

Data File : BN007915.D  
Acq On : 01 Oct 2019 03:23  
Operator : JU  
Sample : K5078-06  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
EXT-024-SW070-092519

Quant Time: Oct 01 07:47:57 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  | 7002     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.46 | 136  | 27714    | 0.40 | ng    | -0.01    |
| 13) Acenaphthene-d10      | 14.31 | 164  | 17514    | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10      | 17.06 | 188  | 37228    | 0.40 | ng    | -0.01    |
| 27) Chrysene-d12          | 21.26 | 240  | 39636    | 0.40 | ng    | -0.01    |
| 34) Perylene-d12          | 23.47 | 264  | 45080    | 0.40 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.31  | 112  | 3859     | 0.16 | ng    | 0.00     |
| 5) Phenol-d6                | 6.87  | 99   | 5278     | 0.17 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.83  | 82   | 4629     | 0.19 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.05 | 152  | 8887     | 0.19 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol    | 15.81 | 330  | 1739     | 0.18 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl        | 12.93 | 172  | 12217    | 0.17 | ng    | -0.01    |
| 25) Fluoranthene-d10        | 19.09 | 212  | 22845    | 0.18 | ng    | -0.01    |
| 29) Terphenyl-d14           | 19.70 | 244  | 19651    | 0.20 | ng    | -0.01    |

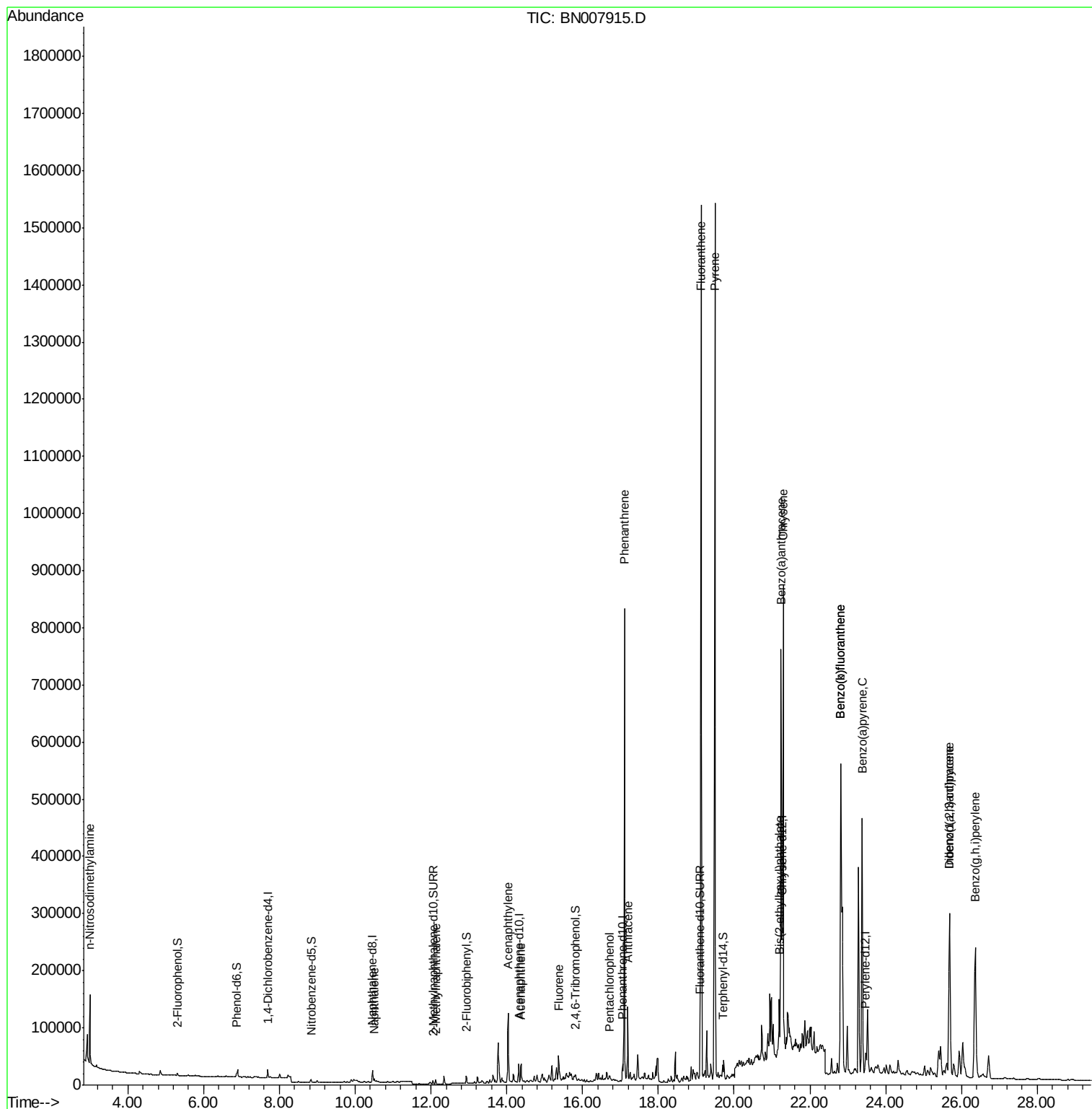
| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 3) n-Nitrosodimethylamine      | 3.00  | 42   | 9681     | 2.708  | ng    | # 81   |
| 9) Naphthalene                 | 10.51 | 128  | 6906     | 0.089  | ng    | # 92   |
| 12) 2-Methylnaphthalene        | 12.13 | 142  | 6597     | 0.125  | ng    | # 95   |
| 16) Acenaphthylene             | 14.03 | 152  | 148630   | 1.600  | ng    | 99     |
| 17) Acenaphthene               | 14.38 | 154  | 18020    | 0.301  | ng    | 96     |
| 18) Fluorene                   | 15.36 | 166  | 37674    | 0.491  | ng    | 85     |
| 22) Pentachlorophenol          | 16.72 | 266  | 307      | 0.034  | ng    | # 81   |
| 23) Phenanthrene               | 17.10 | 178  | 803881   | 6.932  | ng    | 100    |
| 24) Anthracene                 | 17.19 | 178  | 133002   | 1.270  | ng    | 97     |
| 26) Fluoranthene               | 19.13 | 202  | 1423579  | 9.872  | ng    | 98     |
| 28) Pyrene                     | 19.49 | 202  | 1361225  | 10.070 | ng    | 96     |
| 30) Benzo(a)anthracene         | 21.24 | 228  | 578058   | 3.960  | ng    | 96     |
| 31) Chrysene                   | 21.29 | 228  | 710326   | 4.993  | ng    | 98     |
| 32) Bis(2-ethylhexyl)phthalate | 21.19 | 149  | 75602    | 1.007  | ng    | 99     |
| 33) Indeno(1,2,3-cd)pyrene     | 25.68 | 276  | 466628   | 2.620  | ng    | 96     |
| 35) Benzo(b)fluoranthene       | 22.81 | 252  | 882763   | 5.641  | ng    | 99     |
| 36) Benzo(k)fluoranthene       | 22.81 | 252  | 882763   | 5.704  | ng    | 99     |
| 37) Benzo(a)pyrene             | 23.38 | 252  | 591010   | 4.019  | ng    | 99     |
| 38) Dibenzo(a,h)anthracene     | 25.69 | 278  | 109740   | 0.729  | ng    | # 90   |
| 39) Benzo(g,h,i)perylene       | 26.36 | 276  | 485438   | 3.260  | ng    | 100    |

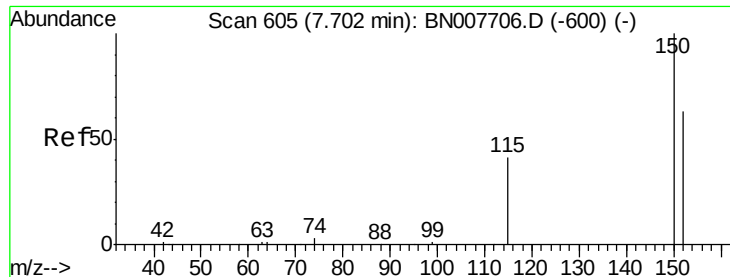
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: BN007915.D

Acq: 01 Oct 2019 03:23

Instrument :

BNA\_N

ClientSampleId :

EXT-024-SW070-092519

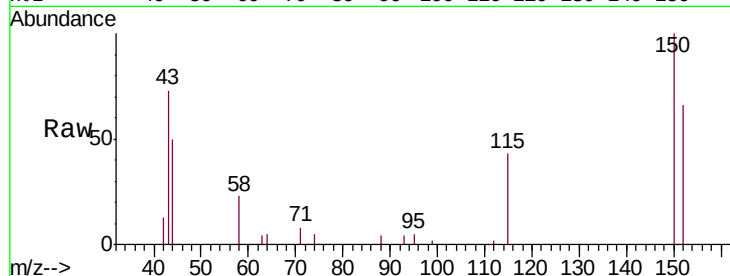
Tgt Ion:152 Resp: 7002

Ion Ratio Lower Upper

152 100

150 150.8 125.6 188.4

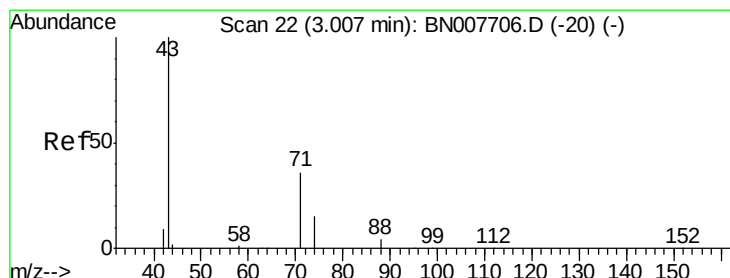
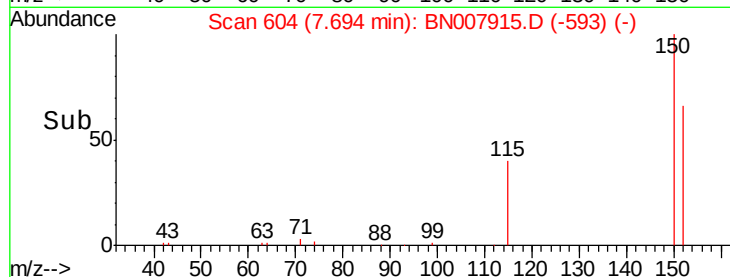
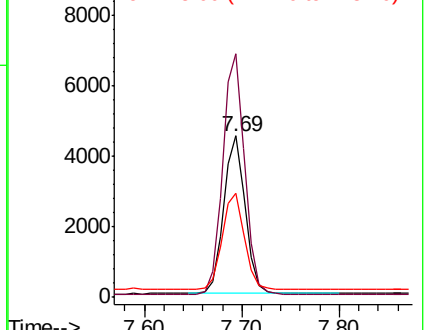
115 64.4 53.3 79.9



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: 2.708 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

Lab File: BN007915.D

Acq: 01 Oct 2019 03:23

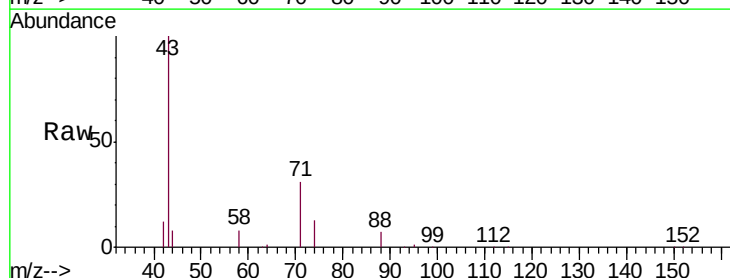
Tgt Ion: 42 Resp: 9681

Ion Ratio Lower Upper

42 100

74 133.1 87.9 131.9#

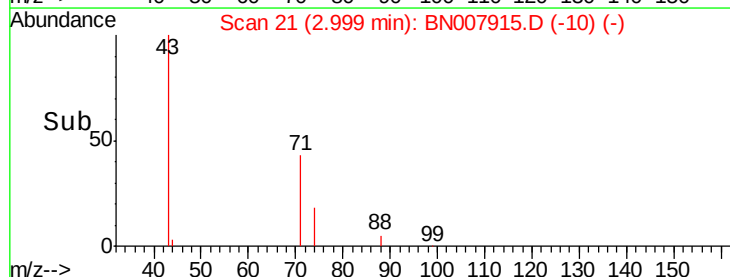
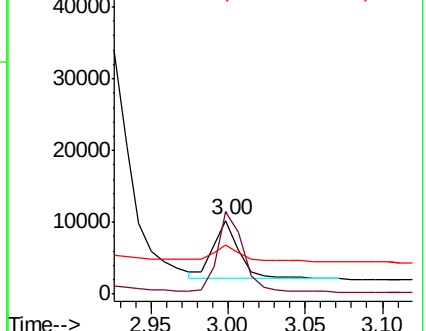
44 30.1 29.4 44.0

