

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\  
 Data File : BN007977.D  
 Acq On : 02 Oct 2019 22:05  
 Operator : JU  
 Sample : K5077-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Oct 03 06:48:33 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  | 5900     | 0.40 | ng    | -0.02    |
| 7) Naphthalene-d8         | 10.46 | 136  | 25067    | 0.40 | ng    | -0.01    |
| 13) Acenaphthene-d10      | 14.31 | 164  | 15775    | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10      | 17.06 | 188  | 33093    | 0.40 | ng    | -0.01    |
| 27) Chrysene-d12          | 21.25 | 240  | 35064    | 0.40 | ng    | -0.02    |
| 34) Perylene-d12          | 23.47 | 264  | 37061    | 0.40 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.31  | 112  | 4827     | 0.24 | ng    | 0.00     |
| 5) Phenol-d6                | 6.87  | 99   | 6670     | 0.26 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.82  | 82   | 5550     | 0.25 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10 | 12.05 | 152  | 10902    | 0.26 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol    | 15.81 | 330  | 2032     | 0.24 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl        | 12.93 | 172  | 14609    | 0.22 | ng    | -0.01    |
| 25) Fluoranthene-d10        | 19.09 | 212  | 26094    | 0.23 | ng    | -0.01    |
| 29) Terphenyl-d14           | 19.69 | 244  | 21428    | 0.25 | ng    | -0.02    |

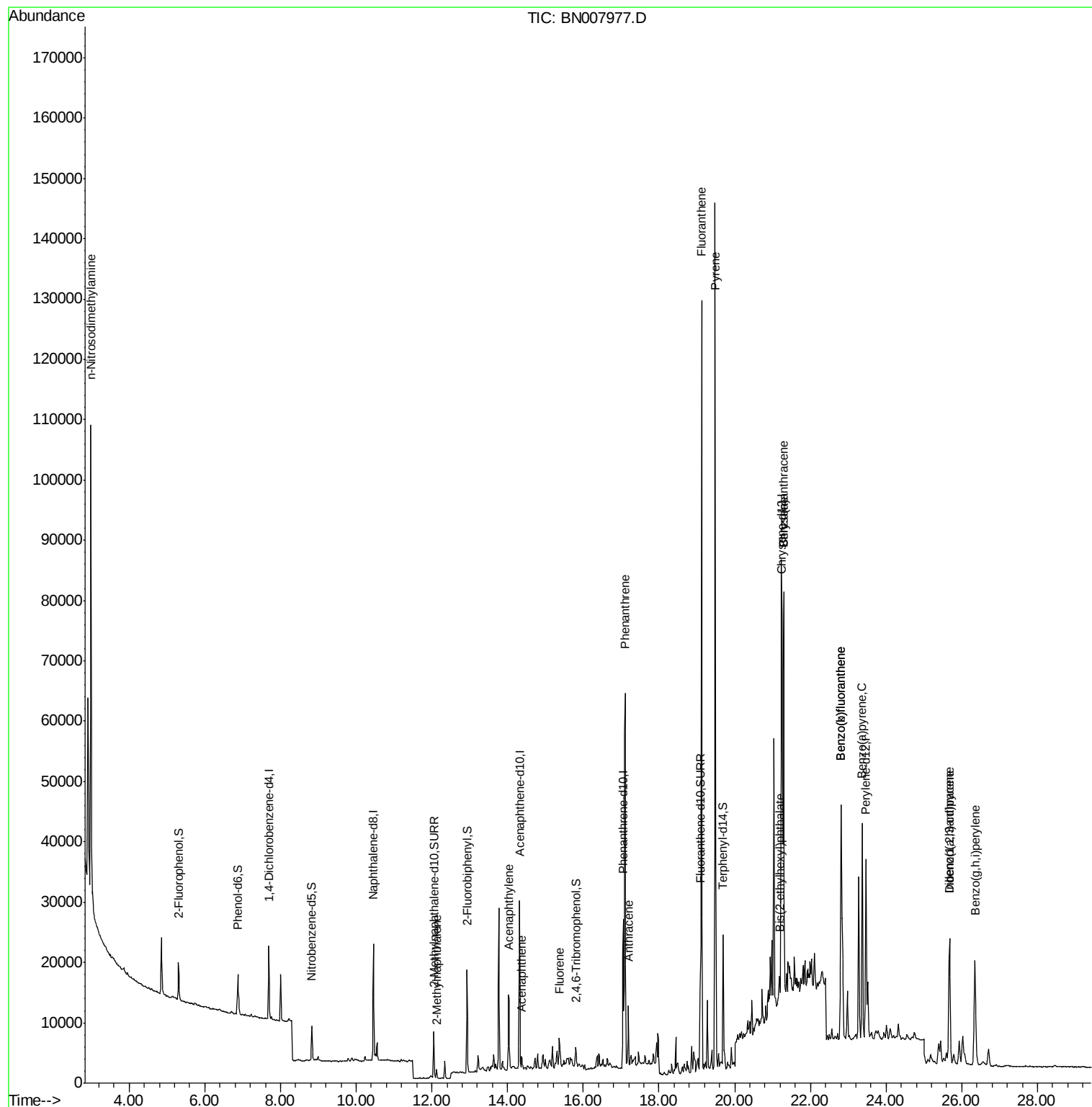
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 3) n-Nitrosodimethylamine      | 2.99  | 42   | 8195     | 2.721 | ng    | # 80   |
| 12) 2-Methylnaphthalene        | 12.13 | 142  | 1062     | 0.022 | ng    | # 87   |
| 16) Acenaphthylene             | 14.02 | 152  | 16278    | 0.195 | ng    | 99     |
| 17) Acenaphthene               | 14.37 | 154  | 1295     | 0.024 | ng    | 99     |
| 18) Fluorene                   | 15.36 | 166  | 3805     | 0.055 | ng    | # 80   |
| 23) Phenanthrene               | 17.10 | 178  | 68364    | 0.663 | ng    | 100    |
| 24) Anthracene                 | 17.19 | 178  | 9930     | 0.107 | ng    | 98     |
| 26) Fluoranthene               | 19.12 | 202  | 114502   | 0.893 | ng    | 99     |
| 28) Pyrene                     | 19.49 | 202  | 130304   | 1.090 | ng    | 97     |
| 30) Benzo(a)anthracene         | 21.29 | 228  | 63367    | 0.491 | ng    | 95     |
| 31) Chrysene                   | 21.29 | 228  | 63122    | 0.502 | ng    | 97     |
| 32) Bis(2-ethylhexyl)phthalate | 21.19 | 149  | 4684     | 0.071 | ng    | # 99   |
| 33) Indeno(1,2,3-cd)pyrene     | 25.67 | 276  | 33369    | 0.212 | ng    | # 96   |
| 35) Benzo(b)fluoranthene       | 22.81 | 252  | 65930    | 0.512 | ng    | # 93   |
| 36) Benzo(k)fluoranthene       | 22.81 | 252  | 65930    | 0.518 | ng    | # 93   |
| 37) Benzo(a)pyrene             | 23.37 | 252  | 47308    | 0.391 | ng    | # 93   |
| 38) Dibenzo(a,h)anthracene     | 25.68 | 278  | 8092     | 0.065 | ng    | # 61   |
| 39) Benzo(a,h,i)perylene       | 26.35 | 276  | 35942    | 0.294 | ng    | 96     |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\  
Data File : BN007977.D  
Acq On : 02 Oct 2019 22:05  
Operator : JU  
Sample : K5077-03  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

Quant Time: Oct 03 06:48:33 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



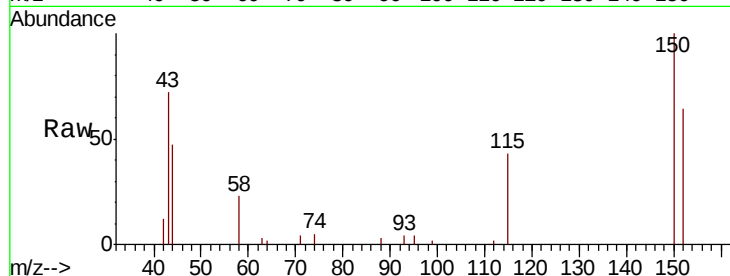


#1

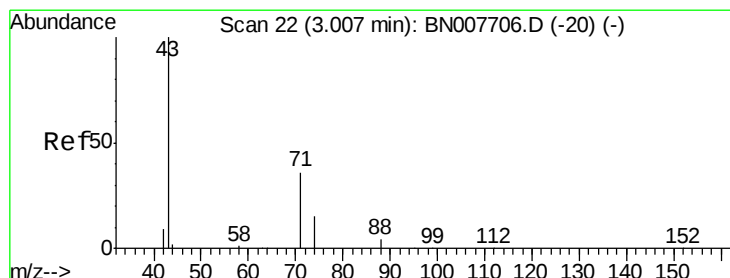
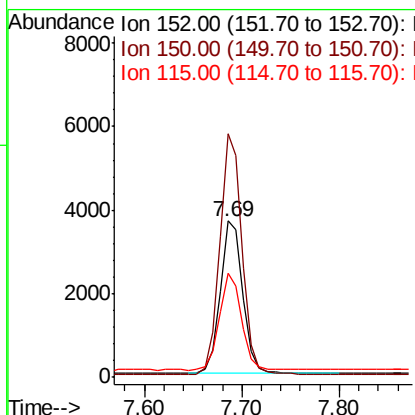
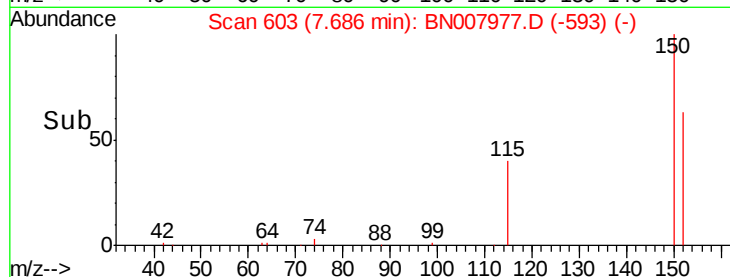
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.69 min Scan# 603  
Delta R.T. -0.02 min  
Lab File: BN007977.D  
Acq: 02 Oct 2019 22:05

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:152 Resp: 5900  
Ion Ratio Lower Upper  
152 100  
150 156.0 125.6 188.4  
115 67.1 53.3 79.9



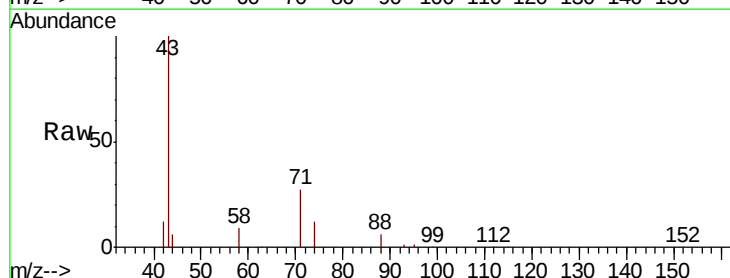
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



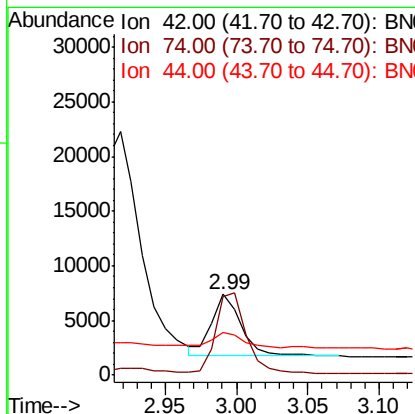
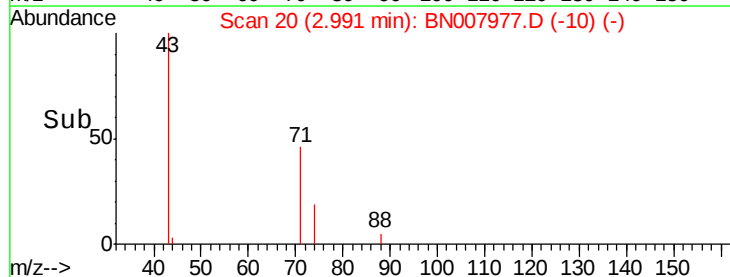
#3

