

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\  
 Data File : BN007709.D  
 Acq On : 18 Sep 2019 17:12  
 Operator : HP/JU  
 Sample : SSTDICC3.2  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :

Quant Time: Sep 18 17:49:57 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 16:39:13 2019  
 Response via : Initial Calibration

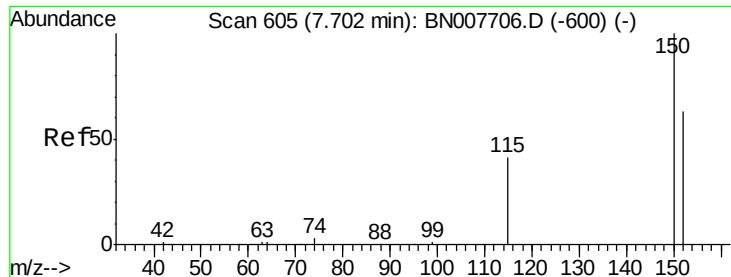
| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.70  | 152  | 5407     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.47 | 136  | 22416    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.32 | 164  | 13128    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.07 | 188  | 31029    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.27 | 240  | 36324    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.49 | 264  | 38590    | 0.40 | ng    | 0.00     |

|                             |       |     |        |      |    |      |
|-----------------------------|-------|-----|--------|------|----|------|
| System Monitoring Compounds |       |     |        |      |    |      |
| 4) 2-Fluorophenol           | 5.32  | 112 | 52713  | 3.20 | ng | 0.00 |
| 5) Phenol-d6                | 6.87  | 99  | 70389  | 2.78 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.83  | 82  | 63606  | 4.66 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.06 | 152 | 124385 | 3.22 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.82 | 330 | 22162  | 4.44 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 12.94 | 172 | 174175 | 3.21 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.11 | 212 | 342435 | 3.40 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.71 | 244 | 284064 | 3.01 | ng | 0.00 |

|                                |       |     |        |        |    |       |
|--------------------------------|-------|-----|--------|--------|----|-------|
| Target Compounds               |       |     |        | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.30  | 88  | 22751  | 3.989  | ng | 90    |
| 3) n-Nitrosodimethylamine      | 3.01  | 42  | 1744   | 0.540  | ng | 94    |
| 6) bis(2-Chloroethyl)ether     | 7.14  | 93  | 54553  | 5.115  | ng | 91    |
| 9) Naphthalene                 | 10.52 | 128 | 202006 | 3.204  | ng | 99    |
| 10) Hexachlorobutadiene        | 10.82 | 225 | 41737  | 3.301  | ng | # 100 |
| 12) 2-Methylnaphthalene        | 12.14 | 142 | 141188 | 3.195  | ng | 99    |
| 16) Acenaphthylene             | 14.05 | 152 | 232578 | 3.299  | ng | 100   |
| 17) Acenaphthene               | 14.39 | 154 | 147532 | 3.312  | ng | 99    |
| 18) Fluorene                   | 15.37 | 166 | 188919 | 3.221  | ng | 100   |
| 20) 4-Bromophenyl-phenylether  | 16.27 | 248 | 61586  | 3.357  | ng | 98    |
| 21) Hexachlorobenzene          | 16.39 | 284 | 66905  | 3.467  | ng | 99    |
| 22) Pentachlorophenol          | 16.73 | 266 | 27286  | 5.087  | ng | 98    |
| 23) Phenanthrene               | 17.11 | 178 | 314671 | 3.286  | ng | 100   |
| 24) Anthracene                 | 17.20 | 178 | 294004 | 3.328  | ng | 100   |
| 26) Fluoranthene               | 19.14 | 202 | 391152 | 3.366  | ng | 100   |
| 28) Pyrene                     | 19.50 | 202 | 393563 | 3.015  | ng | 100   |
| 30) Benzo(a)anthracene         | 21.25 | 228 | 435276 | 3.349  | ng | 99    |
| 31) Chrysene                   | 21.30 | 228 | 421769 | 3.194  | ng | 99    |
| 32) Bis(2-ethylhexyl)phthalate | 21.21 | 149 | 207660 | 4.669  | ng | 99    |
| 33) Indeno(1,2,3-cd)pyrene     | 25.71 | 276 | 511941 | 3.667  | ng | 100   |
| 35) Benzo(b)fluoranthene       | 22.83 | 252 | 441938 | 3.221  | ng | 97    |
| 36) Benzo(k)fluoranthene       | 22.87 | 252 | 423193 | 3.121  | ng | 97    |
| 37) Benzo(a)pyrene             | 23.39 | 252 | 408277 | 3.346  | ng | 97    |
| 38) Dibenzo(a,h)anthracene     | 25.72 | 278 | 417099 | 3.405  | ng | 99    |
| 39) Benzo(g,h,i)perylene       | 26.38 | 276 | 413372 | 3.332  | ng | 99    |

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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 605

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA\_E

ClientSampleId :

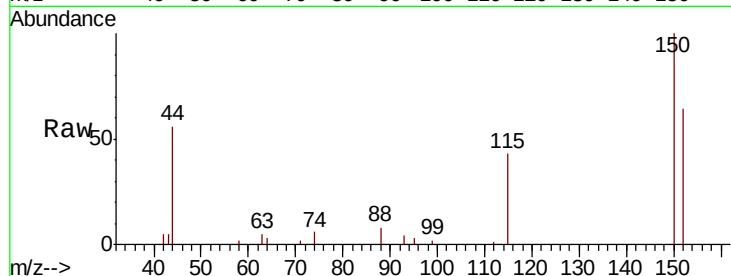
Tot Ion:152 Resp: 5407

Ion Ratio Lower Upper

152 100

150 155.8 125.6 188.4

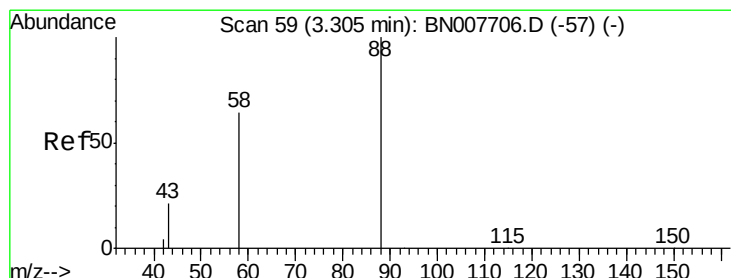
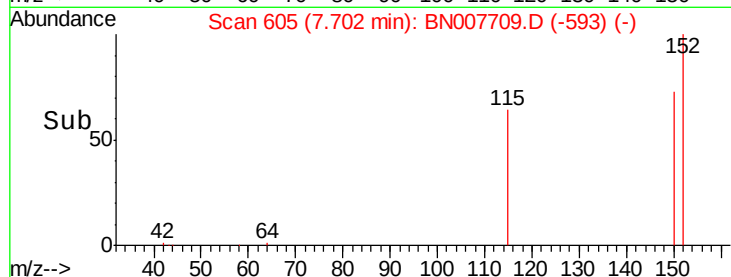
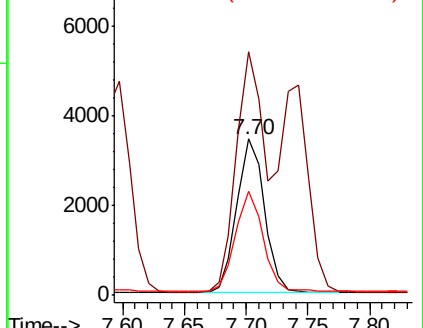
115 66.4 53.3 79.9



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



#2

1,4-Dioxane

Concen: 3.989 ng

RT: 3.30 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

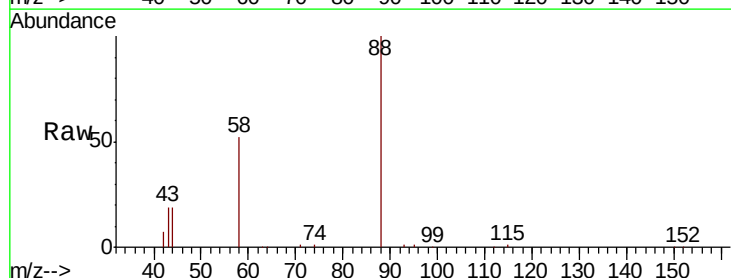
Tgt Ion: 88 Resp: 22751

Ion Ratio Lower Upper

88 100

58 63.4 44.6 66.8

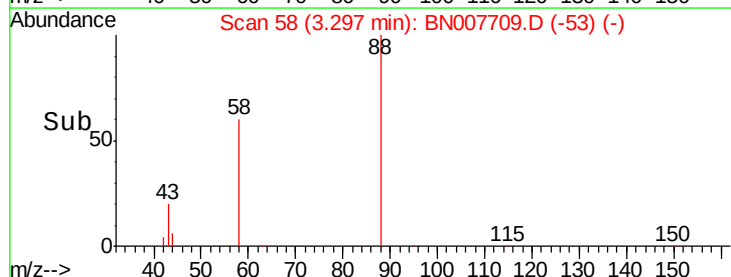
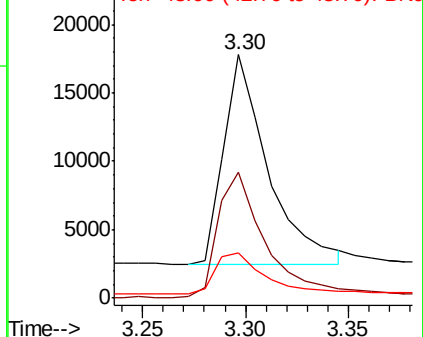
43 21.5 14.4 21.6

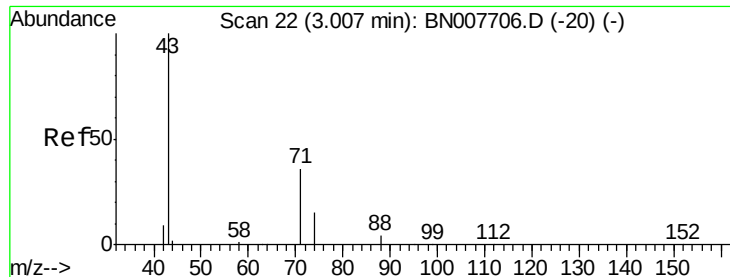


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC

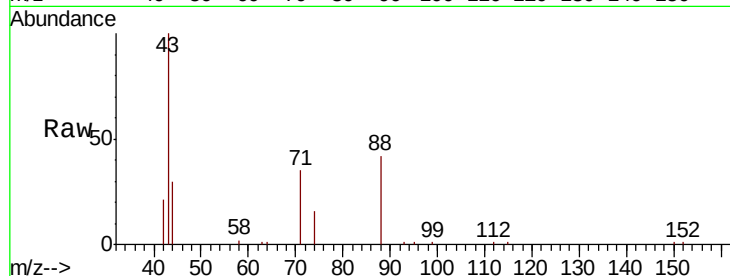




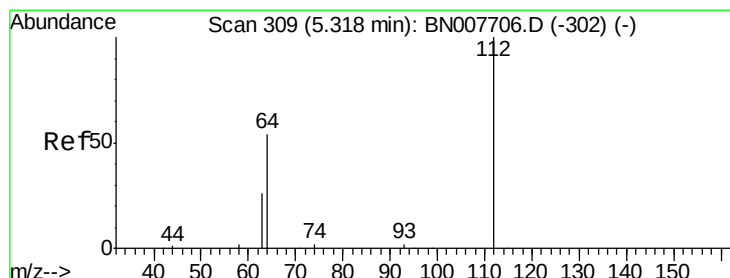
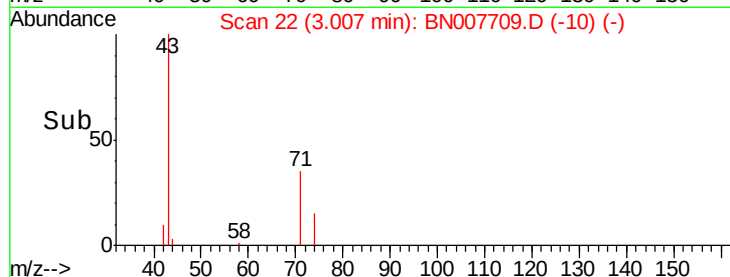
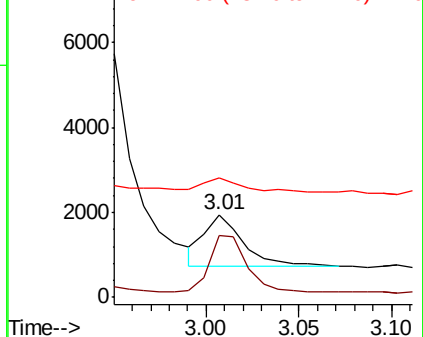
#3  
 n-Nitrosodimethylamine  
 Concen: 0.540 ng  
 RT: 3.01 min Scan# 22  
 Delta R.T. -0.00 min  
 Lab File: BN007709.D  
 Acq: 18 Sep 2019 17:12

Instrument :  
 BNA\_E  
 ClientSampleID :

Tot Ion: 42 Resp: 1744  
 Ion Ratio Lower Upper  
 42 100  
 74 106.3 87.9 131.9  
 44 29.6 29.4 44.0

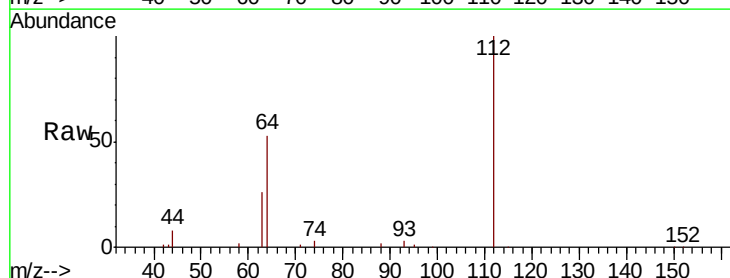


Abundance Ion 42.00 (41.70 to 42.70): BNC  
 Ion 74.00 (73.70 to 74.70): BNC  
 Ion 44.00 (43.70 to 44.70): BNC