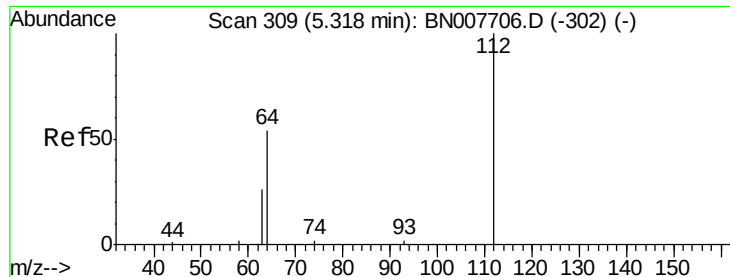


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.160 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007915.D

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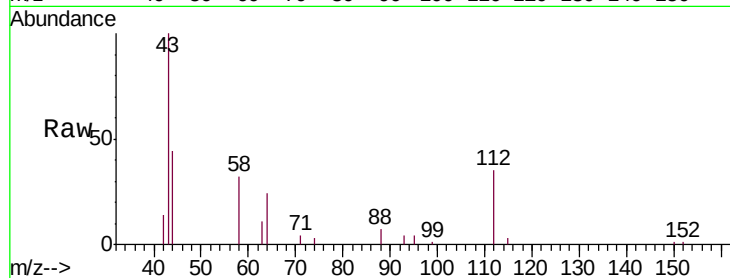
Tgt Ion: 112 Resp: 3859

Ion Ratio Lower Upper

112 100

64 57.1 46.6 70.0

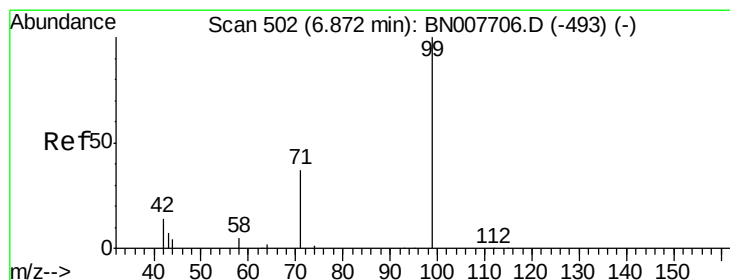
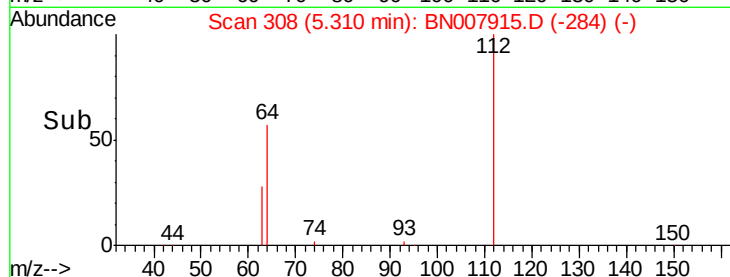
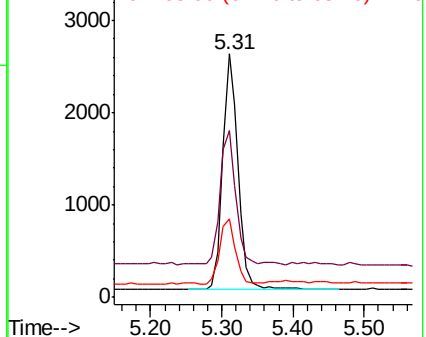
63 27.8 23.1 34.7



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: 0.172 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007915.D

Acq: 01 Oct 2019 03:23

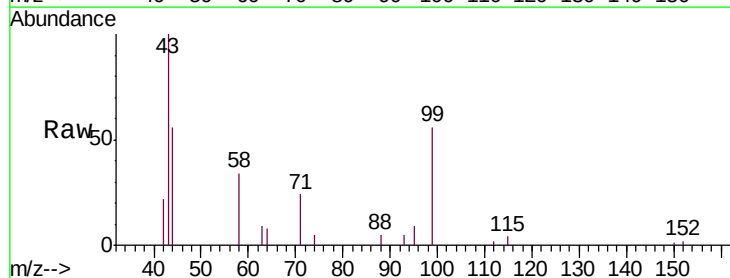
Tgt Ion: 99 Resp: 5278

Ion Ratio Lower Upper

99 100

42 27.6 12.8 19.2#

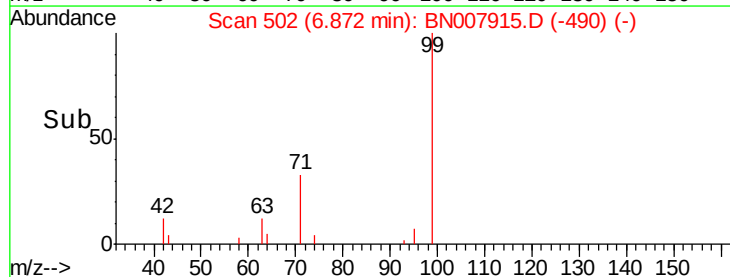
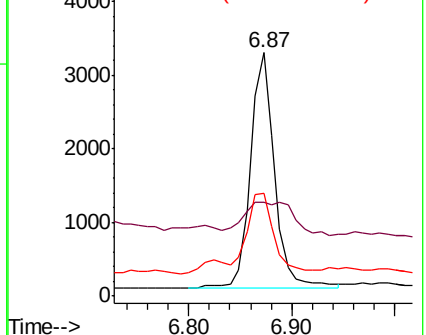
71 35.7 27.6 41.4

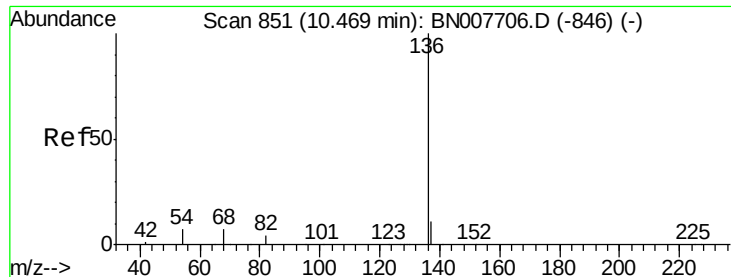


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: BN007915.D

Acq: 01 Oct 2019 03:23

Instrument :

BNA\_N

ClientSampleId :

EXT-024-SW070-092519

Tgt Ion:136 Resp: 27714

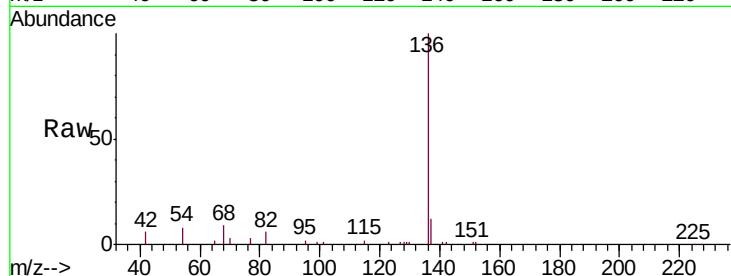
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 7.9 5.8 8.8

68 9.3 6.5 9.7

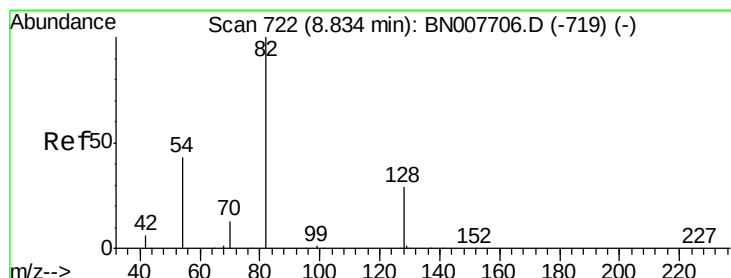
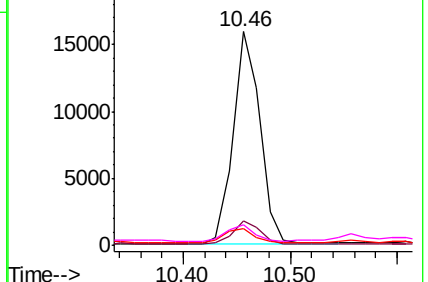
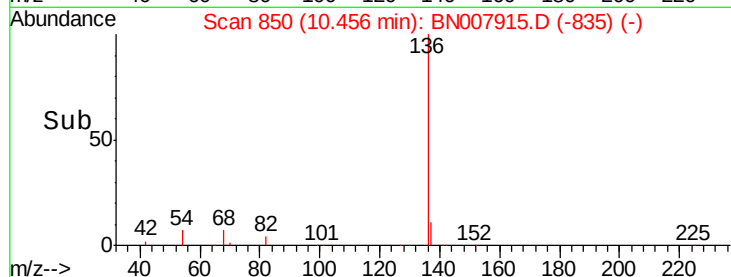


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.191 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007915.D

Acq: 01 Oct 2019 03:23

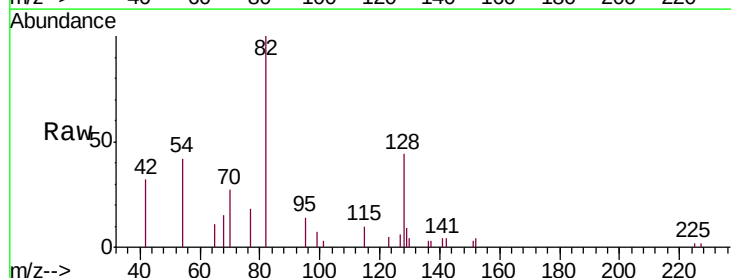
Tgt Ion: 82 Resp: 4629

Ion Ratio Lower Upper

82 100

128 44.4 24.5 36.7#

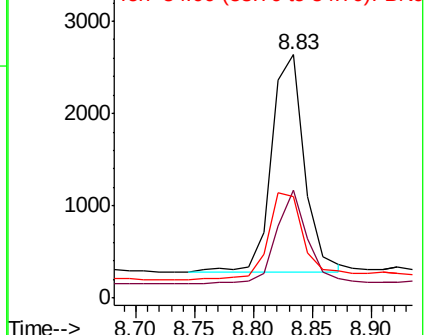
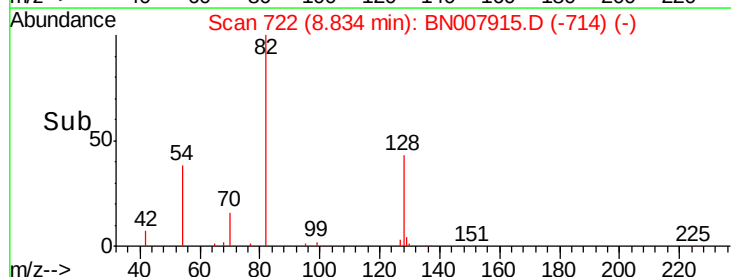
54 41.7 35.2 52.8

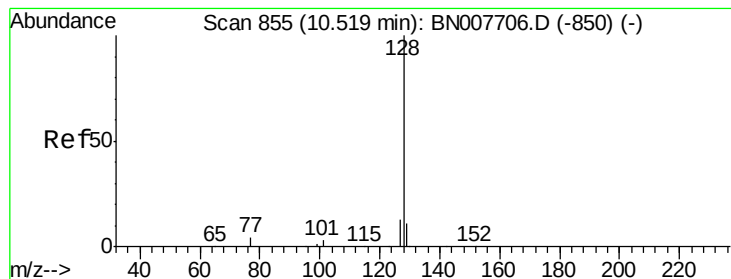


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.089 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007915.D

Acq: 01 Oct 2019 03:23

Instrument :

BNA\_N

ClientSampleId :