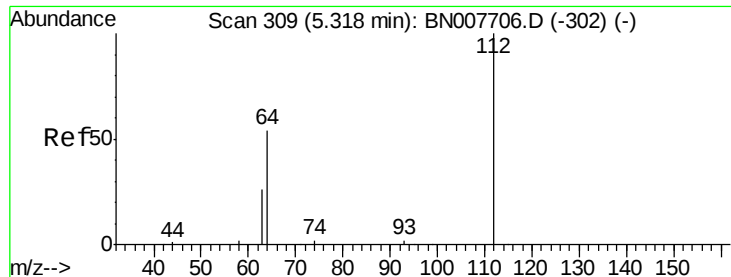
n-Nitrosodimethylamine  
Concen: 2.721 ng  
RT: 2.99 min Scan# 20  
Delta R.T. -0.02 min  
Lab File: BN007977.D  
Acq: 02 Oct 2019 22:05

Tgt Ion: 42 Resp: 8195  
Ion Ratio Lower Upper  
42 100  
74 130.5 87.9 131.9  
44 24.1 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: 0.238 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007977.D

Acq: 02 Oct 2019 22:05

Instrument :

BNA\_N

ClientSampleId :

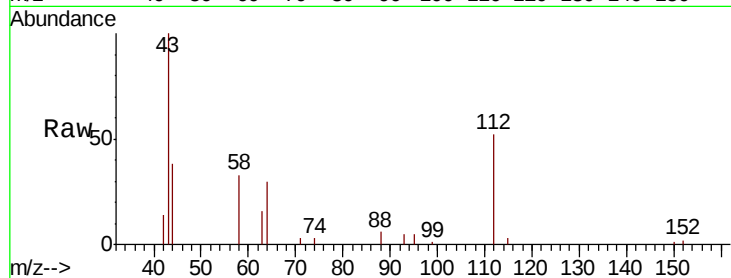
Tot Ion: 112 Resp: 4827

Ion Ratio Lower Upper

112 100

64 59.0 46.6 70.0

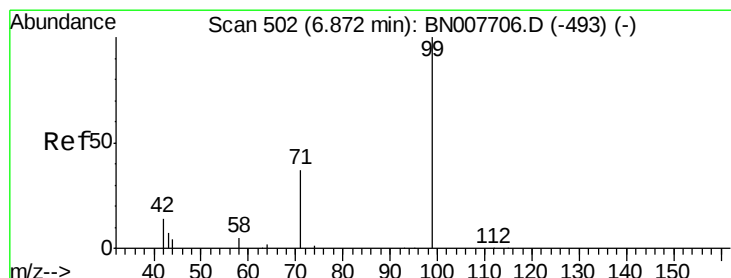
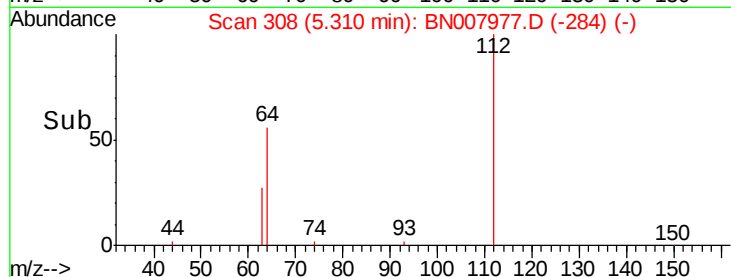
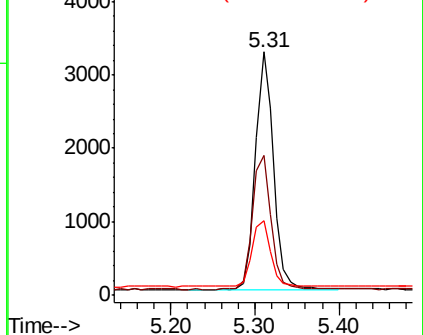
63 28.7 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.261 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007977.D

Acq: 02 Oct 2019 22:05

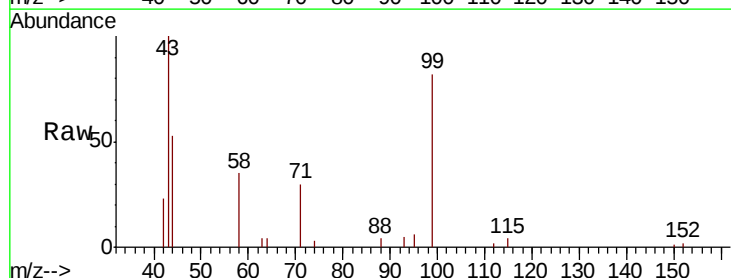
Tgt Ion: 99 Resp: 6670

Ion Ratio Lower Upper

99 100

42 17.5 12.8 19.2

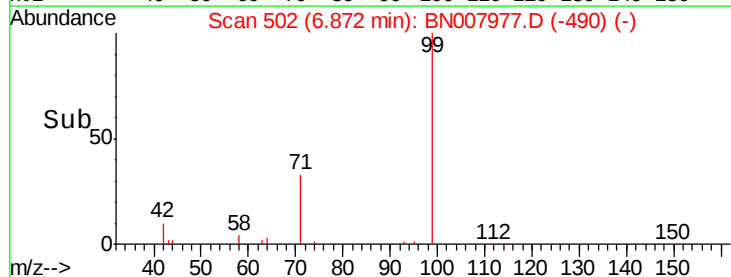
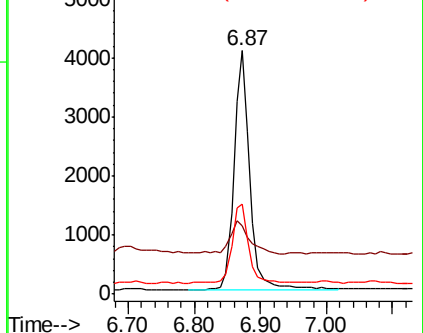
71 34.9 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007977.D

Acq: 02 Oct 2019 22:05

Instrument :

BNA\_N

ClientSampleId :

Tot Ion:136 Resp: 25067

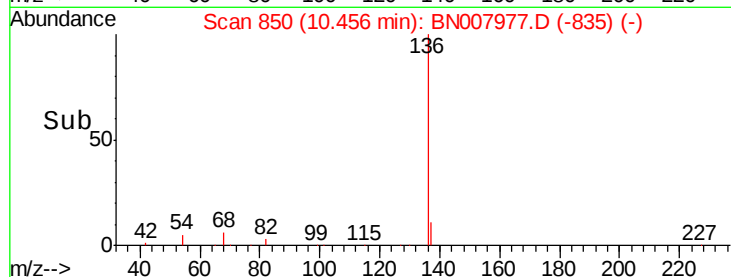
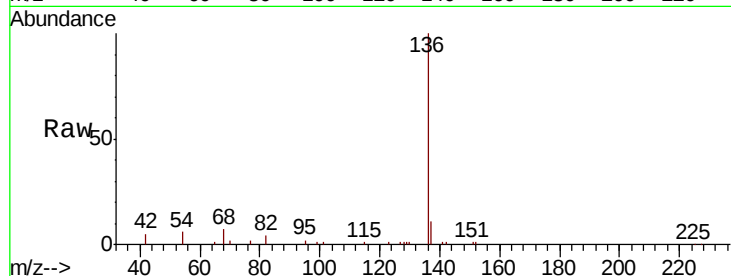
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 6.3 5.8 8.8

68 7.1 6.5 9.7

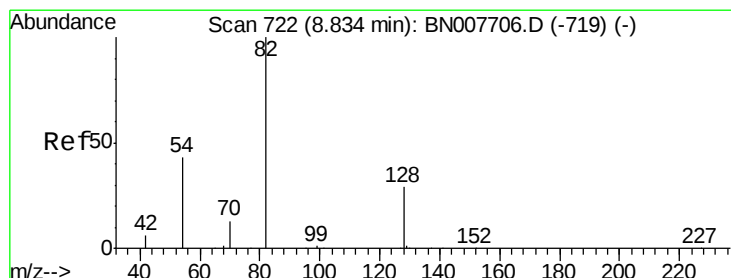
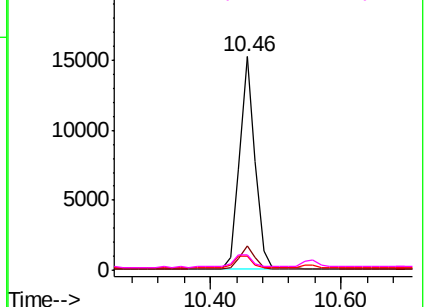


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.253 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN007977.D

Acq: 02 Oct 2019 22:05

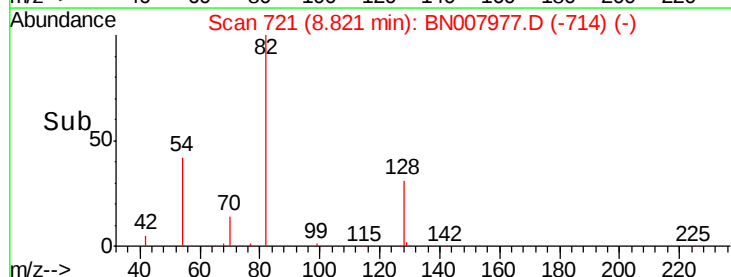
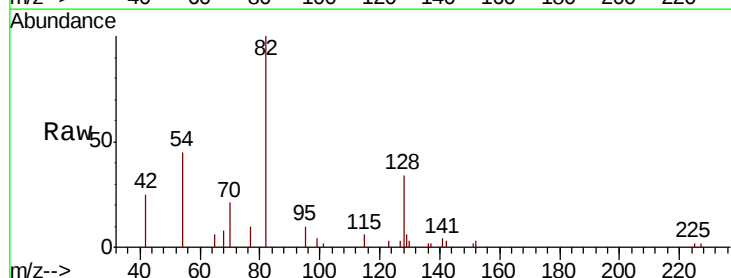
Tgt Ion: 82 Resp: 5550