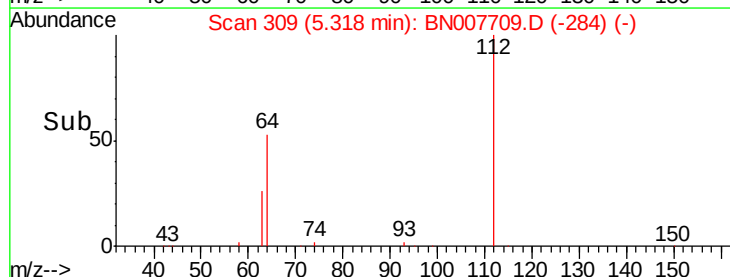
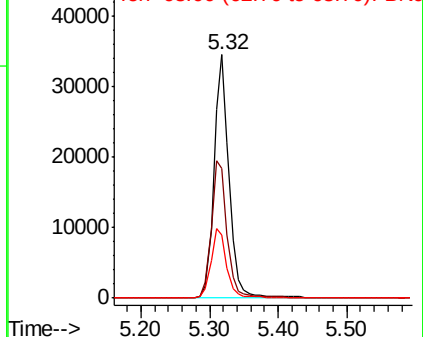


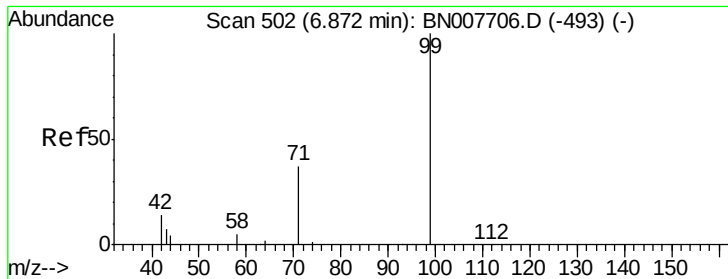
#4  
 2-Fluorophenol  
 Concen: 3.201 ng  
 RT: 5.32 min Scan# 309  
 Delta R.T. -0.00 min  
 Lab File: BN007709.D  
 Acq: 18 Sep 2019 17:12

Tgt Ion: 112 Resp: 52713  
 Ion Ratio Lower Upper  
 112 100  
 64 59.6 46.6 70.0  
 63 29.5 23.1 34.7



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: 2.785 ng

RT: 6.87 min Scan# 502

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA\_E

ClientSampleId :

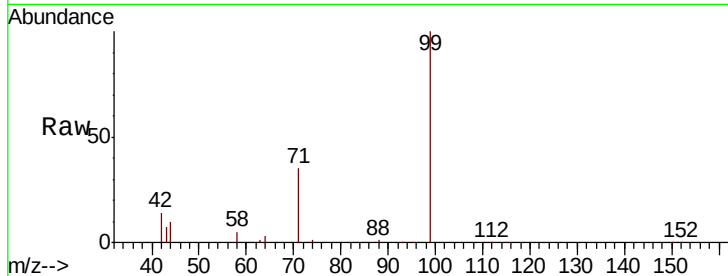
Tot Ion: 99 Resp: 70389

Ion Ratio Lower Upper

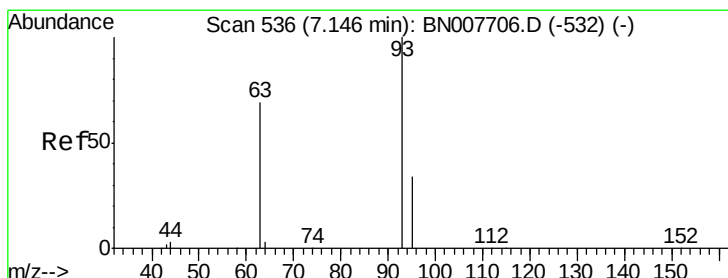
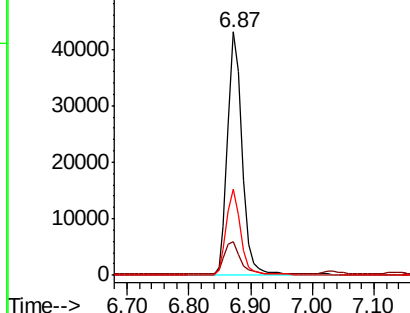
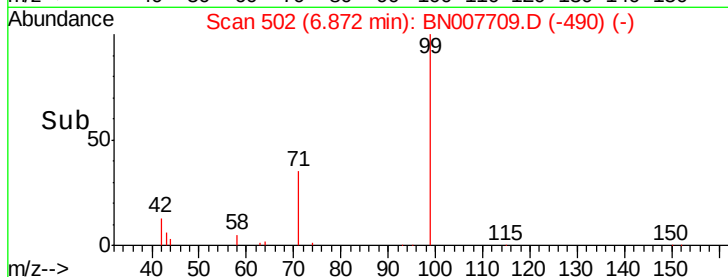
99 100

42 14.4 12.8 19.2

71 34.8 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN0  
Ion 42.00 (41.70 to 42.70): BN0  
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 5.115 ng

RT: 7.14 min Scan# 535

Delta R.T. -0.01 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

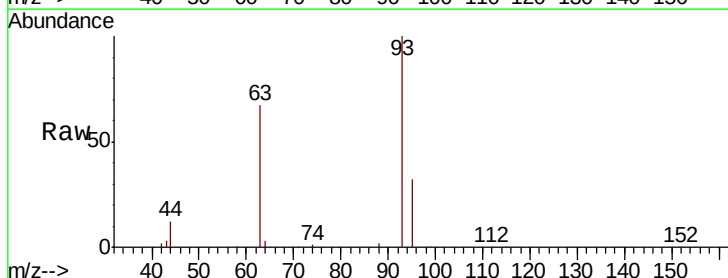
Tgt Ion: 93 Resp: 54553

Ion Ratio Lower Upper

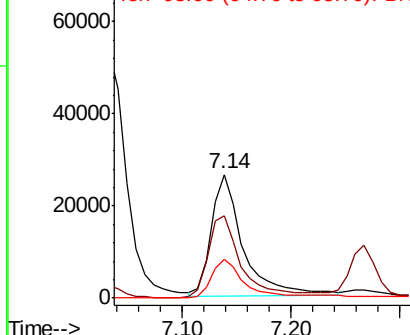
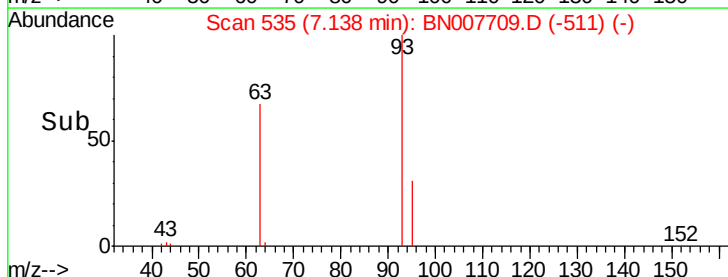
93 100

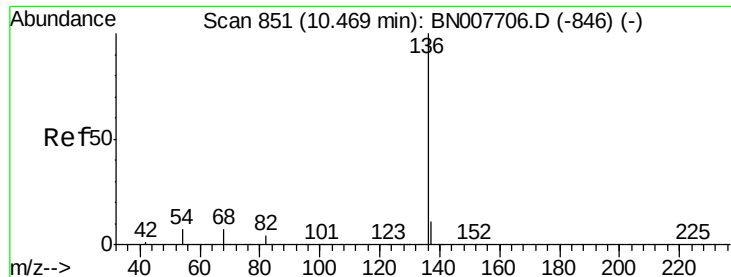
63 68.5 59.3 88.9

95 31.4 31.4 47.0



Abundance Ion 93.00 (92.70 to 93.70): BN0  
Ion 63.00 (62.70 to 63.70): BN0  
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA\_E

ClientSampleId :

Tot Ion:136 Resp: 22416

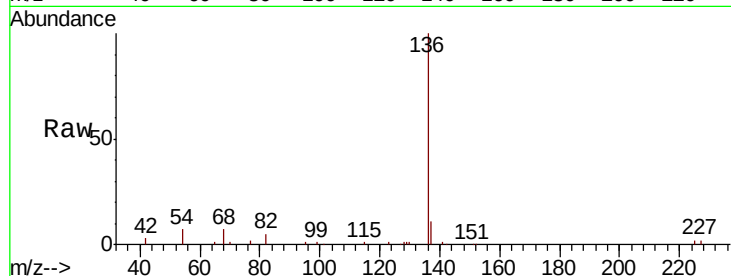
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.8 5.8 8.8

68 7.4 6.5 9.7

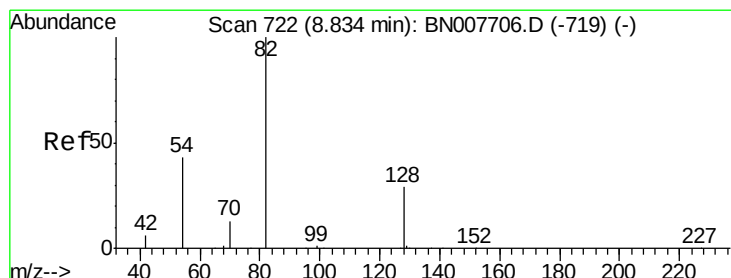
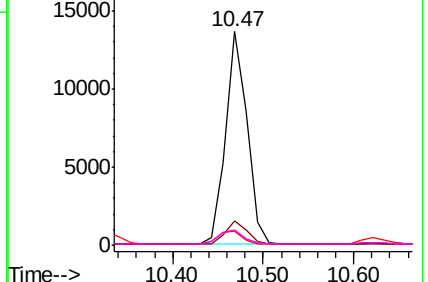
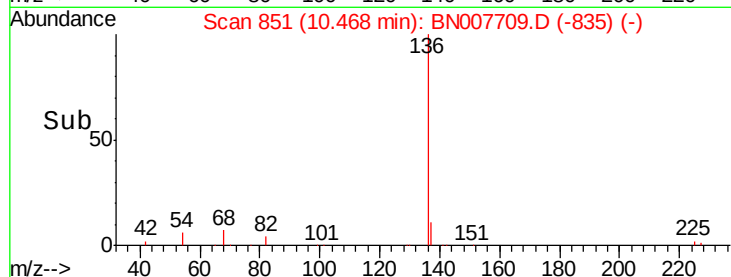


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.658 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

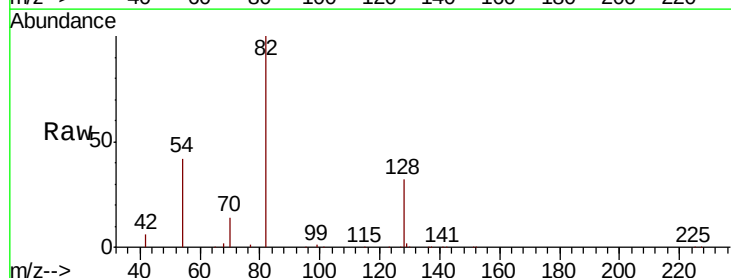
Tgt Ion: 82 Resp: 63606

Ion Ratio Lower Upper

82 100

128 31.6 24.5 36.7

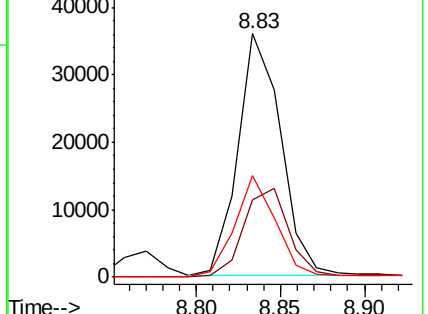
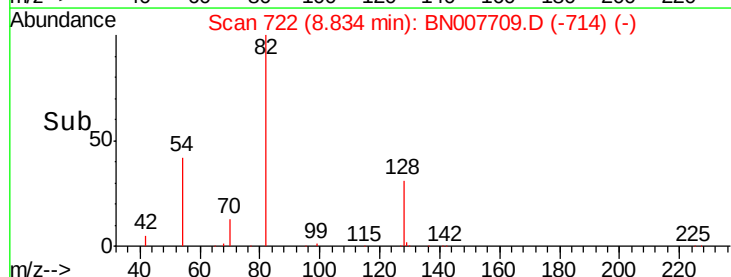
54 41.7 35.2 52.8

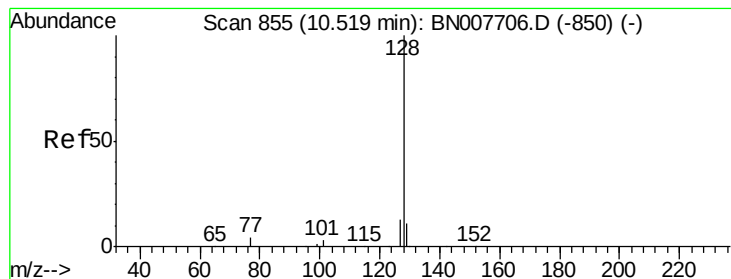


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 3.204 ng

RT: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA\_E

ClientSampleId :