EXT-024-SW070-092519

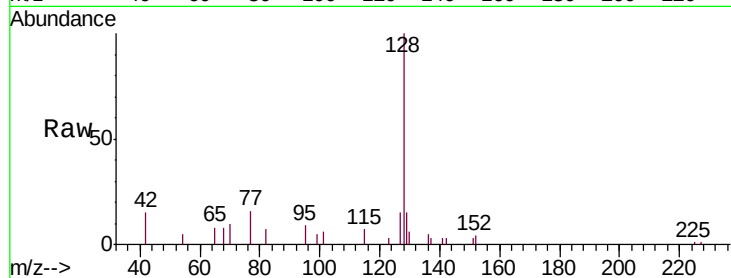
Tgt Ion:128 Resp: 6906

Ion Ratio Lower Upper

128 100

129 15.2 9.1 13.7#

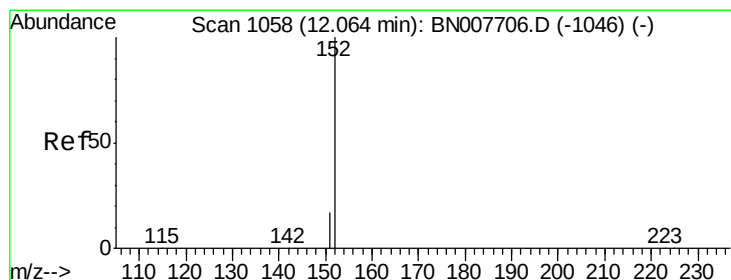
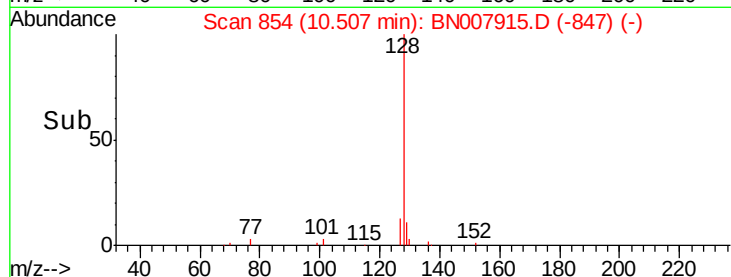
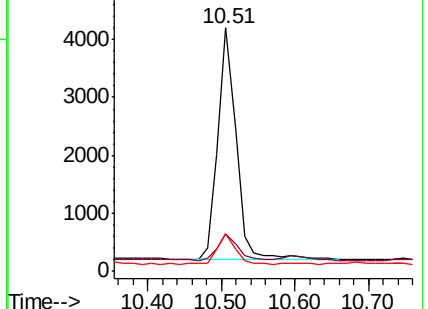
127 15.5 10.6 15.8



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: 0.190 ng

RT: 12.05 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BN007915.D

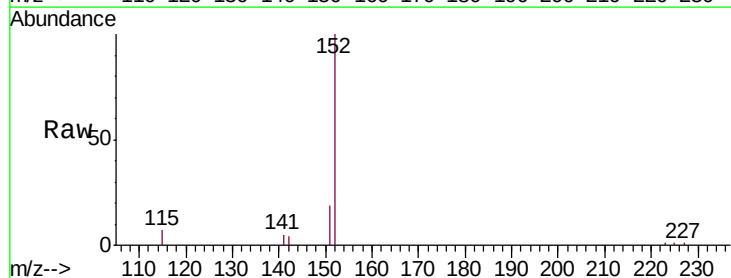
Acq: 01 Oct 2019 03:23

Tgt Ion:152 Resp: 8887

Ion Ratio Lower Upper

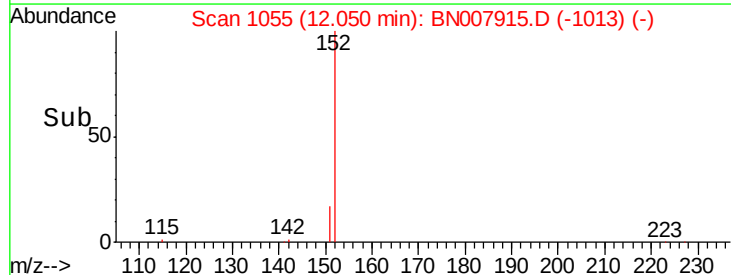
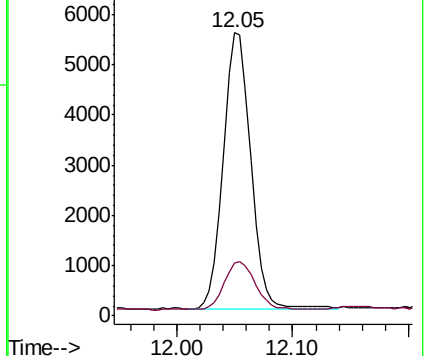
152 100

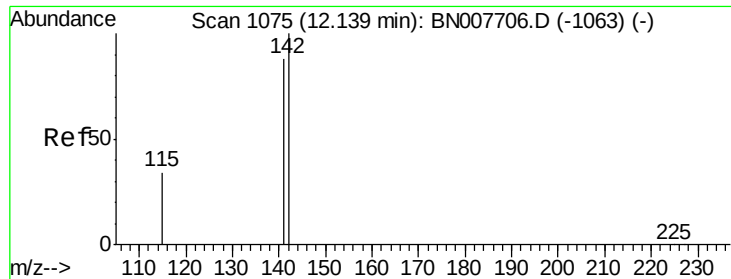
151 19.4 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

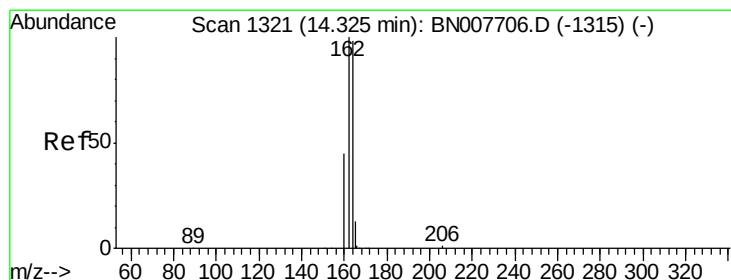
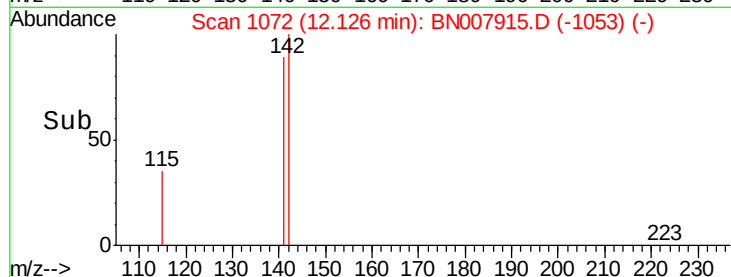
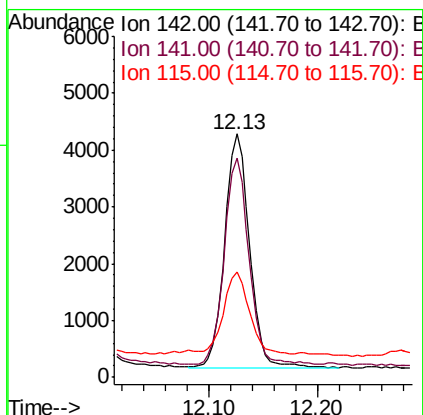
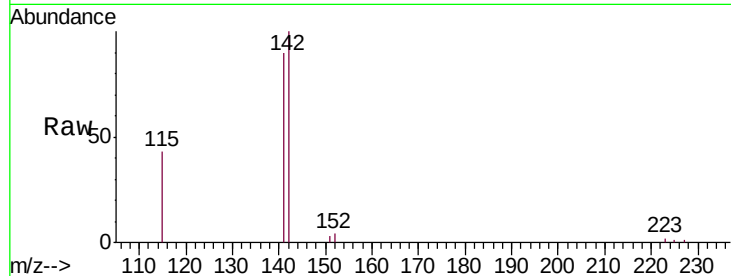




#12  
2-Methylnaphthalene  
Concen: 0.125 ng  
RT: 12.13 min Scan# 1072  
Delta R.T. -0.01 min  
Lab File: BN007915.D  
Acq: 01 Oct 2019 03:23

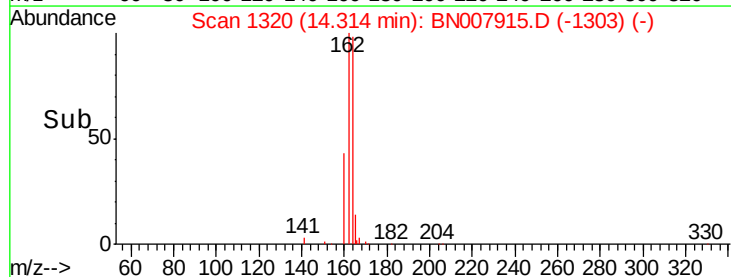
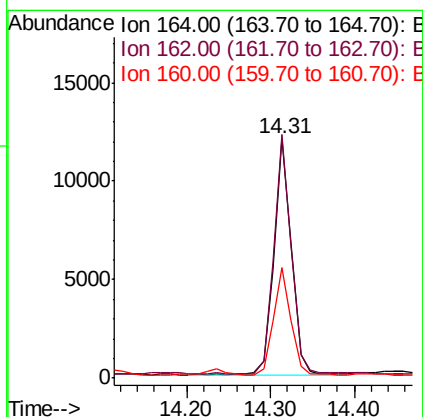
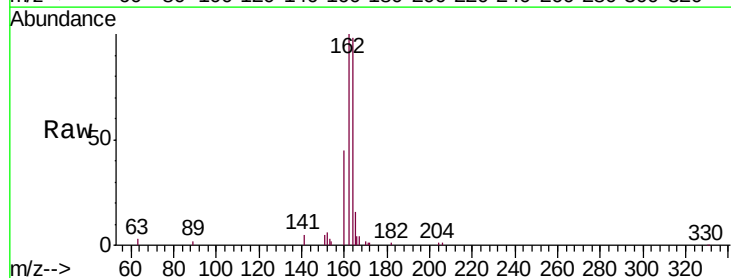
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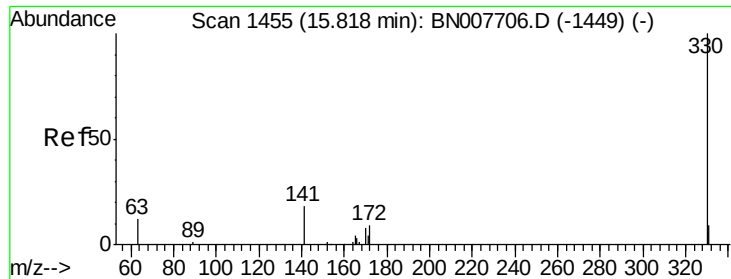
Tgt Ion:142 Resp: 6597  
Ion Ratio Lower Upper  
142 100  
141 90.3 70.6 106.0  
115 43.2 28.3 42.5#



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.31 min Scan# 1320  
Delta R.T. -0.01 min  
Lab File: BN007915.D  
Acq: 01 Oct 2019 03:23

Tgt Ion:164 Resp: 17514  
Ion Ratio Lower Upper  
164 100  
162 101.6 81.7 122.5  
160 46.1 37.0 55.4

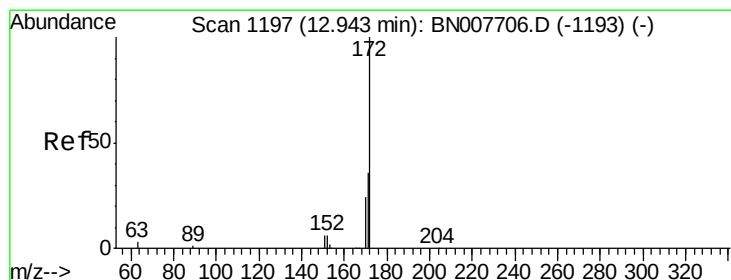
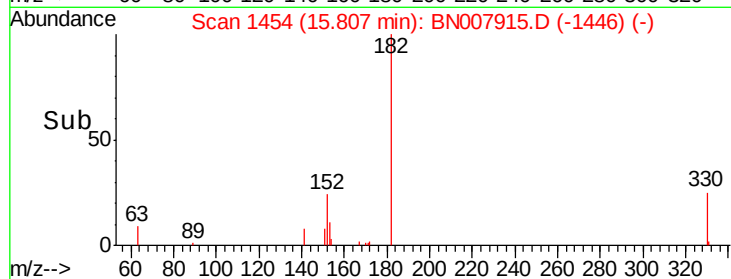
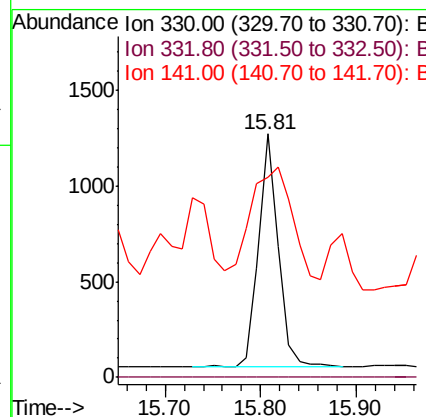
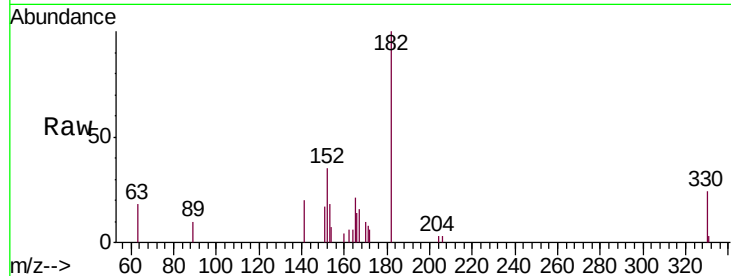




