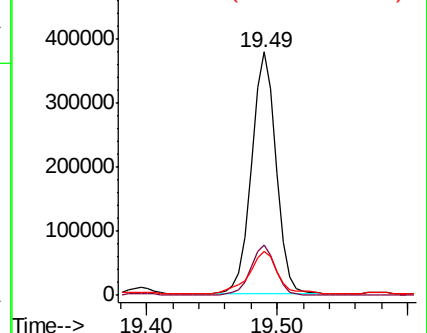
203 21.0 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.290 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BN007921.D

Acq: 01 Oct 2019 06:58

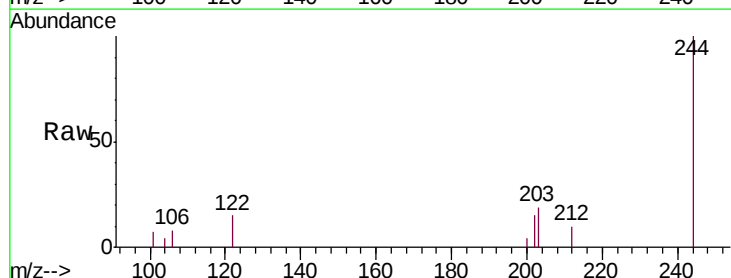
Tgt Ion:244 Resp: 25627

Ion Ratio Lower Upper

244 100

212 9.7 5.9 8.9#

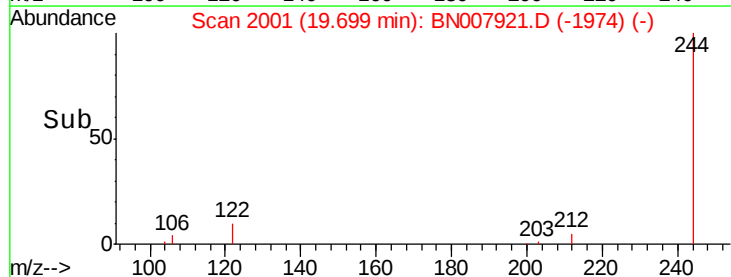
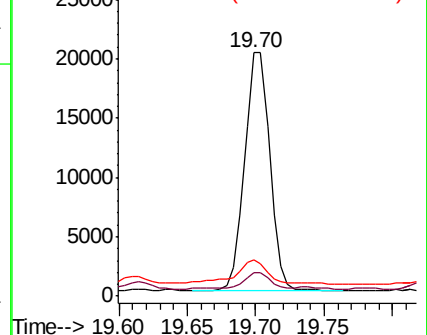
122 15.1 7.4 11.2#

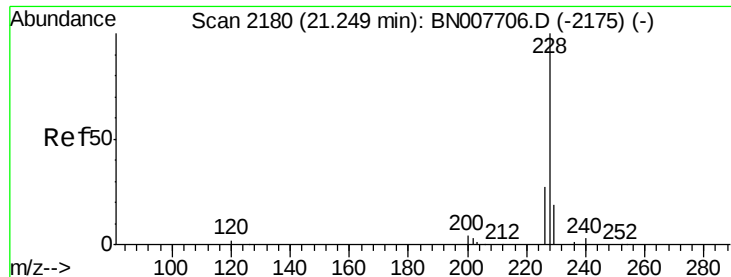


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 1.756 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007921.D

Acq: 01 Oct 2019 06:58

Instrument :

BNA\_N

ClientSampleId :