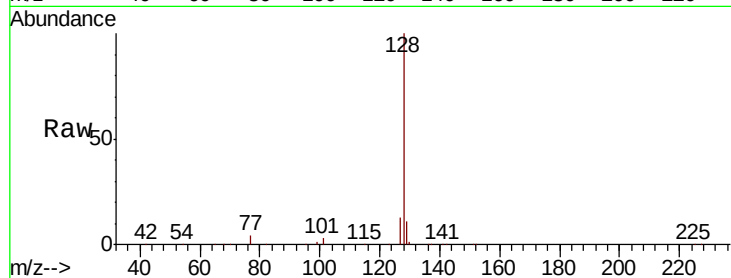
Tot Ion:128 Resp: 202006

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

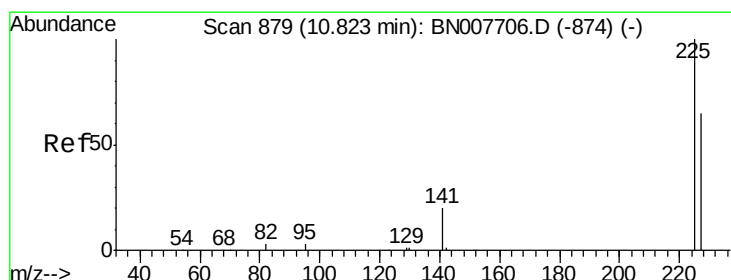
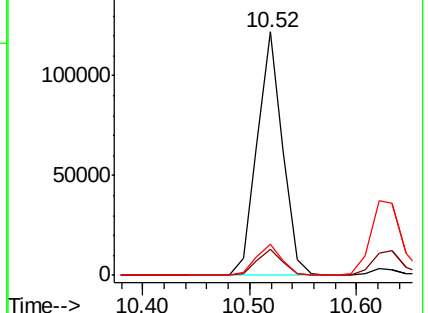
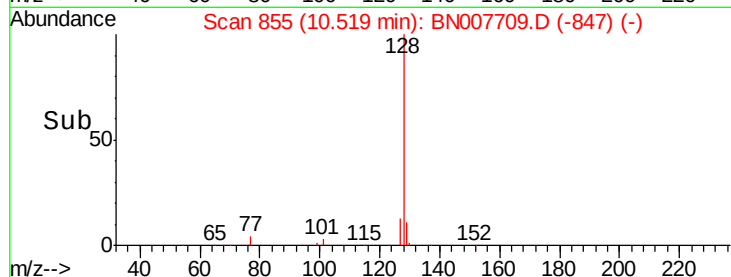
127 13.0 10.6 15.8



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



#10

Hexachlorobutadiene

Concen: 3.301 ng

RT: 10.82 min Scan# 879

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

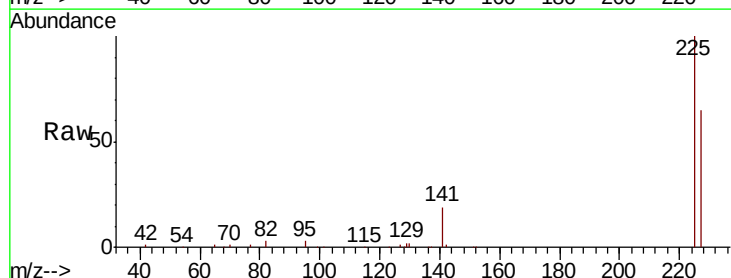
Tgt Ion:225 Resp: 41737

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

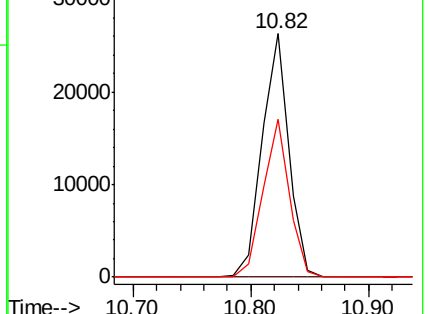
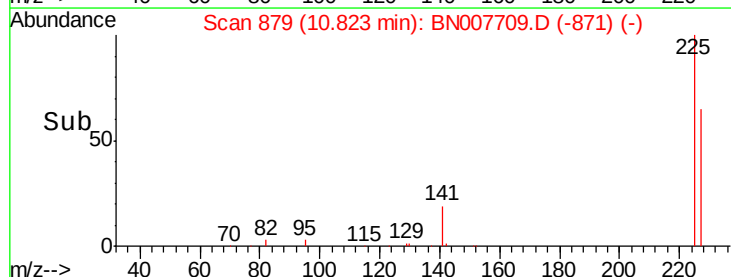
227 63.9 51.2 76.8

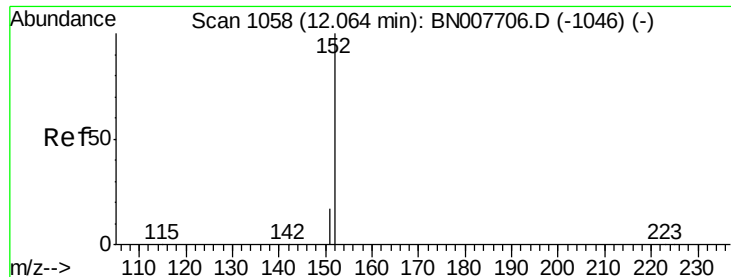


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

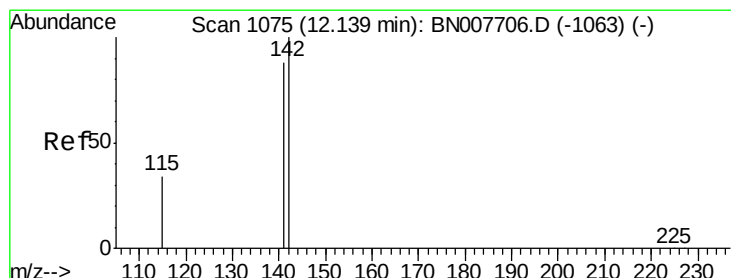
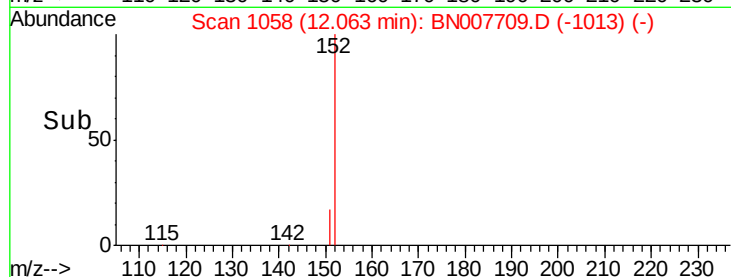
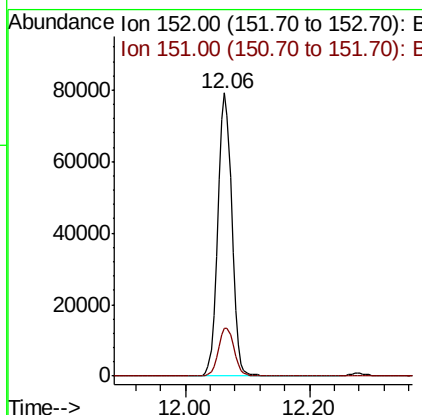
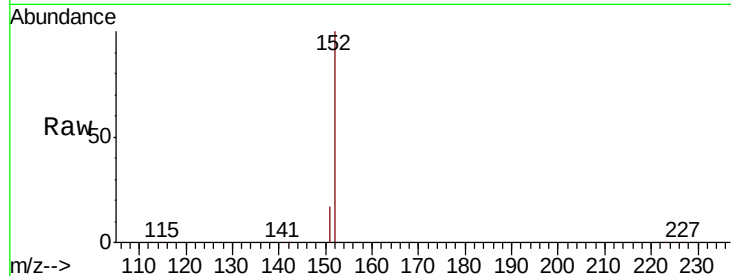




#11  
 2-Methylnaphthalene-d10  
 Concen: 3.215 ng  
 RT: 12.06 min Scan# 1058  
 Delta R.T. -0.00 min  
 Lab File: BN007709.D  
 Acq: 18 Sep 2019 17:12

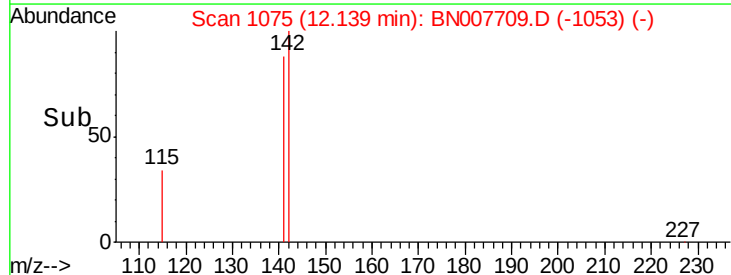
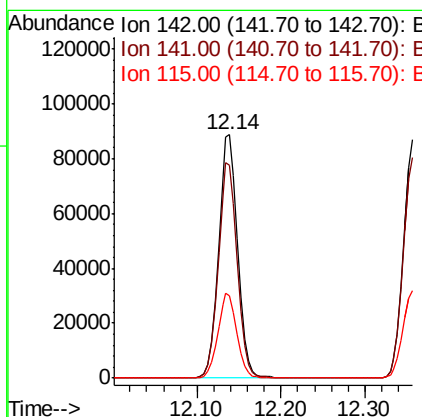
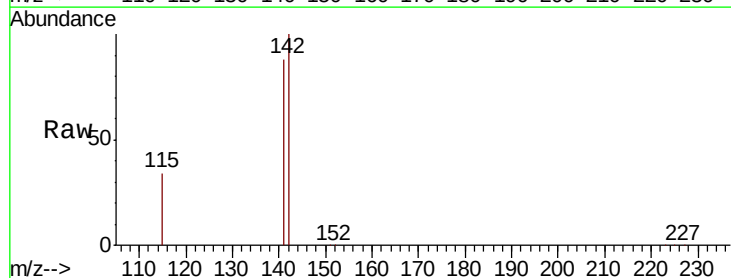
Instrument :  
 BNA\_E  
 ClientSampleId :

Tot Ion:152 Resp: 124385  
 Ion Ratio Lower Upper  
 152 100  
 151 19.0 15.4 23.2

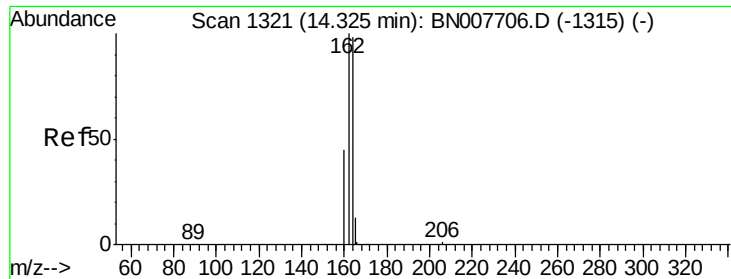


#12  
 2-Methylnaphthalene  
 Concen: 3.195 ng  
 RT: 12.14 min Scan# 1075  
 Delta R.T. -0.00 min  
 Lab File: BN007709.D  
 Acq: 18 Sep 2019 17:12

Tgt Ion:142 Resp: 141188  
 Ion Ratio Lower Upper  
 142 100  
 141 87.6 70.6 106.0  
 115 34.1 28.3 42.5



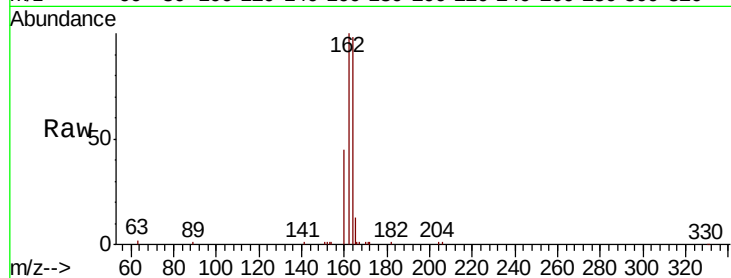




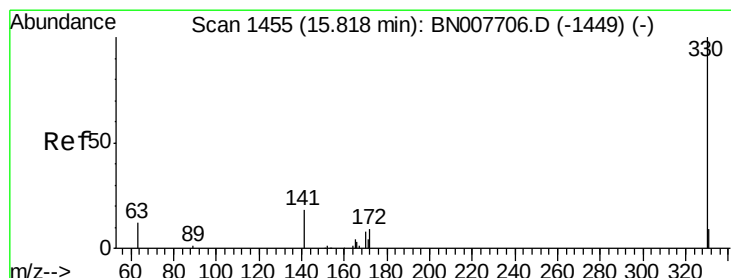
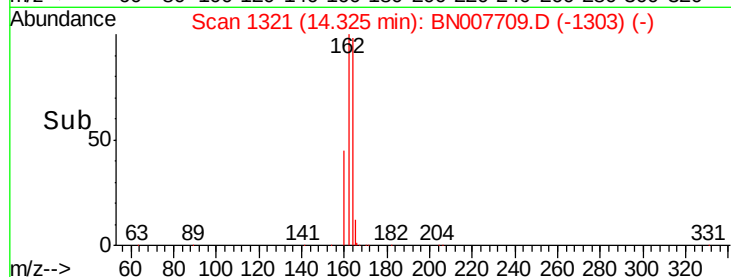
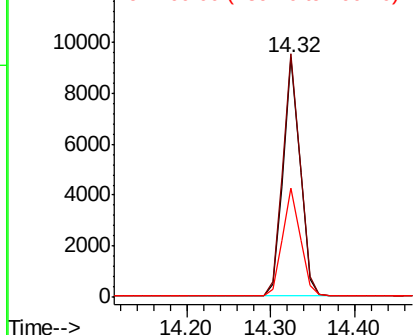
#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.32 min Scan# 1321  
Delta R.T. -0.00 min  
Lab File: BN007709.D  
Acq: 18 Sep 2019 17:12

Instrument :  
BNA\_E  
ClientSampleId :

Tot Ion:164 Resp: 13128  
Ion Ratio Lower Upper  
164 100  
162 101.7 81.7 122.5  
160 45.9 37.0 55.4

