

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\  
 Data File : BN008023.D  
 Acq On : 05 Oct 2019 13:29  
 Operator : JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Oct 07 00:14:11 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 03 18:39:49 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 4314     | 0.40 | ng    | -0.02    |
| 7) Naphthalene-d8         | 10.46 | 136  | 16730    | 0.40 | ng    | -0.01    |
| 13) Acenaphthene-d10      | 14.30 | 164  | 10859    | 0.40 | ng    | -0.02    |
| 19) Phenanthrene-d10      | 17.06 | 188  | 21571    | 0.40 | ng    | -0.01    |
| 27) Chrysene-d12          | 21.25 | 240  | 22224    | 0.40 | ng    | -0.02    |
| 34) Perylene-d12          | 23.47 | 264  | 23651    | 0.40 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.32  | 112  | 5600     | 0.38 | ng    | 0.00     |
| 5) Phenol-d6                | 6.88  | 99   | 7172     | 0.39 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.82  | 82   | 6632     | 0.45 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10 | 12.04 | 152  | 11857    | 0.42 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol    | 15.81 | 330  | 2480     | 0.42 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl        | 12.92 | 172  | 16265    | 0.36 | ng    | -0.02    |
| 25) Fluoranthene-d10        | 19.09 | 212  | 29628    | 0.41 | ng    | -0.02    |
| 29) Terphenyl-d14           | 19.69 | 244  | 24872    | 0.46 | ng    | -0.02    |

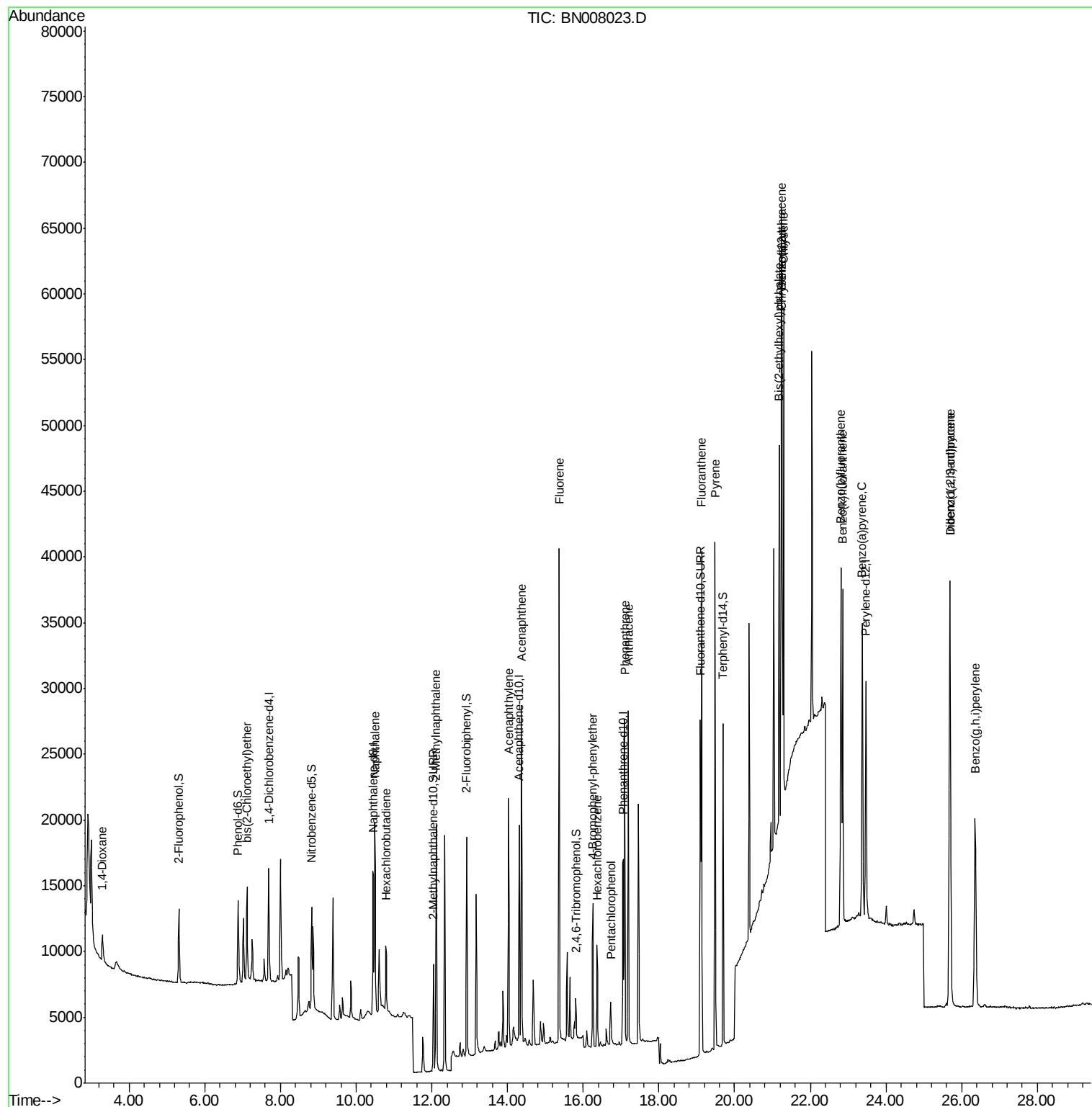
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.30  | 88   | 2086     | 0.434 | ng    | # 84   |
| 6) bis(2-Chloroethyl)ether     | 7.11  | 93   | 6223     | 0.509 | ng    | # 89   |
| 9) Naphthalene                 | 10.49 | 128  | 19347    | 0.412 | ng    | 98     |
| 10) Hexachlorobutadiene        | 10.79 | 225  | 4505     | 0.456 | ng    | # 100  |
| 12) 2-Methylnaphthalene        | 12.12 | 142  | 13299    | 0.419 | ng    | 99     |
| 16) Acenaphthylene             | 14.02 | 152  | 20992    | 0.364 | ng    | 100    |
| 17) Acenaphthene               | 14.37 | 154  | 13067    | 0.352 | ng    | 98     |
| 18) Fluorene                   | 15.36 | 166  | 16938    | 0.356 | ng    | 99     |
| 20) 4-Bromophenyl-phenylether  | 16.25 | 248  | 5591     | 0.427 | ng    | 94     |
| 21) Hexachlorobenzene          | 16.37 | 284  | 6209     | 0.434 | ng    | 97     |
| 22) Pentachlorophenol          | 16.73 | 266  | 2253     | 0.427 | ng    | 98     |
| 23) Phenanthrene               | 17.09 | 178  | 27413    | 0.408 | ng    | 99     |
| 24) Anthracene                 | 17.19 | 178  | 26373    | 0.435 | ng    | 99     |
| 26) Fluoranthene               | 19.12 | 202  | 34181    | 0.409 | ng    | 99     |
| 28) Pyrene                     | 19.49 | 202  | 35238    | 0.465 | ng    | 100    |
| 30) Benzo(a)anthracene         | 21.24 | 228  | 34196    | 0.418 | ng    | 97     |
| 31) Chrysene                   | 21.29 | 228  | 33237    | 0.417 | ng    | 96     |
| 32) Bis(2-ethylhexyl)phthalate | 21.17 | 149  | 21950    | 0.521 | ng    | 99     |
| 33) Indeno(1,2,3-cd)pyrene     | 25.68 | 276  | 37908    | 0.380 | ng    | 98     |
| 35) Benzo(b)fluoranthene       | 22.81 | 252  | 32655    | 0.398 | ng    | # 77   |
| 36) Benzo(k)fluoranthene       | 22.85 | 252  | 32856    | 0.405 | ng    | # 80   |
| 37) Benzo(a)pyrene             | 23.37 | 252  | 30943    | 0.401 | ng    | # 67   |
| 38) Dibenzo(a,h)anthracene     | 25.69 | 278  | 30883    | 0.391 | ng    | # 82   |
| 39) Benzo(g,h,i)perylene       | 26.36 | 276  | 30721    | 0.393 | ng    | # 87   |

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

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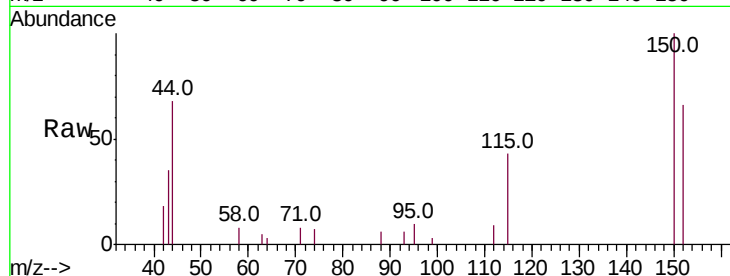


#1

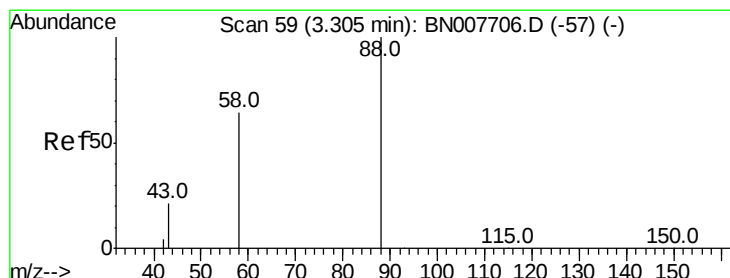
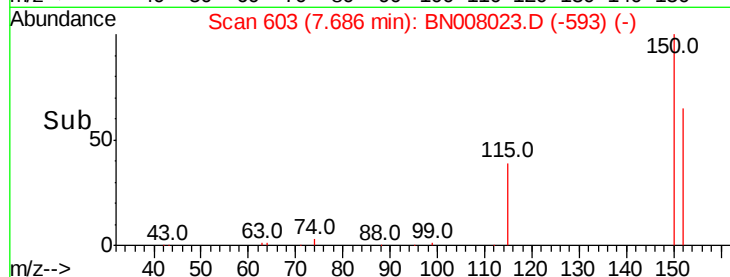
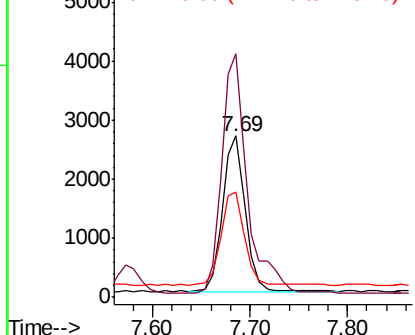
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.69 min Scan# 603  
Delta R.T. -0.02 min  
Lab File: BN008023.D  
Acq: 05 Oct 2019 13:29

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tot Ion:152 Resp: 4314  
Ion Ratio Lower Upper  
152 100  
150 151.0 125.6 188.4  
115 65.2 53.3 79.9



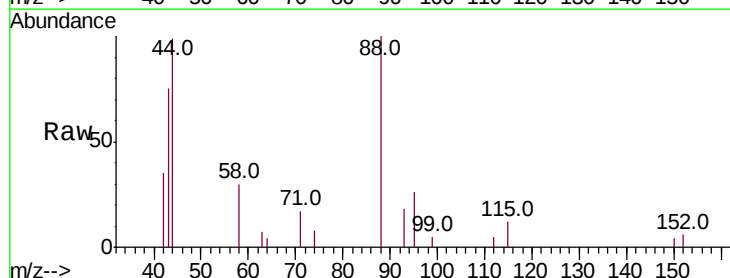
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



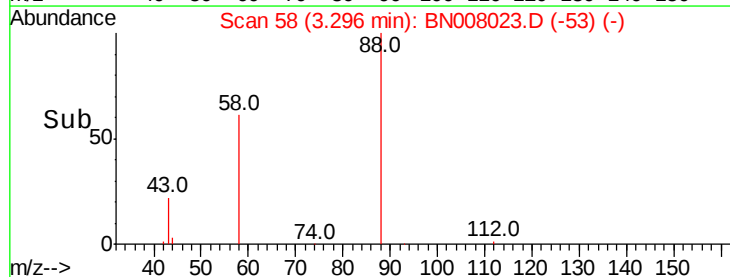
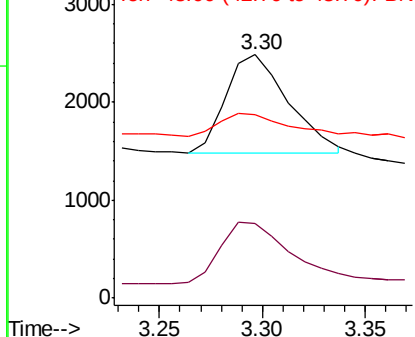
#2

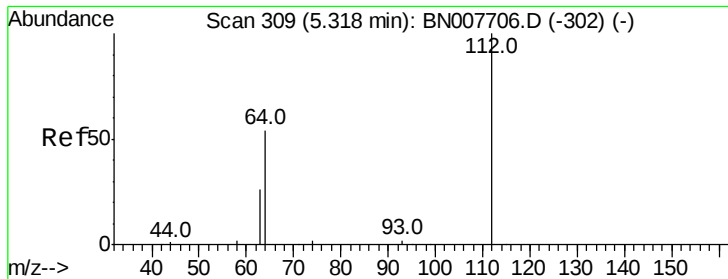
1,4-Dioxane  
Concen: 0.434 ng  
RT: 3.30 min Scan# 58  
Delta R.T. -0.01 min  
Lab File: BN008023.D  
Acq: 05 Oct 2019 13:29

Tgt Ion: 88 Resp: 2086  
Ion Ratio Lower Upper  
88 100  
58 67.0 44.6 66.8#  
43 25.6 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