PST-024-B282-092619

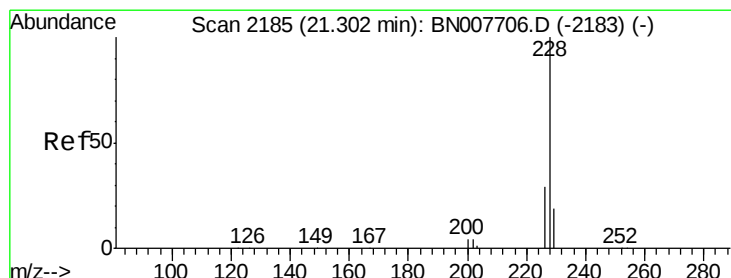
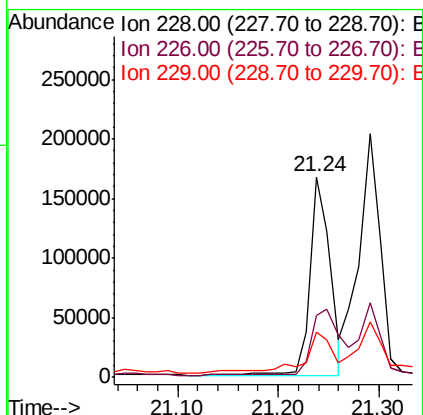
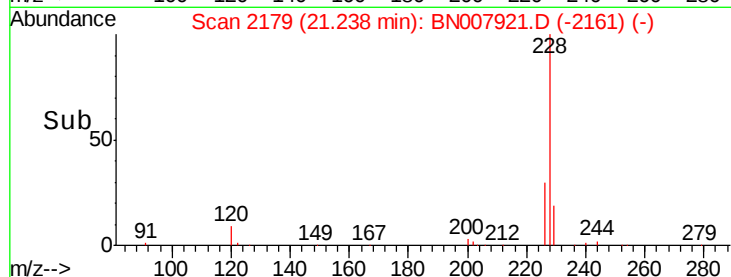
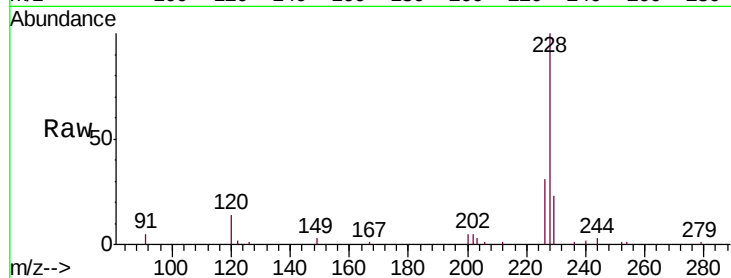
Tgt Ion:228 Resp: 232618

Ion Ratio Lower Upper

228 100

226 31.2 22.1 33.1

229 22.6 15.8 23.6



#31

Chrysene

Concen: 2.340 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007921.D

Acq: 01 Oct 2019 06:58

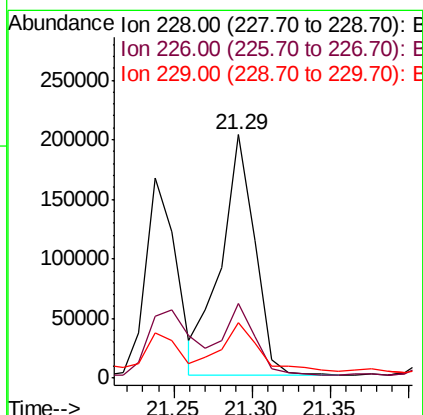
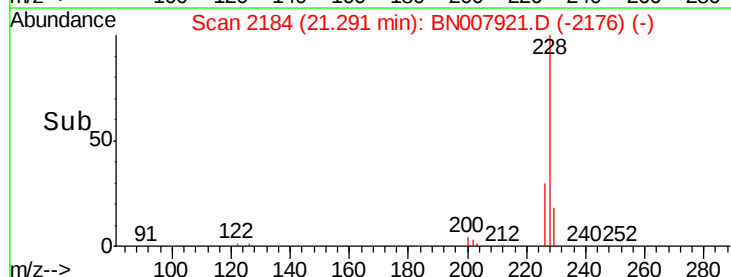
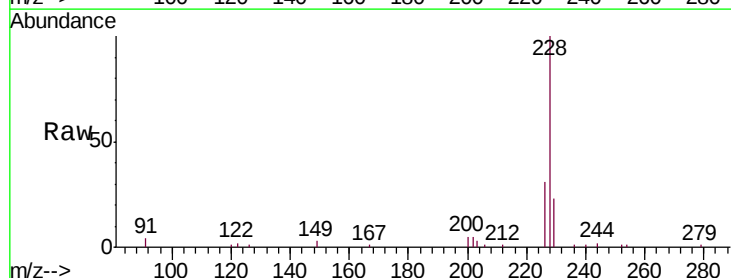
Tgt Ion:228 Resp: 302107