#14  
 2,4,6-Tribromophenol  
 Concen: 0.182 ng  
 RT: 15.81 min Scan# 1454  
 Delta R.T. -0.01 min  
 Lab File: BN007915.D  
 Acq: 01 Oct 2019 03:23

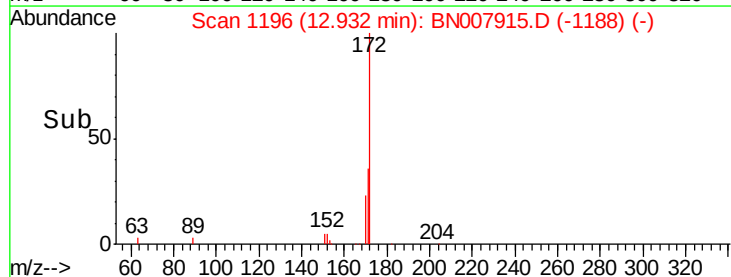
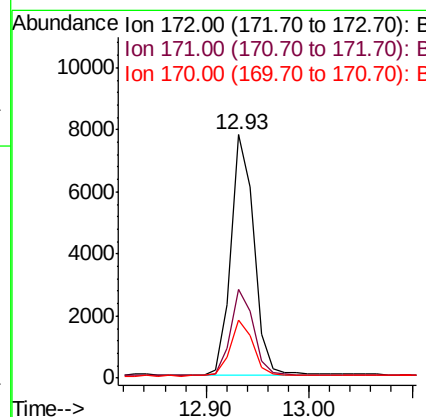
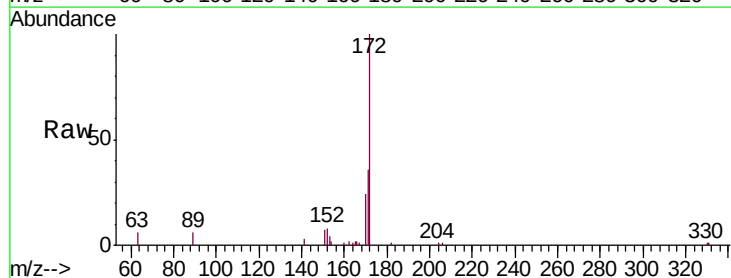
Instrument :  
 BNA\_N  
 ClientSampleId :  
 EXT-024-SW070-092519

Tgt Ion:330 Resp: 1739  
 Ion Ratio Lower Upper  
 330 100  
 332 0.0 0.0 0.0  
 141 102.9 28.7 43.1#

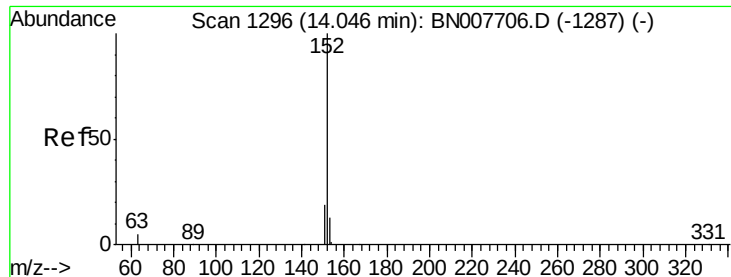


#15  
 2-Fluorobiphenyl  
 Concen: 0.169 ng  
 RT: 12.93 min Scan# 1196  
 Delta R.T. -0.01 min  
 Lab File: BN007915.D  
 Acq: 01 Oct 2019 03:23

Tgt Ion:172 Resp: 12217  
 Ion Ratio Lower Upper  
 172 100  
 171 36.2 28.8 43.2  
 170 24.1 19.5 29.3







#16

Acenaphthylene

Concen: 1.600 ng

RT: 14.03 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BN007915.D

Acq: 01 Oct 2019 03:23

Instrument :

BNA\_N

ClientSampleId :

EXT-024-SW070-092519

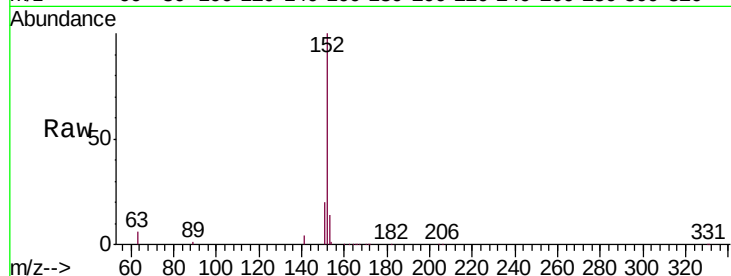
Tgt Ion:152 Resp: 148630

Ion Ratio Lower Upper

152 100

151 19.7 15.5 23.3

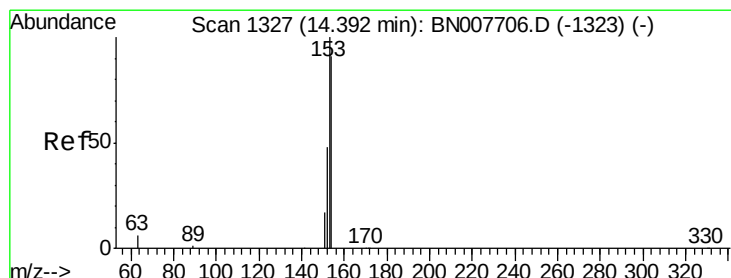
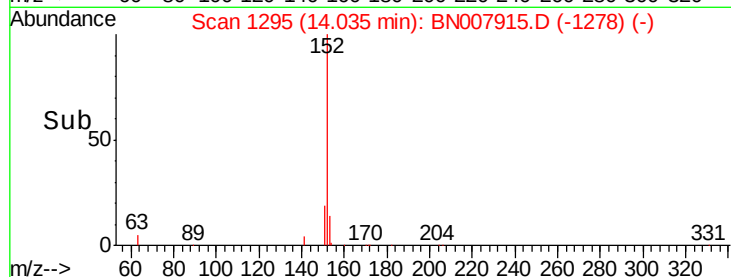
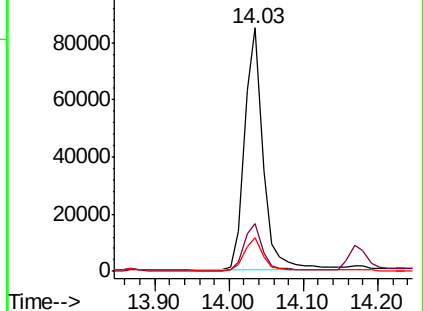
153 13.5 10.4 15.6



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: 0.301 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007915.D

Acq: 01 Oct 2019 03:23

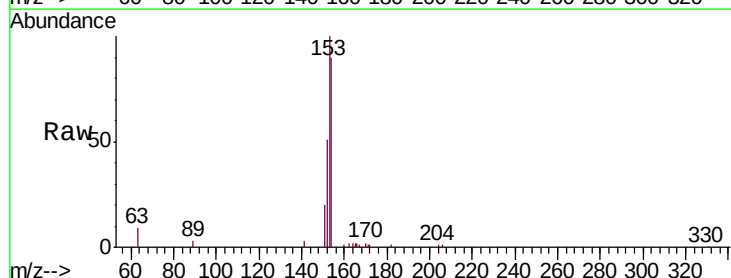
Tgt Ion:154 Resp: 18020

Ion Ratio Lower Upper

154 100

153 113.7 87.0 130.4

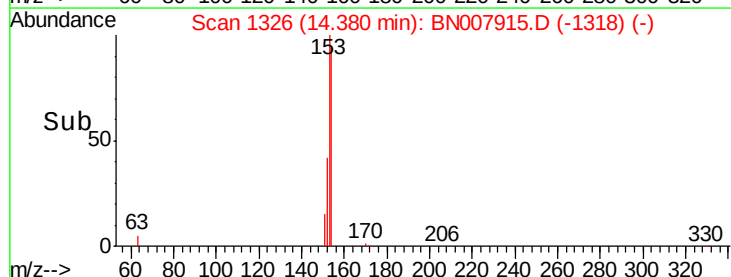
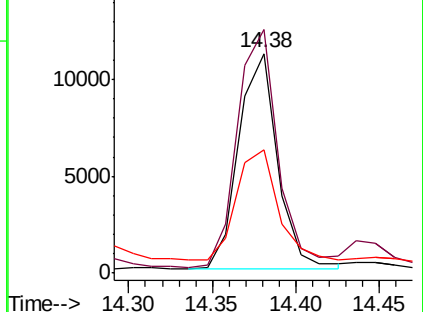
152 55.2 42.7 64.1

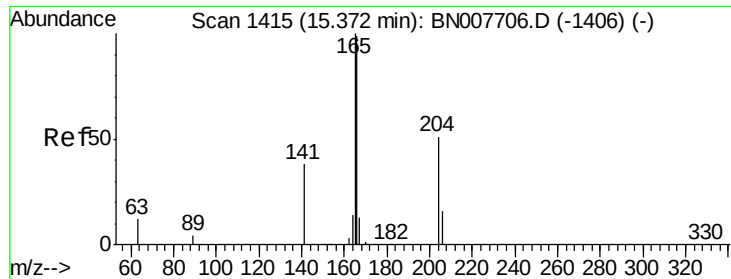


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

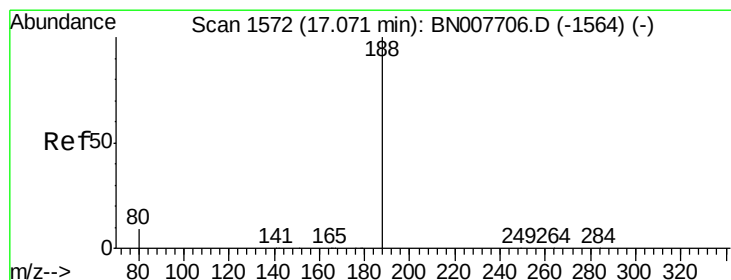
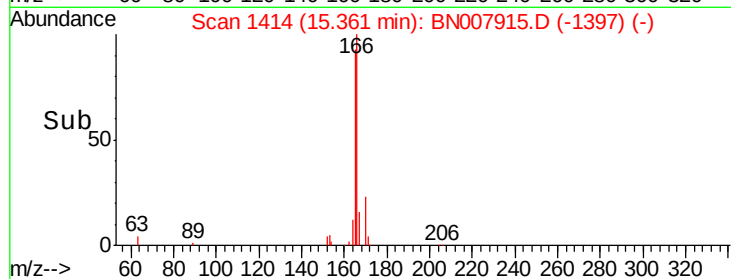
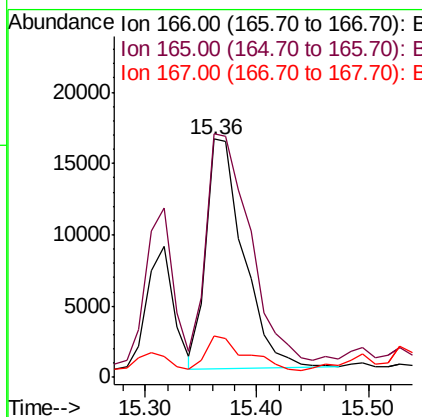
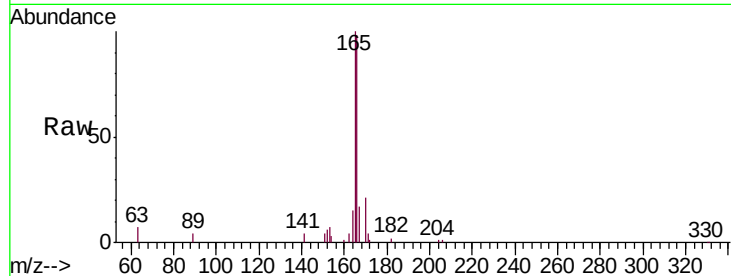




#18  
 Fluorene  
 Concen: 0.491 ng  
 RT: 15.36 min Scan# 1414  
 Delta R.T. -0.01 min  
 Lab File: BN007915.D  
 Acq: 01 Oct 2019 03:23