Ion Ratio Lower Upper

82 100

128 34.4 24.5 36.7

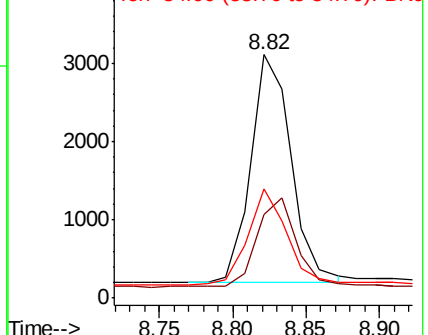
54 44.9 35.2 52.8



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

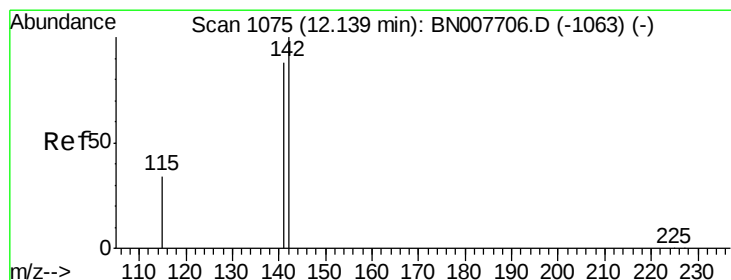
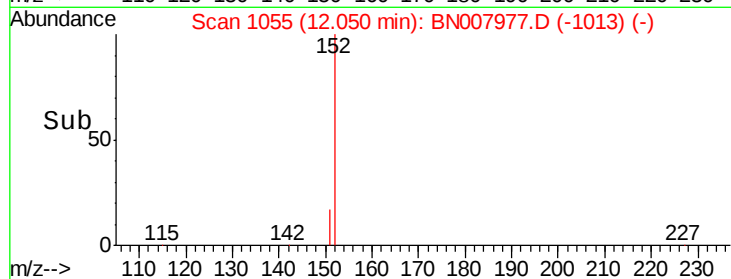
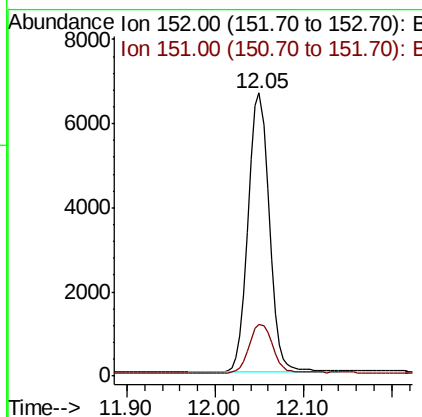
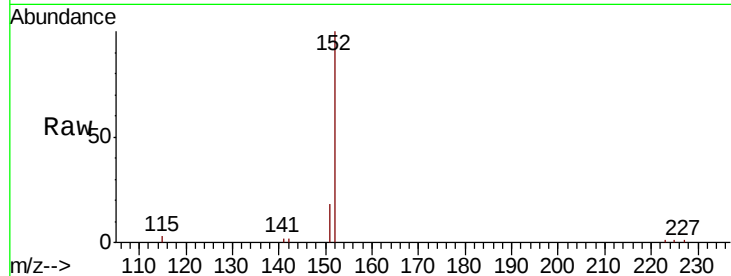




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.258 ng  
 RT: 12.05 min Scan# 1055  
 Delta R.T. -0.01 min  
 Lab File: BN007977.D  
 Acq: 02 Oct 2019 22:05

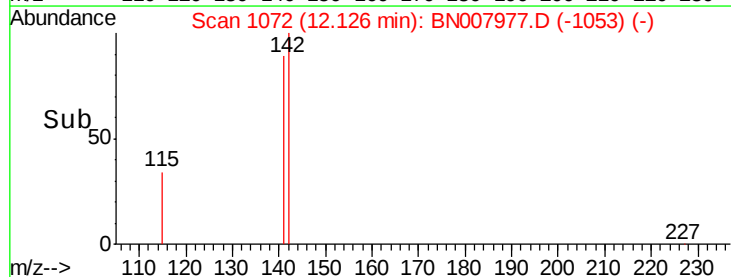
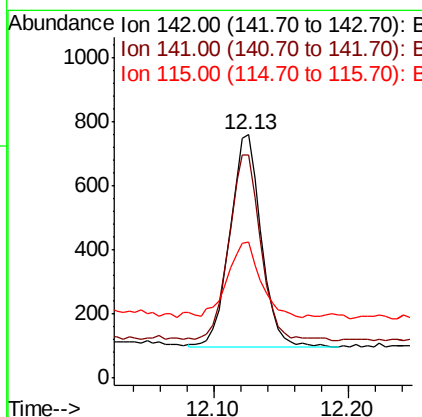
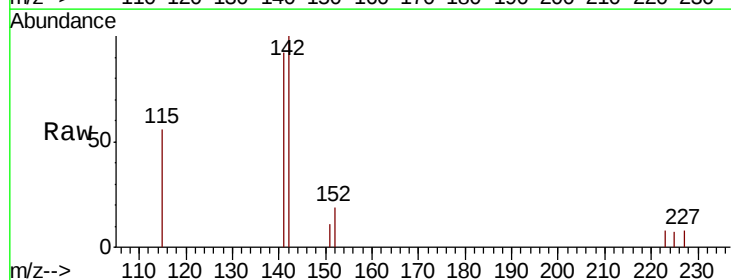
Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:152 Resp: 10902  
 Ion Ratio Lower Upper  
 152 100  
 151 19.3 15.4 23.2



#12  
 2-Methylnaphthalene  
 Concen: 0.022 ng  
 RT: 12.13 min Scan# 1072  
 Delta R.T. -0.01 min  
 Lab File: BN007977.D  
 Acq: 02 Oct 2019 22:05

Tgt Ion:142 Resp: 1062  
 Ion Ratio Lower Upper  
 142 100  
 141 91.7 70.6 106.0  
 115 56.0 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: BN007977.D

Acq: 02 Oct 2019 22:05

Instrument :

BNA\_N

ClientSampleId :

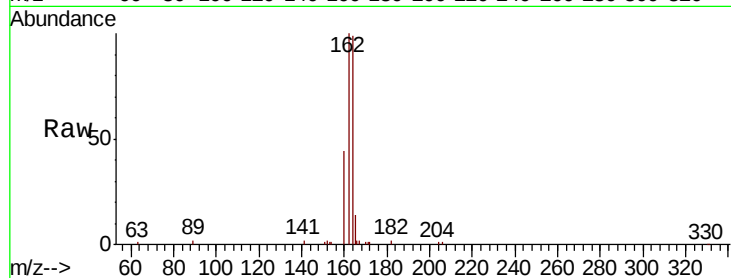
Tot Ion:164 Resp: 15775

Ion Ratio Lower Upper

164 100

162 101.4 81.7 122.5

160 44.5 37.0 55.4

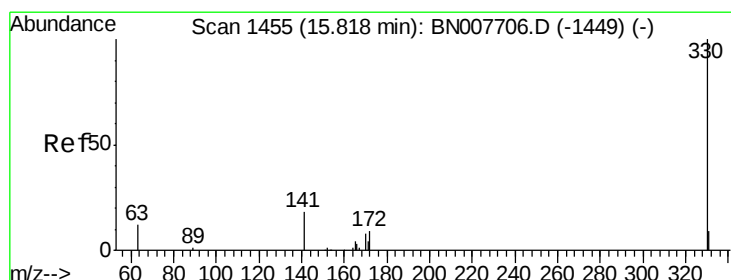
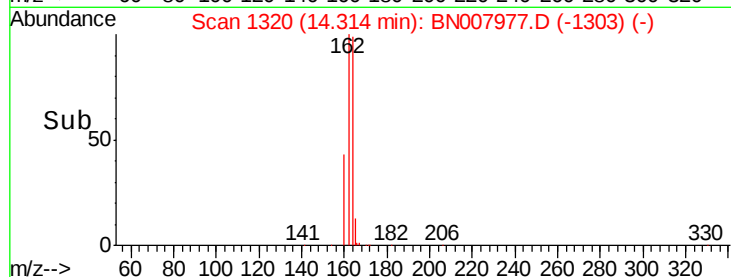
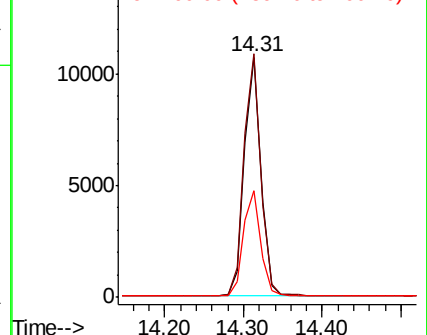


Abundance

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: 0.237 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007977.D

Acq: 02 Oct 2019 22:05

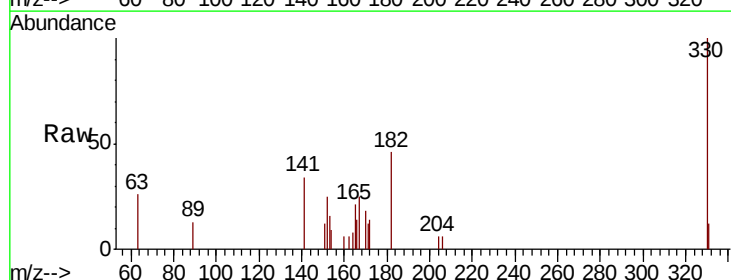
Tgt Ion:330 Resp: 2032

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 40.3 28.7 43.1

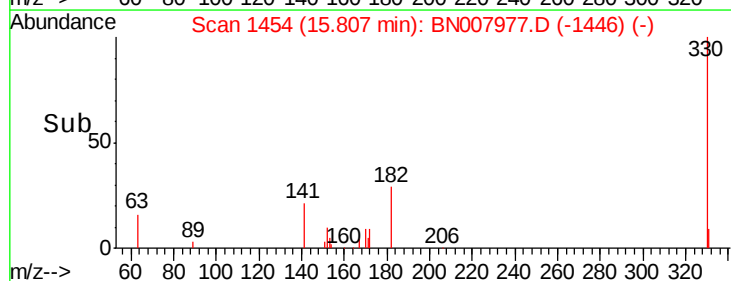
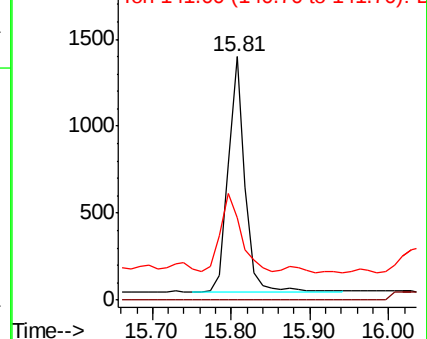


Abundance

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

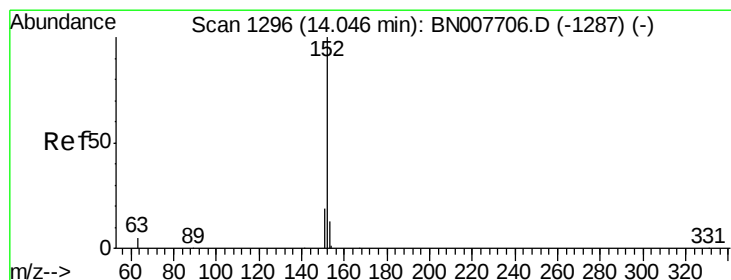
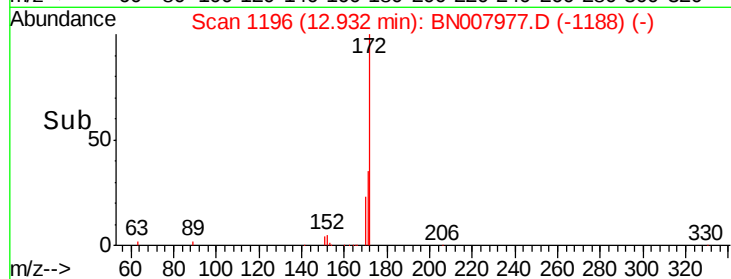
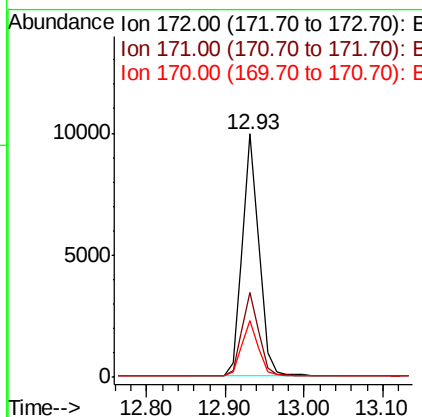
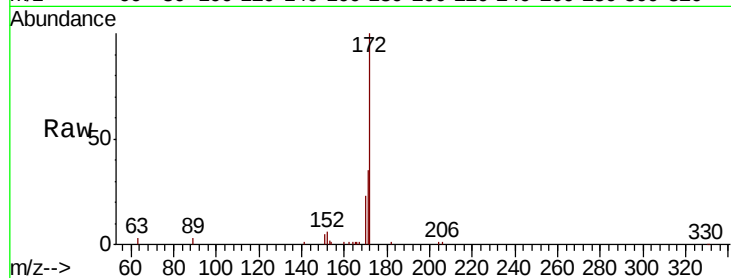