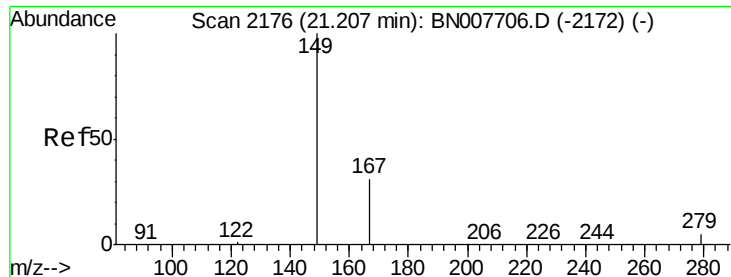
Ion Ratio Lower Upper

228 100

226 30.6 23.9 35.9

229 23.0 15.8 23.6





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.757 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007921.D

Acq: 01 Oct 2019 06:58

Instrument :

BNA\_N

ClientSampleId :

PST-024-B282-092619

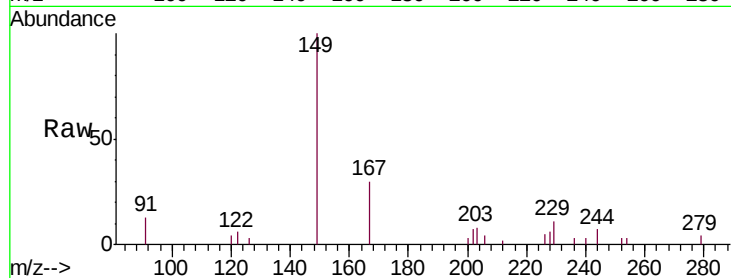
Tgt Ion:149 Resp: 51565

Ion Ratio Lower Upper

149 100

167 29.7 23.7 35.5

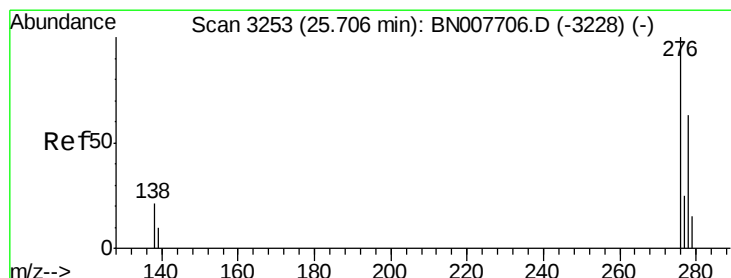
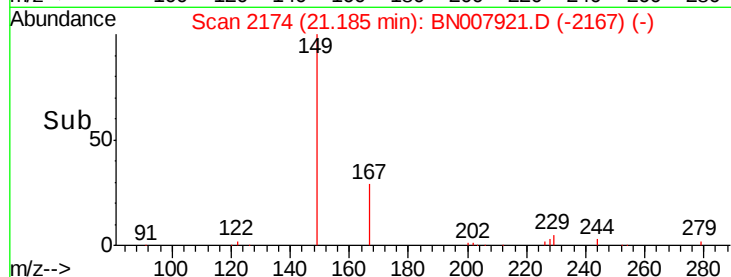
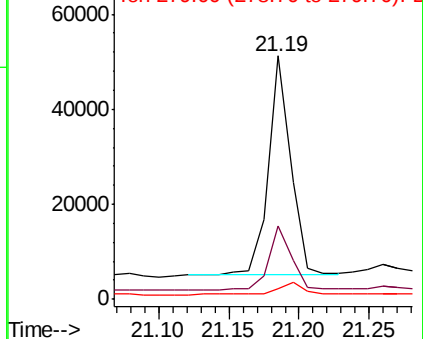
279 6.4 4.2 6.2#