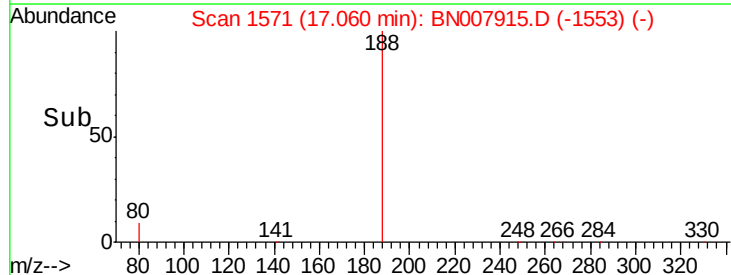
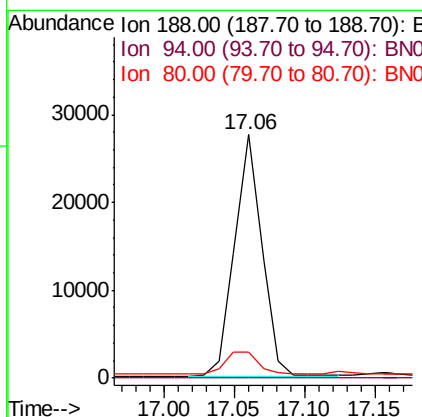
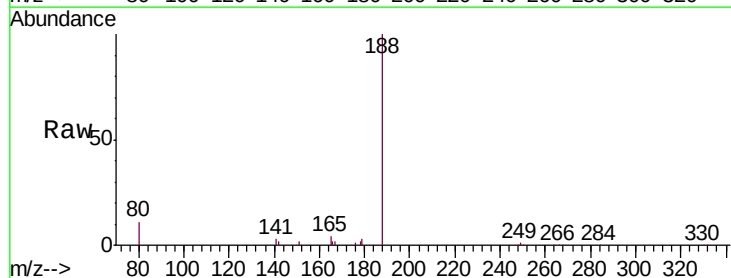
Instrument :  
 BNA\_N  
 ClientSampleId :  
 EXT-024-SW070-092519

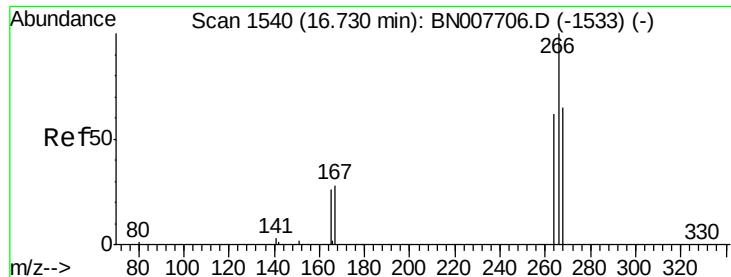
Tgt Ion:166 Resp: 37674  
 Ion Ratio Lower Upper  
 166 100  
 165 113.3 78.0 117.0  
 167 15.7 10.9 16.3



#19  
 Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 17.06 min Scan# 1571  
 Delta R.T. -0.01 min  
 Lab File: BN007915.D  
 Acq: 01 Oct 2019 03:23

Tgt Ion:188 Resp: 37228  
 Ion Ratio Lower Upper  
 188 100  
 94 0.0 0.0 0.0  
 80 10.7 7.4 11.2





#22

Pentachlorophenol

Concen: 0.034 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007915.D

Acq: 01 Oct 2019 03:23

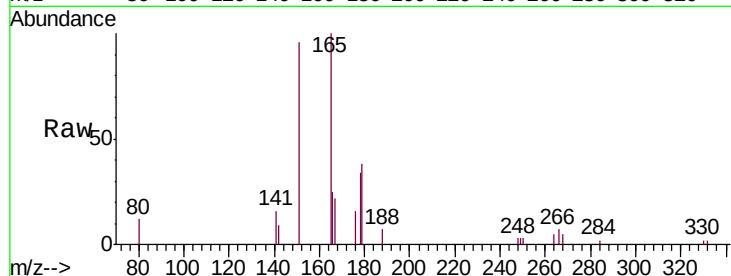
Instrument :

BNA\_N

ClientSampleId :

EXT-024-SW070-092519

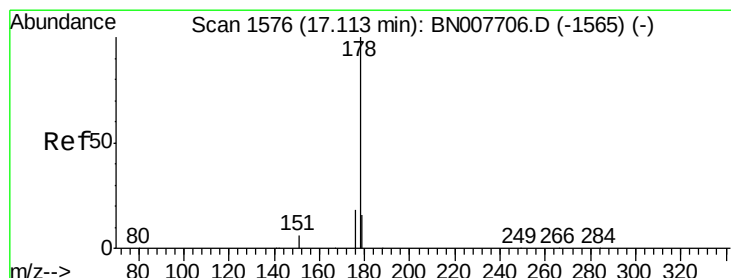
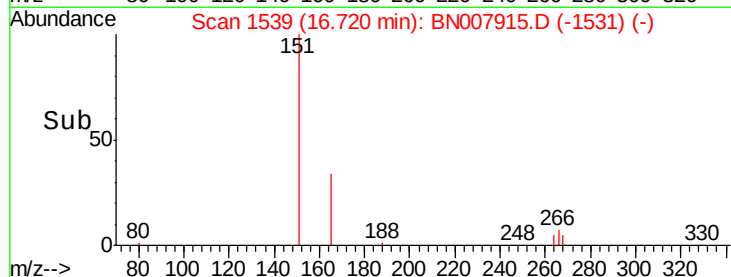
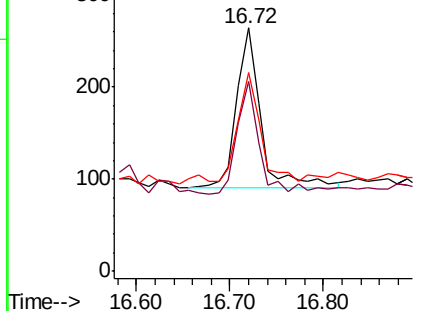
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 307   |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 264       | 78.0  | 50.0  | 75.0# |
| 268       | 81.8  | 54.2  | 81.4# |



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: 6.932 ng

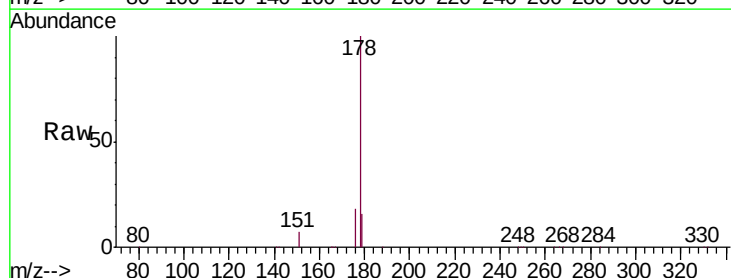
RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007915.D

Acq: 01 Oct 2019 03:23

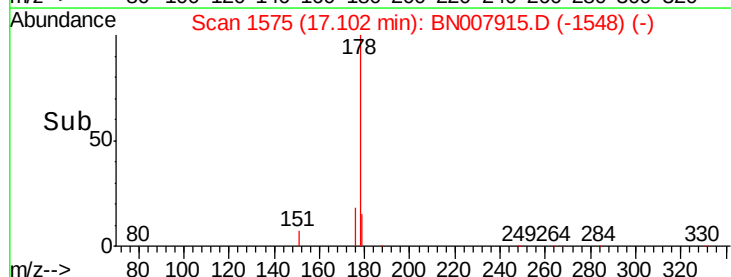
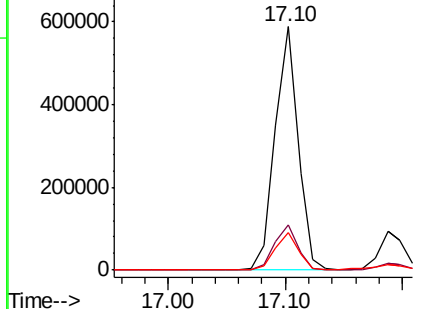
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 803881 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 18.8  | 14.9  | 22.3   |
| 179       | 15.6  | 12.5  | 18.7   |

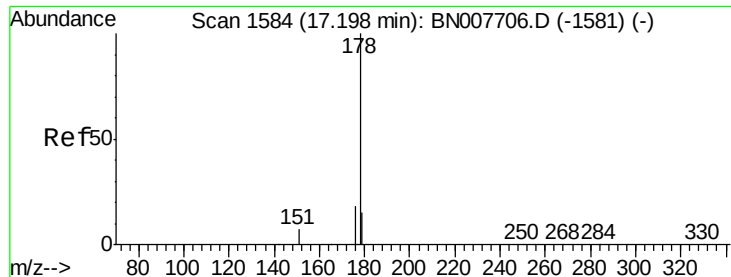


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 1.270 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007915.D

Acq: 01 Oct 2019 03:23

Instrument :

BNA\_N

ClientSampleId :

EXT-024-SW070-092519

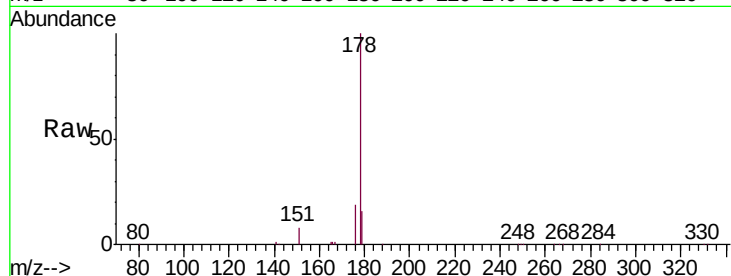
Tgt Ion:178 Resp: 133002

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

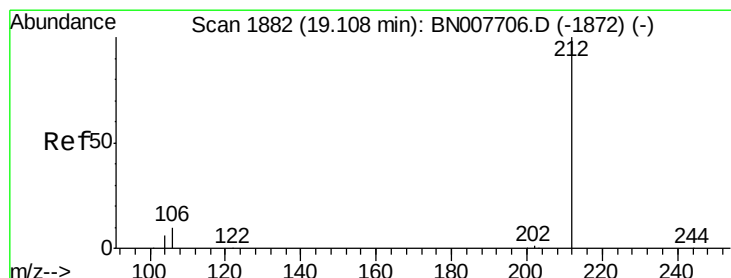
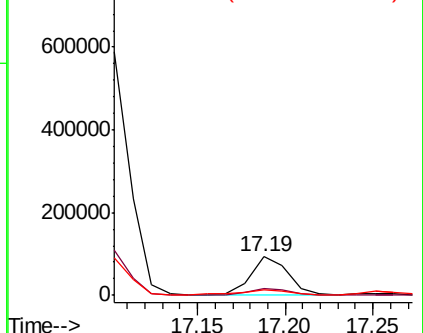
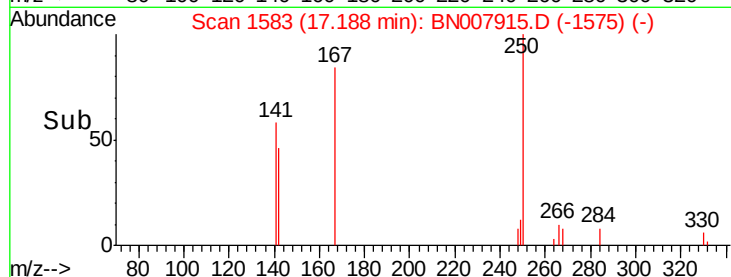
179 17.7 12.2 18.4



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: 0.182 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007915.D

Acq: 01 Oct 2019 03:23

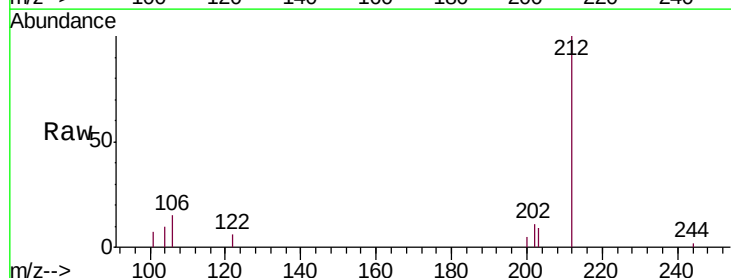
Tgt Ion:212 Resp: 22845

Ion Ratio Lower Upper

212 100

106 14.2 9.4 14.0#

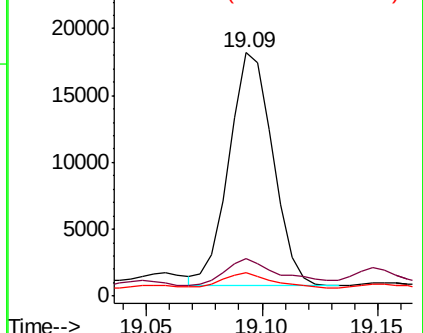
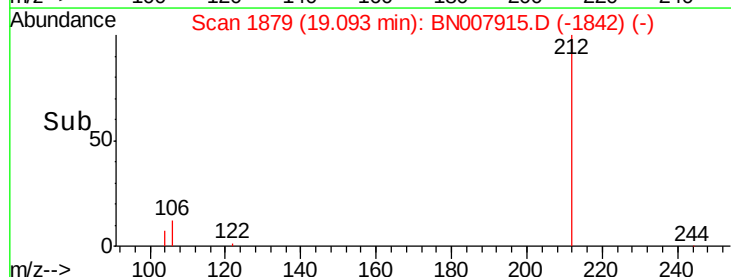
104 7.0 5.3 7.9