#4

2-Fluorophenol

Concen: 0.377 ng

RT: 5.32 min Scan# 309

Delta R.T. -0.00 min

Lab File: BN008023.D

Acq: 05 Oct 2019 13:29

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

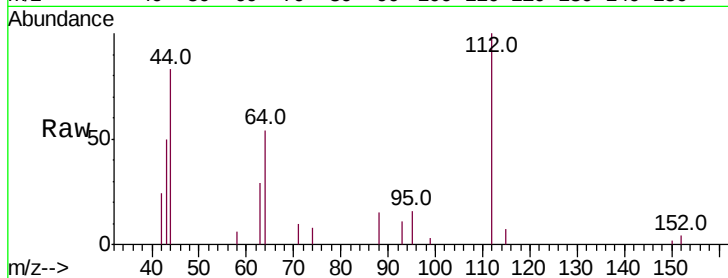
Tot Ion:112 Resp: 5600

Ion Ratio Lower Upper

112 100

64 58.3 46.6 70.0

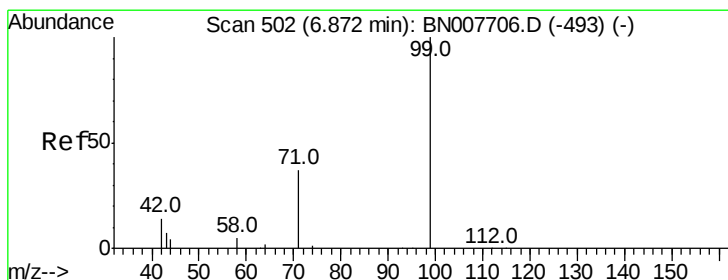
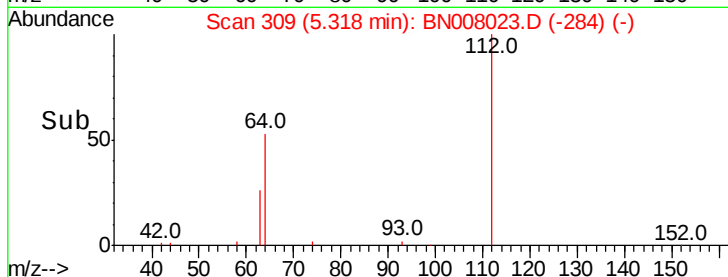
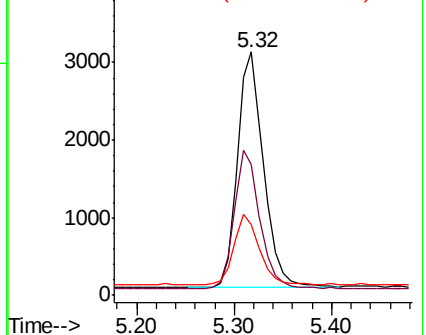
63 29.8 23.1 34.7



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: 0.387 ng

RT: 6.88 min Scan# 503

Delta R.T. 0.01 min

Lab File: BN008023.D

Acq: 05 Oct 2019 13:29

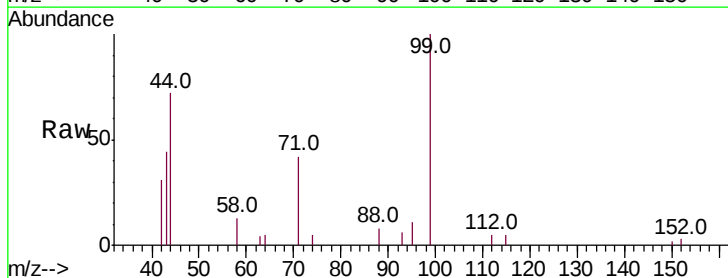
Tgt Ion: 99 Resp: 7172

Ion Ratio Lower Upper

99 100

42 17.9 12.8 19.2

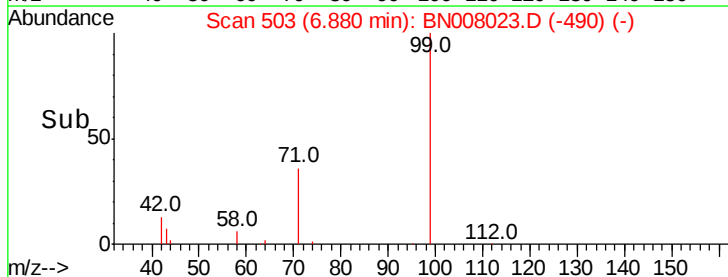
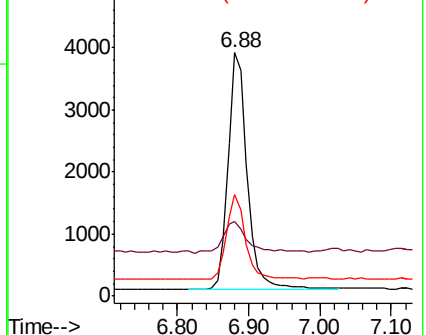
71 34.6 27.6 41.4

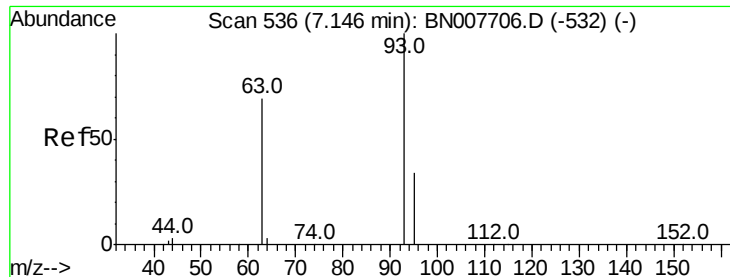


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.509 ng

RT: 7.11 min Scan# 532

Delta R.T. -0.03 min

Lab File: BN008023.D

Acq: 05 Oct 2019 13:29

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

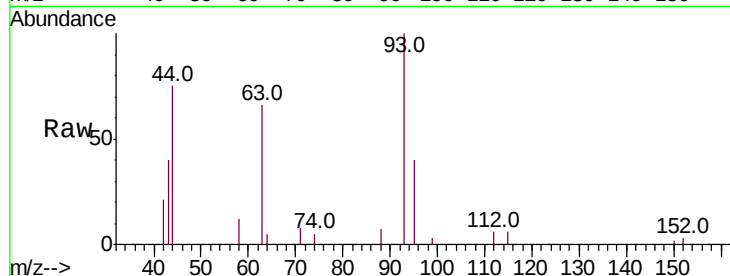
Tot Ion: 93 Resp: 6223

Ion Ratio Lower Upper

93 100

63 66.4 59.3 88.9

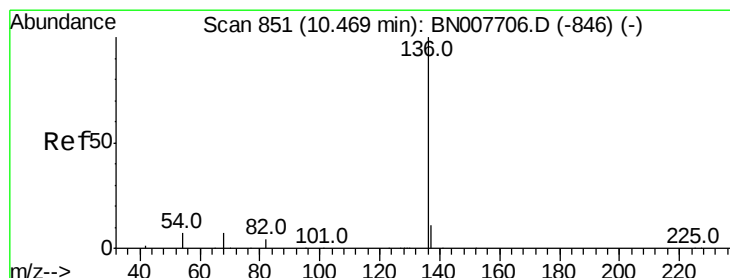
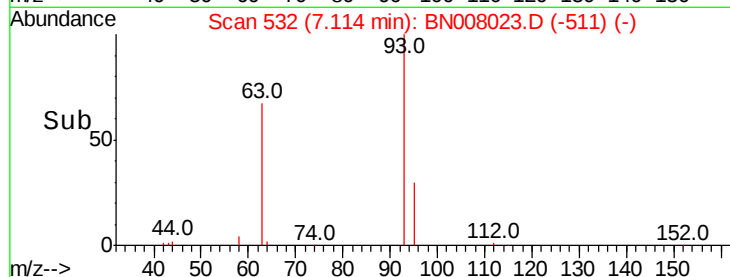
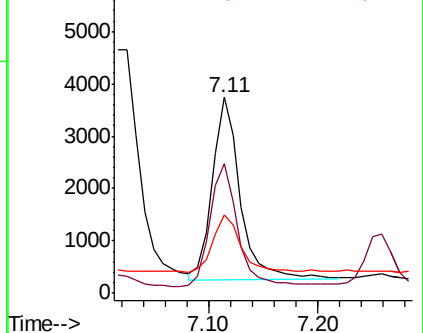
95 30.9 31.4 47.0#



Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-532) (-)

Ion 95.00 (94.70 to 95.70): BN007706.D (-532) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN008023.D

Acq: 05 Oct 2019 13:29

Tgt Ion: 136 Resp: 16730

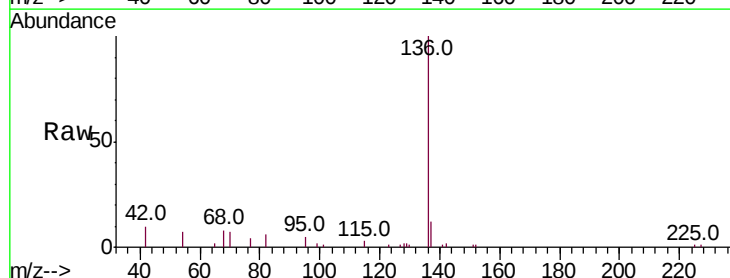
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 6.6 5.8 8.8

68 8.3 6.5 9.7

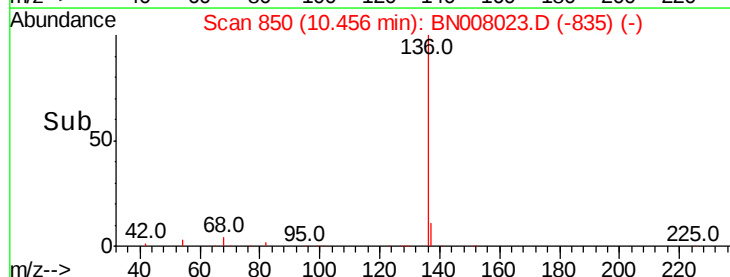
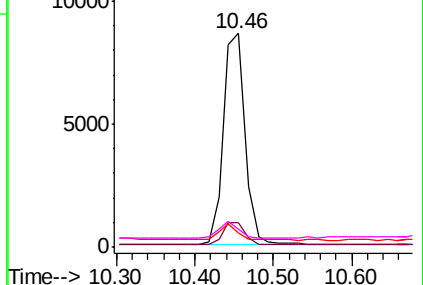


Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

Ion 137.00 (136.70 to 137.70): BN007706.D (-846) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-846) (-)

Ion 68.00 (67.70 to 68.70): BN007706.D (-846) (-)





#8

Nitrobenzene-d5

Concen: 0.453 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN008023.D

Acq: 05 Oct 2019 13:29

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

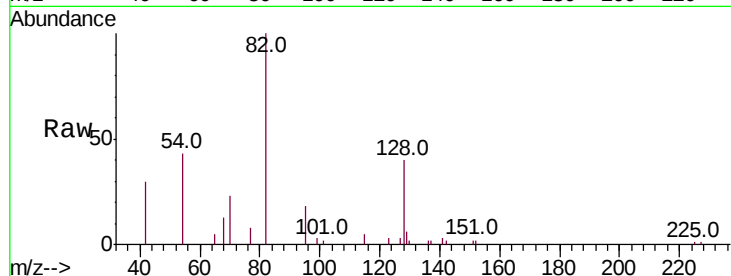
Tot Ion: 82 Resp: 6632

Ion Ratio Lower Upper

82 100

128 40.0 24.5 36.7#

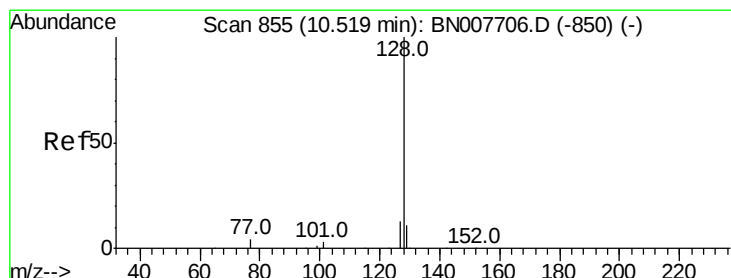
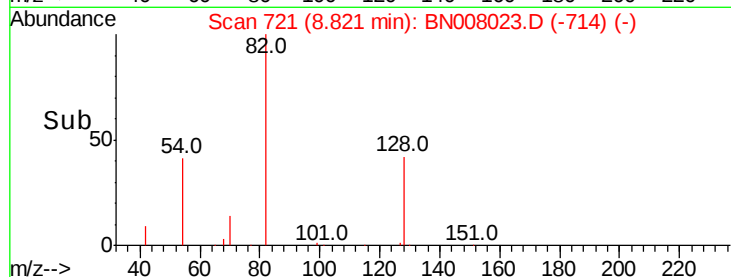
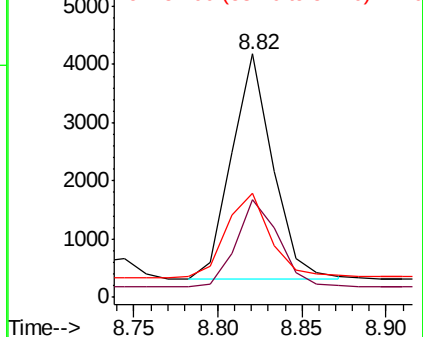
54 42.6 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BN007706.D (-719) (-)

Ion 128.00 (127.70 to 128.70): BN007706.D (-719) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-719) (-)