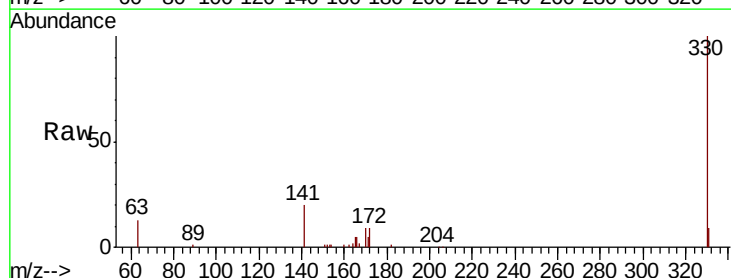


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

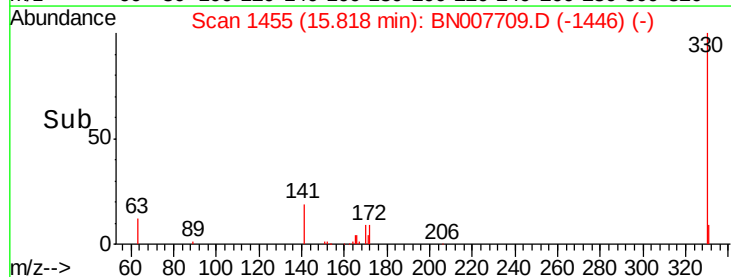
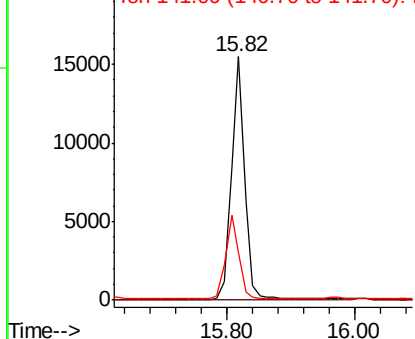


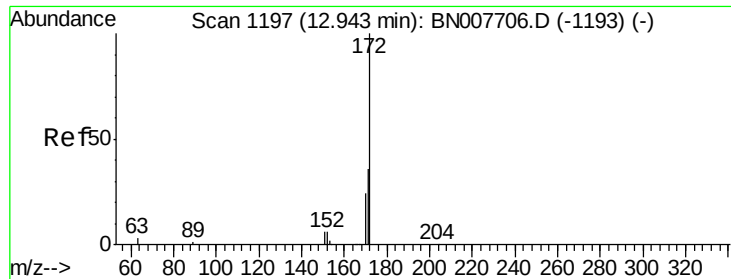
#14  
2,4,6-Tribromophenol  
Concen: 4.442 ng  
RT: 15.82 min Scan# 1455  
Delta R.T. -0.00 min  
Lab File: BN007709.D  
Acq: 18 Sep 2019 17:12

Tgt Ion:330 Resp: 22162  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 34.6 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

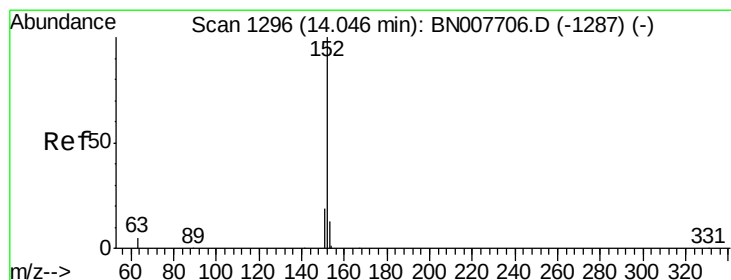
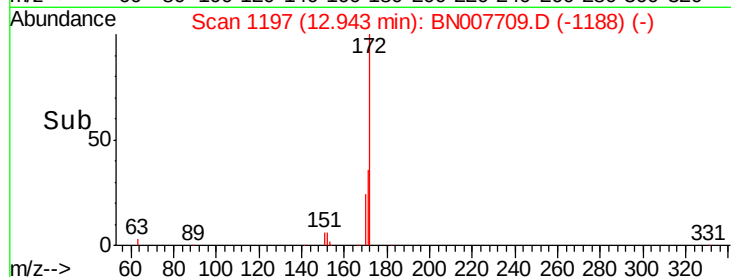
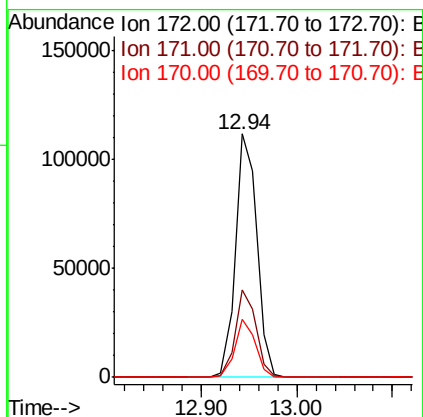
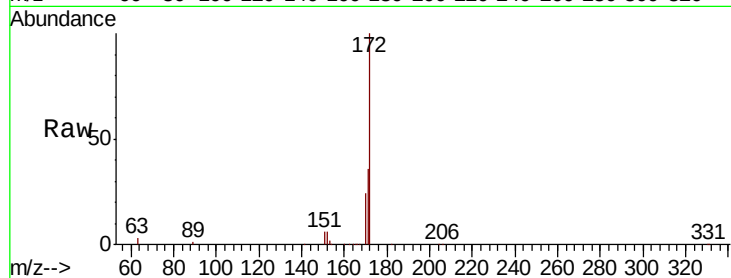




#15  
2-Fluorobiphenyl  
Concen: 3.210 ng  
RT: 12.94 min Scan# 1197  
Delta R.T. -0.00 min  
Lab File: BN007709.D  
Acq: 18 Sep 2019 17:12

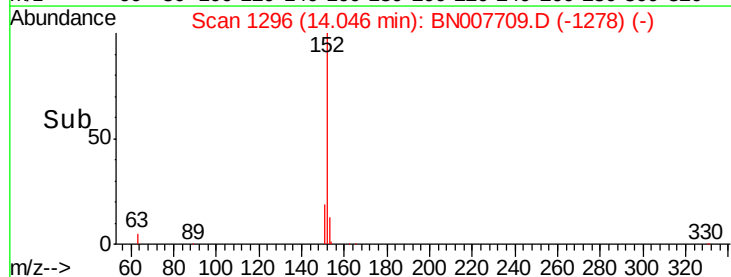
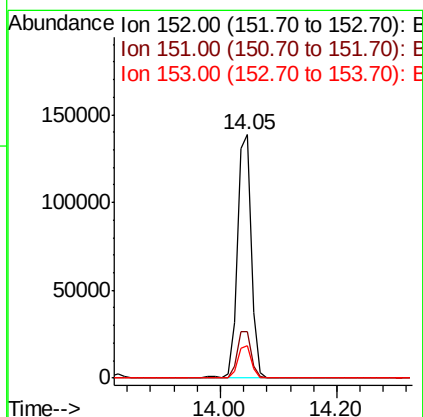
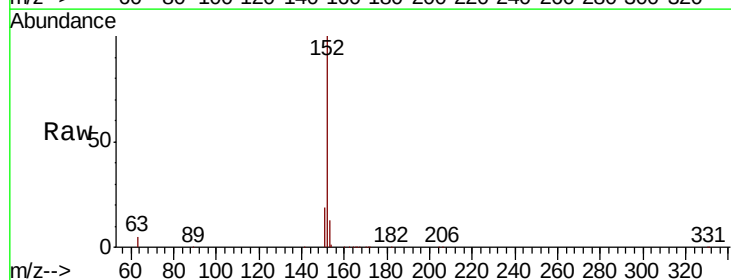
Instrument :  
BNA\_E  
ClientSampled :

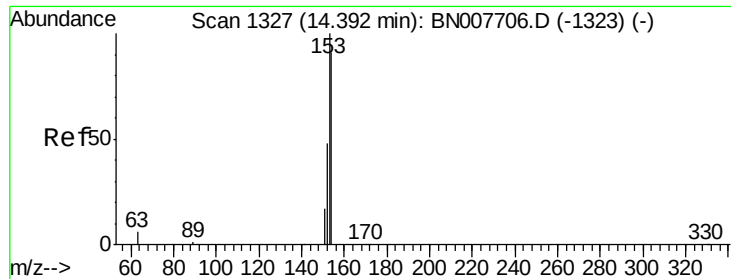
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.7  | 28.8  | 43.2  |
| 170     | 24.0  | 19.5  | 29.3  |



#16  
Acenaphthylene  
Concen: 3.299 ng  
RT: 14.05 min Scan# 1296  
Delta R.T. -0.00 min  
Lab File: BN007709.D  
Acq: 18 Sep 2019 17:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.5  | 15.5  | 23.3  |
| 153     | 13.1  | 10.4  | 15.6  |

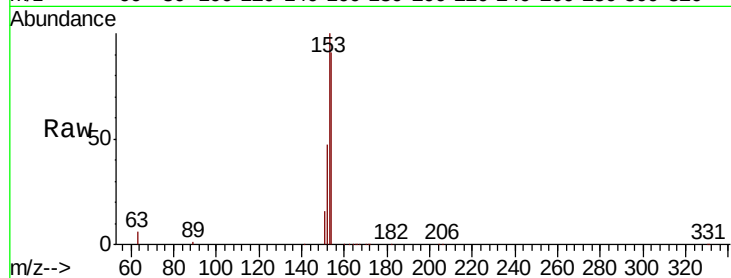




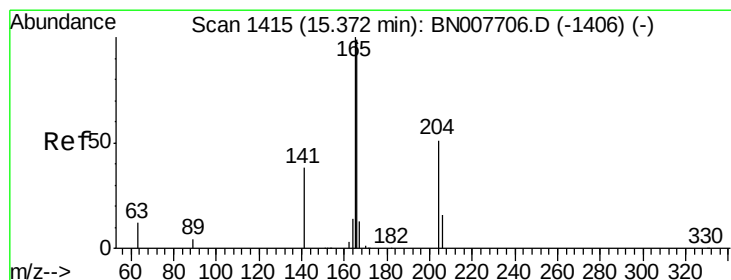
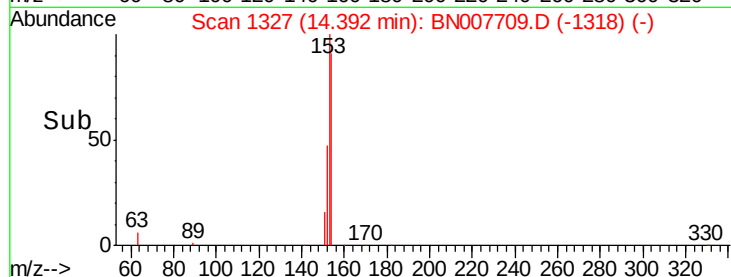
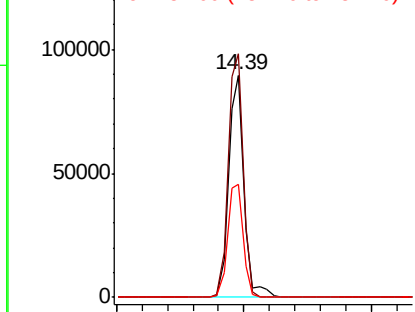
#17  
Acenaphthene  
Concen: 3.312 ng  
RT: 14.39 min Scan# 1327  
Delta R.T. -0.00 min  
Lab File: BN007709.D  
Acq: 18 Sep 2019 17:12

Instrument :  
BNA\_E  
ClientSampleId :

Tot Ion:154 Resp: 147532  
Ion Ratio Lower Upper  
154 100  
153 107.4 87.0 130.4  
152 52.0 42.7 64.1

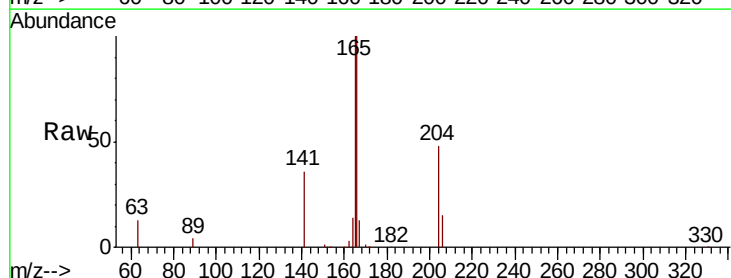


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

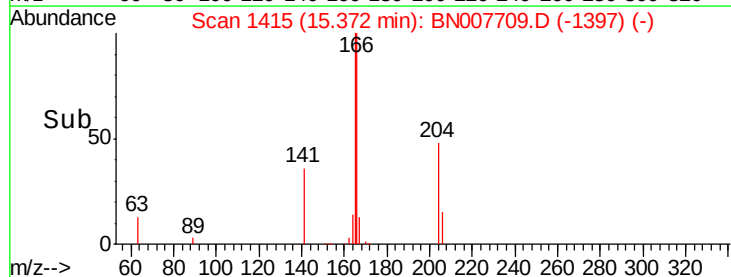
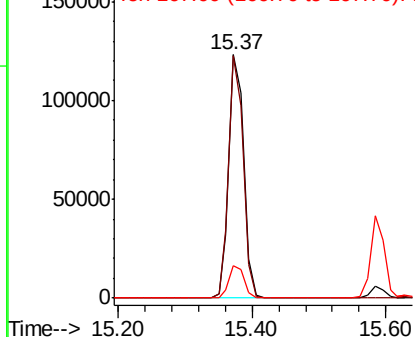


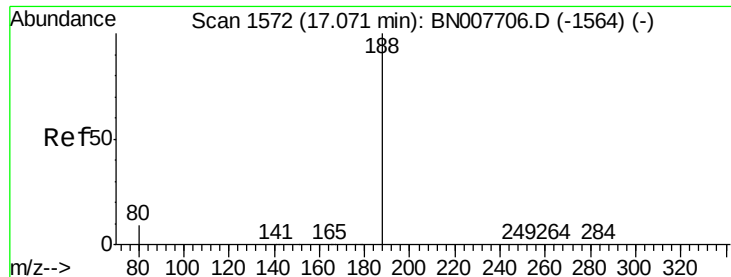
#18  
Fluorene  
Concen: 3.221 ng  
RT: 15.37 min Scan# 1415  
Delta R.T. -0.00 min  
Lab File: BN007709.D  
Acq: 18 Sep 2019 17:12