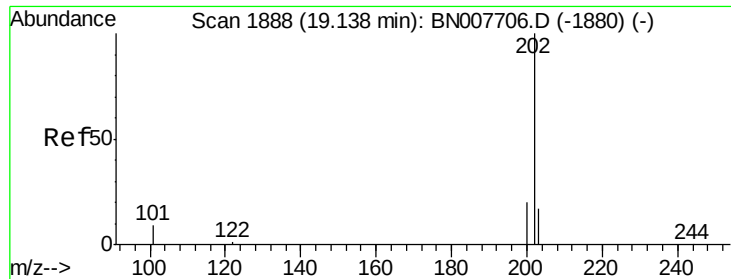


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

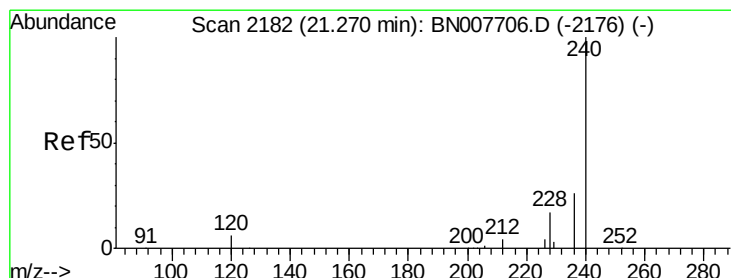
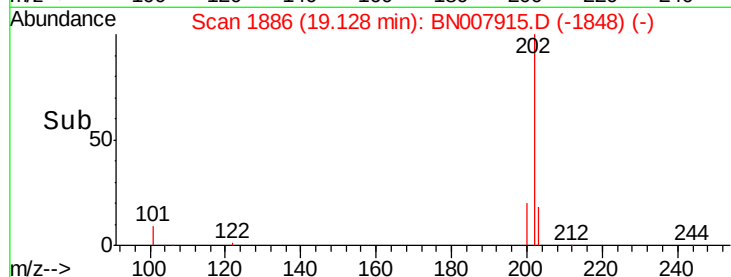
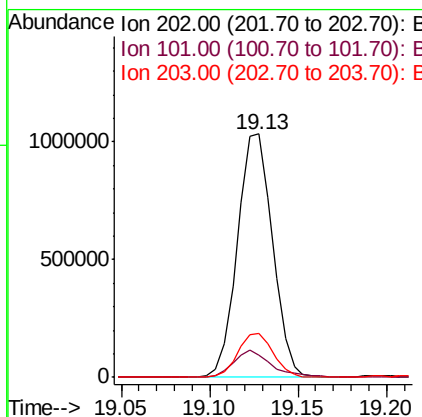
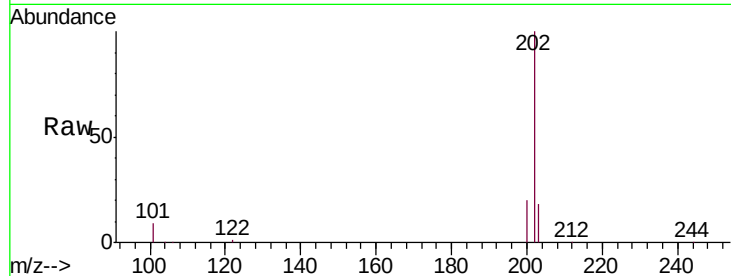




#26  
 Fluoranthene  
 Concen: 9.872 ng  
 RT: 19.13 min Scan# 1886  
 Delta R.T. -0.01 min  
 Lab File: BN007915.D  
 Acq: 01 Oct 2019 03:23

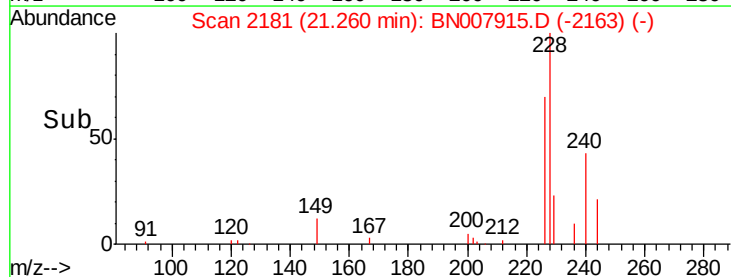
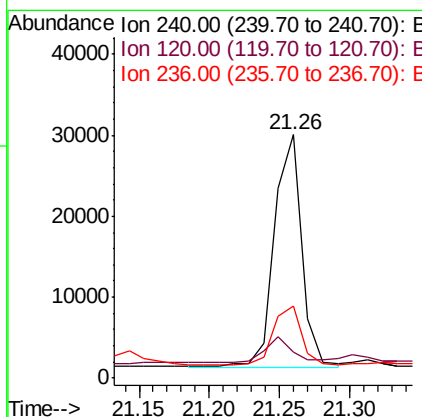
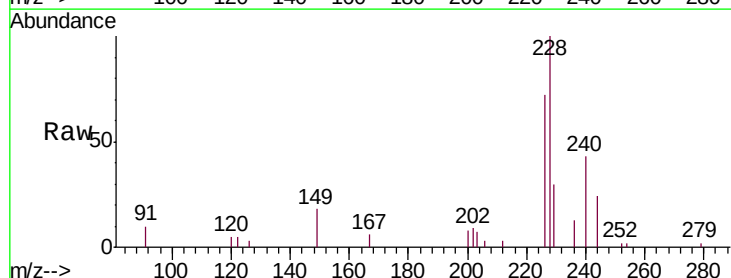
Instrument :  
 BNA\_N  
 ClientSampleId :  
 EXT-024-SW070-092519

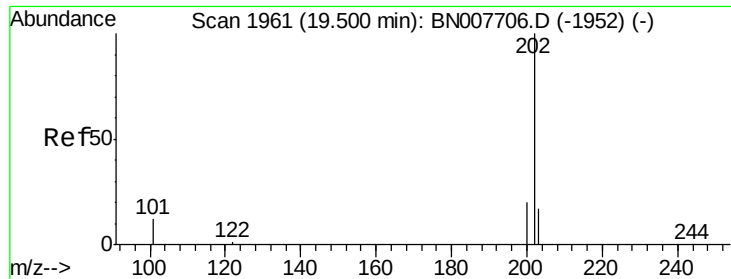
Tgt Ion: 202 Resp: 1423579  
 Ion Ratio Lower Upper  
 202 100  
 101 11.9 8.4 12.6  
 203 17.9 13.8 20.8



#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.26 min Scan# 2181  
 Delta R.T. -0.01 min  
 Lab File: BN007915.D  
 Acq: 01 Oct 2019 03:23

Tgt Ion: 240 Resp: 39636  
 Ion Ratio Lower Upper  
 240 100  
 120 10.8 5.4 8.2#  
 236 29.6 21.0 31.4





#28

Pyrene

Concen: 10.070 ng

RT: 19.49 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BN007915.D

Acq: 01 Oct 2019 03:23

Instrument :

BNA\_N

ClientSampleId :

EXT-024-SW070-092519

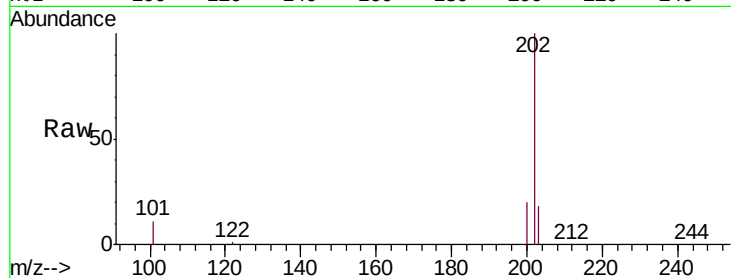
Tgt Ion:202 Resp: 1361225

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

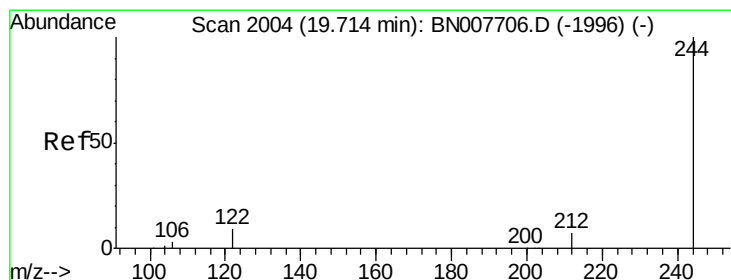
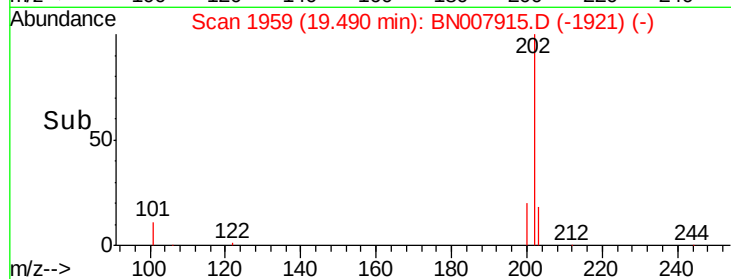
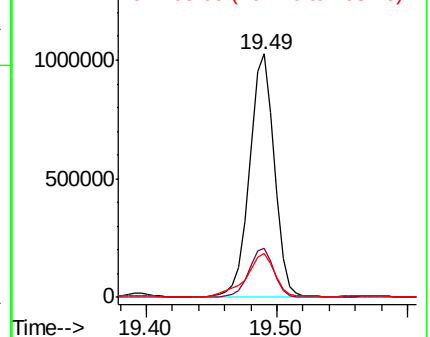
203 21.1 14.1 21.1



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: 0.202 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007915.D

Acq: 01 Oct 2019 03:23

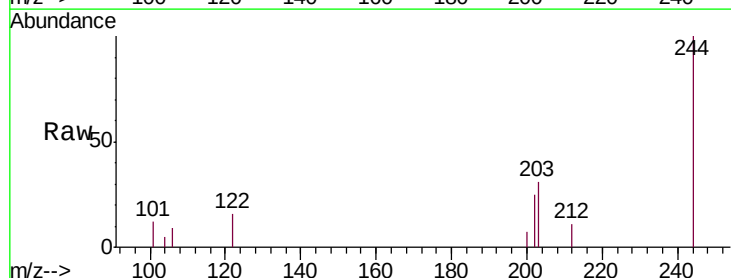
Tgt Ion:244 Resp: 19651

Ion Ratio Lower Upper

244 100

212 10.6 5.9 8.9#

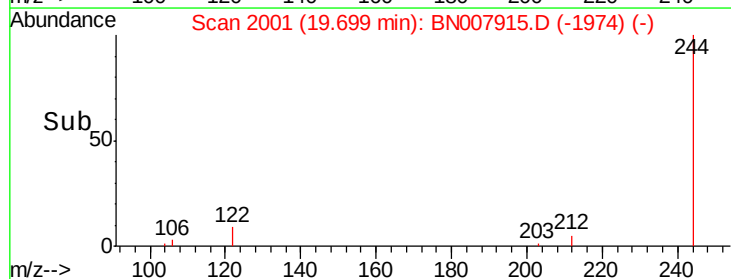
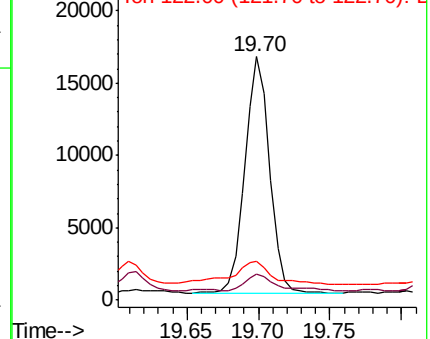
122 15.9 7.4 11.2#

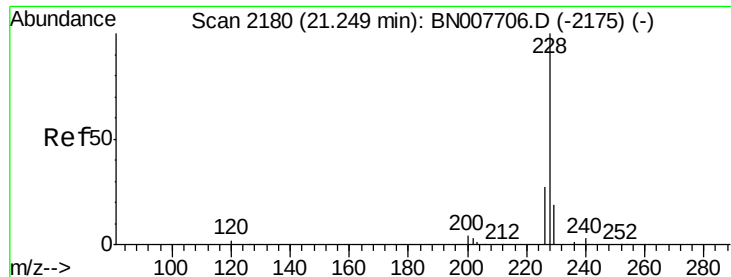


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 3.960 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007915.D

Acq: 01 Oct 2019 03:23

Instrument :

BNA\_N

ClientSampleId :