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



#33

Indeno(1,2,3-cd)pyrene

Concen: 1.091 ng

RT: 25.69 min Scan# 3248

Delta R.T. -0.02 min

Lab File: BN007921.D

Acq: 01 Oct 2019 06:58

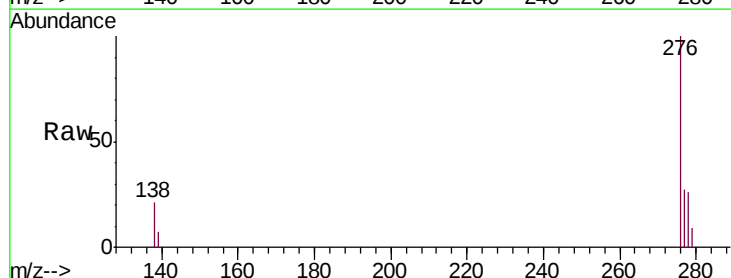
Tgt Ion:276 Resp: 176315

Ion Ratio Lower Upper

276 100

138 18.1 17.1 25.7

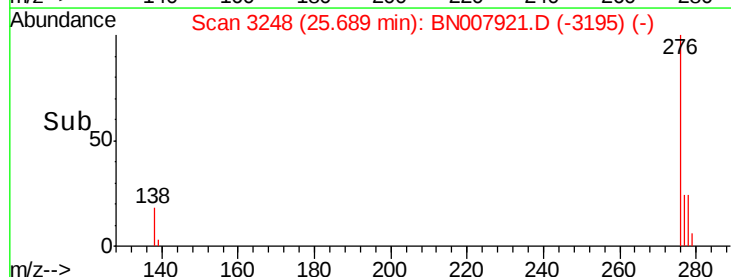
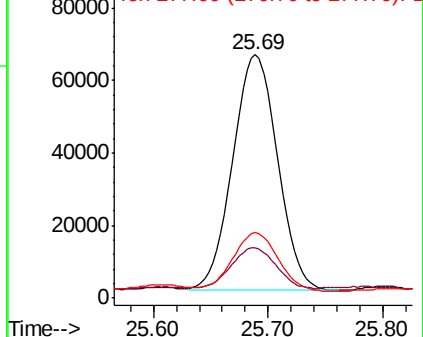
277 25.0 20.0 30.0