#9

Naphthalene

Concen: 0.412 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN008023.D

Acq: 05 Oct 2019 13:29

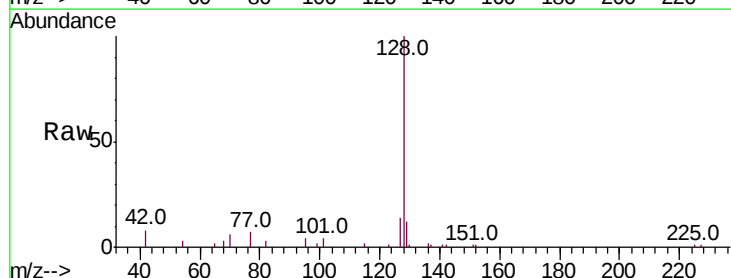
Tgt Ion: 128 Resp: 19347

Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

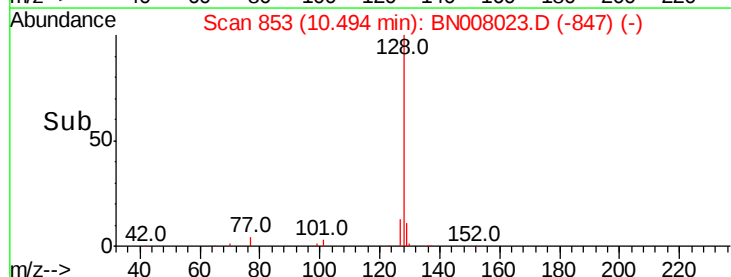
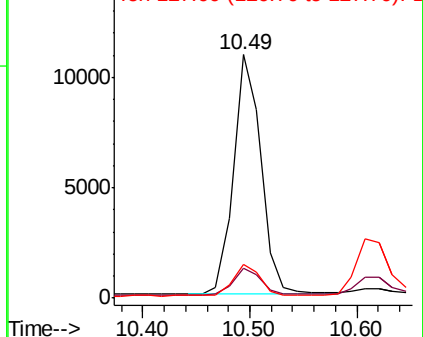
127 13.9 10.6 15.8

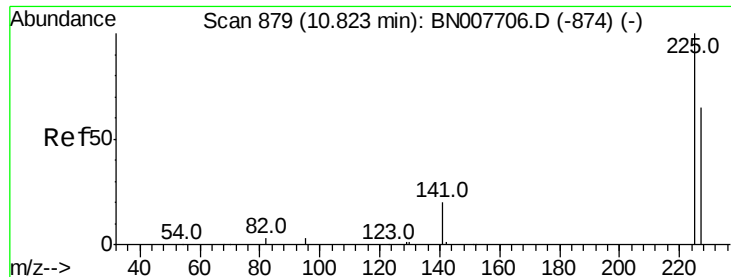


Abundance Ion 128.00 (127.70 to 128.70): BN007706.D (-850) (-)

Ion 129.00 (128.70 to 129.70): BN007706.D (-850) (-)

Ion 127.00 (126.70 to 127.70): BN007706.D (-850) (-)

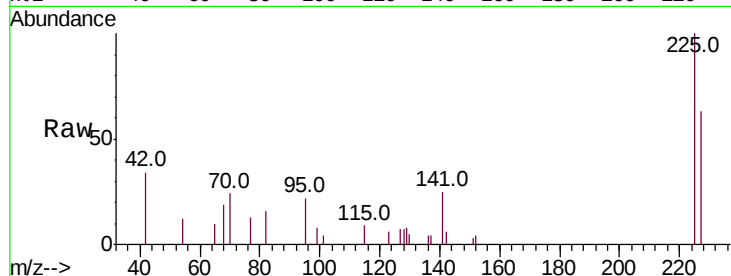




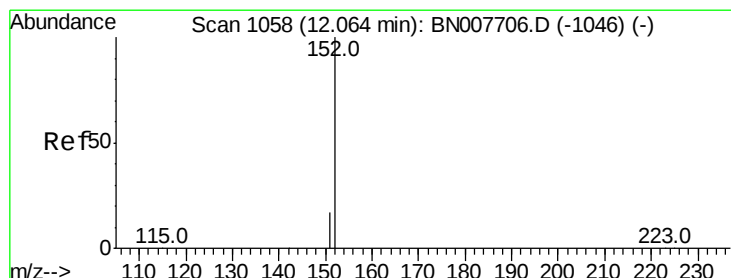
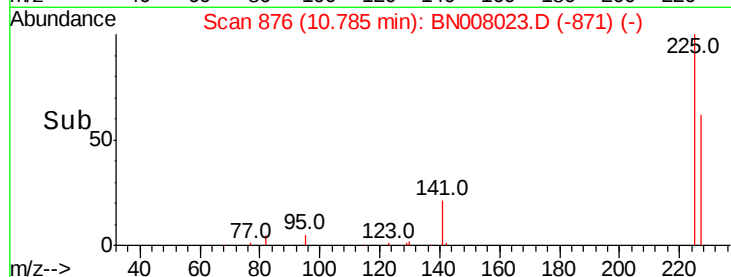
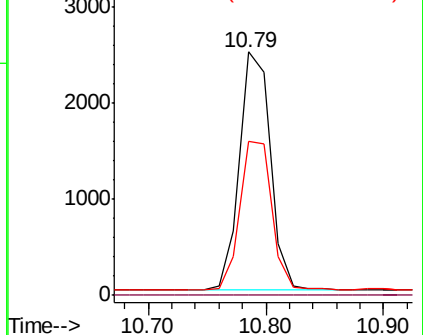
#10  
Hexachlorobutadiene  
Concen: 0.456 ng  
RT: 10.79 min Scan# 876  
Delta R.T. -0.04 min  
Lab File: BN008023.D  
Acq: 05 Oct 2019 13:29

Instrument :  
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SSTDCCC0.4

Tot Ion:225 Resp: 4505  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.6 51.2 76.8

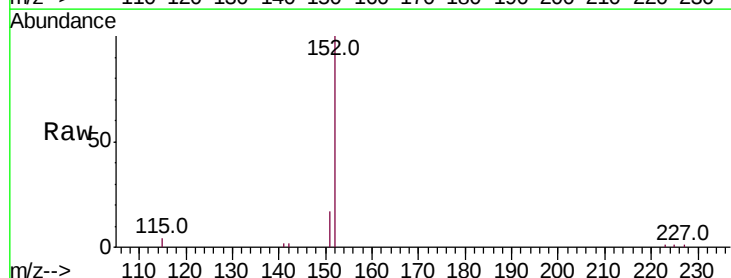


Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

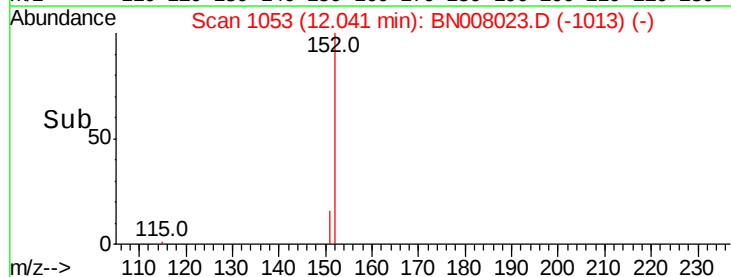
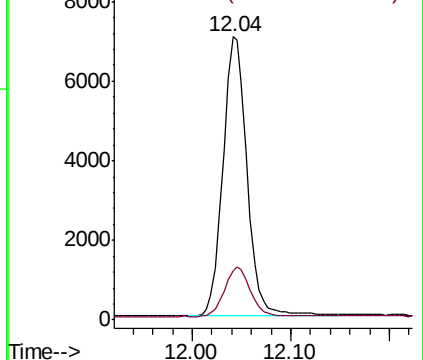


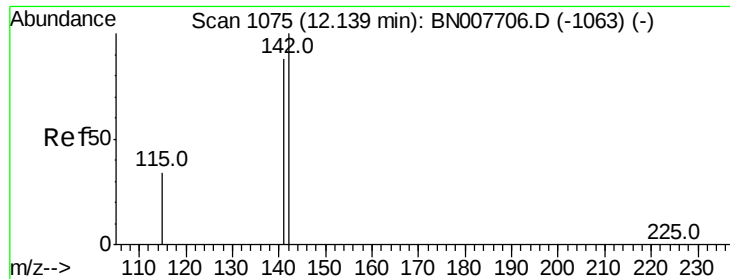
#11  
2-Methylnaphthalene-d10  
Concen: 0.421 ng  
RT: 12.04 min Scan# 1053  
Delta R.T. -0.02 min  
Lab File: BN008023.D  
Acq: 05 Oct 2019 13:29

Tgt Ion:152 Resp: 11857  
Ion Ratio Lower Upper  
152 100  
151 18.9 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E

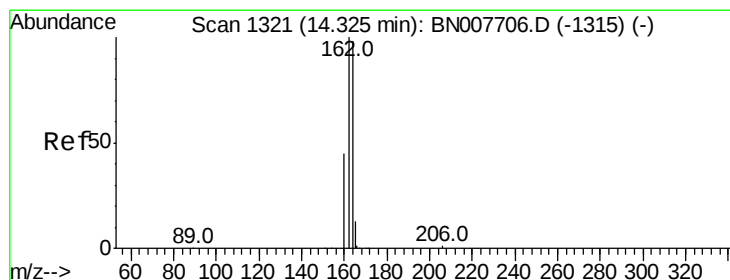
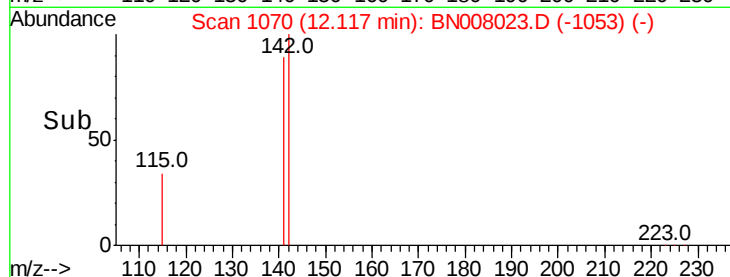
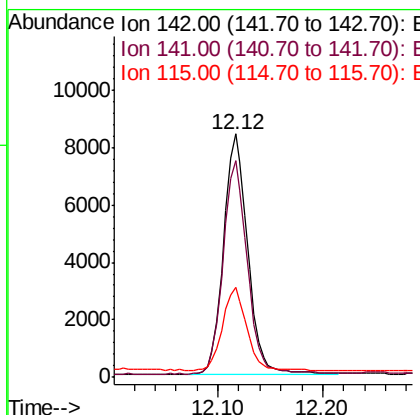
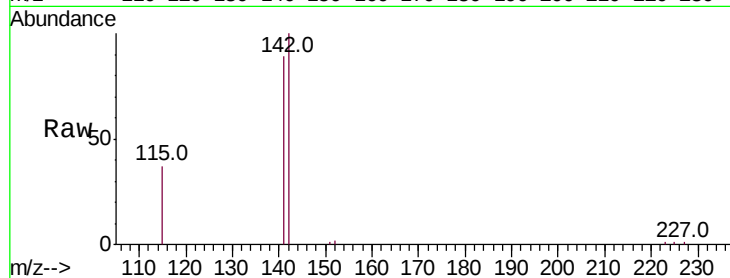




#12  
2-Methylnaphthalene  
Concen: 0.419 ng  
RT: 12.12 min Scan# 1070  
Delta R.T. -0.02 min  
Lab File: BN008023.D  
Acq: 05 Oct 2019 13:29

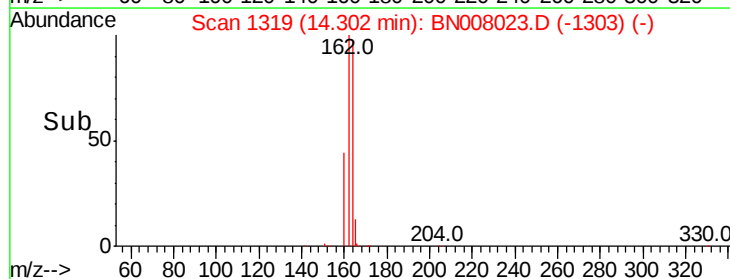
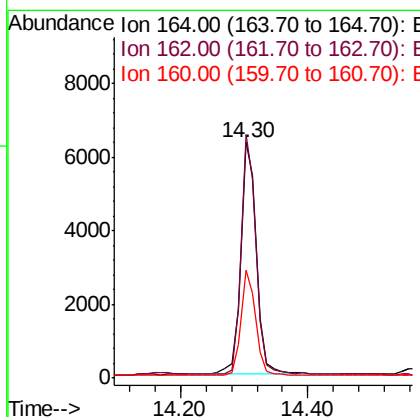
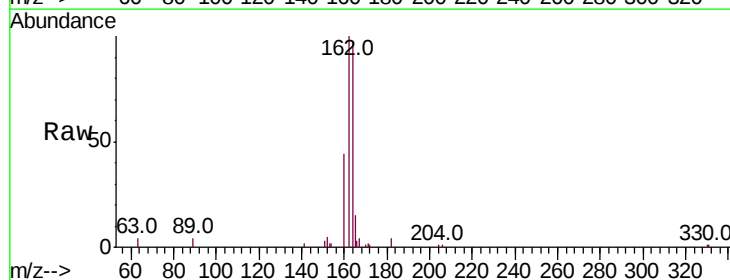
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

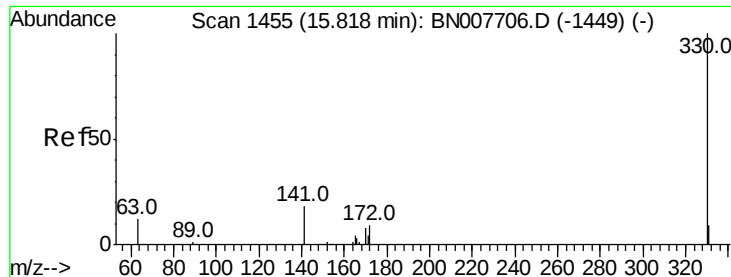
Tot Ion:142 Resp: 13299  
Ion Ratio Lower Upper  
142 100  
141 88.9 70.6 106.0  
115 37.1 28.3 42.5