EXT-024-SW070-092519

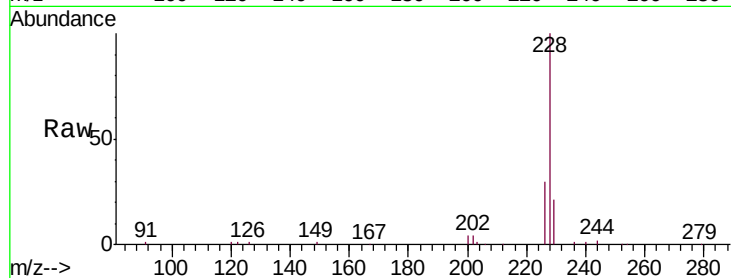
Tgt Ion:228 Resp: 578058

Ion Ratio Lower Upper

228 100

226 30.2 22.1 33.1

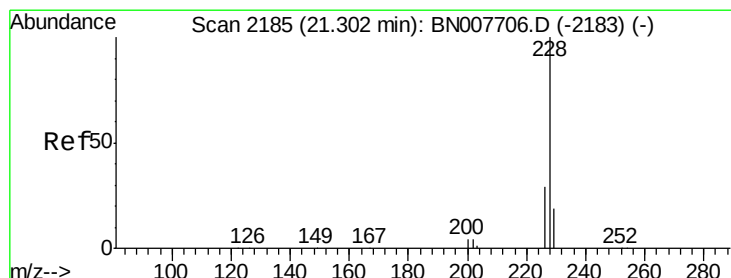
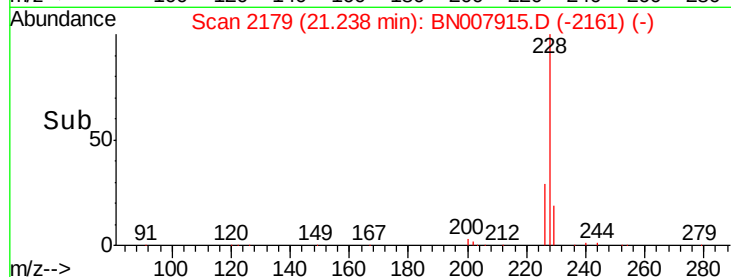
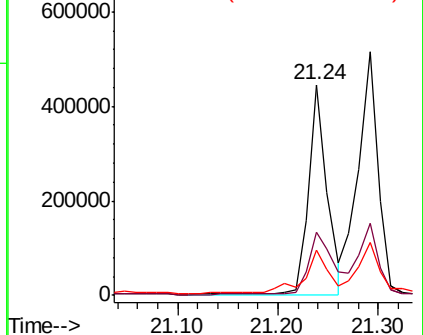
229 21.2 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 4.993 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007915.D

Acq: 01 Oct 2019 03:23

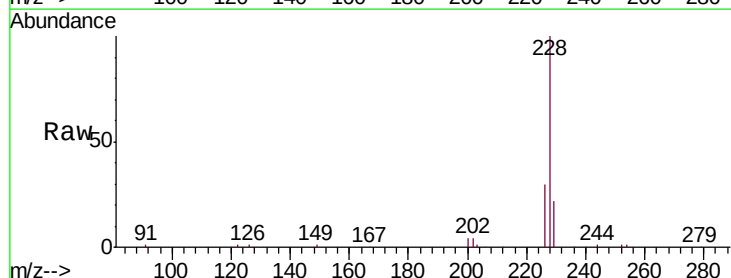
Tgt Ion:228 Resp: 710326

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

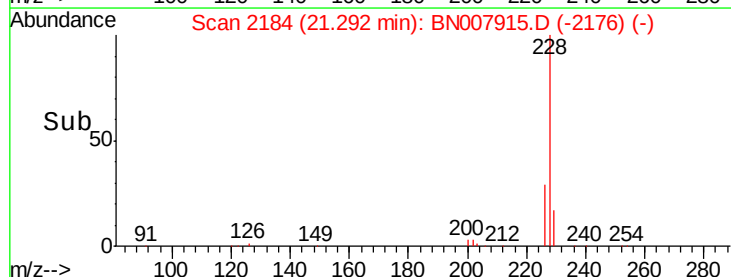
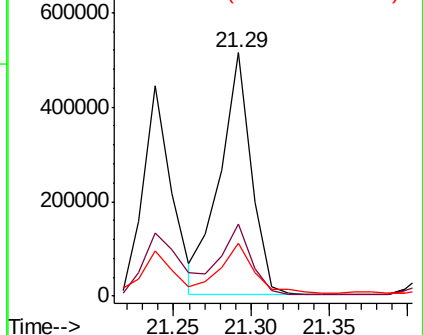
229 21.9 15.8 23.6

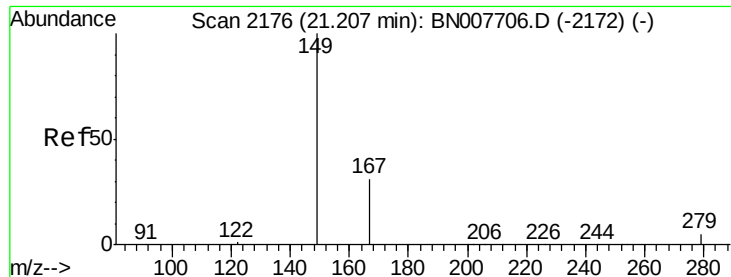


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.007 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007915.D

Acq: 01 Oct 2019 03:23

Instrument :

BNA\_N

ClientSampleId :

EXT-024-SW070-092519

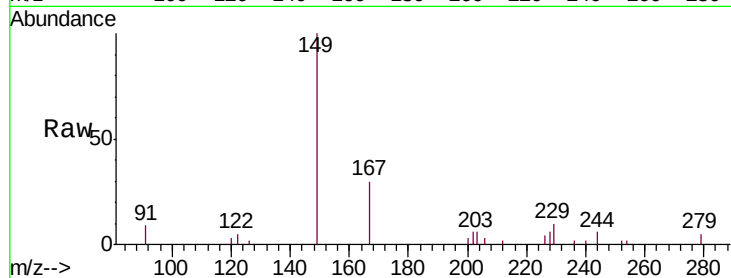
Tgt Ion:149 Resp: 75602

Ion Ratio Lower Upper

149 100

167 28.9 23.7 35.5

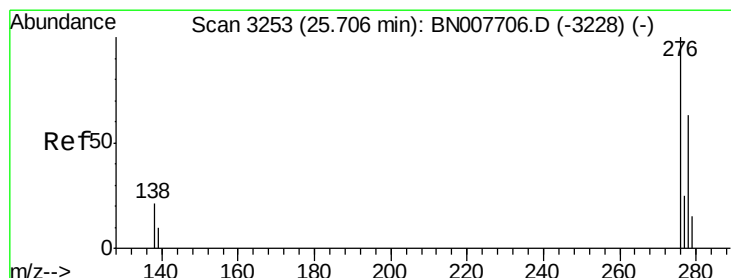
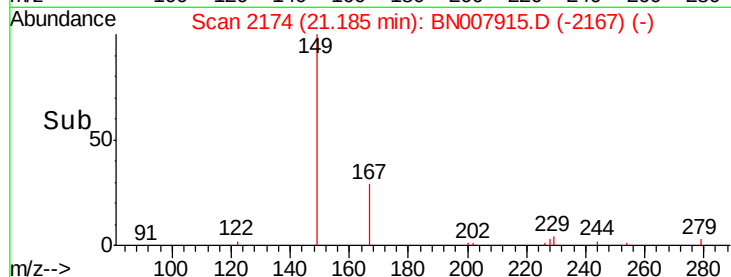
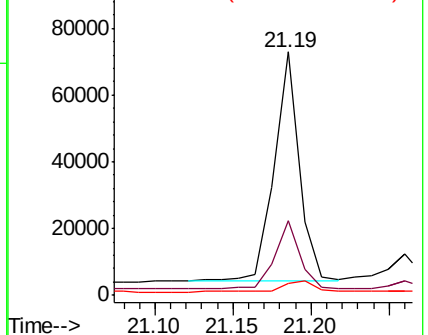
279 5.9 4.2 6.2



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: 2.620 ng

RT: 25.68 min Scan# 3246

Delta R.T. -0.02 min

Lab File: BN007915.D

Acq: 01 Oct 2019 03:23

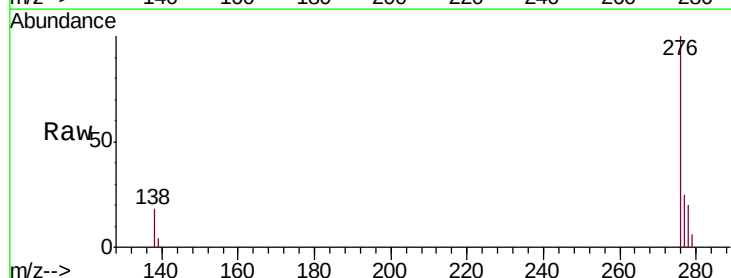
Tgt Ion:276 Resp: 466628

Ion Ratio Lower Upper

276 100

138 17.3 17.1 25.7

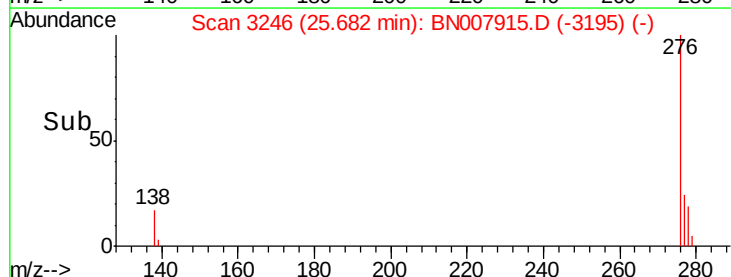
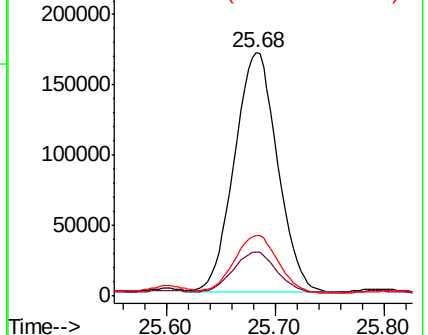
277 24.7 20.0 30.0



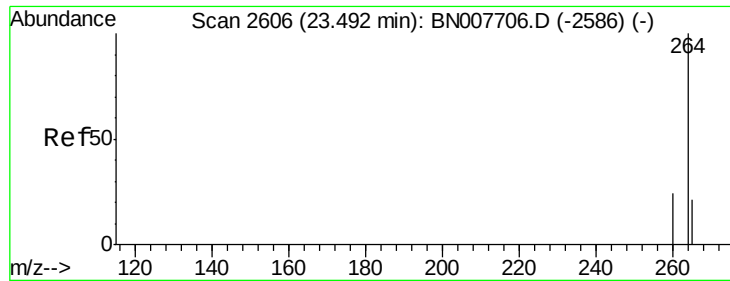
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



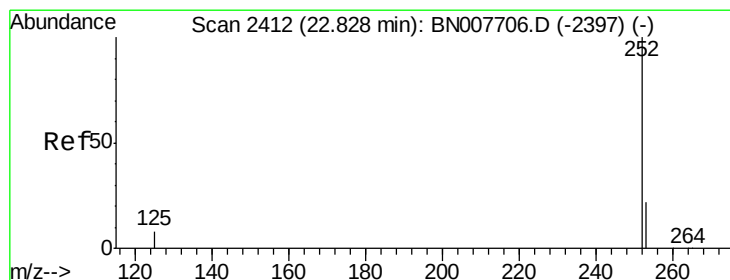
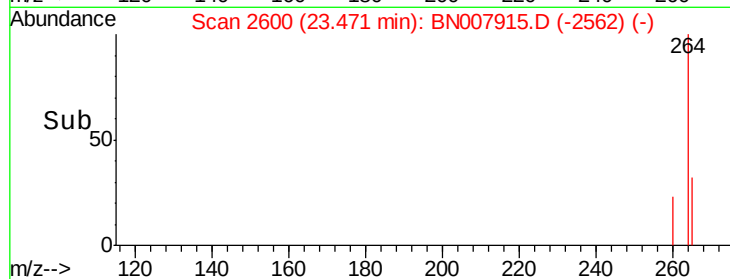
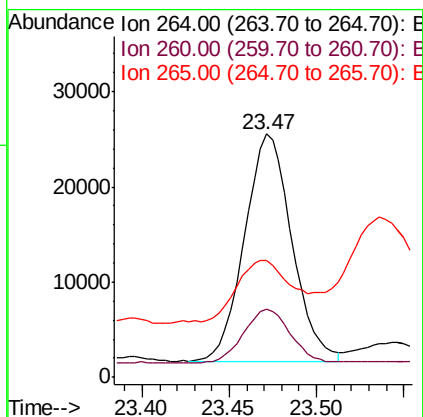
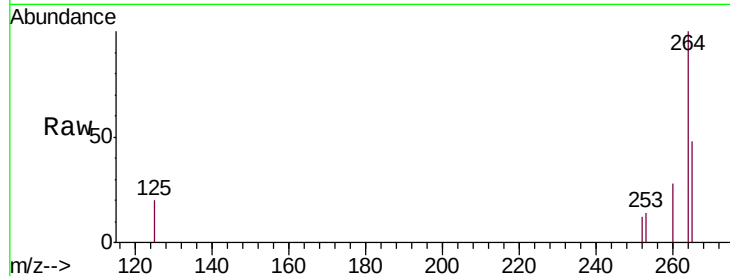




#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.47 min Scan# 2600  
 Delta R.T. -0.02 min  
 Lab File: BN007915.D  
 Acq: 01 Oct 2019 03:23