Tgt Ion:166 Resp: 188919  
Ion Ratio Lower Upper  
166 100  
165 97.4 78.0 117.0  
167 13.4 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: 17.07 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA\_E

ClientSampleId :

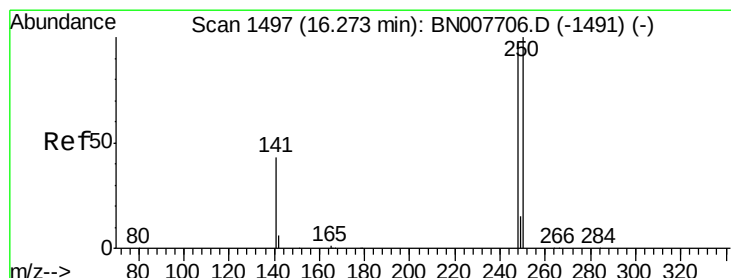
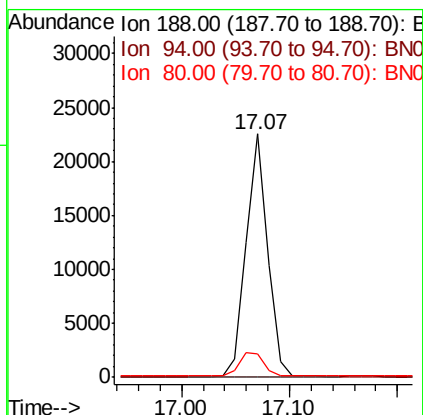
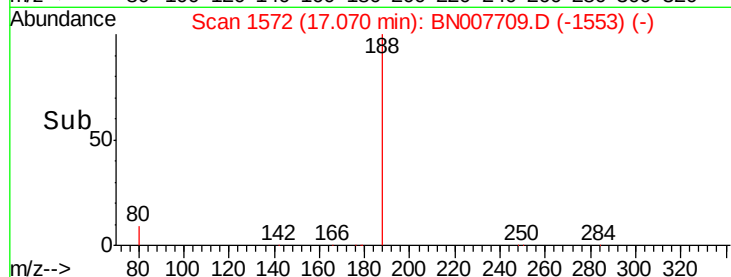
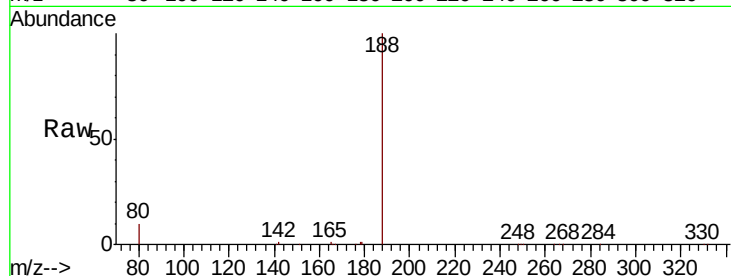
Tot Ion:188 Resp: 31029

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.6 7.4 11.2



#20

4-Bromophenyl-phenylether

Concen: 3.357 ng

RT: 16.27 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

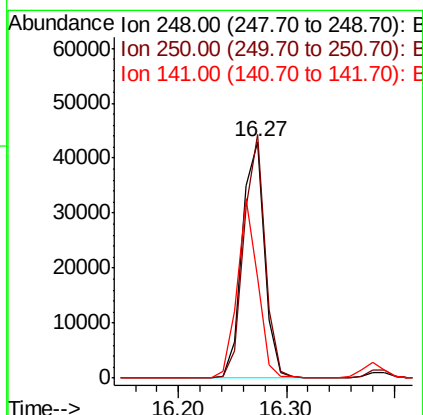
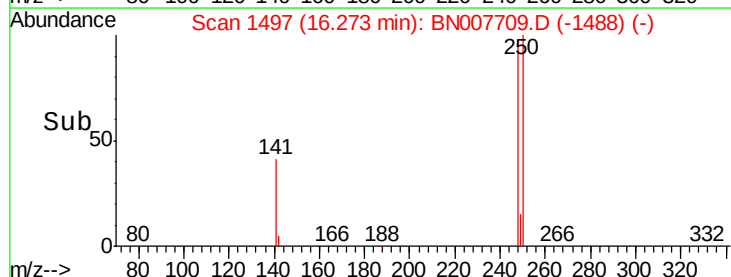
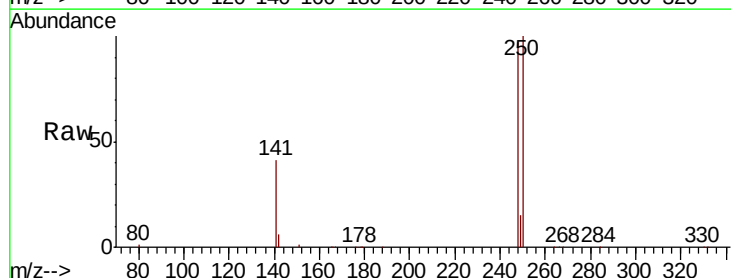
Tgt Ion:248 Resp: 61586

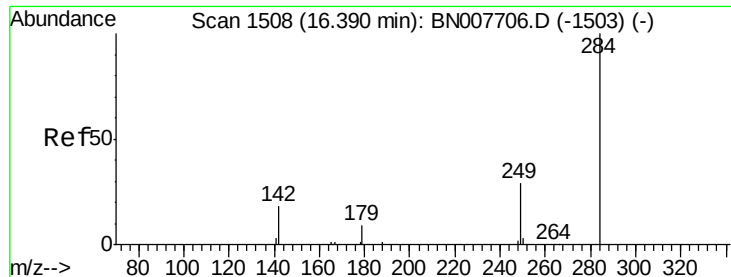
Ion Ratio Lower Upper

248 100

250 103.2 82.2 123.4

141 42.6 36.3 54.5





#21

Hexachlorobenzene

Concen: 3.467 ng

RT: 16.39 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA\_E

ClientSampleId :

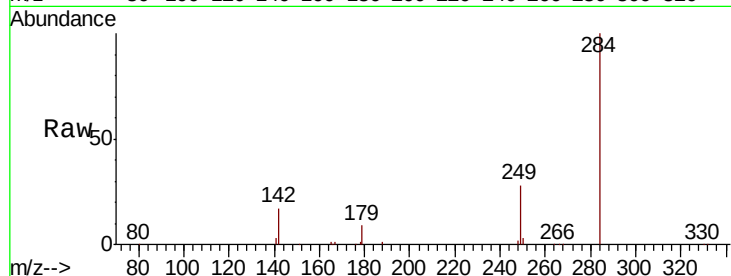
Tot Ion:284 Resp: 66905

Ion Ratio Lower Upper

284 100

142 32.3 25.8 38.6

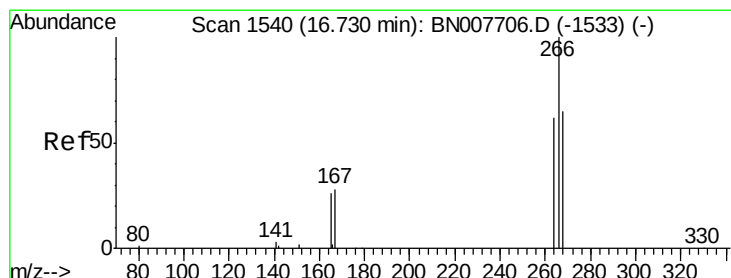
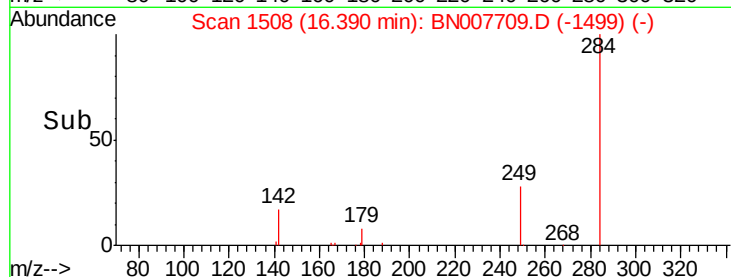
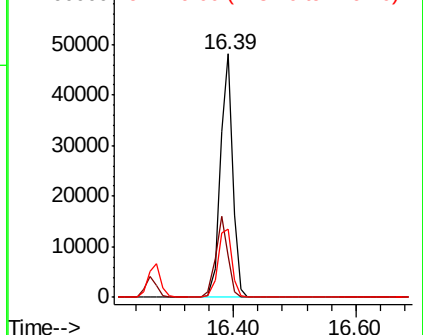
249 31.5 25.9 38.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 5.087 ng

RT: 16.73 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

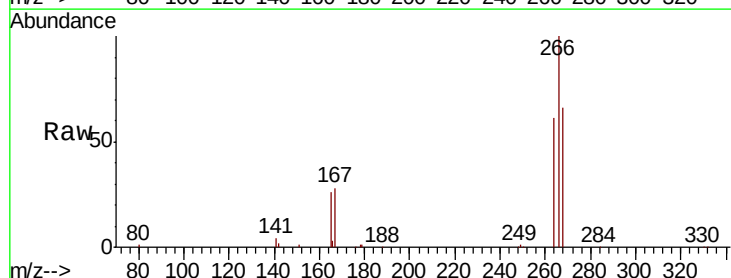
Tgt Ion:266 Resp: 27286

Ion Ratio Lower Upper

266 100

264 60.6 50.0 75.0

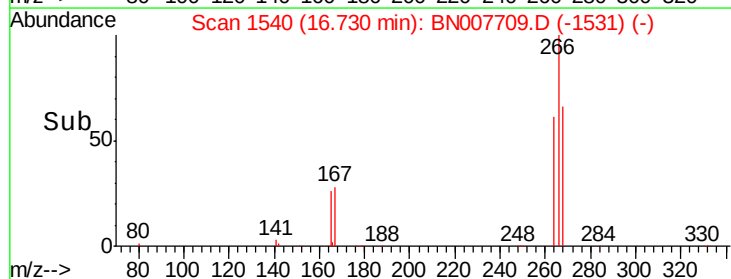
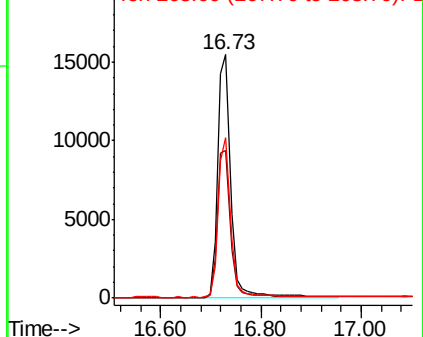
268 65.8 54.2 81.4

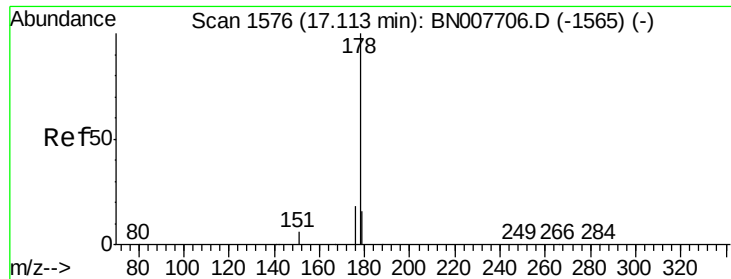


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.286 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA\_E

ClientSampleId :

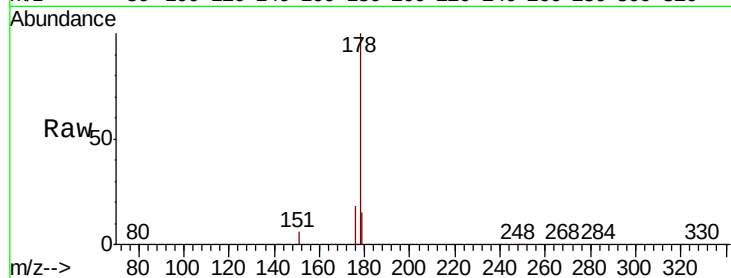
Tot Ion:178 Resp: 314671

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

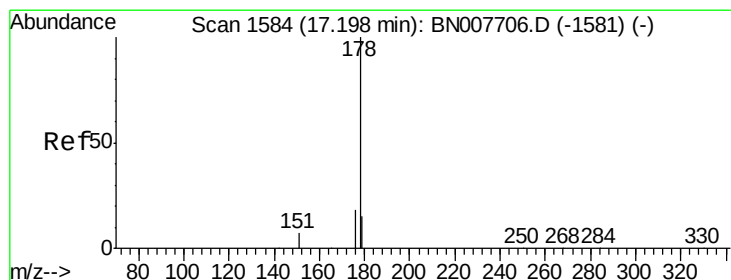
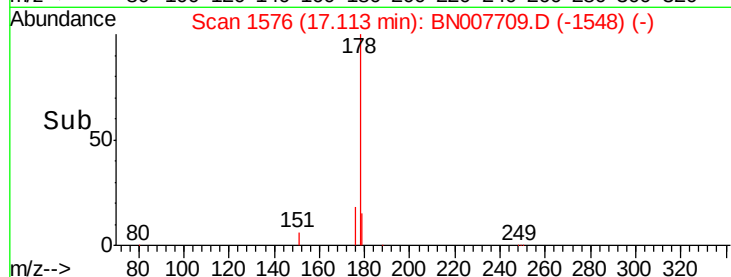
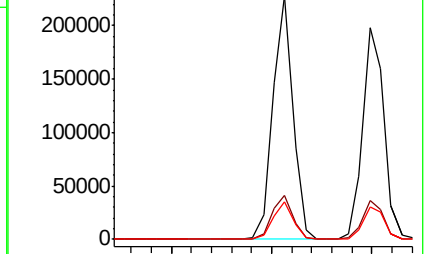
179 15.3 12.5 18.7