#15  
2-Fluorobiphenyl  
Concen: 0.225 ng  
RT: 12.93 min Scan# 1196  
Delta R.T. -0.01 min  
Lab File: BN007977.D  
Acq: 02 Oct 2019 22:05

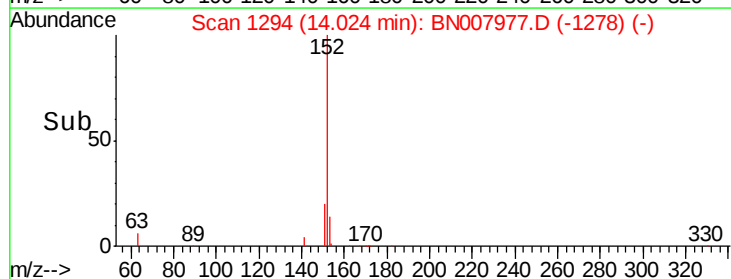
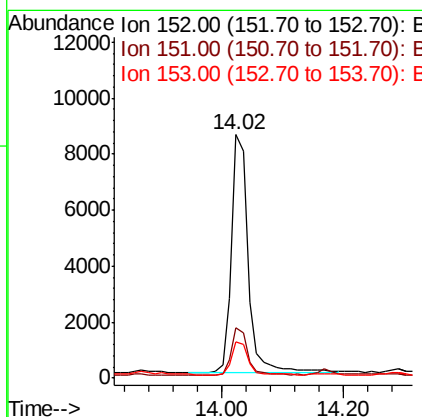
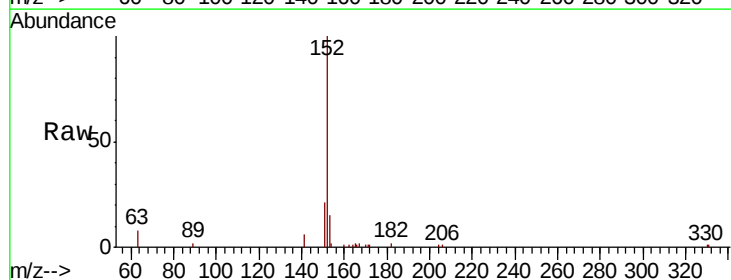
Instrument :  
BNA\_N  
ClientSampled :

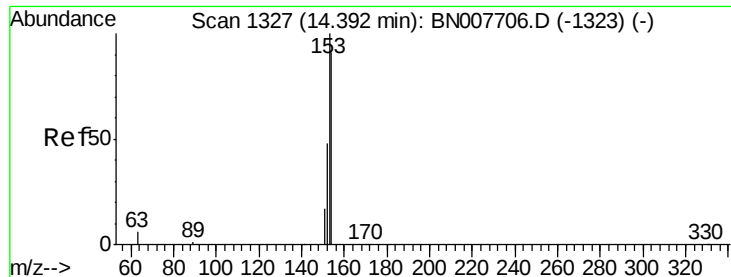
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.1  | 28.8  | 43.2  |
| 170     | 23.1  | 19.5  | 29.3  |



#16  
Acenaphthylene  
Concen: 0.195 ng  
RT: 14.02 min Scan# 1294  
Delta R.T. -0.02 min  
Lab File: BN007977.D  
Acq: 02 Oct 2019 22:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.5  | 15.5  | 23.3  |
| 153     | 13.6  | 10.4  | 15.6  |





#17

Acenaphthene

Concen: 0.024 ng

RT: 14.37 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN007977.D

Acq: 02 Oct 2019 22:05

Instrument :

BNA\_N

ClientSampleId :

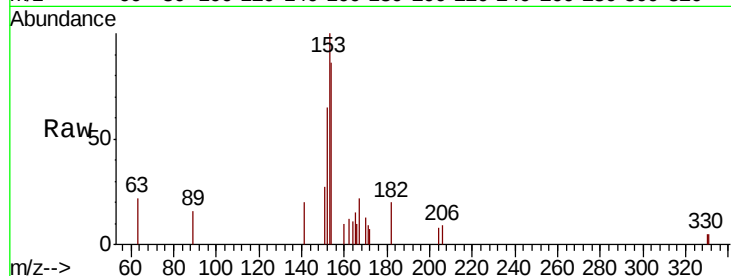
Tot Ion:154 Resp: 1295

Ion Ratio Lower Upper

154 100

153 110.3 87.0 130.4

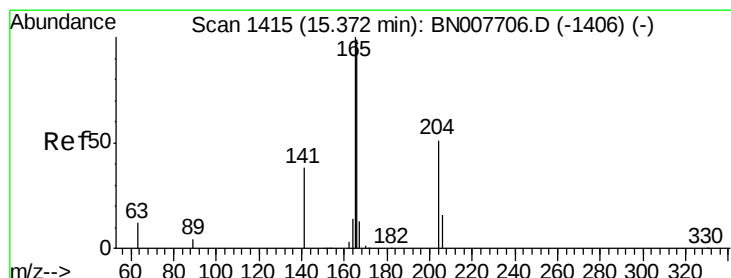
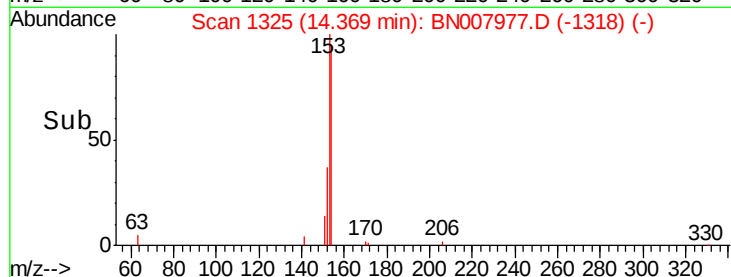
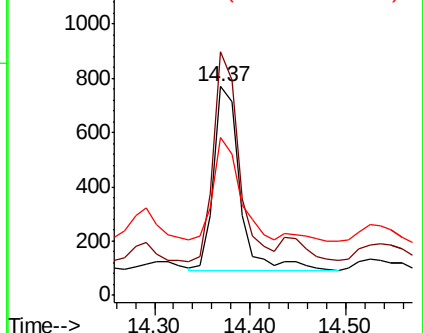
152 53.7 42.7 64.1



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: 0.055 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007977.D

Acq: 02 Oct 2019 22:05

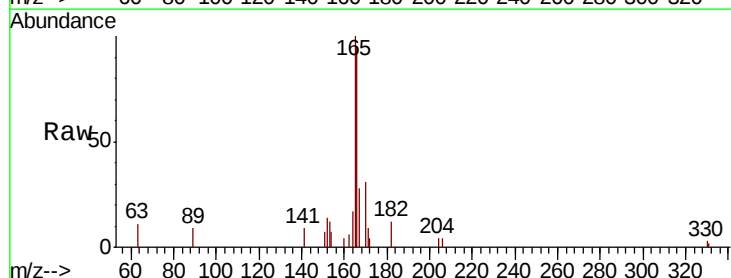
Tgt Ion:166 Resp: 3805

Ion Ratio Lower Upper

166 100

165 117.5 78.0 117.0#

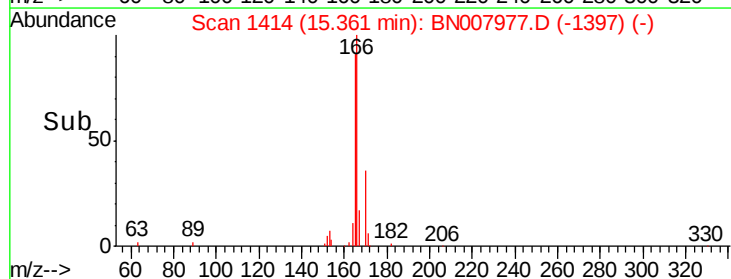
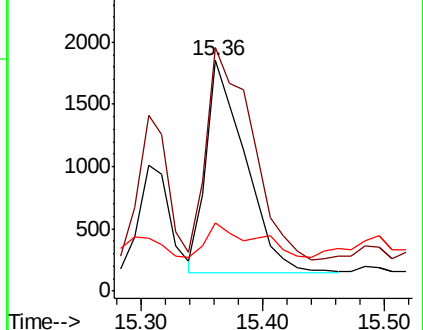
167 19.3 10.9 16.3#

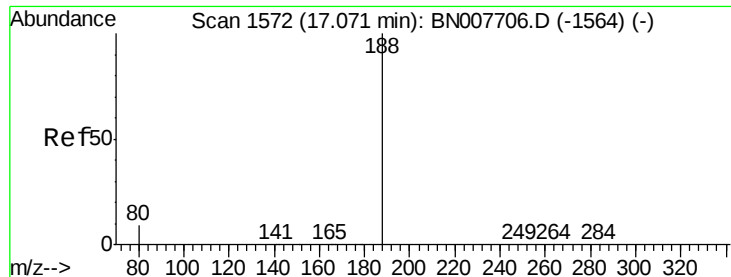


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

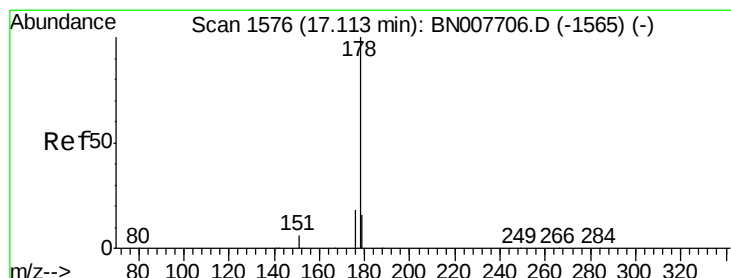
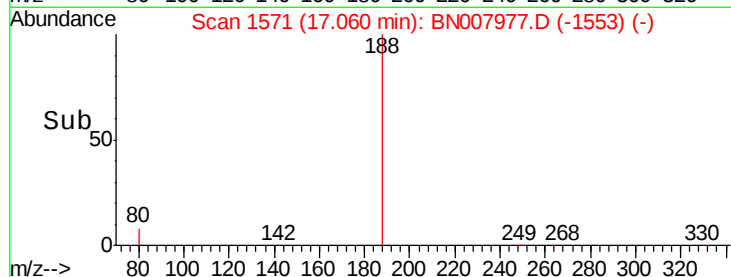
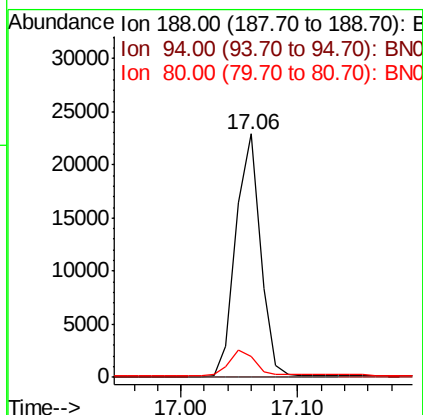
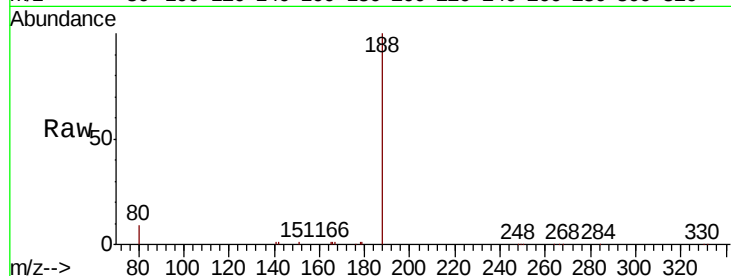




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.06 min Scan# 1571  
Delta R.T. -0.01 min  
Lab File: BN007977.D  
Acq: 02 Oct 2019 22:05