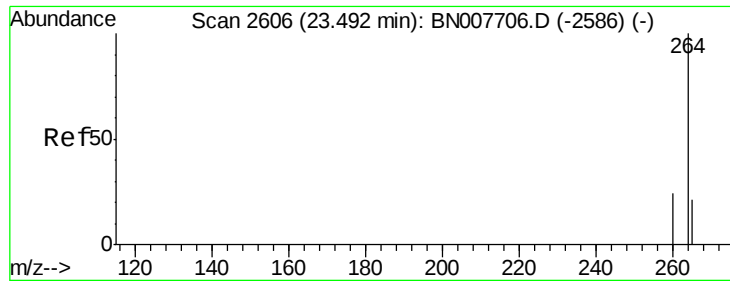


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

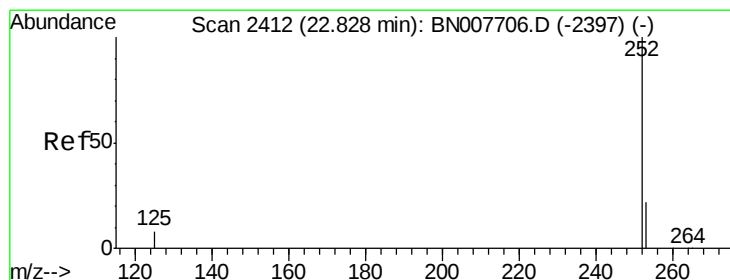
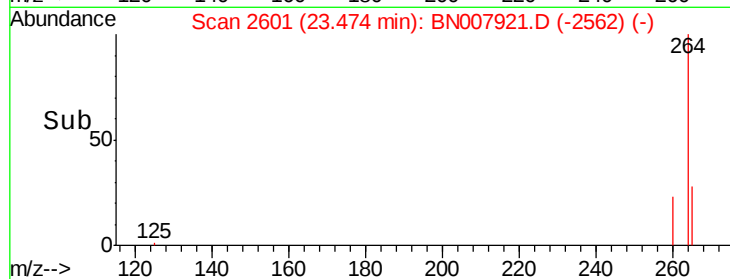
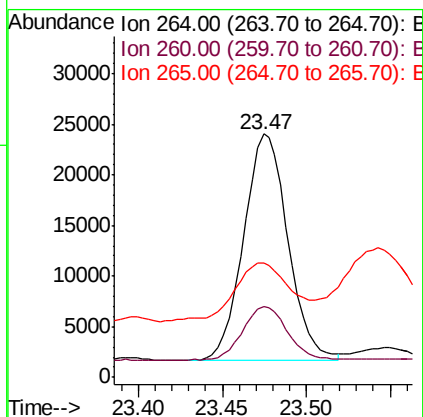
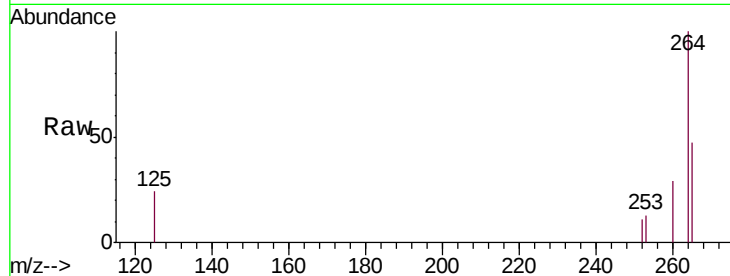




#34  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.47 min Scan# 2601  
Delta R.T. -0.02 min  
Lab File: BN007921.D  
Acq: 01 Oct 2019 06:58

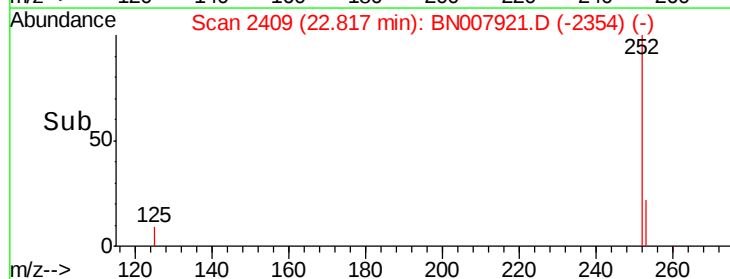
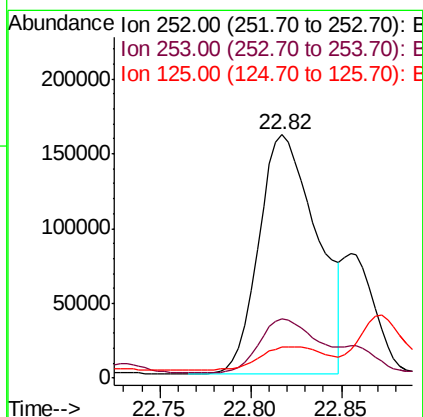
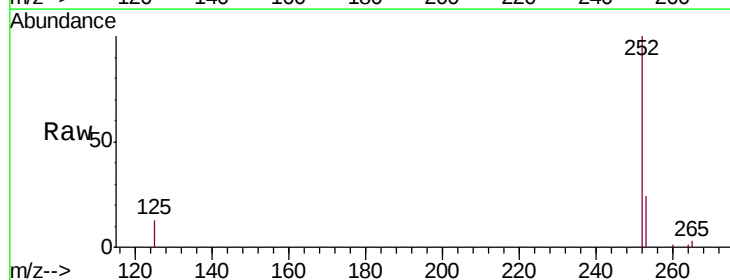
Instrument :  
BNA\_N  
ClientSampleId :  
PST-024-B282-092619