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: 3.328 ng

RT: 17.20 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

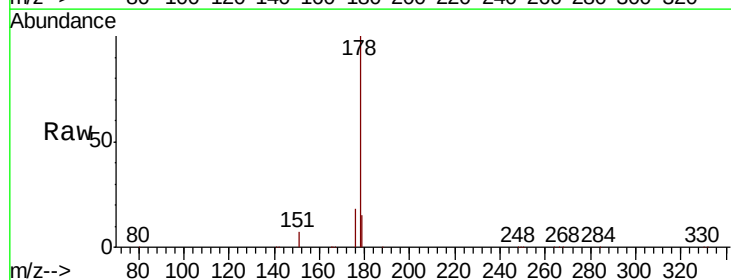
Tgt Ion:178 Resp: 294004

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

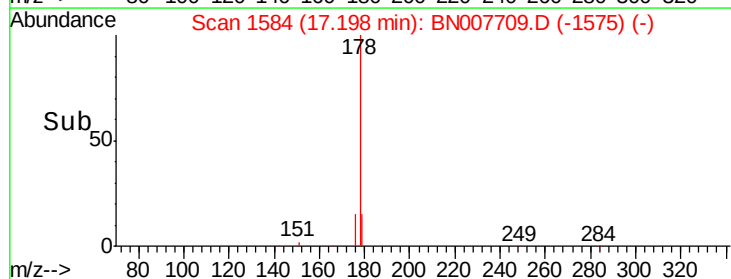
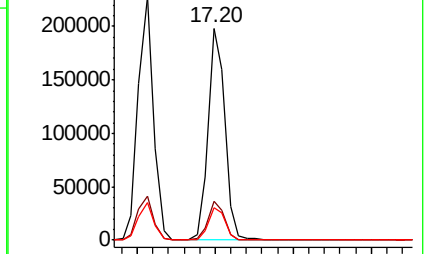
179 15.3 12.2 18.4

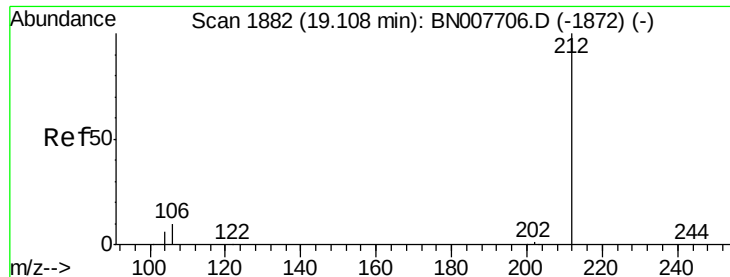


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.397 ng

RT: 19.11 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA\_E

ClientSampleId :

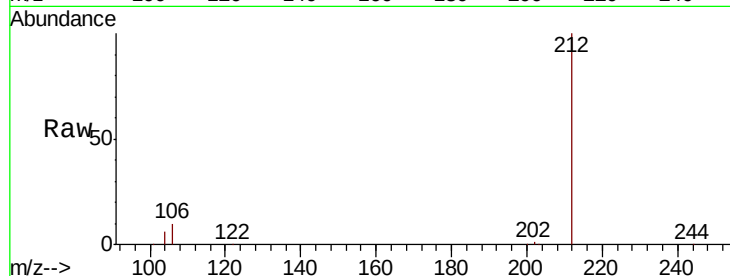
Tot Ion:212 Resp: 342435

Ion Ratio Lower Upper

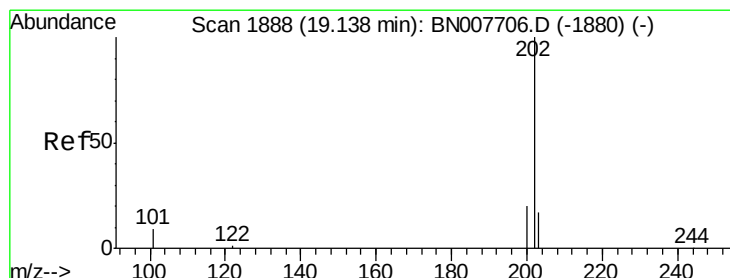
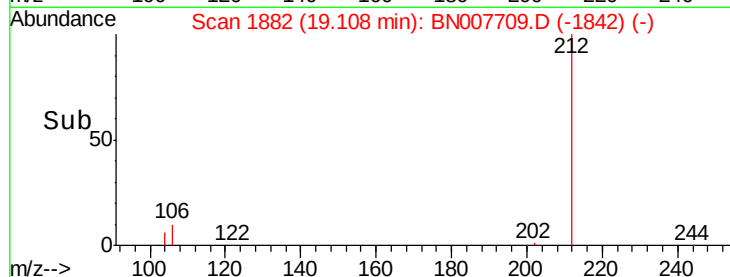
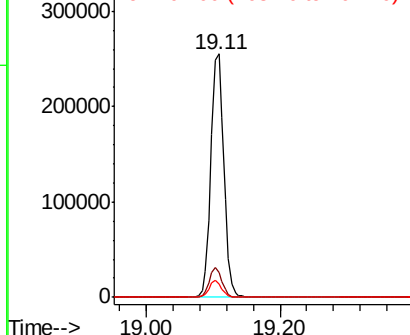
212 100

106 11.7 9.4 14.0

104 6.5 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: 3.366 ng

RT: 19.14 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

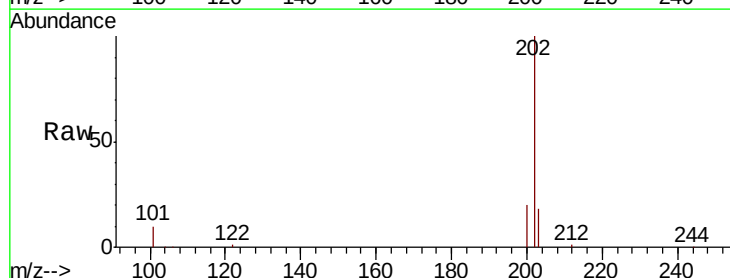
Tgt Ion:202 Resp: 391152

Ion Ratio Lower Upper

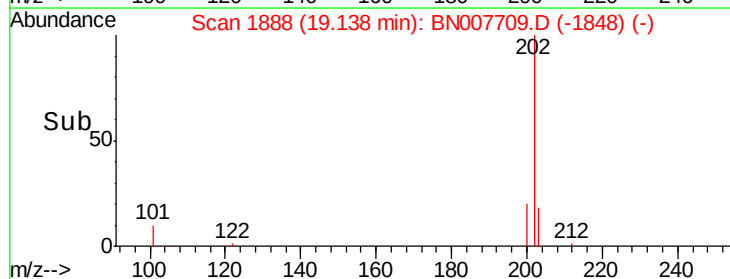
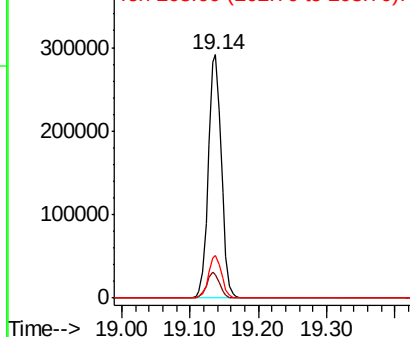
202 100

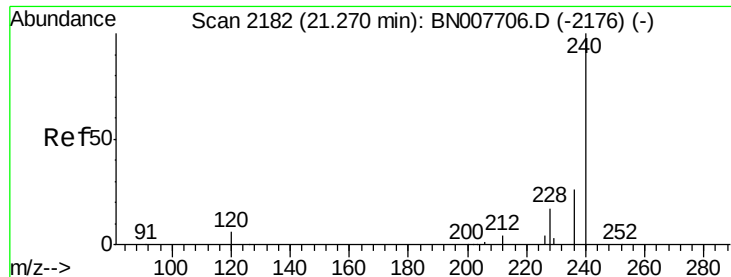
101 10.6 8.4 12.6

203 17.4 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA\_E

ClientSampleId :

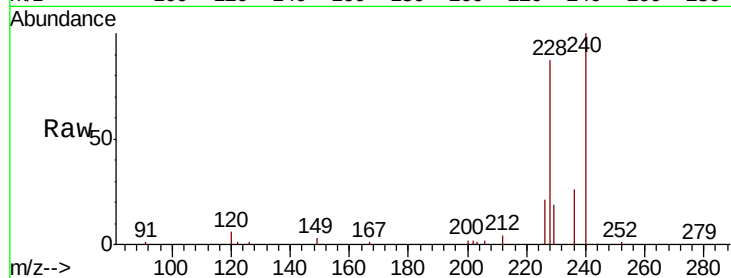
Tot Ion:240 Resp: 36324

Ion Ratio Lower Upper

240 100

120 5.8 5.4 8.2

236 26.1 21.0 31.4

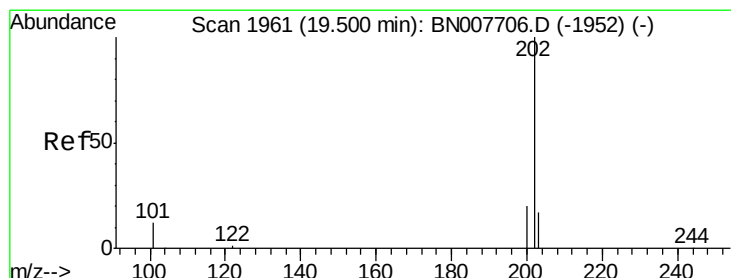
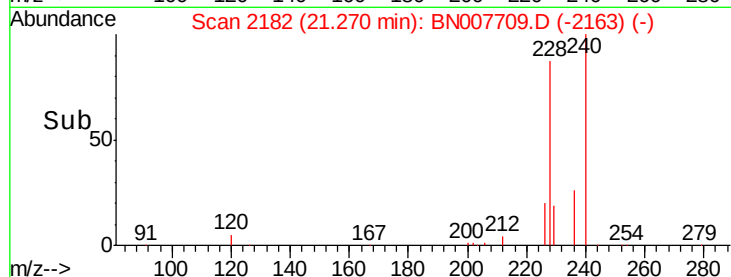
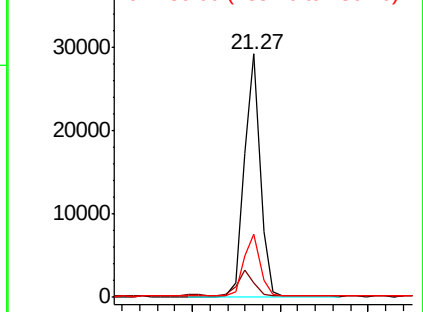


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 3.015 ng

RT: 19.50 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

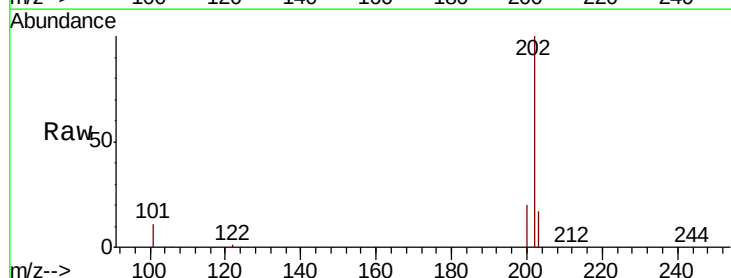
Tgt Ion:202 Resp: 393563

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

203 17.6 14.1 21.1

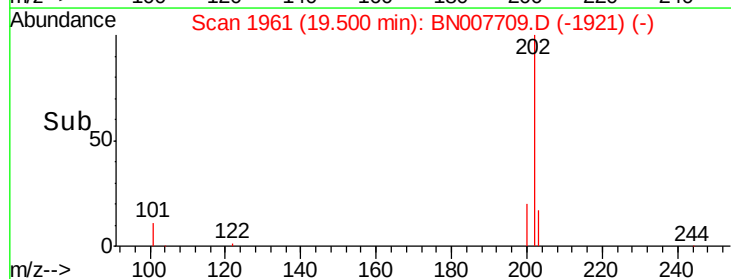
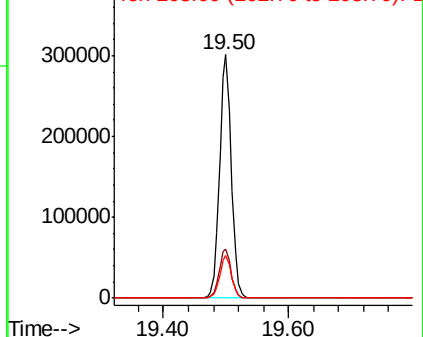


Abundance

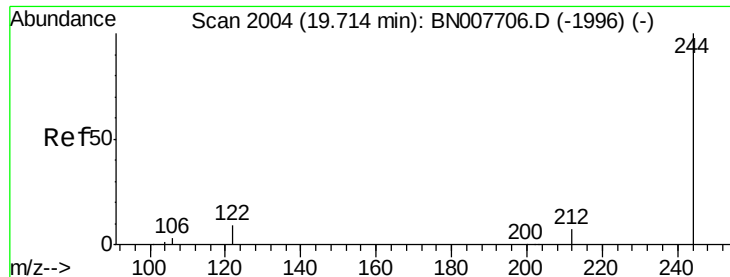
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E







#29

Terphenyl-d14

Concen: 3.006 ng

RT: 19.71 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA\_E

ClientSampled :