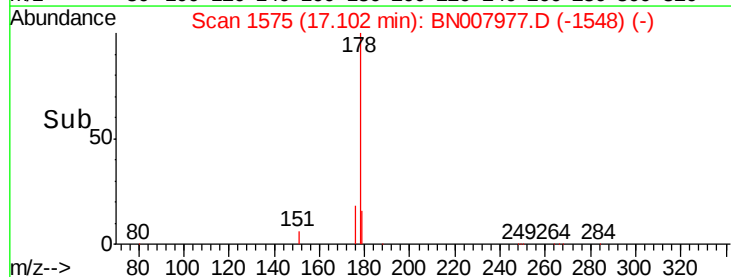
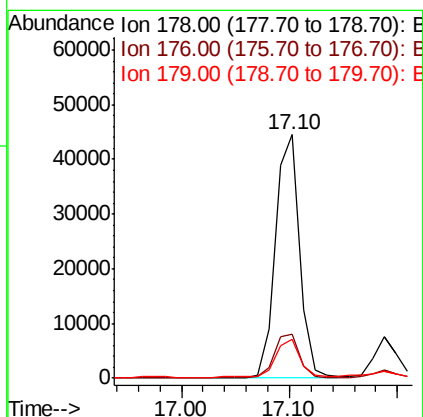
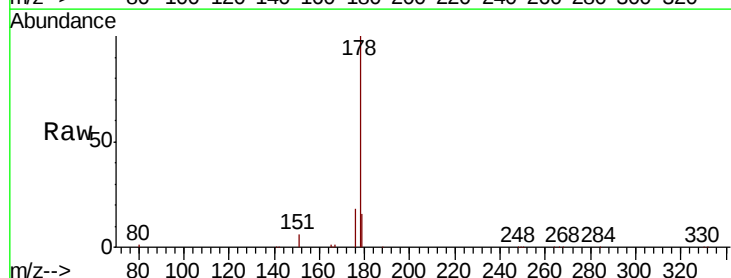
Instrument :  
BNA\_N  
ClientSampleId :

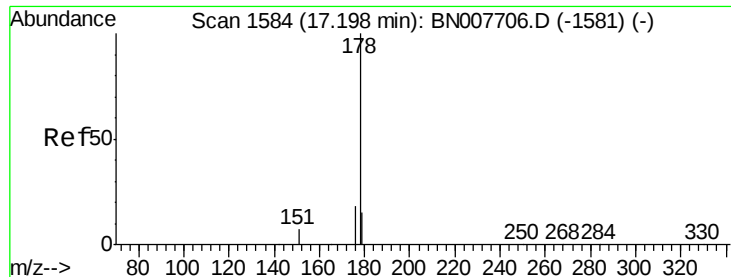
Tot Ion:188 Resp: 33093  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.6 7.4 11.2



#23  
Phenanthrene  
Concen: 0.663 ng  
RT: 17.10 min Scan# 1575  
Delta R.T. -0.01 min  
Lab File: BN007977.D  
Acq: 02 Oct 2019 22:05

Tgt Ion:178 Resp: 68364  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.9 22.3  
179 15.6 12.5 18.7





#24

Anthracene

Concen: 0.107 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007977.D

Acq: 02 Oct 2019 22:05

Instrument :

BNA\_N

ClientSampled :

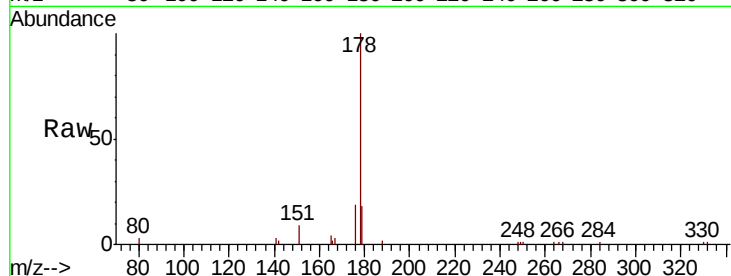
Tot Ion:178 Resp: 9930

Ion Ratio Lower Upper

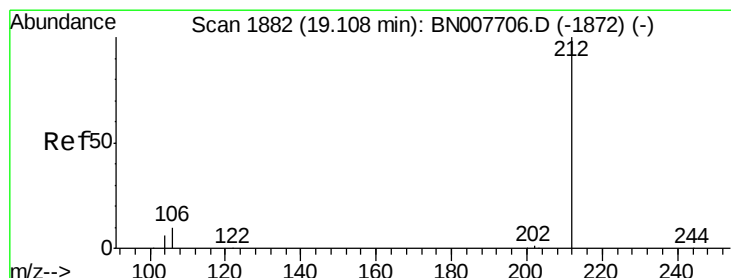
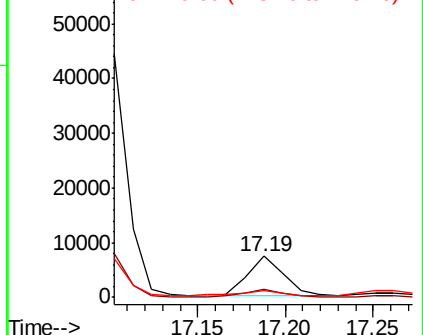
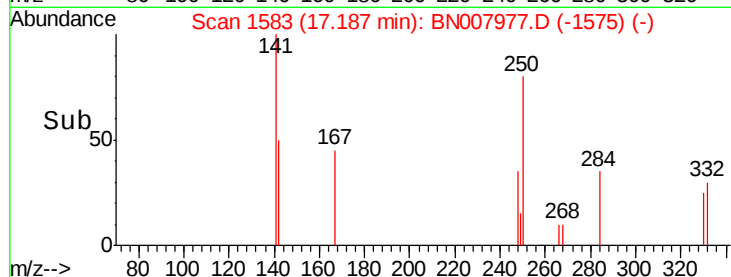
178 100

176 18.1 14.6 21.8

179 17.3 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: 0.234 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007977.D

Acq: 02 Oct 2019 22:05

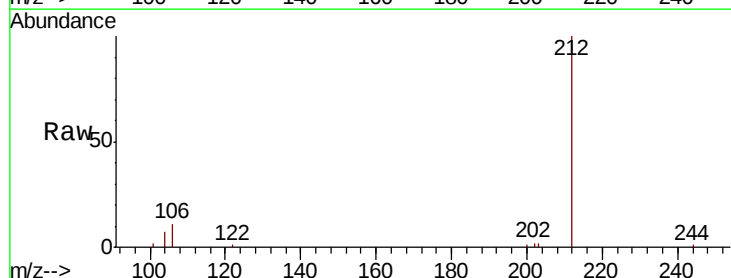
Tgt Ion:212 Resp: 26094

Ion Ratio Lower Upper

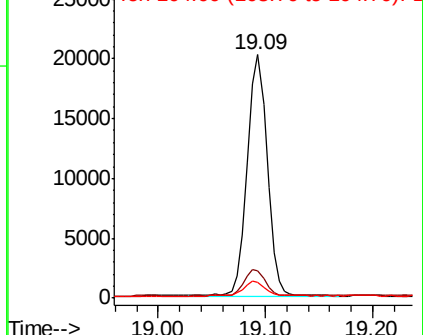
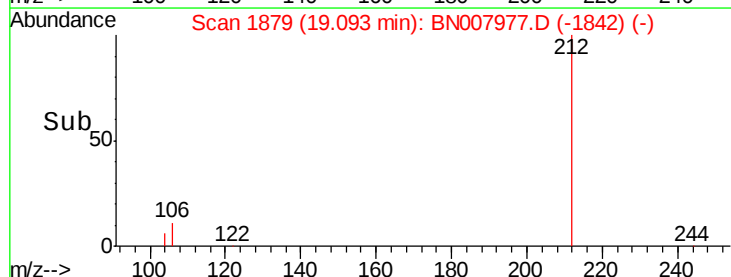
212 100

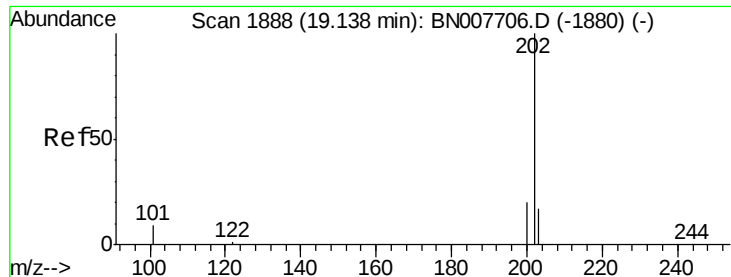
106 11.4 9.4 14.0

104 6.7 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

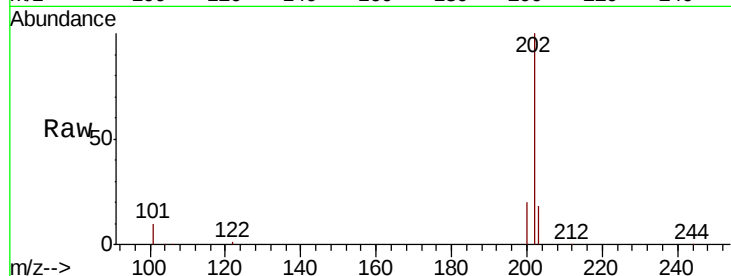




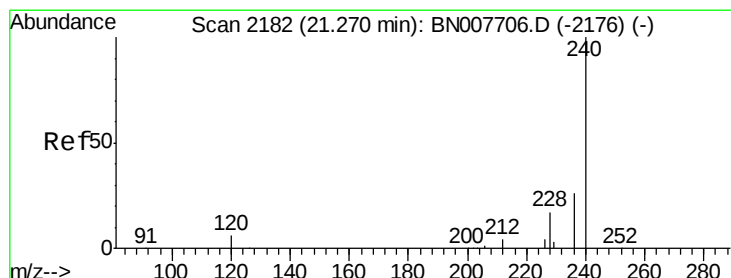
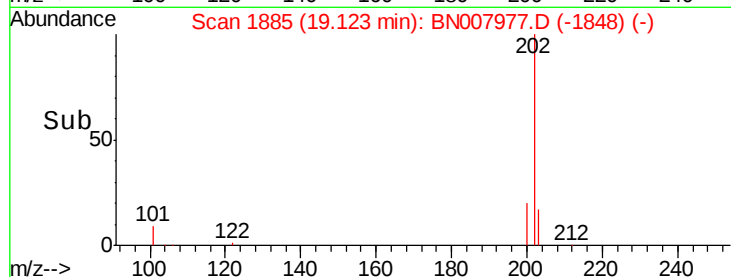
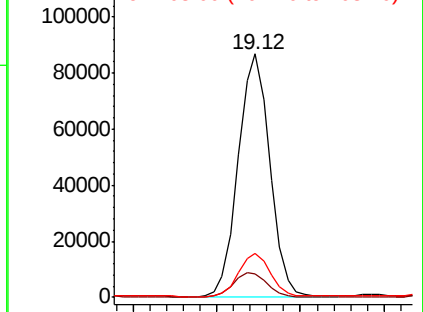
#26  
 Fluoranthene  
 Concen: 0.893 ng  
 RT: 19.12 min Scan# 1885  
 Delta R.T. -0.02 min  
 Lab File: BN007977.D  
 Acq: 02 Oct 2019 22:05

Instrument :  
 BNA\_N  
 ClientSampled :

Tot Ion:202 Resp: 114502  
 Ion Ratio Lower Upper  
 202 100  
 101 10.3 8.4 12.6  
 203 17.8 13.8 20.8