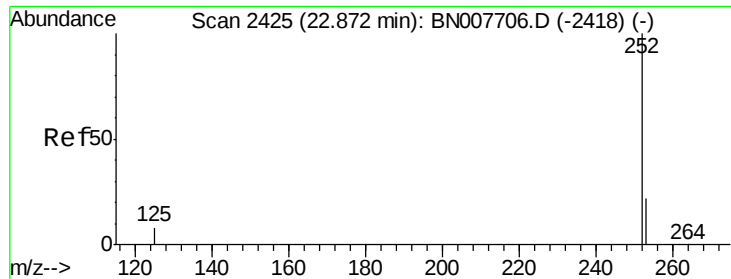
Tgt Ion: 264 Resp: 41438  
Ion Ratio Lower Upper  
264 100  
260 29.1 19.3 28.9#  
265 47.1 26.9 40.3#



#35  
Benzo(b)fluoranthene  
Concen: 2.471 ng  
RT: 22.82 min Scan# 2409  
Delta R.T. -0.01 min  
Lab File: BN007921.D  
Acq: 01 Oct 2019 06:58

Tgt Ion: 252 Resp: 355521  
Ion Ratio Lower Upper  
252 100  
253 24.3 18.3 27.5  
125 12.6 8.2 12.4#

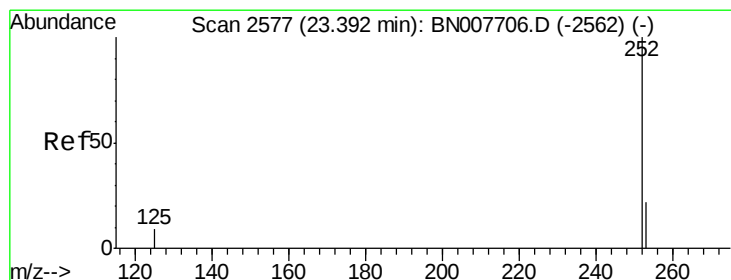
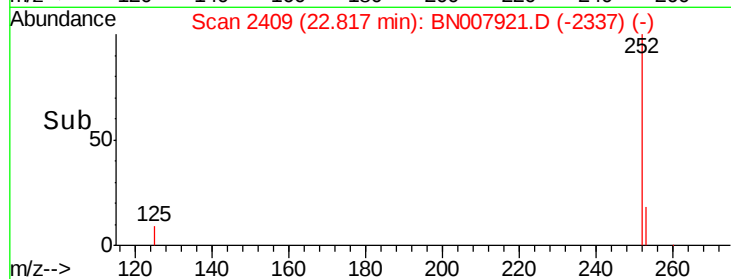
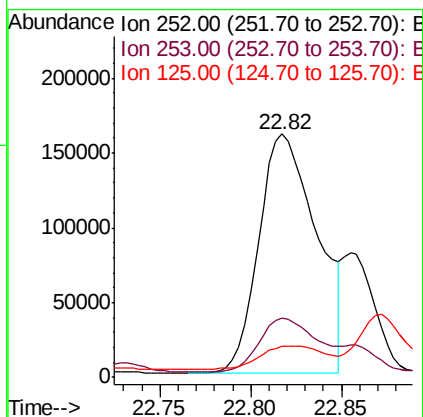
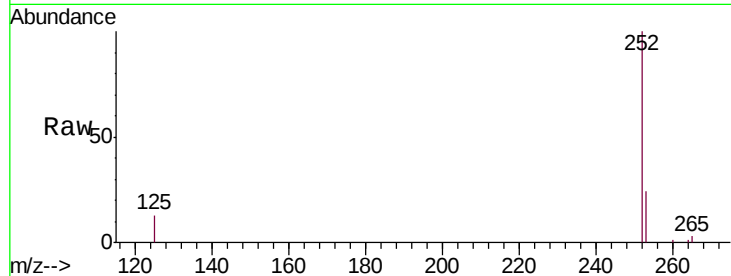