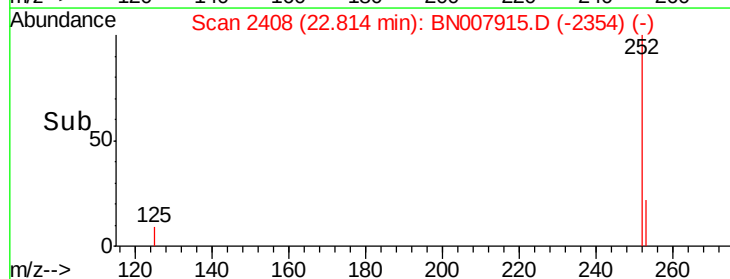
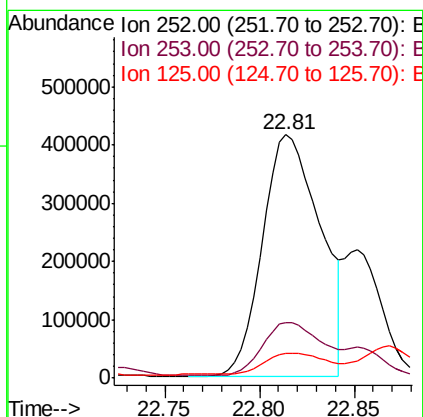
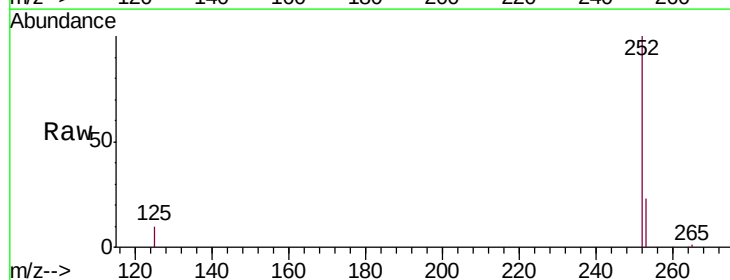
Instrument :  
 BNA\_N  
 ClientSampleId :  
 EXT-024-SW070-092519

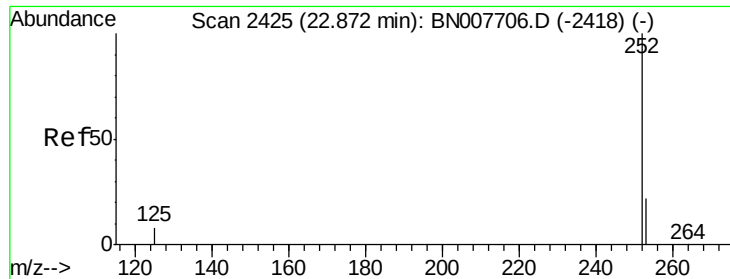
Tgt Ion: 264 Resp: 45080  
 Ion Ratio Lower Upper  
 264 100  
 260 28.0 19.3 28.9  
 265 47.9 26.9 40.3#



#35  
 Benzo(b)fluoranthene  
 Concen: 5.641 ng  
 RT: 22.81 min Scan# 2408  
 Delta R.T. -0.01 min  
 Lab File: BN007915.D  
 Acq: 01 Oct 2019 03:23

Tgt Ion: 252 Resp: 882763  
 Ion Ratio Lower Upper  
 252 100  
 253 23.0 18.3 27.5  
 125 9.9 8.2 12.4

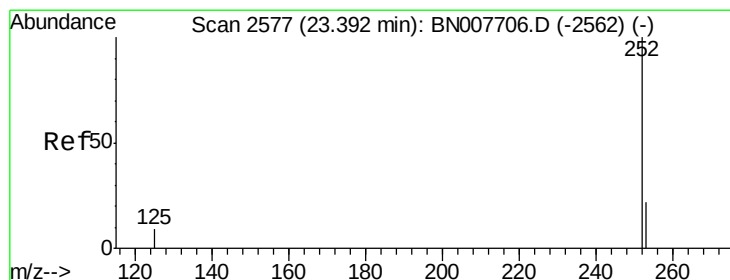
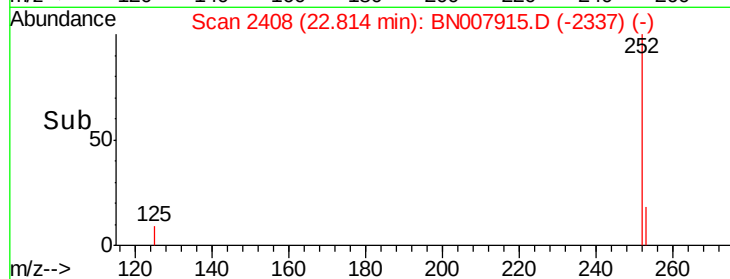
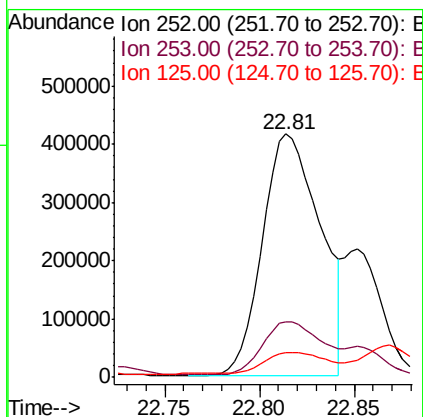
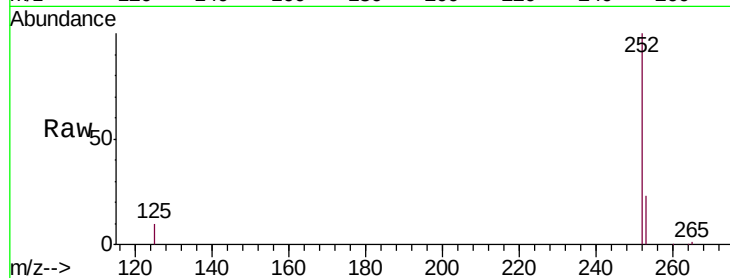




#36  
Benzo(k)fluoranthene  
Concen: 5.704 ng  
RT: 22.81 min Scan# 2408  
Delta R.T. -0.06 min  
Lab File: BN007915.D  
Acq: 01 Oct 2019 03:23

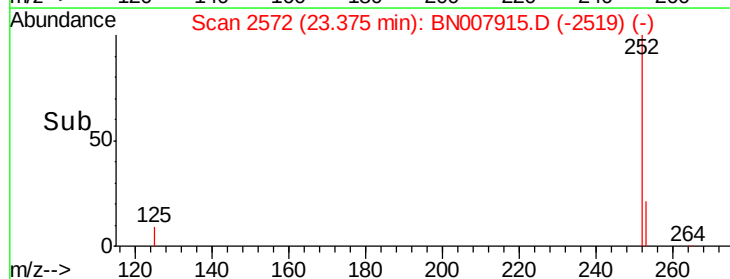
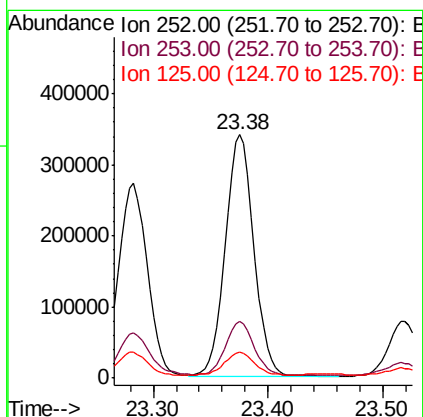
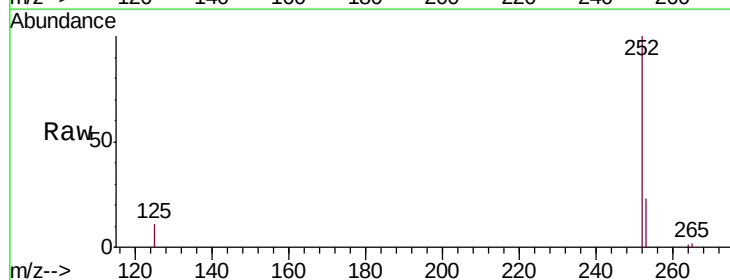
Instrument :  
BNA\_N  
ClientSampleId :  
EXT-024-SW070-092519

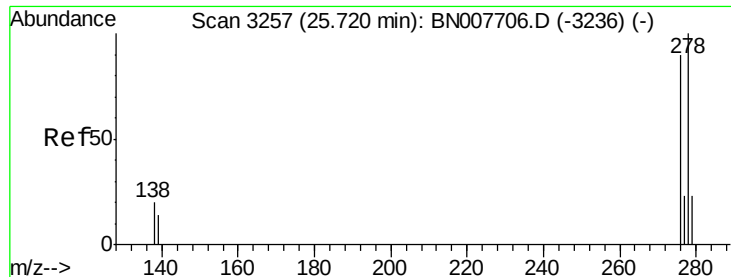
Tgt Ion: 252 Resp: 882763  
Ion Ratio Lower Upper  
252 100  
253 23.0 18.5 27.7  
125 9.9 8.4 12.6



#37  
Benzo(a)pyrene  
Concen: 4.019 ng  
RT: 23.38 min Scan# 2572  
Delta R.T. -0.02 min  
Lab File: BN007915.D  
Acq: 01 Oct 2019 03:23

Tgt Ion: 252 Resp: 591010  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.6 27.8  
125 10.6 9.4 14.0





#38

Dibenzo(a,h)anthracene

Concen: 0.729 ng

RT: 25.69 min Scan# 3248

Delta R.T. -0.03 min

Lab File: BN007915.D

Acq: 01 Oct 2019 03:23

Instrument :

BNA\_N

ClientSampleId :

EXT-024-SW070-092519

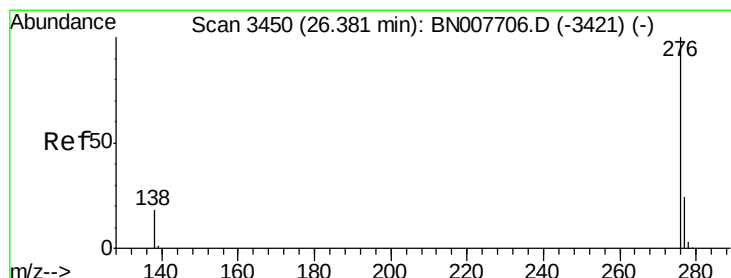
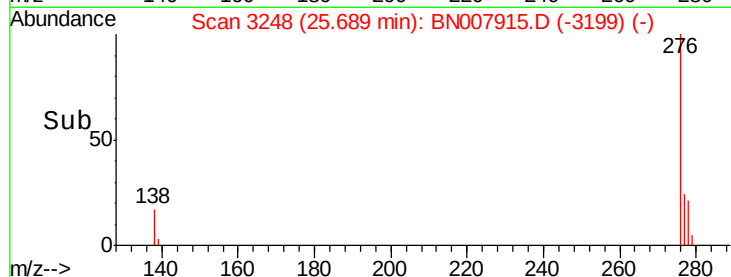
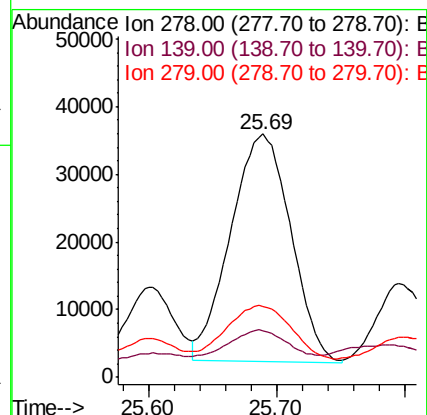
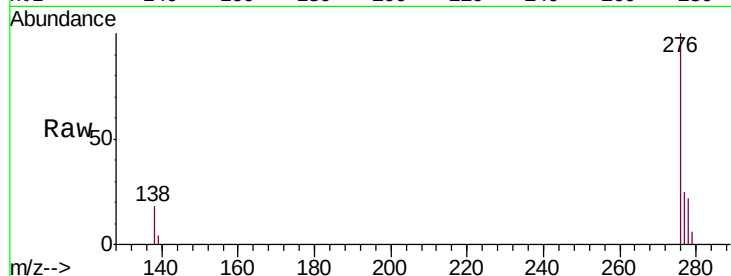
Tgt Ion: 278 Resp: 109740

Ion Ratio Lower Upper

278 100

139 19.2 11.8 17.6#

279 29.3 19.4 29.2#



#39

Benzo(g,h,i)perylene

Concen: 3.260 ng

RT: 26.36 min Scan# 3443

Delta R.T. -0.02 min

Lab File: BN007915.D

Acq: 01 Oct 2019 03:23

Tgt Ion: 276 Resp: 485438

Ion Ratio Lower Upper

276 100

277 24.6 19.8 29.8

138 18.8 15.1 22.7