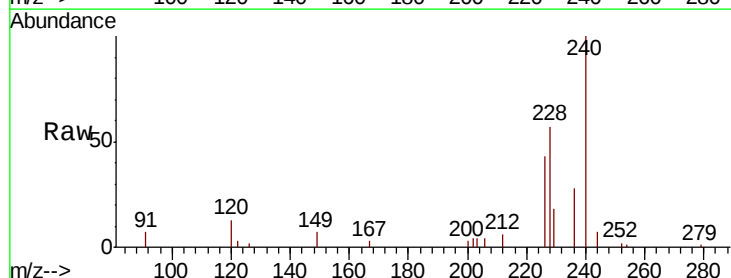


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

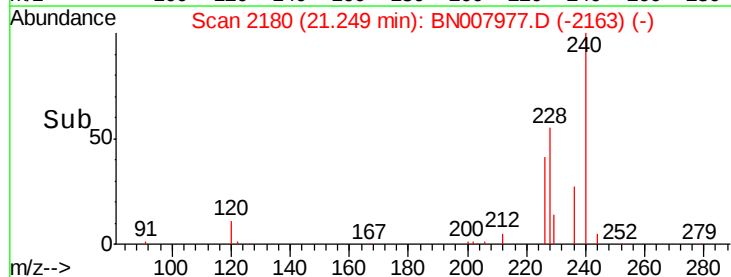
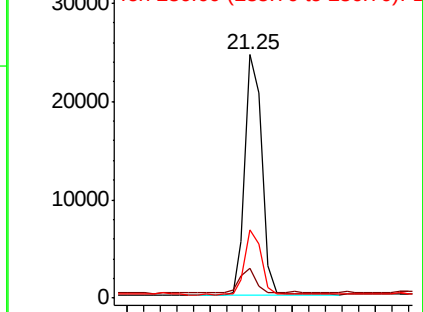


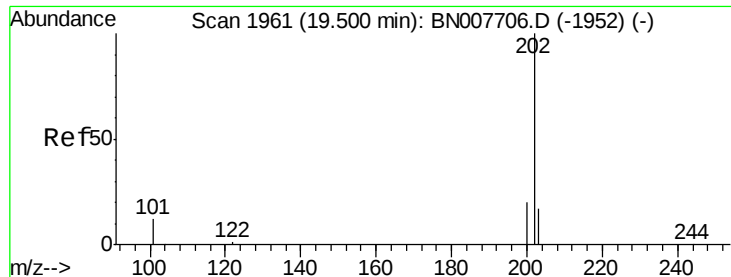
#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.25 min Scan# 2180  
 Delta R.T. -0.02 min  
 Lab File: BN007977.D  
 Acq: 02 Oct 2019 22:05

Tgt Ion:240 Resp: 35064  
 Ion Ratio Lower Upper  
 240 100  
 120 12.5 5.4 8.2#  
 236 28.1 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

Pvrene

Concen: 1.090 ng

RT: 19.49 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BN007977.D

Acq: 02 Oct 2019 22:05

Instrument :

BNA\_N

ClientSampleId :

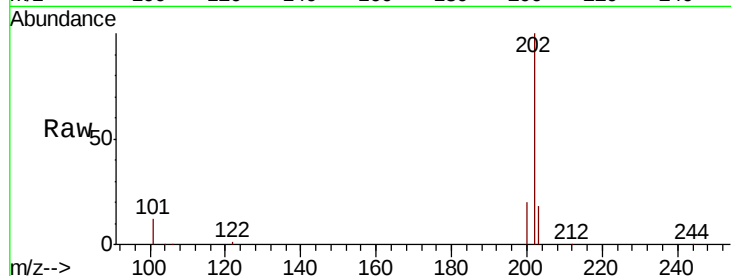
Tot Ion:202 Resp: 130304

Ion Ratio Lower Upper

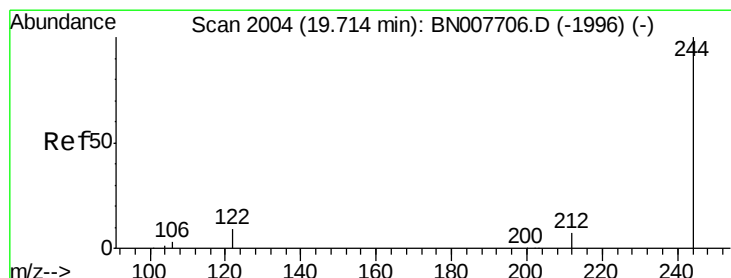
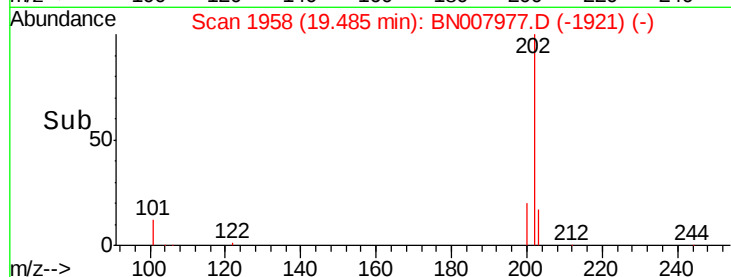
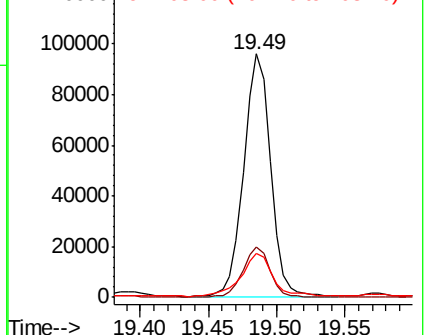
202 100

200 20.4 16.4 24.6

203 20.6 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: 0.249 ng

RT: 19.69 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BN007977.D

Acq: 02 Oct 2019 22:05

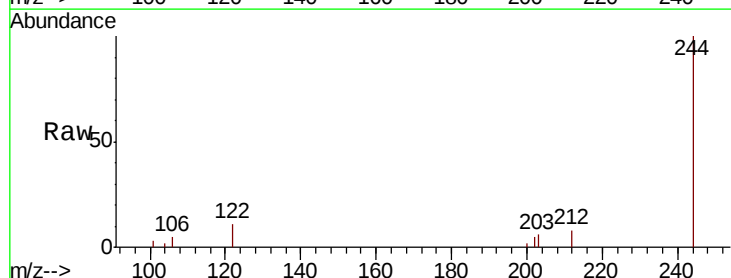
Tgt Ion:244 Resp: 21428

Ion Ratio Lower Upper

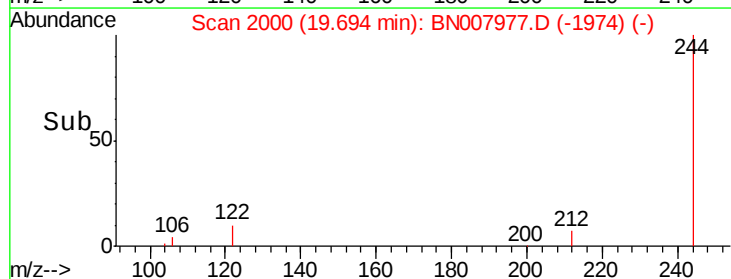
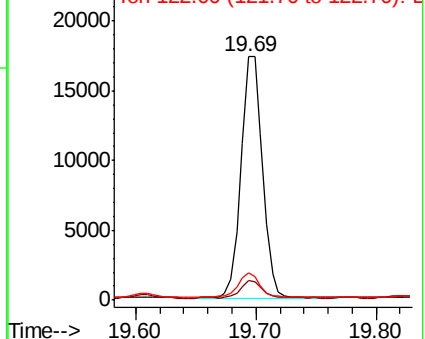
244 100

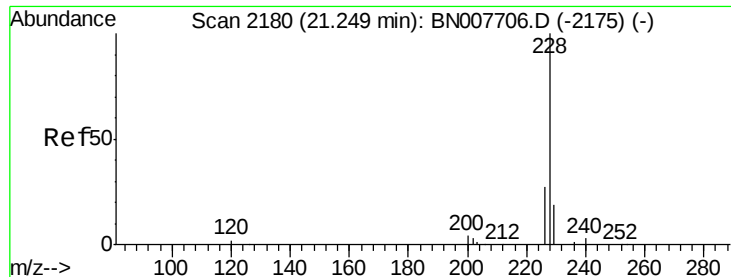
212 7.9 5.9 8.9

122 11.2 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

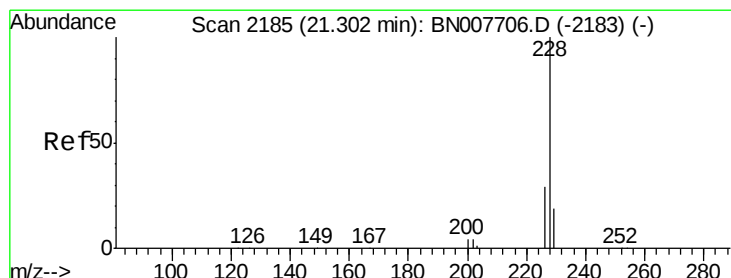
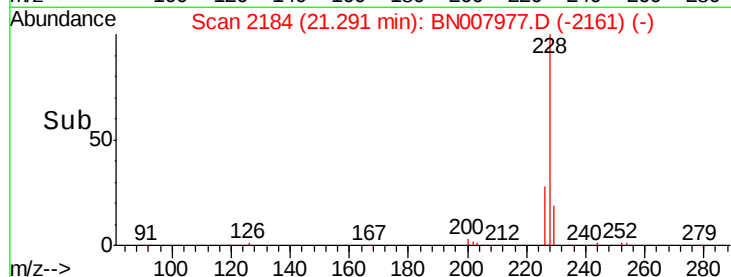
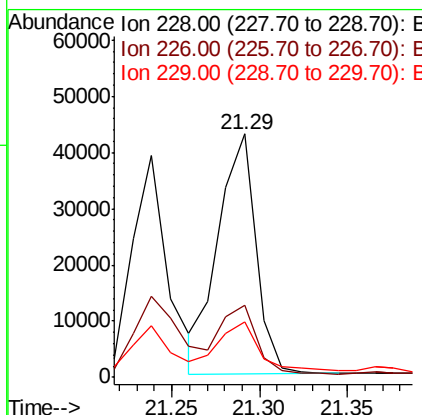
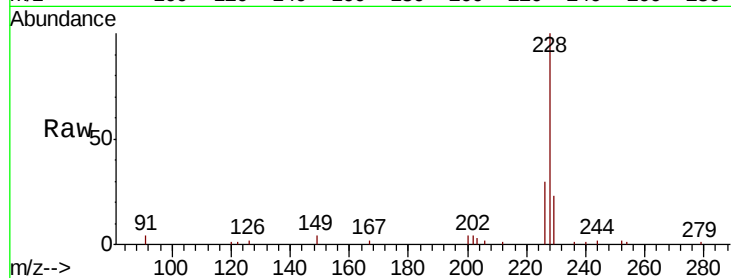




#30  
Benzo(a)anthracene  
Concen: 0.491 ng  
RT: 21.29 min Scan# 2184  
Delta R.T. 0.04 min  
Lab File: BN007977.D  
Acq: 02 Oct 2019 22:05