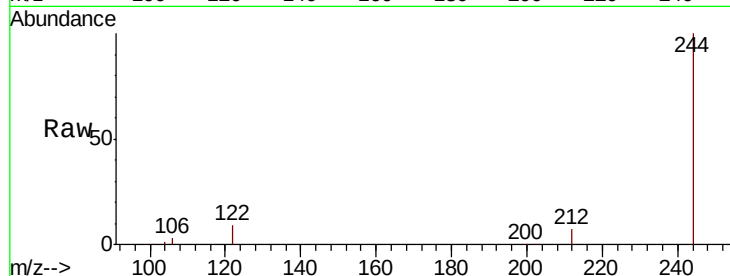
Tot Ion:244 Resp: 284064

Ion Ratio Lower Upper

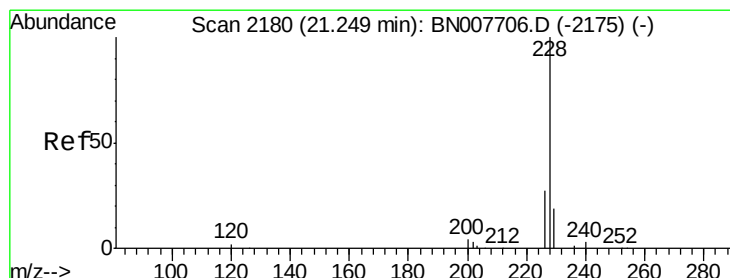
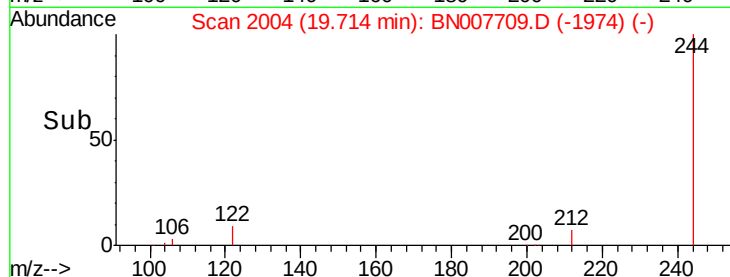
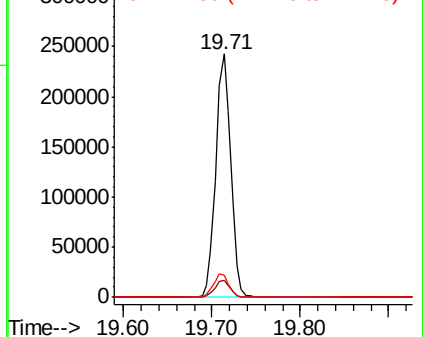
244 100

212 7.0 5.9 8.9

122 8.9 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: 3.349 ng

RT: 21.25 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

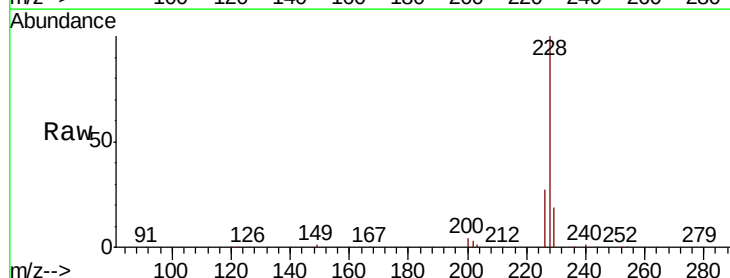
Tgt Ion:228 Resp: 435276

Ion Ratio Lower Upper

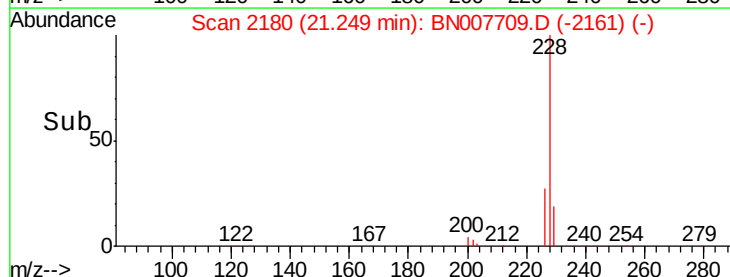
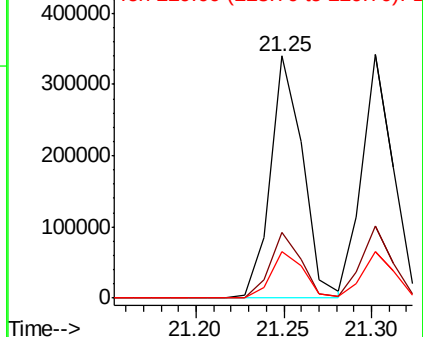
228 100

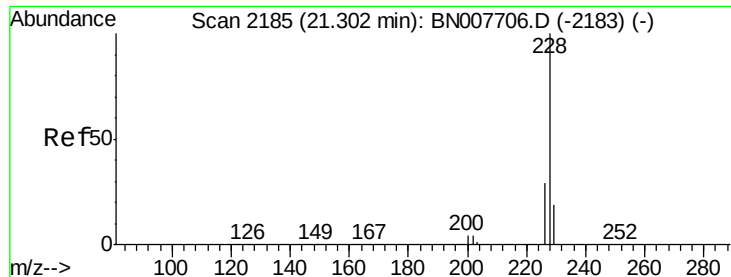
226 27.0 22.1 33.1

229 19.3 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: 3.194 ng

RT: 21.30 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA\_E

ClientSampled :

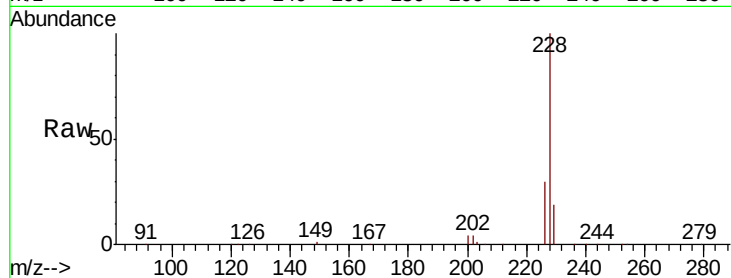
Tot Ion:228 Resp: 421769

Ion Ratio Lower Upper

228 100

226 29.5 23.9 35.9

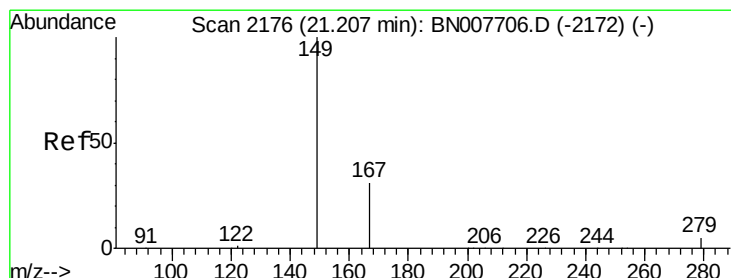
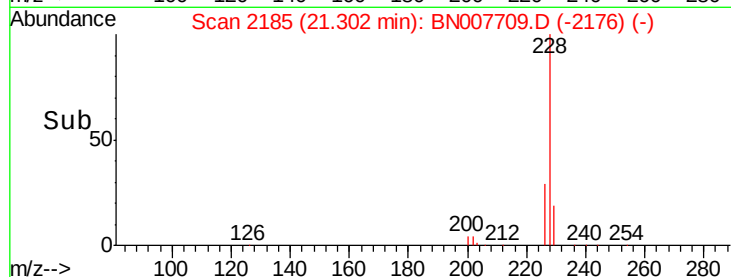
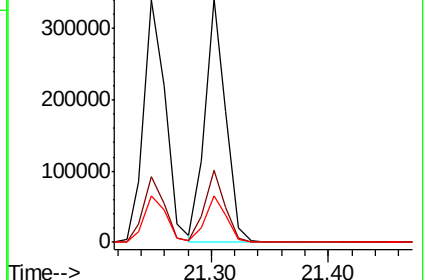
229 19.3 15.8 23.6



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: 4.669 ng

RT: 21.21 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

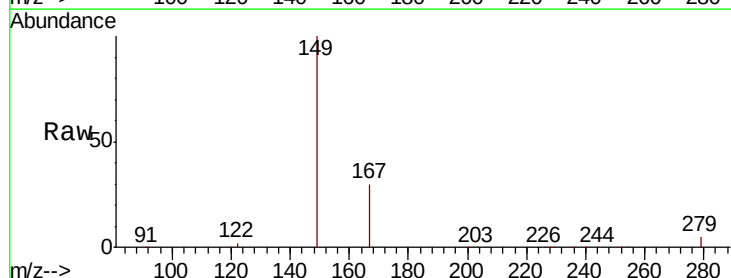
Tgt Ion:149 Resp: 207660

Ion Ratio Lower Upper

149 100

167 29.1 23.7 35.5

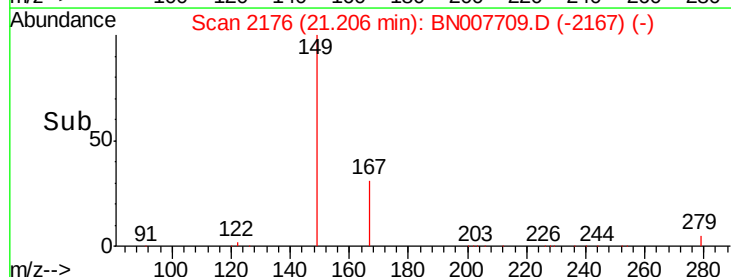
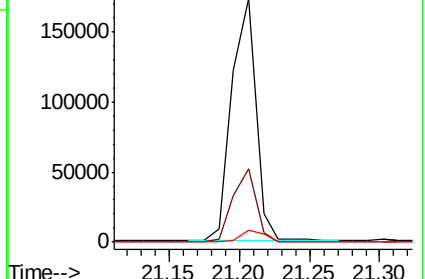
279 5.0 4.2 6.2

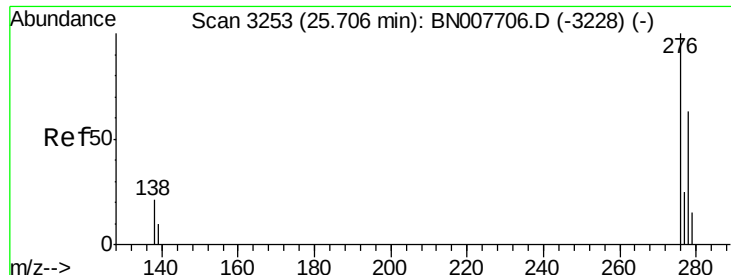


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.667 ng

RT: 25.71 min Scan# 3253

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA\_E

ClientSampleId :

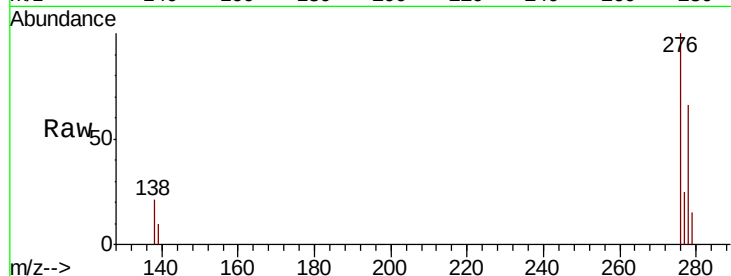
Tot Ion:276 Resp: 511941

Ion Ratio Lower Upper

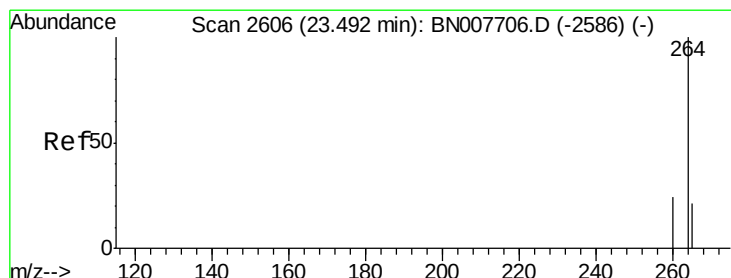
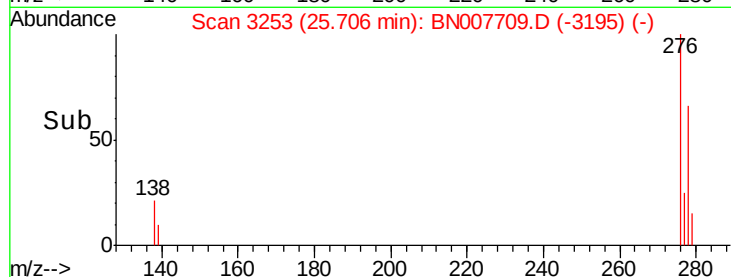
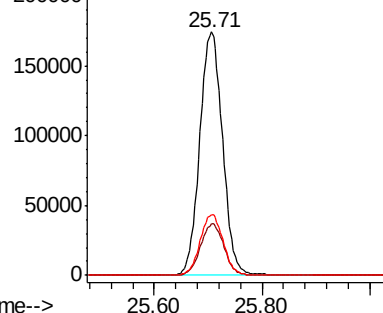
276 100

138 21.6 17.1 25.7

277 25.1 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: 23.49 min Scan# 2605

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

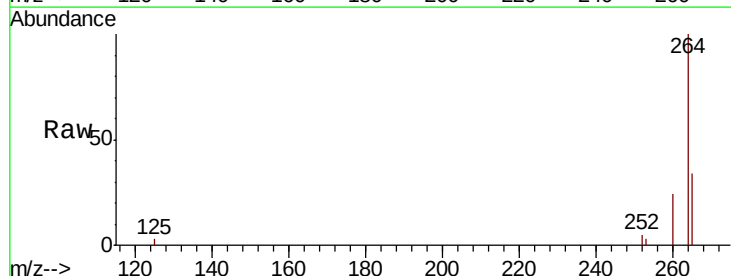
Tgt Ion:264 Resp: 38590

Ion Ratio Lower Upper

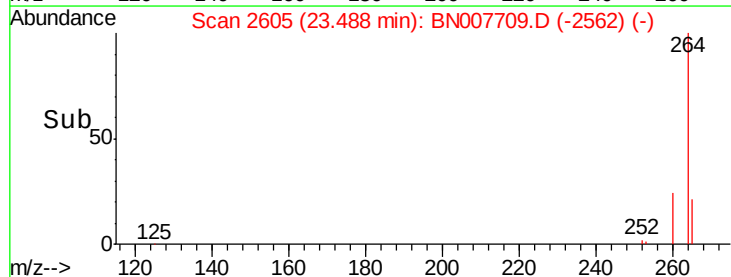
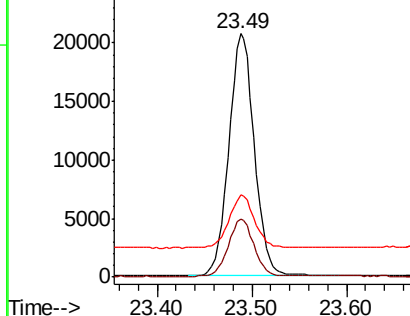
264 100