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.30 min Scan# 1319  
Delta R.T. -0.02 min  
Lab File: BN008023.D  
Acq: 05 Oct 2019 13:29

Tgt Ion:164 Resp: 10859  
Ion Ratio Lower Upper  
164 100  
162 103.2 81.7 122.5  
160 45.8 37.0 55.4

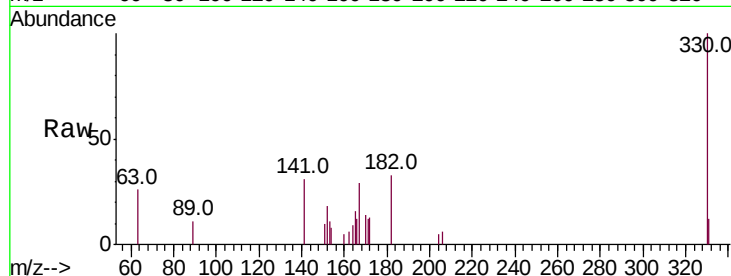




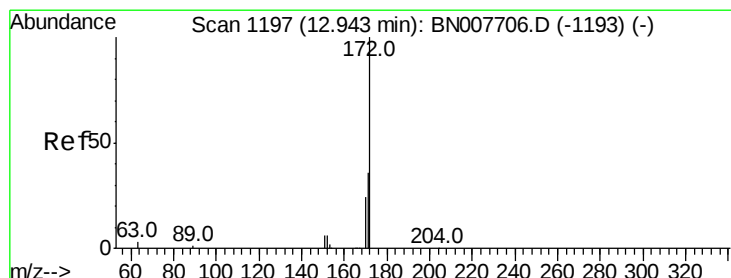
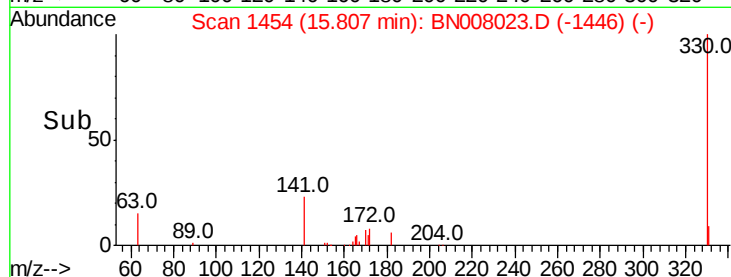
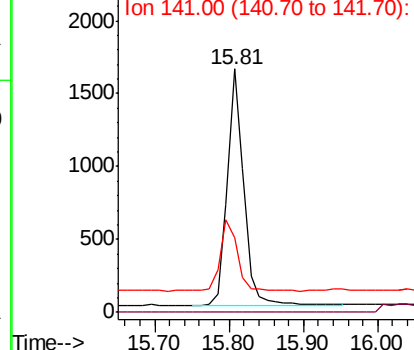
#14  
 2,4,6-Tribromophenol  
 Concen: 0.419 ng  
 RT: 15.81 min Scan# 1454  
 Delta R.T. -0.01 min  
 Lab File: BN008023.D  
 Acq: 05 Oct 2019 13:29

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Tot Ion:330 Resp: 2480  
 Ion Ratio Lower Upper  
 330 100  
 332 0.0 0.0 0.0  
 141 32.9 28.7 43.1

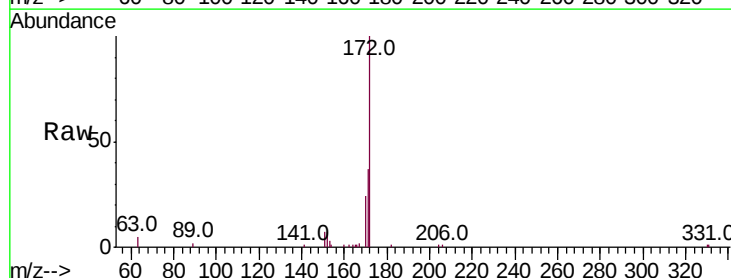


Abundance Ion 330.00 (329.70 to 330.70): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

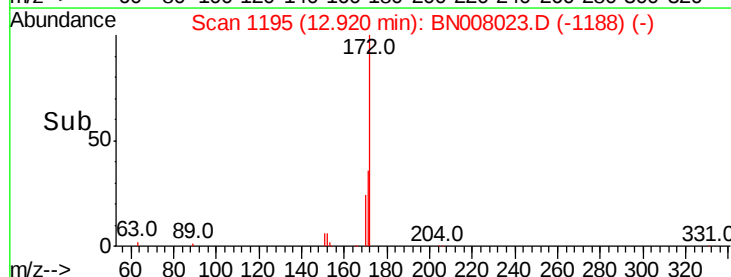
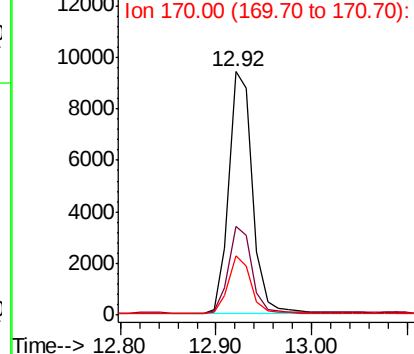


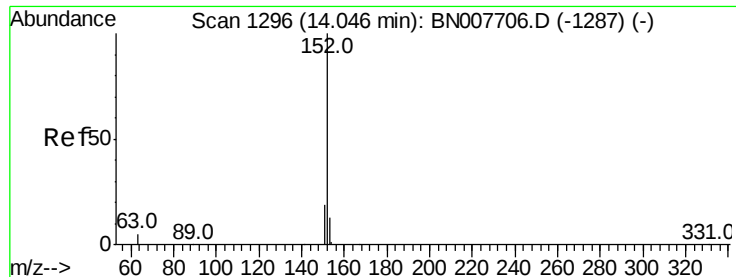
#15  
 2-Fluorobiphenyl  
 Concen: 0.364 ng  
 RT: 12.92 min Scan# 1195  
 Delta R.T. -0.02 min  
 Lab File: BN008023.D  
 Acq: 05 Oct 2019 13:29

Tgt Ion:172 Resp: 16265  
 Ion Ratio Lower Upper  
 172 100  
 171 36.7 28.8 43.2  
 170 24.2 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.364 ng

RT: 14.02 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BN008023.D

Acq: 05 Oct 2019 13:29

Instrument :

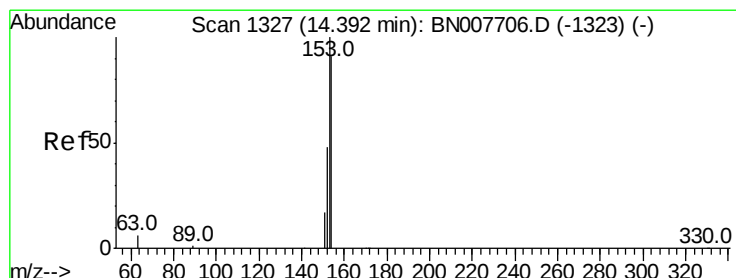
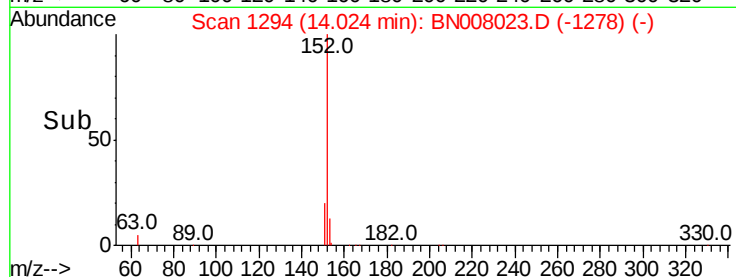
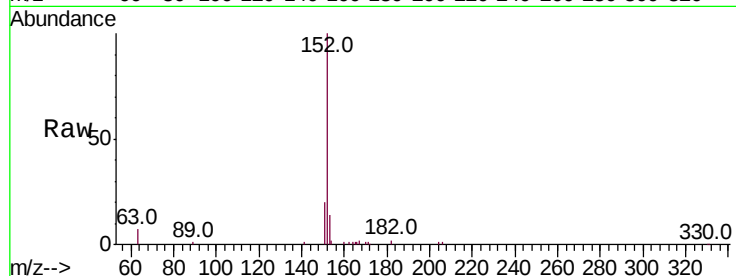
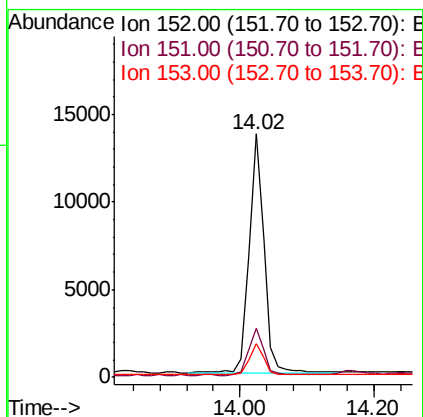
BNA\_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:152 Resp: 20992

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.6  | 15.5  | 23.3  |
| 153 | 12.9  | 10.4  | 15.6  |



#17

Acenaphthene

Concen: 0.352 ng

RT: 14.37 min Scan# 1325

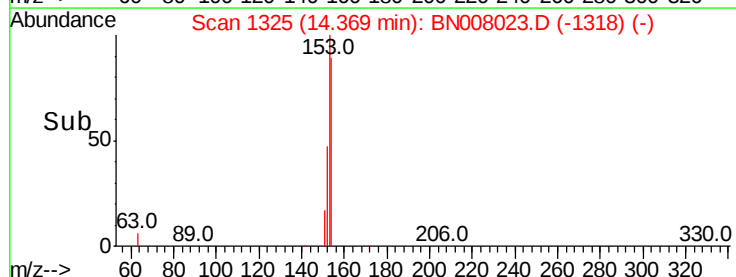
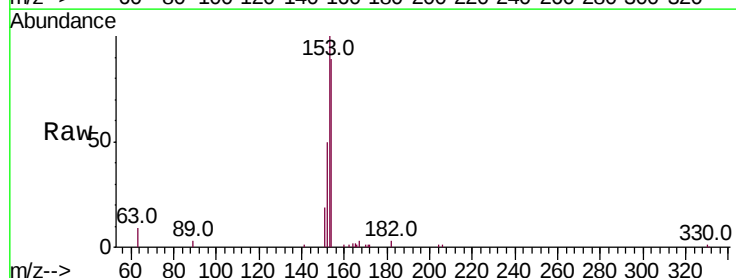
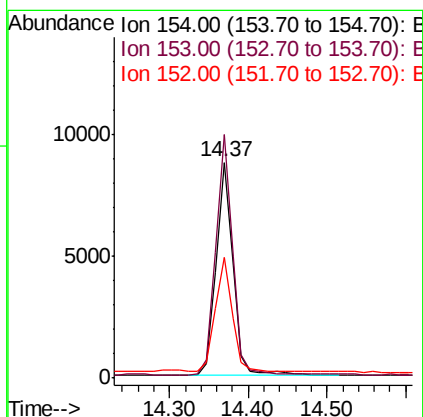
Delta R.T. -0.02 min

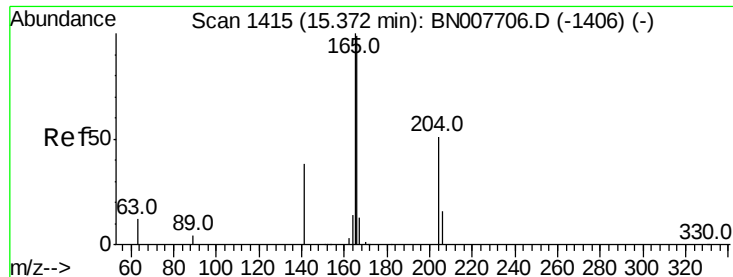
Lab File: BN008023.D

Acq: 05 Oct 2019 13:29

Tgt Ion:154 Resp: 13067

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 111.2 | 87.0  | 130.4 |
| 152 | 53.8  | 42.7  | 64.1  |