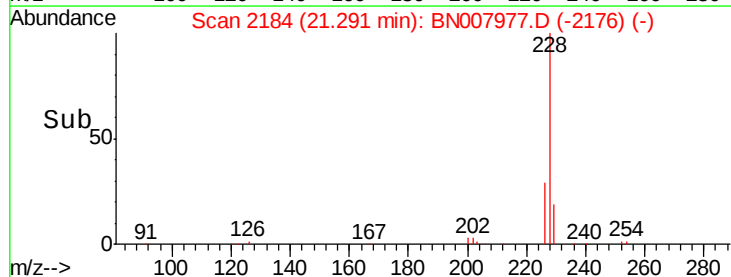
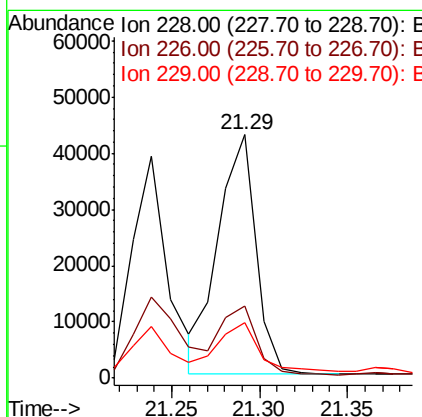
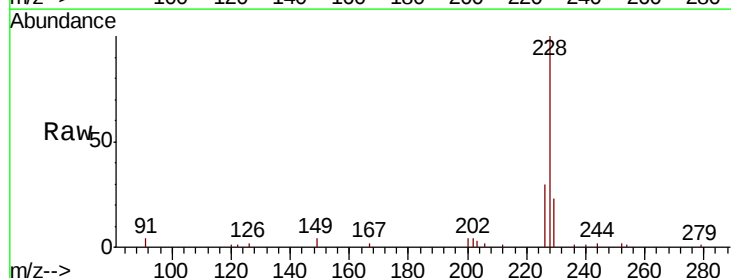
Instrument :  
BNA\_N  
ClientSampled :

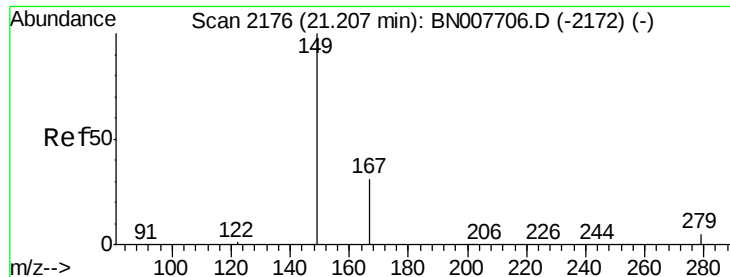
Tot Ion:228 Resp: 63367  
Ion Ratio Lower Upper  
228 100  
226 29.6 22.1 33.1  
229 23.0 15.8 23.6



#31  
Chrysene  
Concen: 0.502 ng  
RT: 21.29 min Scan# 2184  
Delta R.T. -0.01 min  
Lab File: BN007977.D  
Acq: 02 Oct 2019 22:05

Tgt Ion:228 Resp: 63122  
Ion Ratio Lower Upper  
228 100  
226 29.6 23.9 35.9  
229 23.0 15.8 23.6





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.071 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007977.D

Acq: 02 Oct 2019 22:05

Instrument :

BNA\_N

ClientSampleId :

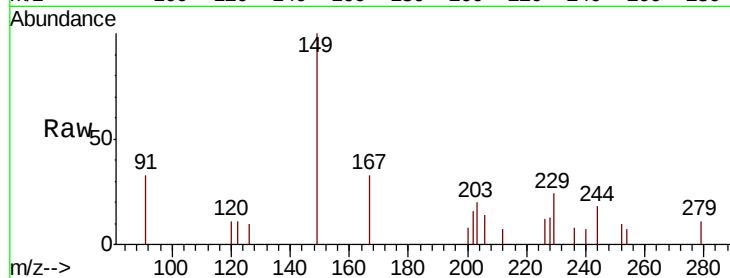
Tot Ion:149 Resp: 4684

Ion Ratio Lower Upper

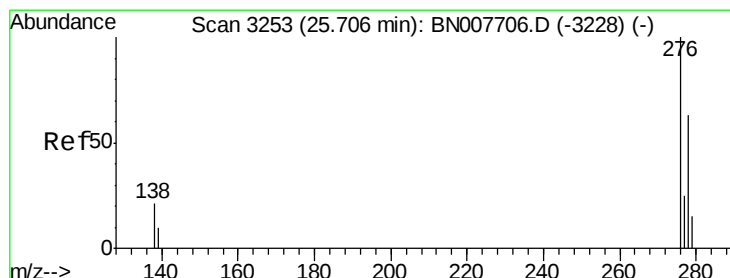
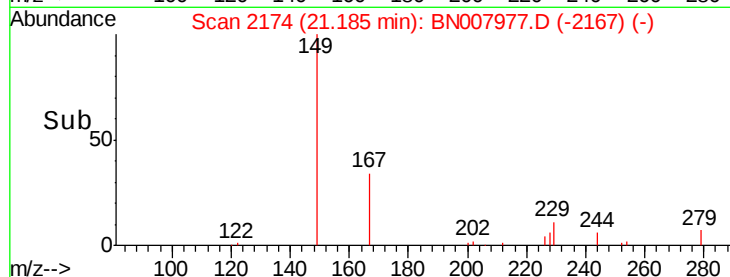
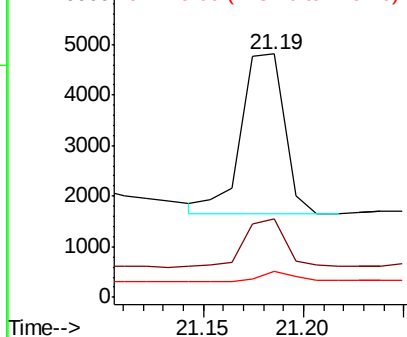
149 100

167 29.4 23.7 35.5

279 7.3 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: 0.212 ng

RT: 25.67 min Scan# 3243

Delta R.T. -0.03 min

Lab File: BN007977.D

Acq: 02 Oct 2019 22:05

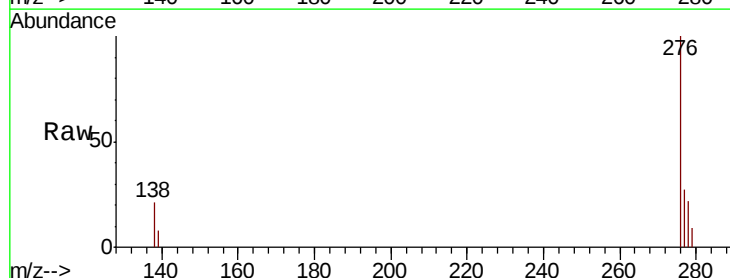
Tgt Ion:276 Resp: 33369

Ion Ratio Lower Upper

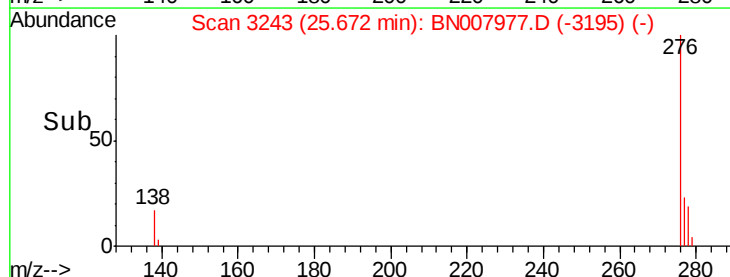
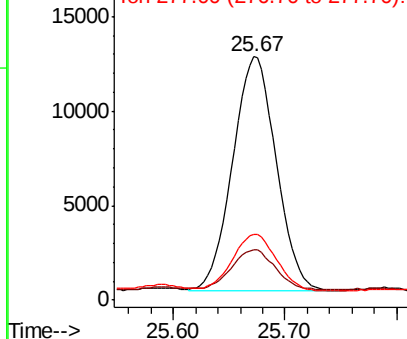
276 100

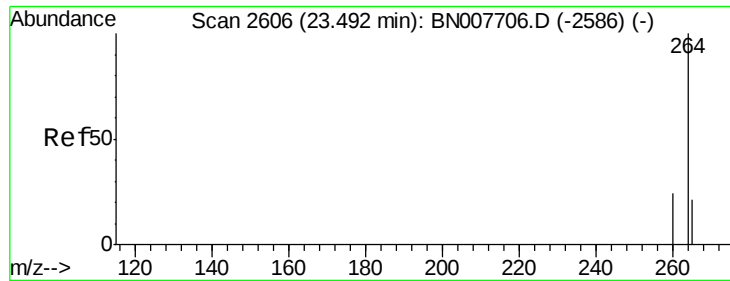
138 17.1 17.1 25.7#

277 24.9 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

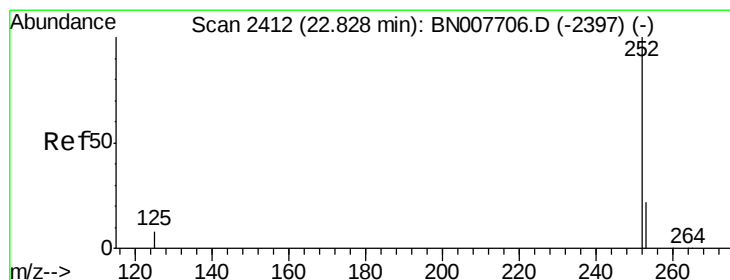
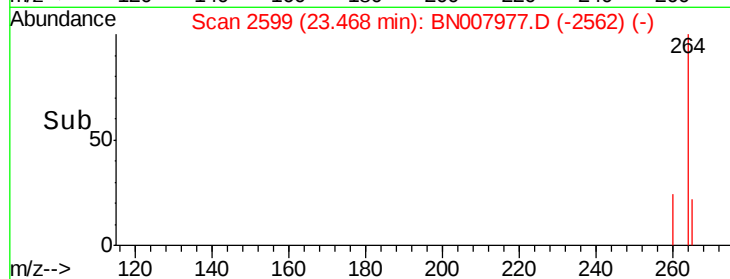
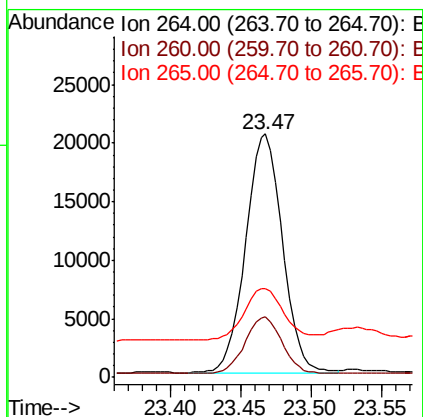
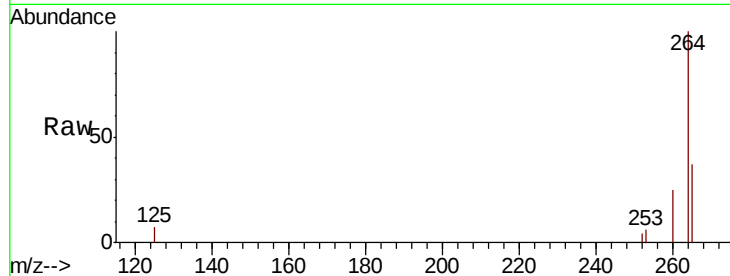




#34  
Pervlene-d12  
Concen: 0.400 ng  
RT: 23.47 min Scan# 2599  
Delta R.T. -0.02 min  
Lab File: BN007977.D  
Acq: 02 Oct 2019 22:05

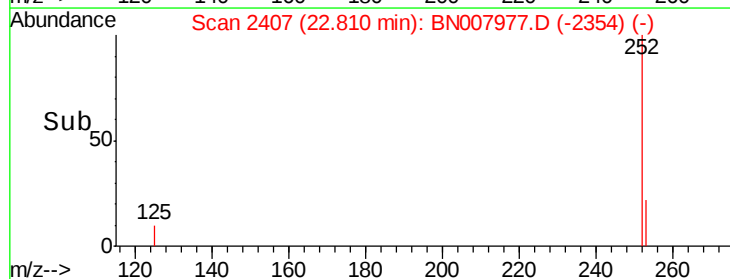
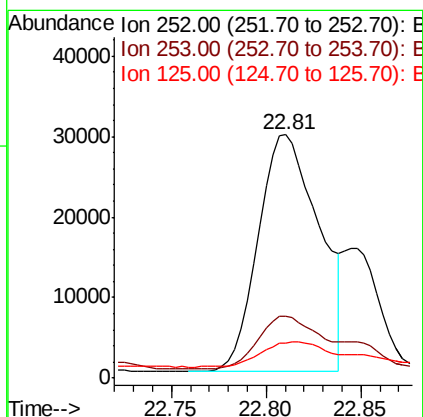
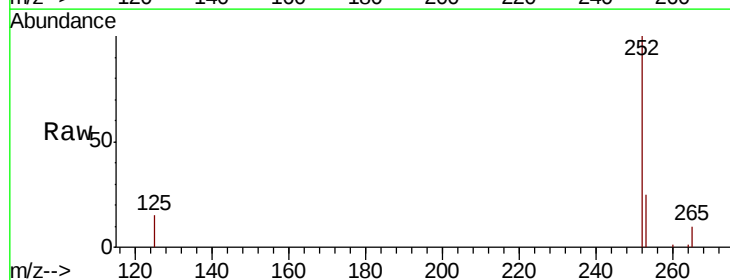
Instrument :  
BNA\_N  
ClientSampleId :