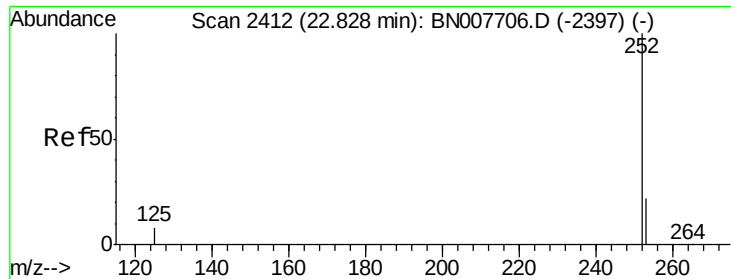
260 24.1 19.3 28.9

265 33.6 26.9 40.3



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

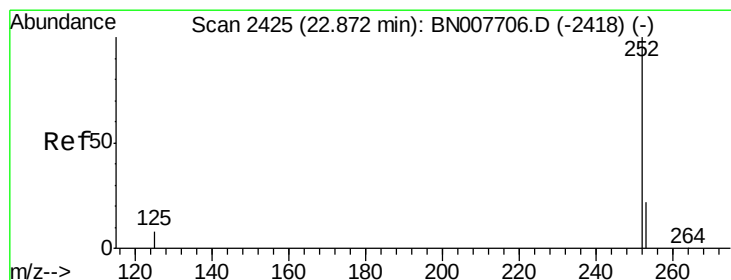
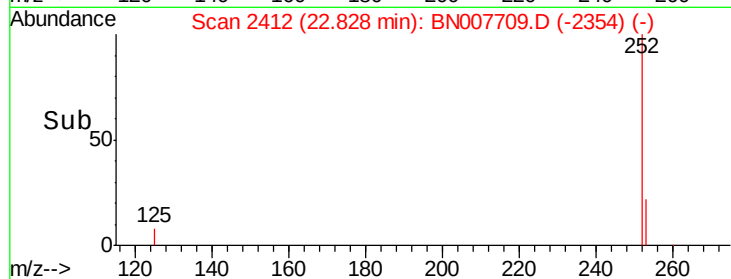
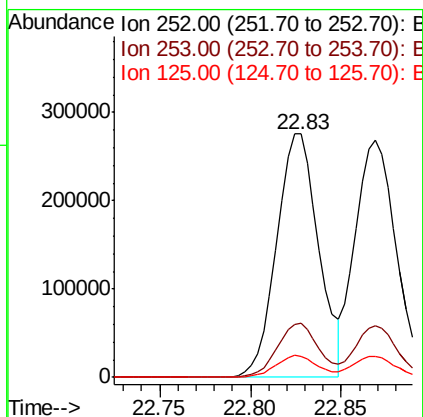
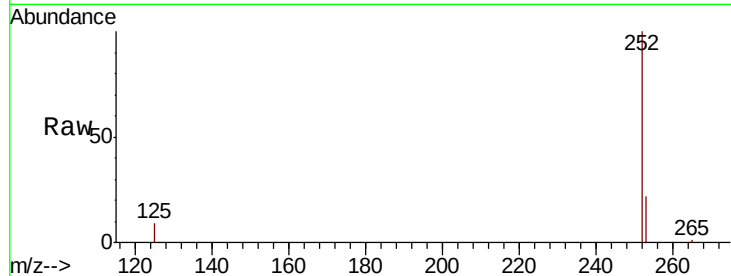




#35  
Benzo(b)fluoranthene  
Concen: 3.221 ng  
RT: 22.83 min Scan# 2412  
Delta R.T. -0.00 min  
Lab File: BN007709.D  
Acq: 18 Sep 2019 17:12

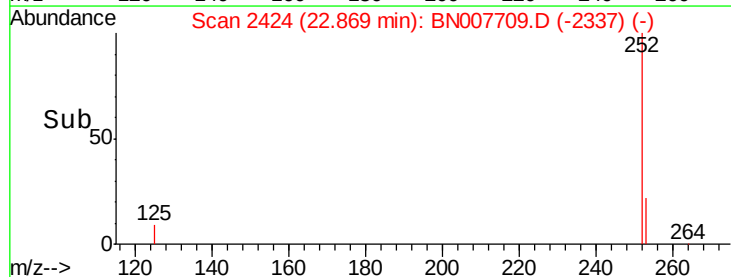
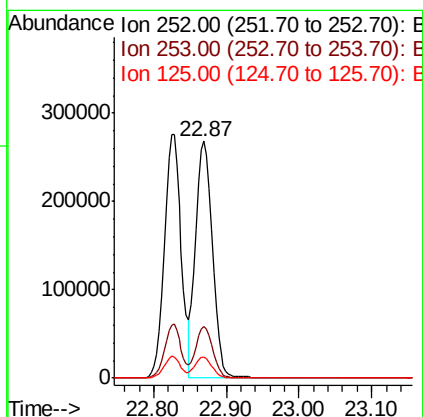
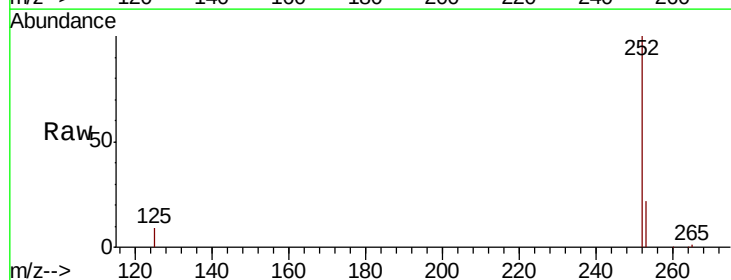
Instrument :  
BNA\_E  
ClientSampleId :

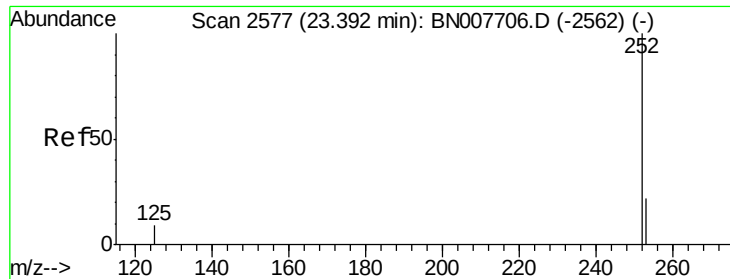
Tot Ion:252 Resp: 441938  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.3 27.5  
125 8.6 8.2 12.4



#36  
Benzo(k)fluoranthene  
Concen: 3.121 ng  
RT: 22.87 min Scan# 2424  
Delta R.T. -0.00 min  
Lab File: BN007709.D  
Acq: 18 Sep 2019 17:12

Tgt Ion:252 Resp: 423193  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.5 27.7  
125 8.8 8.4 12.6





#37

Benzo(a)pyrene

Concen: 3.346 ng

RT: 23.39 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA\_E

ClientSampleId :

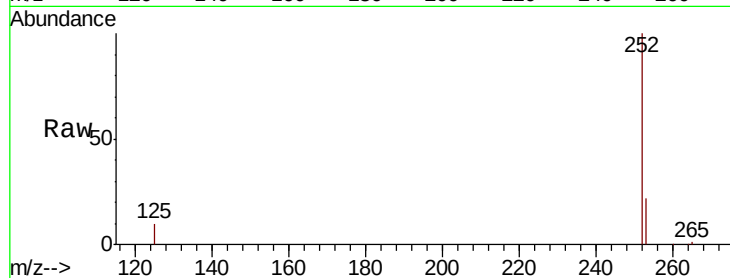
Tot Ion:252 Resp: 408277

Ion Ratio Lower Upper

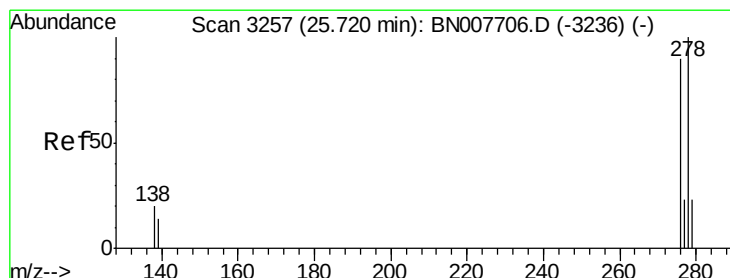
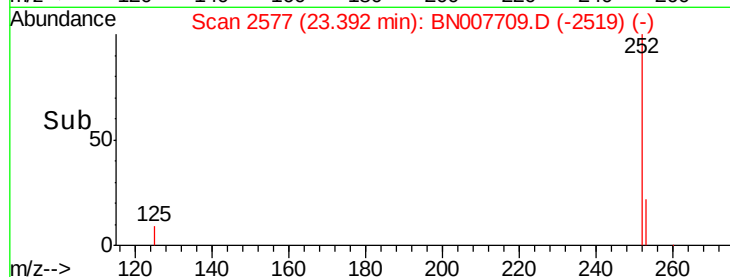
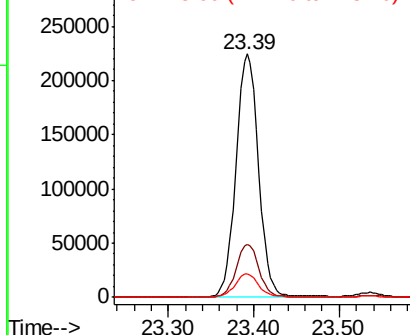
252 100

253 22.0 18.6 27.8

125 9.7 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 3.405 ng

RT: 25.72 min Scan# 3257

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

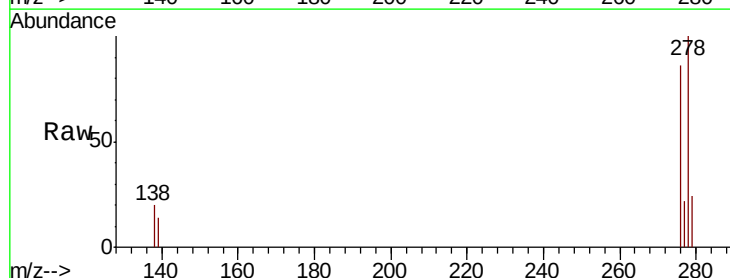
Tgt Ion:278 Resp: 417099

Ion Ratio Lower Upper

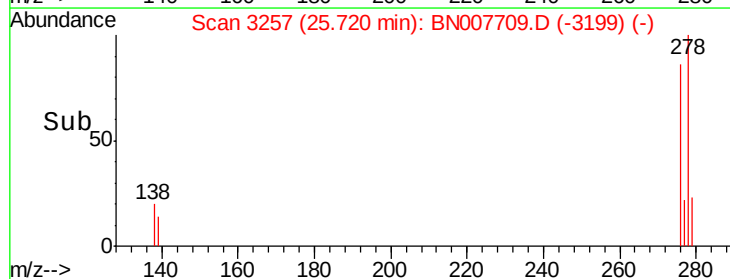
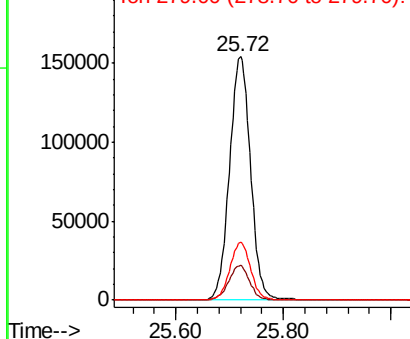
278 100

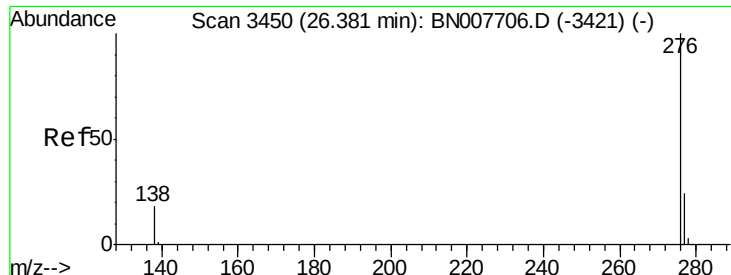
139 14.2 11.8 17.6

279 23.6 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(a,h,i)perylene

Concen: 3.332 ng

RT: 26.38 min Scan# 3449

Delta R.T. -0.00 min

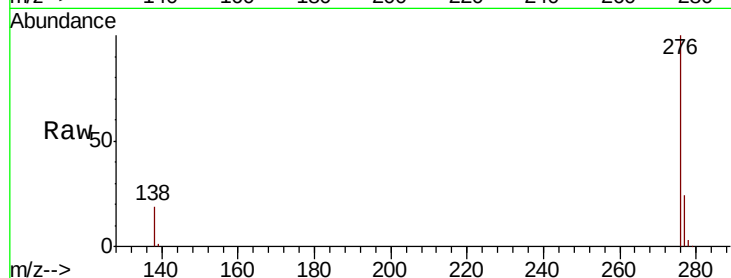
Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA\_E

ClientSampleId :



Tot Ion: 276 Resp: 413372

Ion Ratio Lower Upper

276 100

277 23.7 19.8 29.8

138 18.8 15.1 22.7