#36  
Benzo(k)fluoranthene  
Concen: 2.499 ng  
RT: 22.82 min Scan# 2409  
Delta R.T. -0.05 min  
Lab File: BN007921.D  
Acq: 01 Oct 2019 06:58

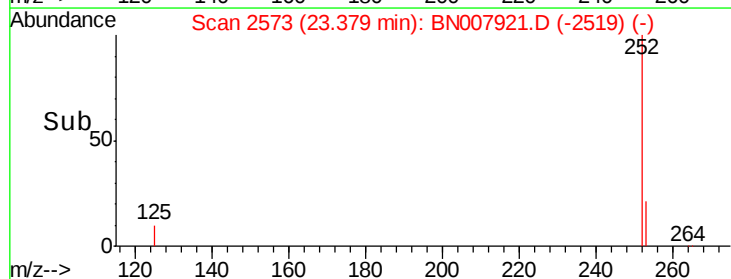
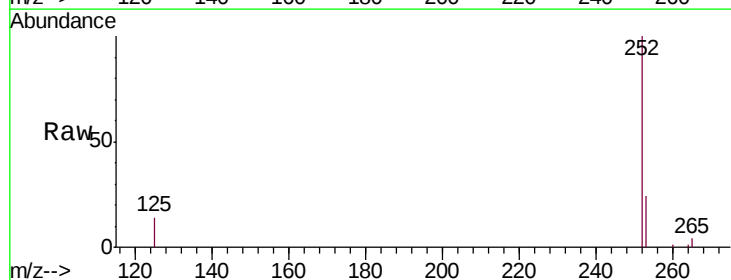
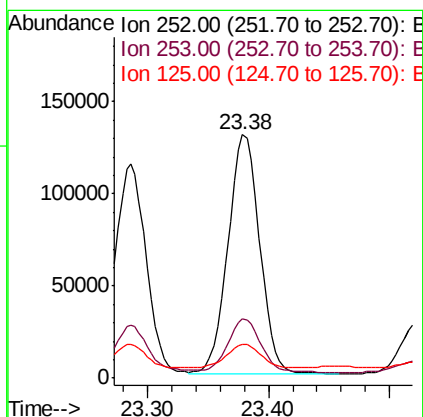
Instrument :  
BNA\_N  
ClientSampleId :  
PST-024-B282-092619

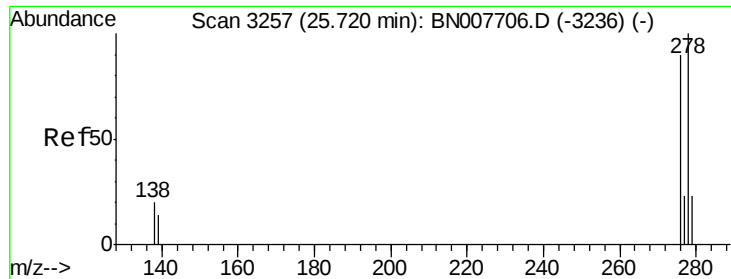
Tgt Ion: 252 Resp: 355521  
Ion Ratio Lower Upper  
252 100  
253 24.3 18.5 27.7  
125 12.6 8.4 12.6#



#37  
Benzo(a)pyrene  
Concen: 1.735 ng  
RT: 23.38 min Scan# 2573  
Delta R.T. -0.01 min  
Lab File: BN007921.D  
Acq: 01 Oct 2019 06:58

Tgt Ion: 252 Resp: 234579  
Ion Ratio Lower Upper  
252 100  
253 24.4 18.6 27.8  
125 13.9 9.4 14.0





#38

Dibenzo(a,h)anthracene

Concen: 0.371 ng

RT: 25.70 min Scan# 3250

Delta R.T. -0.02 min

Lab File: BN007921.D

Acq: 01 Oct 2019 06:58

Instrument :