#18

Fluorene

Concen: 0.356 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN008023.D

Acq: 05 Oct 2019 13:29

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

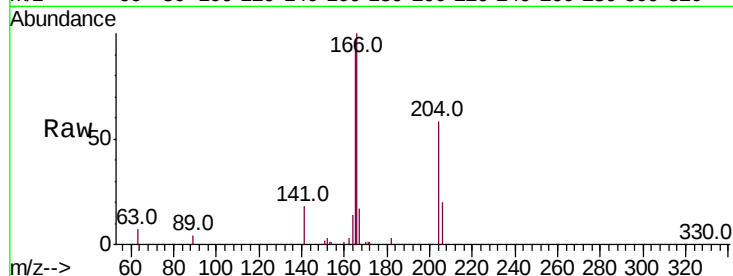
Tot Ion:166 Resp: 16938

Ion Ratio Lower Upper

166 100

165 97.2 78.0 117.0

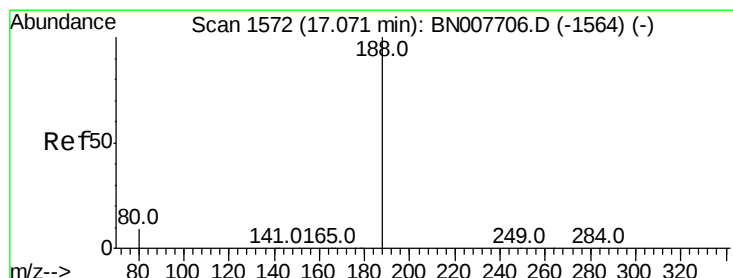
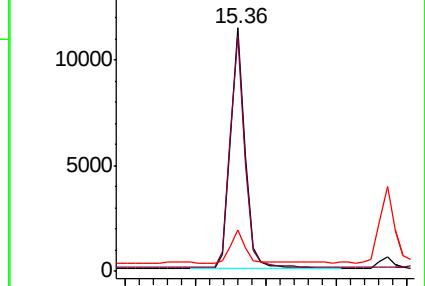
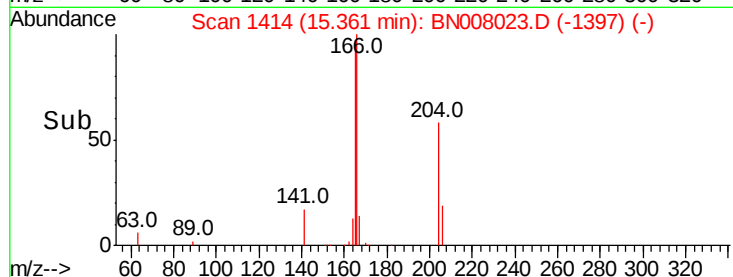
167 14.3 10.9 16.3



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: BN008023.D

Acq: 05 Oct 2019 13:29

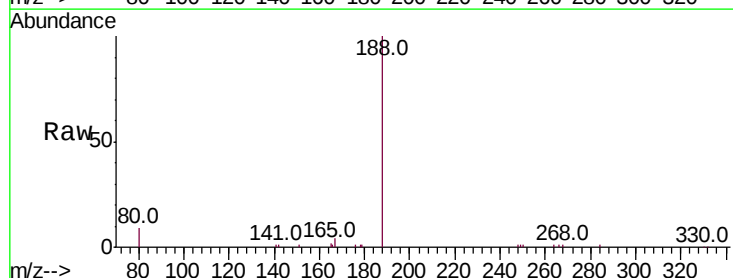
Tgt Ion:188 Resp: 21571

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

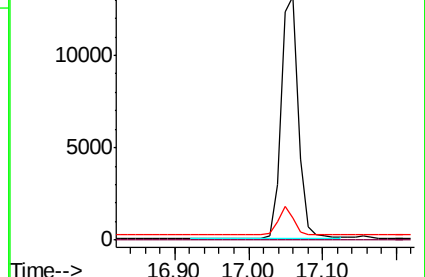
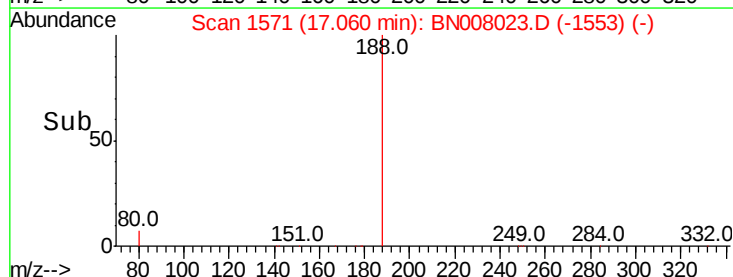
80 9.3 7.4 11.2

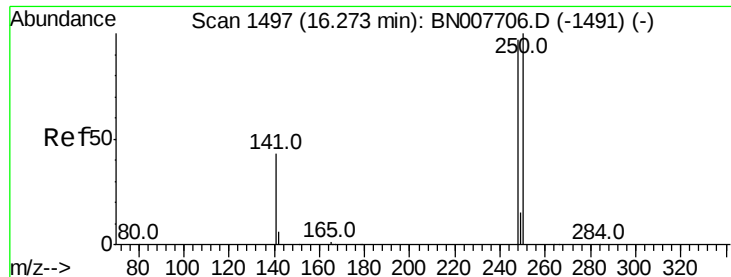


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

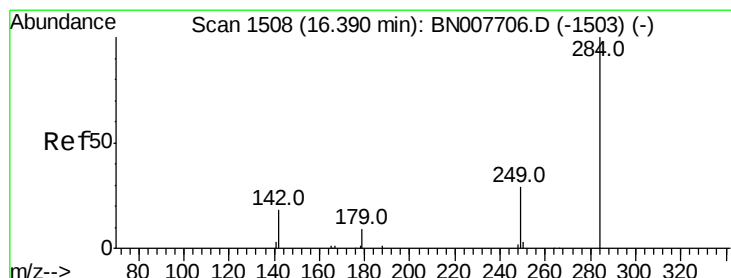
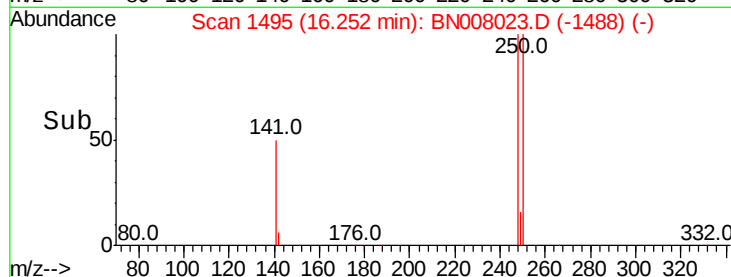
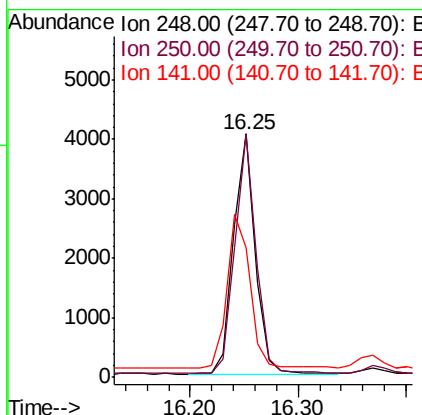
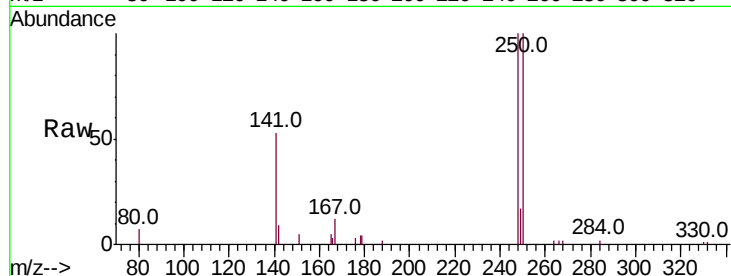




#20  
4-Bromophenyl-phenylether  
Concen: 0.427 ng  
RT: 16.25 min Scan# 1495  
Delta R.T. -0.02 min  
Lab File: BN008023.D  
Acq: 05 Oct 2019 13:29

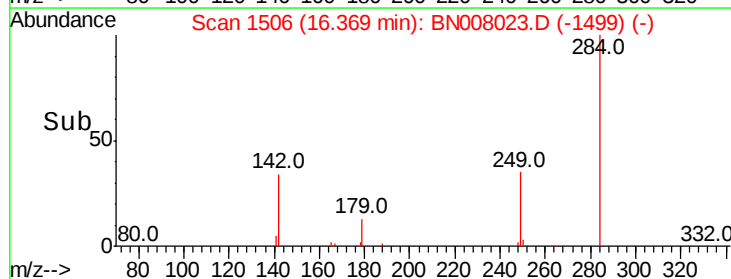
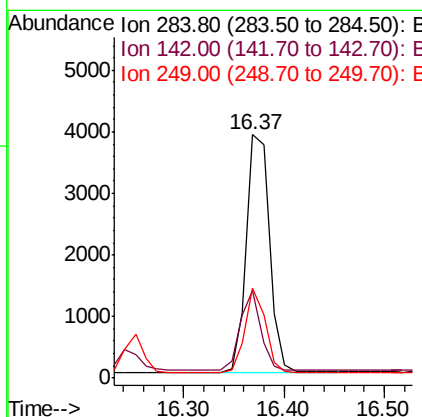
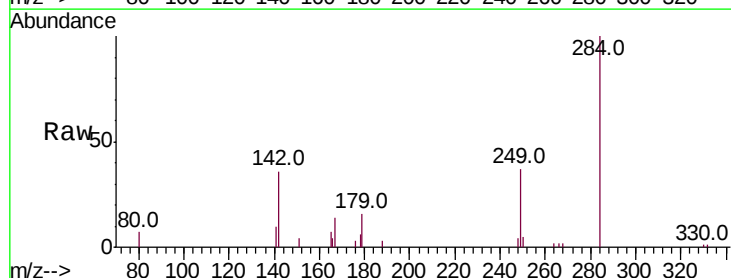
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

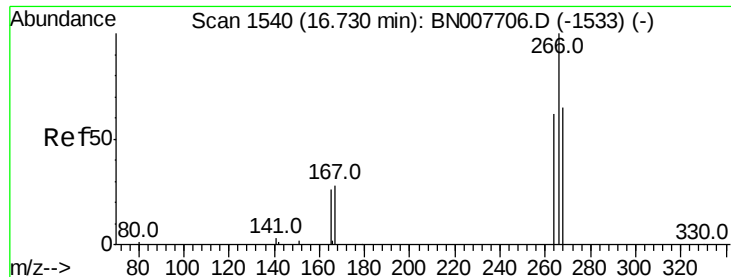
Tot Ion:248 Resp: 5591  
Ion Ratio Lower Upper  
248 100  
250 100.0 82.2 123.4  
141 53.2 36.3 54.5



#21  
Hexachlorobenzene  
Concen: 0.434 ng  
RT: 16.37 min Scan# 1506  
Delta R.T. -0.02 min  
Lab File: BN008023.D  
Acq: 05 Oct 2019 13:29

Tgt Ion:284 Resp: 6209  
Ion Ratio Lower Upper  
284 100  
142 29.4 25.8 38.6  
249 31.3 25.9 38.9

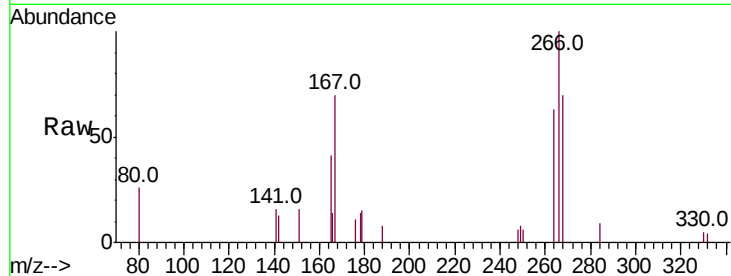




#22  
 Pentachlorophenol  
 Concen: 0.427 ng  
 RT: 16.73 min Scan# 1540  
 Delta R.T. -0.00 min  
 Lab File: BN008023.D  
 Acq: 05 Oct 2019 13:29

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 63.3  | 50.0  | 75.0  |
| 268     | 70.5  | 54.2  | 81.4  |

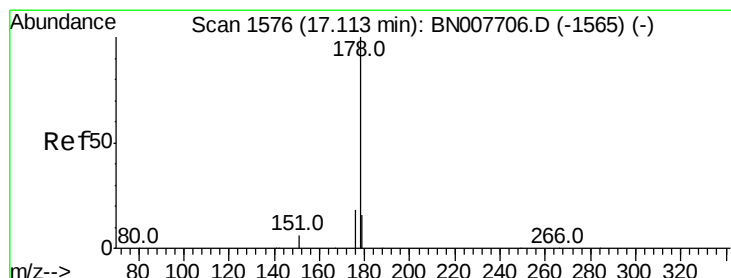
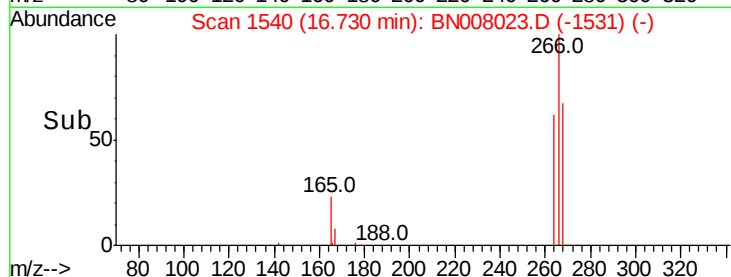
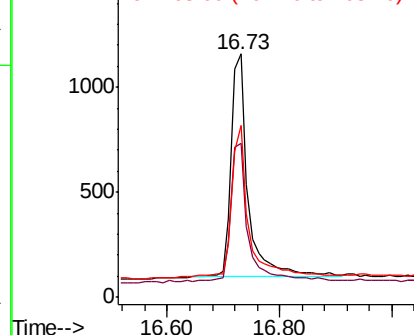


Abundance

Ion 266.00 (265.70 to 266.70): E

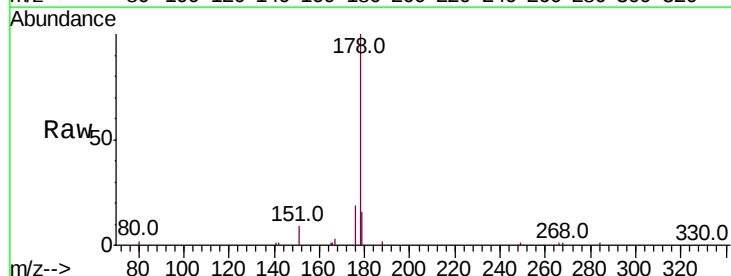
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#23  
 Phenanthrene  
 Concen: 0.408 ng  
 RT: 17.09 min Scan# 1574  
 Delta R.T. -0.02 min  
 Lab File: BN008023.D  
 Acq: 05 Oct 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.4  | 14.9  | 22.3  |
| 179     | 15.4  | 12.5  | 18.7  |