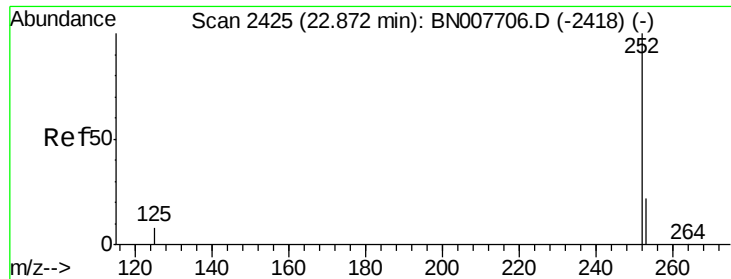
Tot Ion:264 Resp: 37061  
Ion Ratio Lower Upper  
264 100  
260 24.7 19.3 28.9  
265 36.7 26.9 40.3



#35  
Benzo(b)fluoranthene  
Concen: 0.512 ng  
RT: 22.81 min Scan# 2407  
Delta R.T. -0.02 min  
Lab File: BN007977.D  
Acq: 02 Oct 2019 22:05

Tgt Ion:252 Resp: 65930  
Ion Ratio Lower Upper  
252 100  
253 25.4 18.3 27.5  
125 14.6 8.2 12.4#

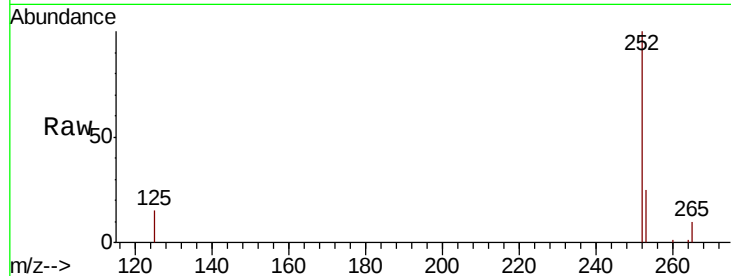




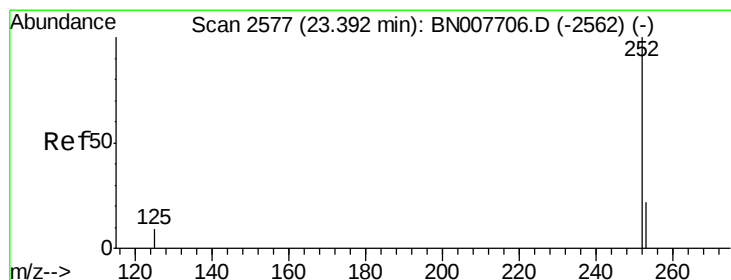
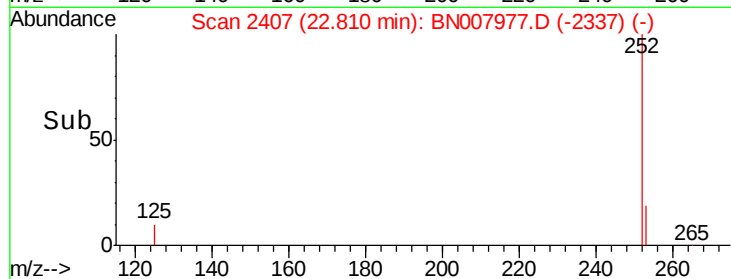
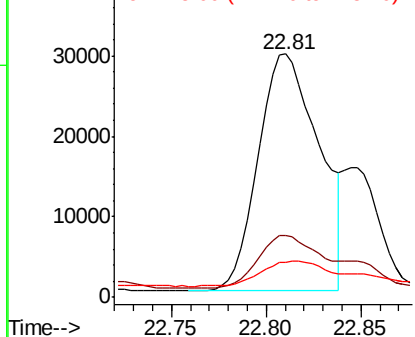
#36  
Benzo(k)fluoranthene  
Concen: 0.518 ng  
RT: 22.81 min Scan# 2407  
Delta R.T. -0.06 min  
Lab File: BN007977.D  
Acq: 02 Oct 2019 22:05

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:252 Resp: 65930  
Ion Ratio Lower Upper  
252 100  
253 25.4 18.5 27.7  
125 14.6 8.4 12.6#

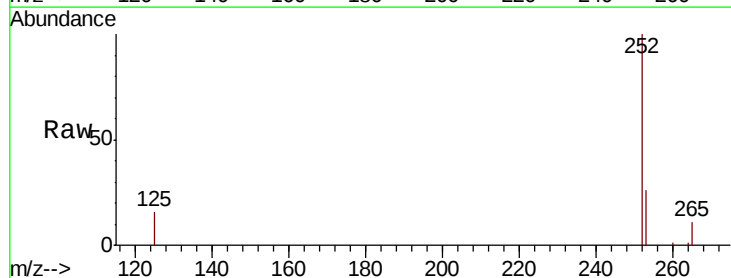


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

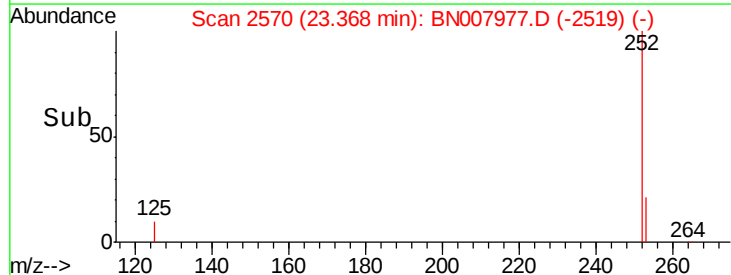
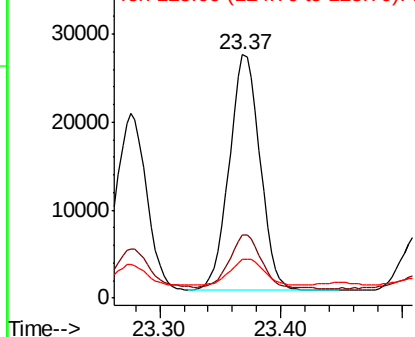


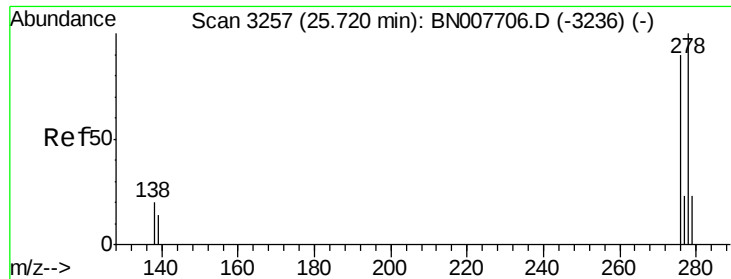
#37  
Benzo(a)pyrene  
Concen: 0.391 ng  
RT: 23.37 min Scan# 2570  
Delta R.T. -0.02 min  
Lab File: BN007977.D  
Acq: 02 Oct 2019 22:05

Tgt Ion:252 Resp: 47308  
Ion Ratio Lower Upper  
252 100  
253 25.7 18.6 27.8  
125 15.8 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

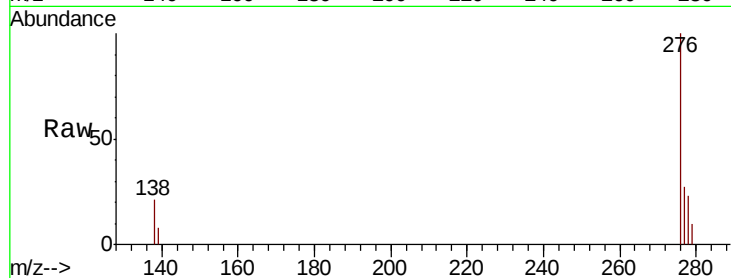




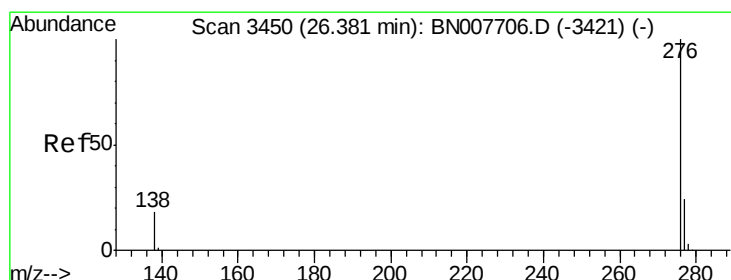
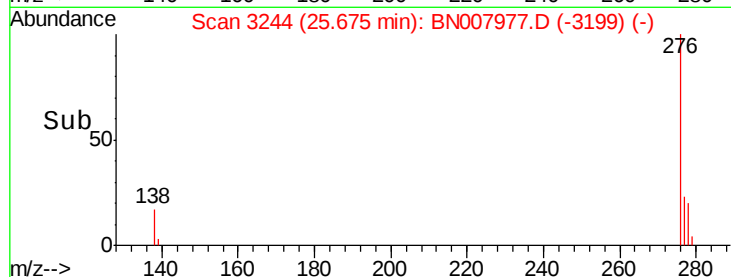
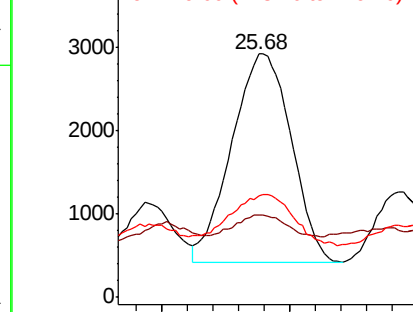
#38  
Dibenzo(a,h)anthracene  
Concen: 0.065 ng  
RT: 25.68 min Scan# 3244  
Delta R.T. -0.04 min  
Lab File: BN007977.D  
Acq: 02 Oct 2019 22:05

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:278 Resp: 8092  
Ion Ratio Lower Upper  
278 100  
139 33.8 11.8 17.6#  
279 41.8 19.4 29.2#

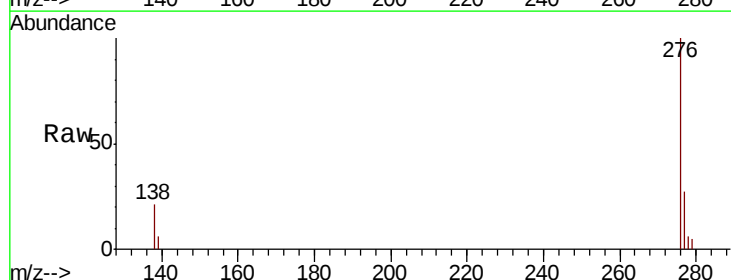


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#39  
Benzo(g,h,i)perylene  
Concen: 0.294 ng  
RT: 26.35 min Scan# 3440  
Delta R.T. -0.03 min  
Lab File: BN007977.D  
Acq: 02 Oct 2019 22:05

Tgt Ion:276 Resp: 35942  
Ion Ratio Lower Upper  
276 100  
277 26.7 19.8 29.8  
138 21.1 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