BNA\_N

ClientSampleId :

PST-024-B282-092619

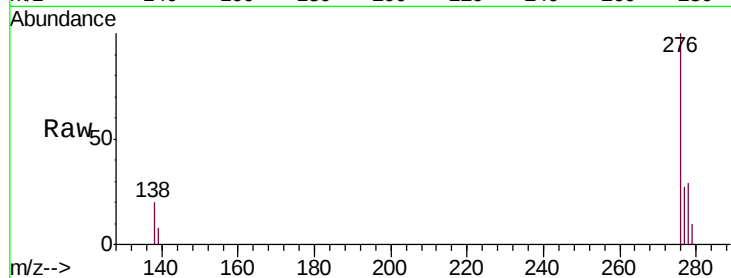
Tgt Ion: 278 Resp: 51262

Ion Ratio Lower Upper

278 100

139 26.5 11.8 17.6#

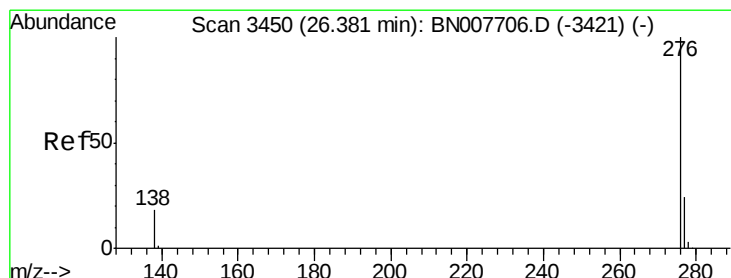
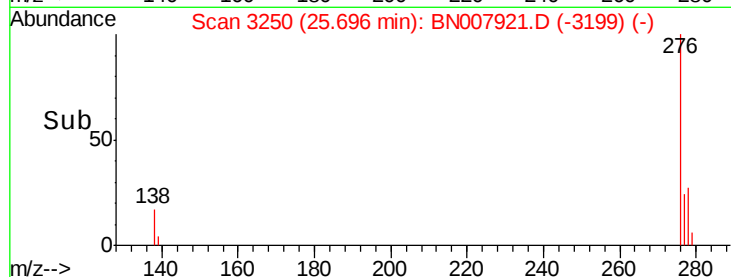
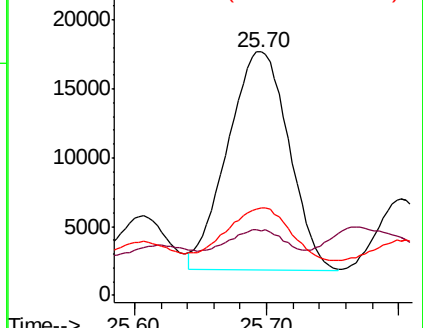
279 35.8 19.4 29.2#



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(g,h,i)perylene

Concen: 1.390 ng

RT: 26.37 min Scan# 3446

Delta R.T. -0.01 min

Lab File: BN007921.D

Acq: 01 Oct 2019 06:58

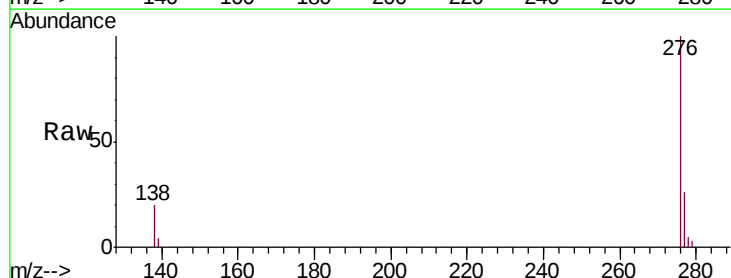
Tgt Ion: 276 Resp: 190319

Ion Ratio Lower Upper

276 100

277 26.1 19.8 29.8

138 20.2 15.1 22.7



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