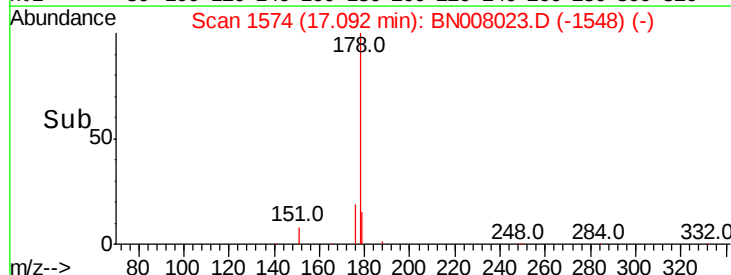
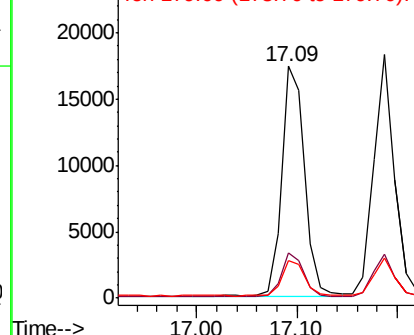


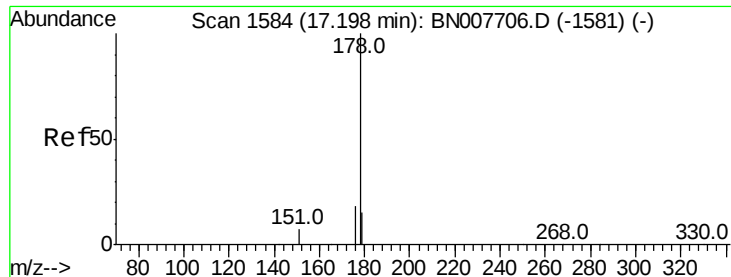
Abundance

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: 0.435 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN008023.D

Acq: 05 Oct 2019 13:29

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

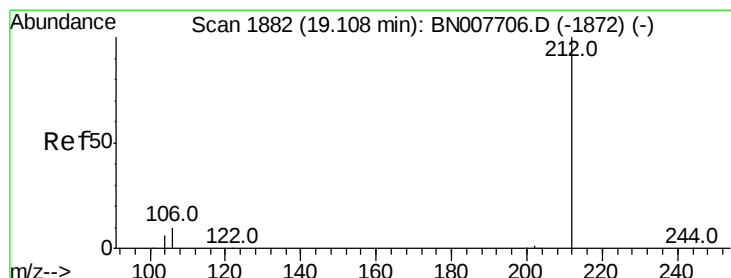
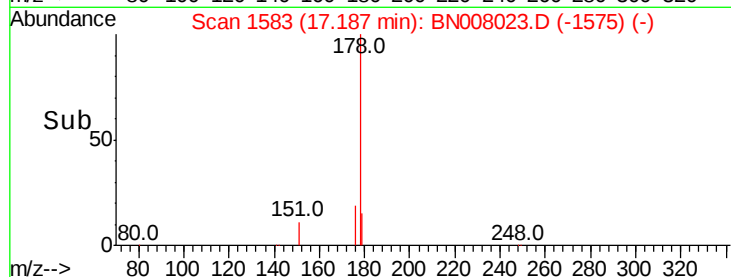
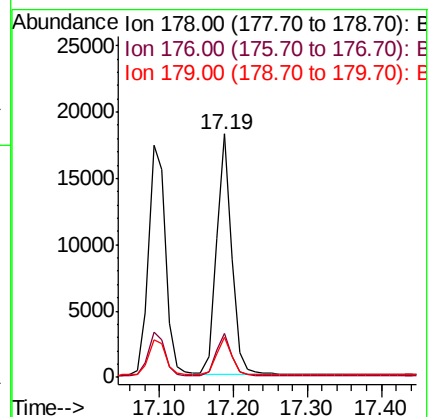
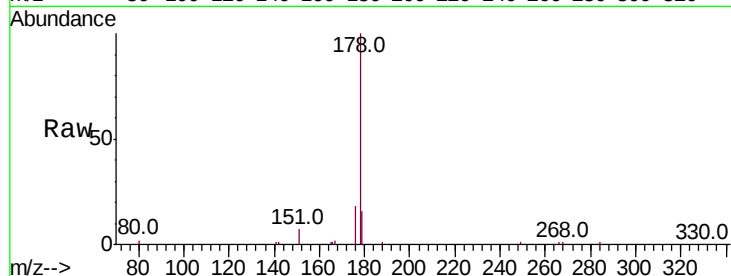
Tot Ion:178 Resp: 26373

Ion Ratio Lower Upper

178 100

176 17.8 14.6 21.8

179 15.3 12.2 18.4



#25

Fluoranthene-d10

Concen: 0.408 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BN008023.D

Acq: 05 Oct 2019 13:29

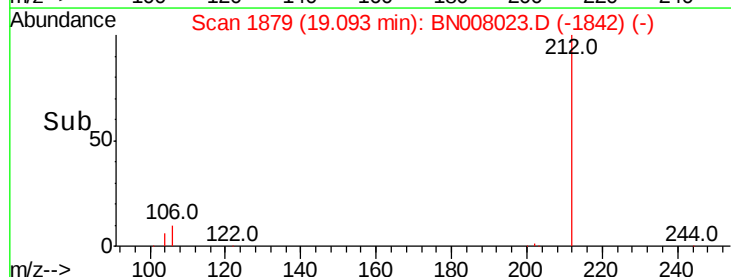
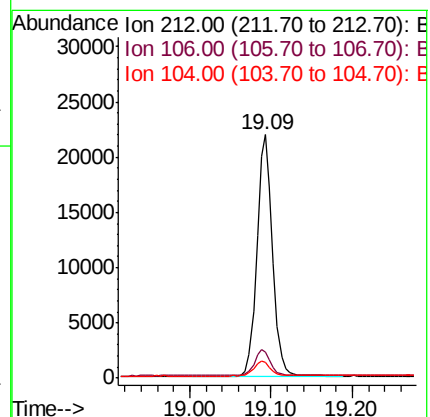
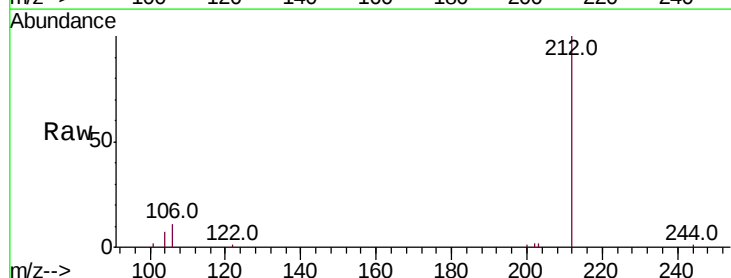
Tgt Ion:212 Resp: 29628

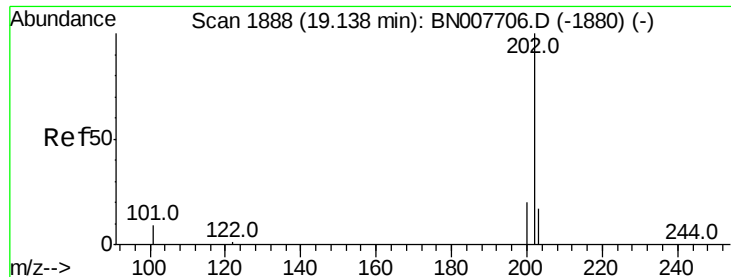
Ion Ratio Lower Upper

212 100

106 10.9 9.4 14.0

104 6.4 5.3 7.9

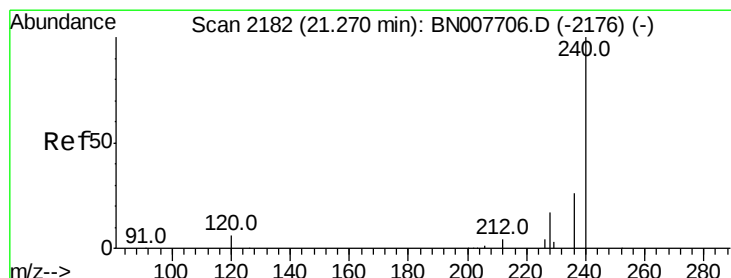
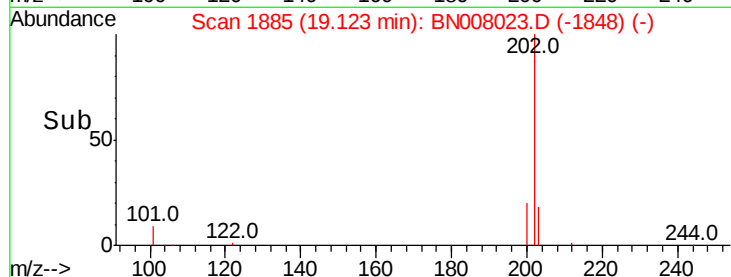
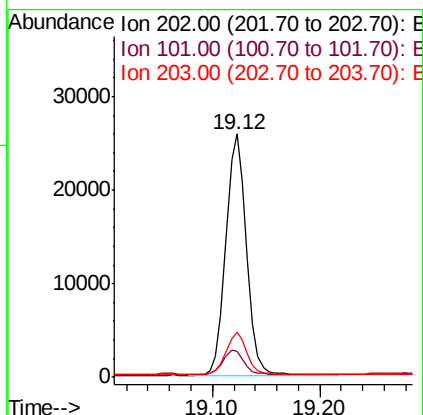
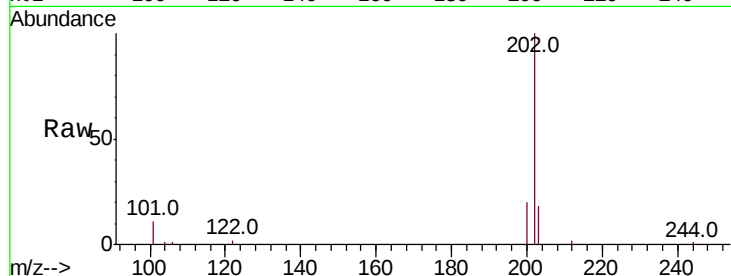




#26  
 Fluoranthene  
 Concen: 0.409 ng  
 RT: 19.12 min Scan# 1885  
 Delta R.T. -0.02 min  
 Lab File: BN008023.D  
 Acq: 05 Oct 2019 13:29

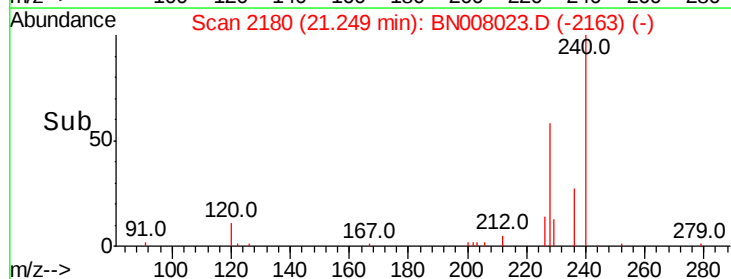
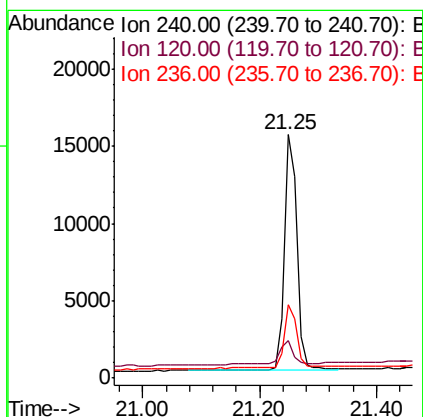
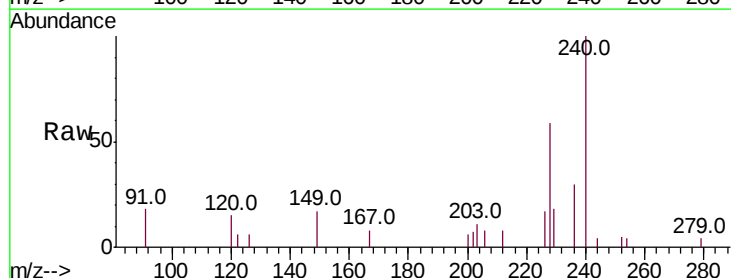
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

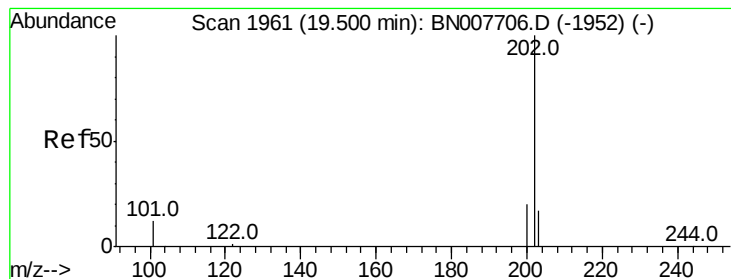
Tot Ion:202 Resp: 34181  
 Ion Ratio Lower Upper  
 202 100  
 101 9.9 8.4 12.6  
 203 17.3 13.8 20.8



#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.25 min Scan# 2180  
 Delta R.T. -0.02 min  
 Lab File: BN008023.D  
 Acq: 05 Oct 2019 13:29

Tgt Ion:240 Resp: 22224  
 Ion Ratio Lower Upper  
 240 100  
 120 15.4 5.4 8.2#  
 236 30.0 21.0 31.4





#28

Pvrene

Concen: 0.465 ng

RT: 19.49 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BN008023.D

Acq: 05 Oct 2019 13:29

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

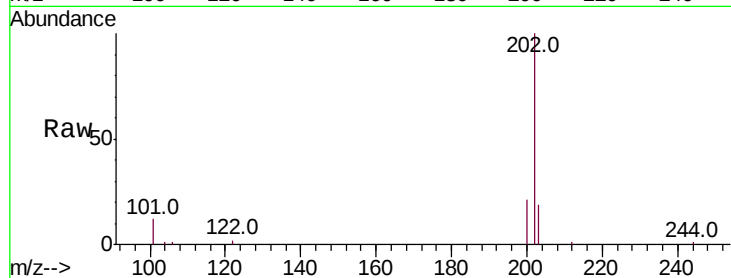
Tot Ion:202 Resp: 35238

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

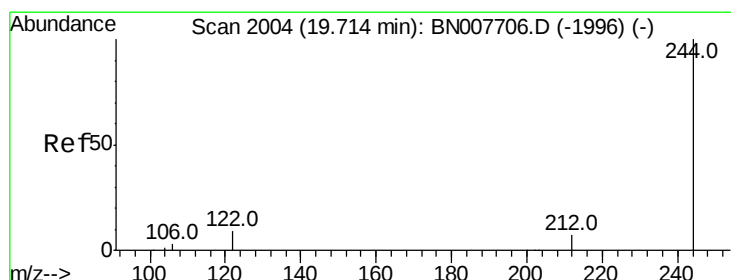
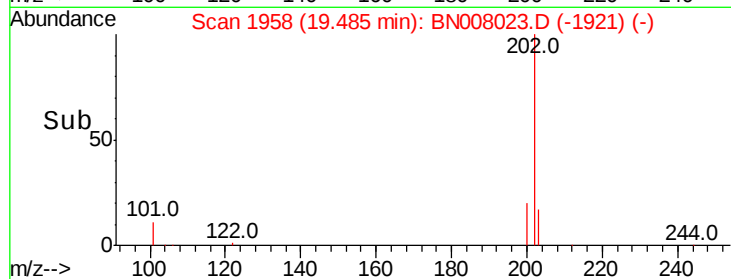
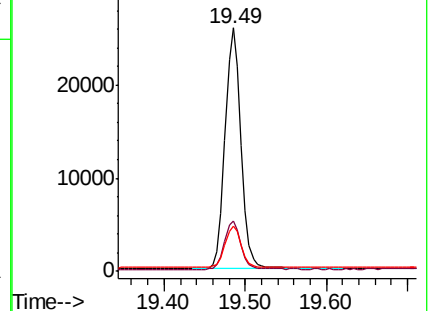
203 17.7 14.1 21.1



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: 0.456 ng

RT: 19.69 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BN008023.D

Acq: 05 Oct 2019 13:29

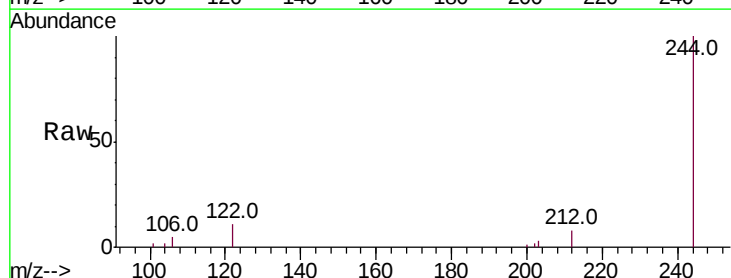
Tgt Ion:244 Resp: 24872

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

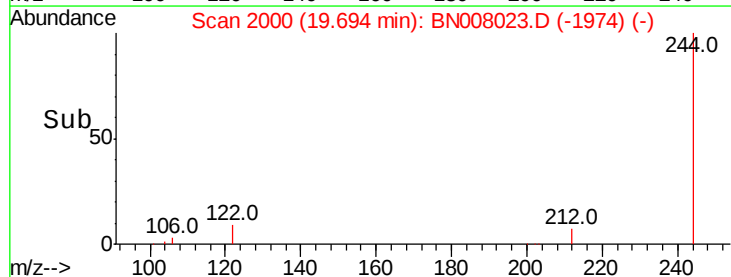
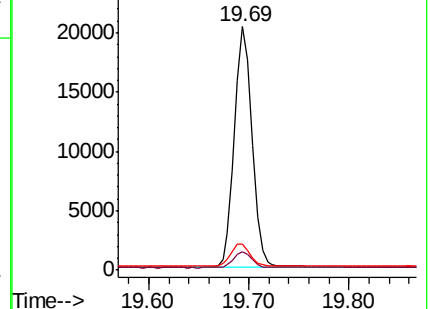
122 10.6 7.4 11.2

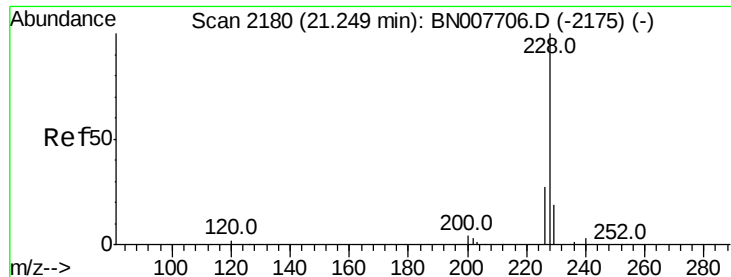


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.418 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN008023.D

Acq: 05 Oct 2019 13:29

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

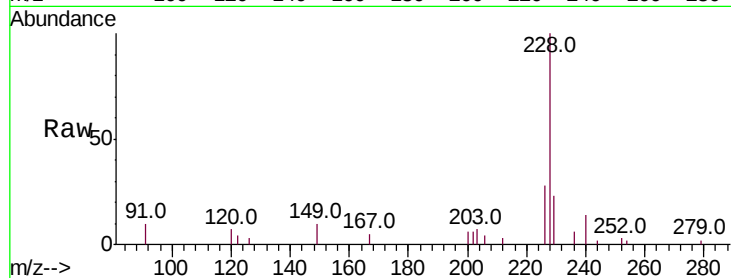
Tot Ion:228 Resp: 34196

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

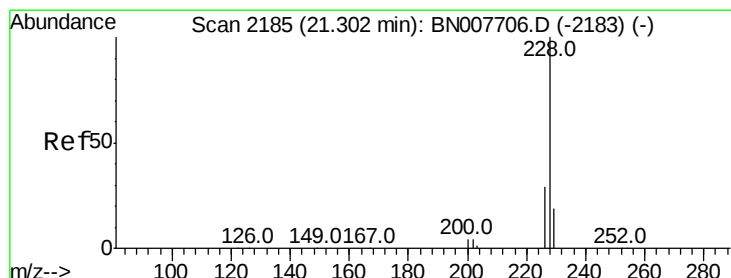
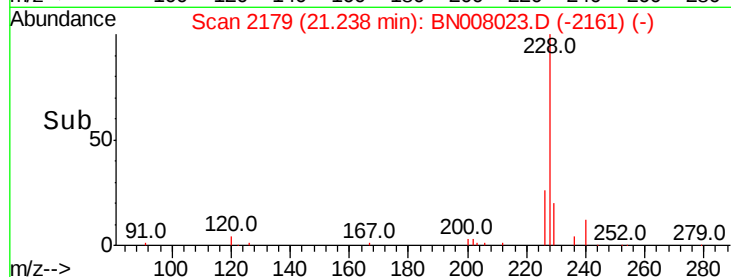
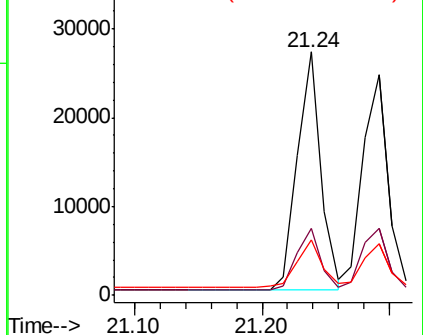
229 22.9 15.8 23.6



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



#31

Chrysene

Concen: 0.417 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN008023.D

Acq: 05 Oct 2019 13:29

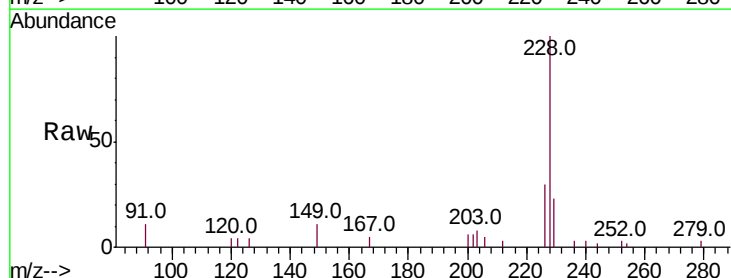
Tgt Ion:228 Resp: 33237

Ion Ratio Lower Upper

228 100

226 30.5 23.9 35.9

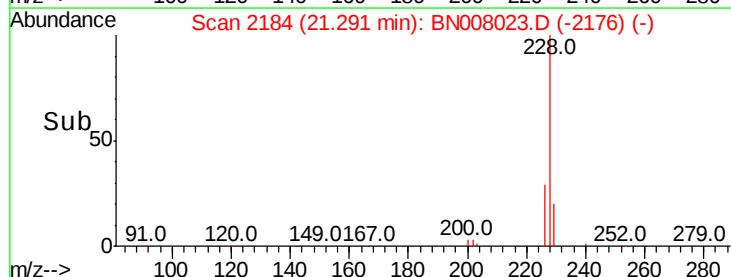
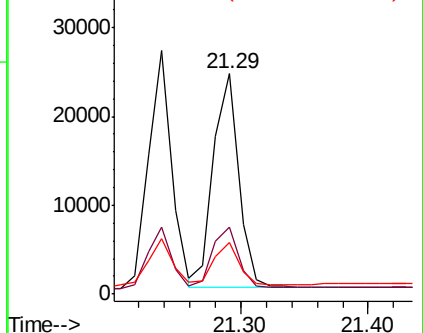
229 23.4 15.8 23.6

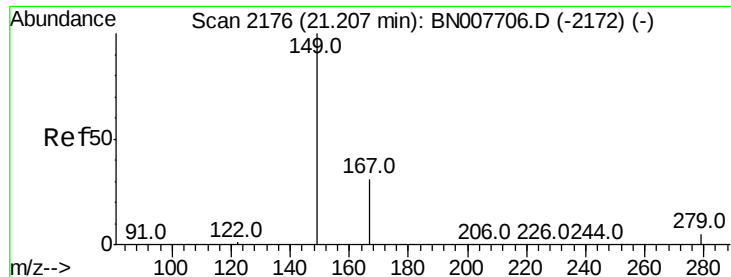


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.521 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.03 min

Lab File: BN008023.D

Acq: 05 Oct 2019 13:29

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

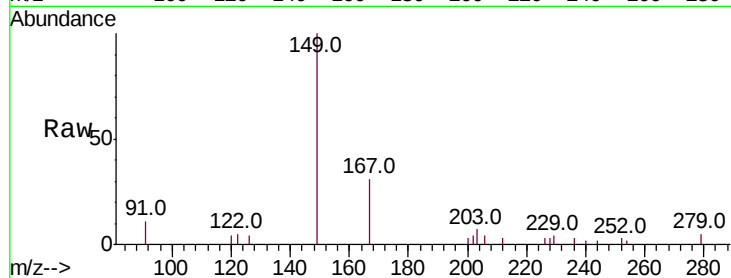
Tot Ion:149 Resp: 21950

Ion Ratio Lower Upper

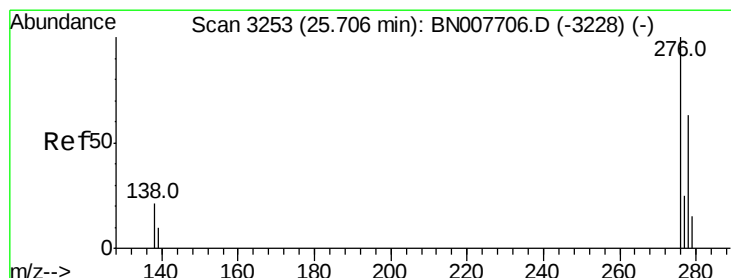
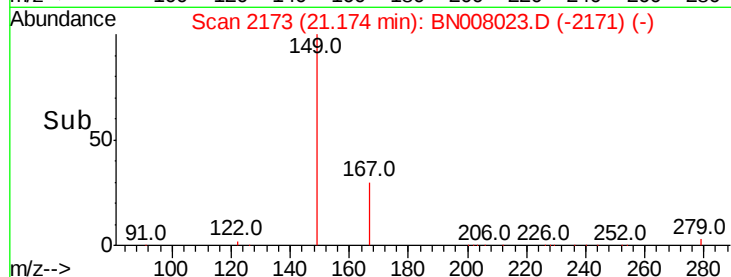
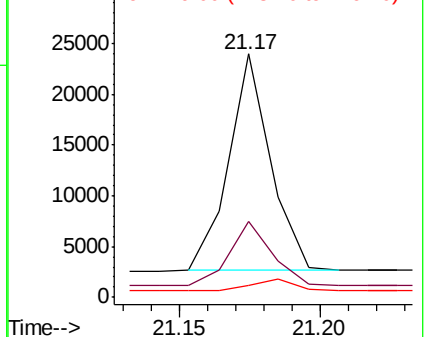
149 100

167 30.0 23.7 35.5

279 5.8 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.380 ng

RT: 25.68 min Scan# 3246

Delta R.T. -0.02 min

Lab File: BN008023.D

Acq: 05 Oct 2019 13:29

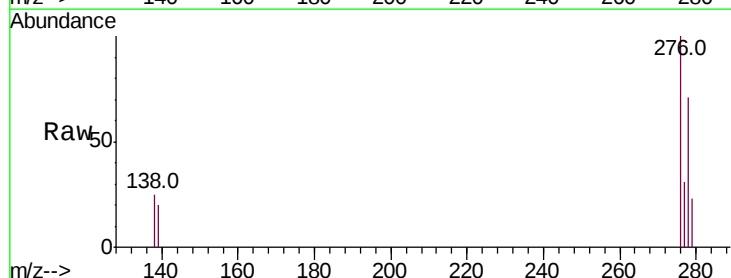
Tgt Ion:276 Resp: 37908

Ion Ratio Lower Upper

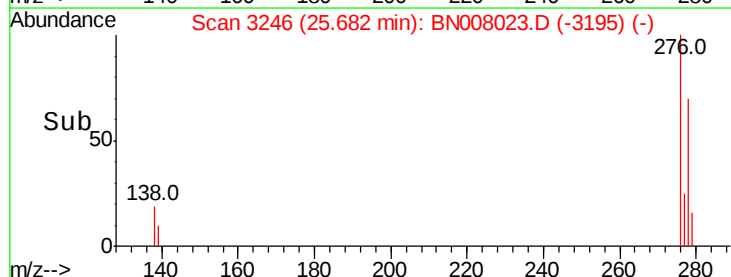
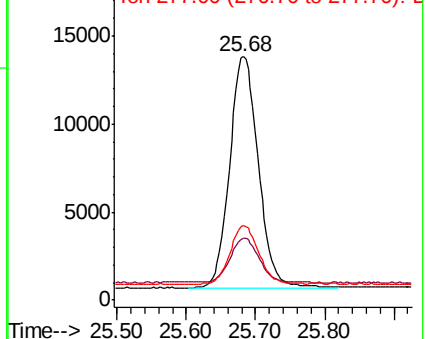
276 100

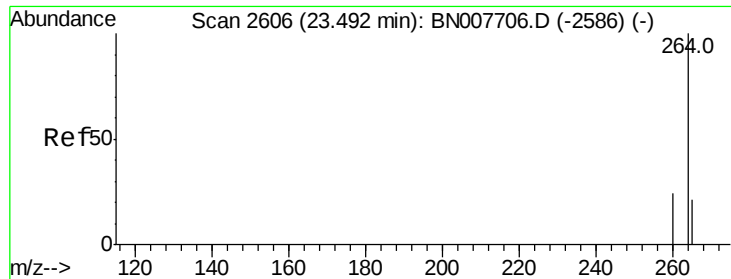
138 19.1 17.1 25.7

277 25.2 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

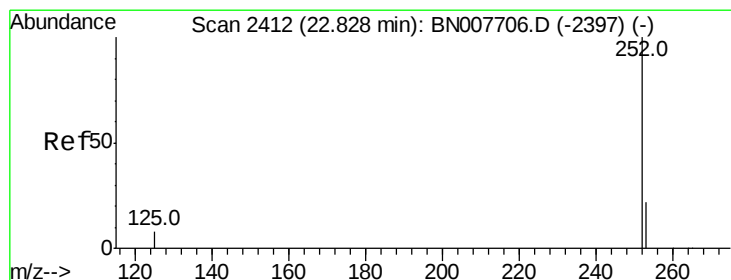
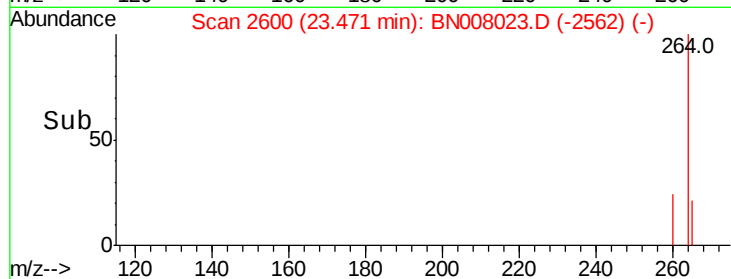
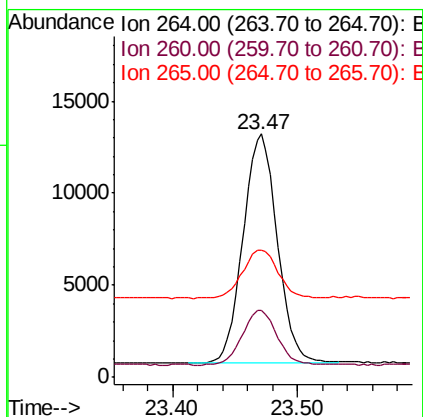
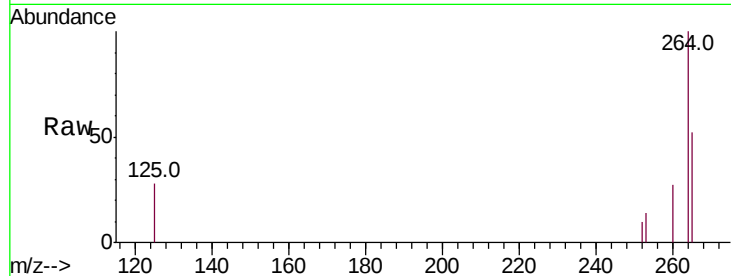




#34  
Pervlene-d12  
Concen: 0.400 ng  
RT: 23.47 min Scan# 2600  
Delta R.T. -0.02 min  
Lab File: BN008023.D  
Acq: 05 Oct 2019 13:29

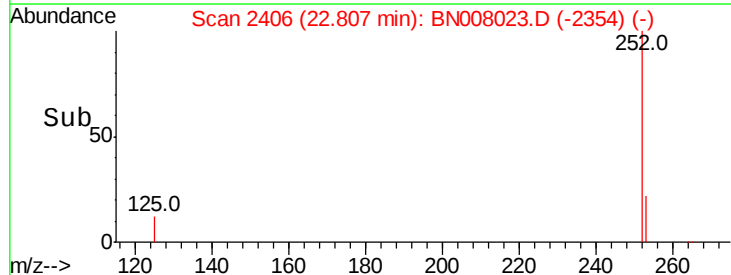
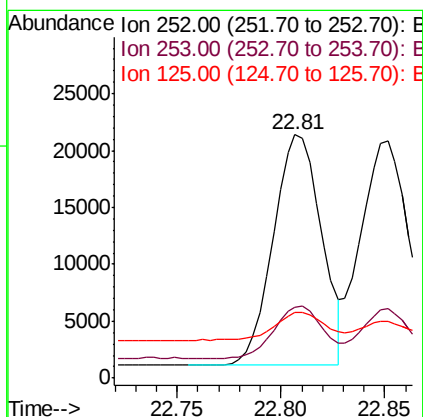
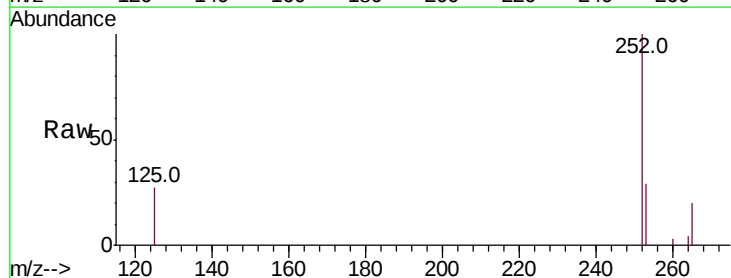
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

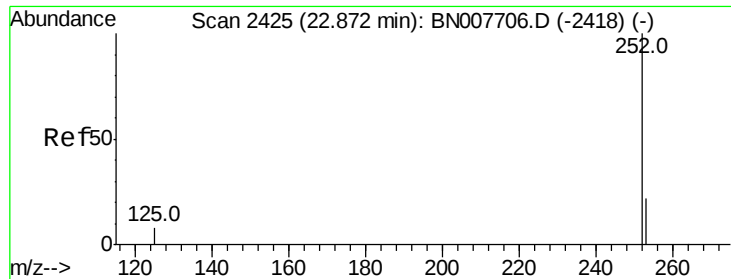
Tot Ion:264 Resp: 23651  
Ion Ratio Lower Upper  
264 100  
260 27.4 19.3 28.9  
265 52.4 26.9 40.3#



#35  
Benzo(b)fluoranthene  
Concen: 0.398 ng  
RT: 22.81 min Scan# 2406  
Delta R.T. -0.02 min  
Lab File: BN008023.D  
Acq: 05 Oct 2019 13:29

Tgt Ion:252 Resp: 32655  
Ion Ratio Lower Upper  
252 100  
253 29.3 18.3 27.5#  
125 26.8 8.2 12.4#

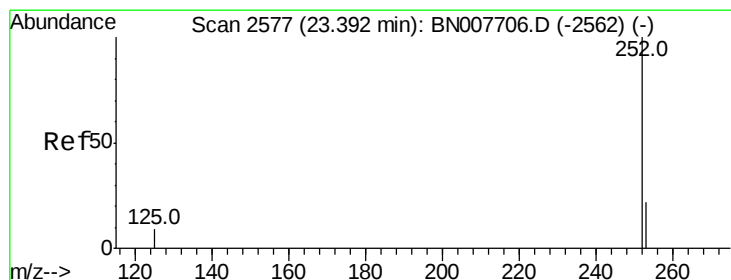
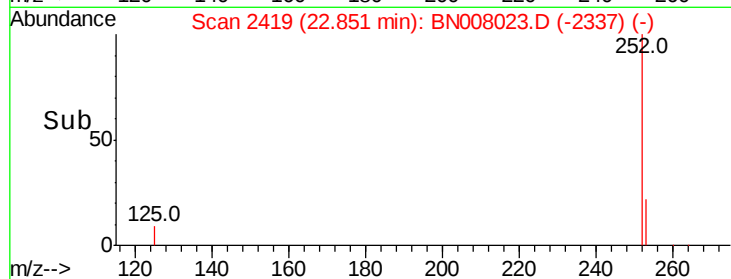
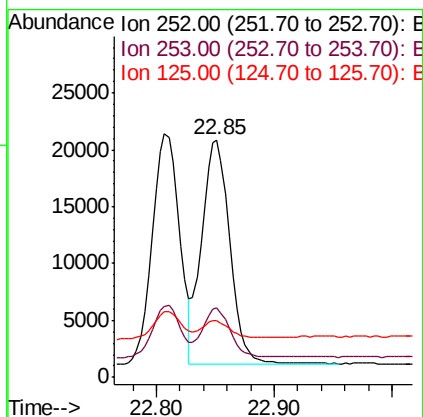
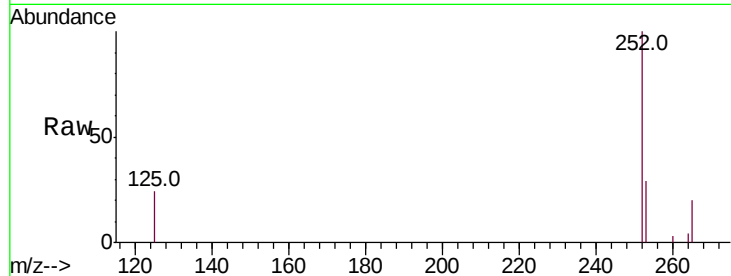




#36  
Benzo(k)fluoranthene  
Concen: 0.405 ng  
RT: 22.85 min Scan# 2419  
Delta R.T. -0.02 min  
Lab File: BN008023.D  
Acq: 05 Oct 2019 13:29

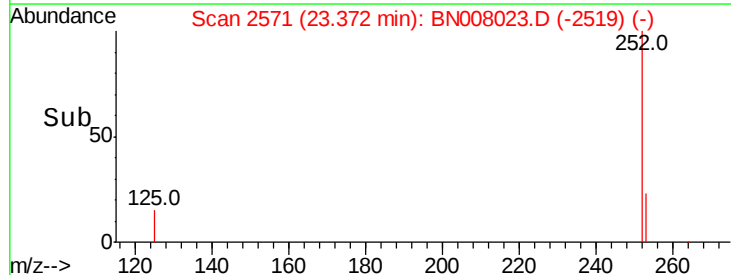
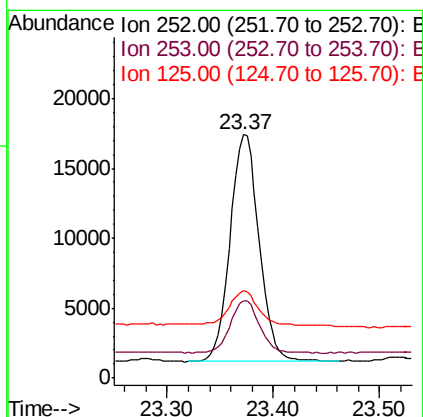
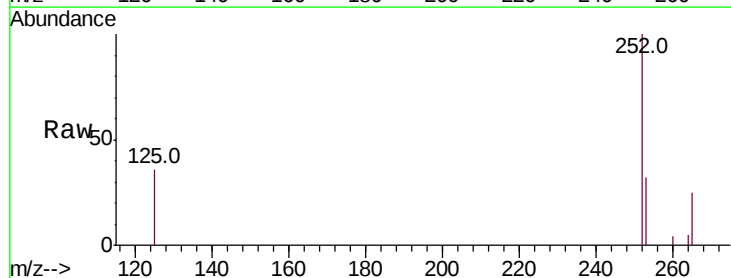
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

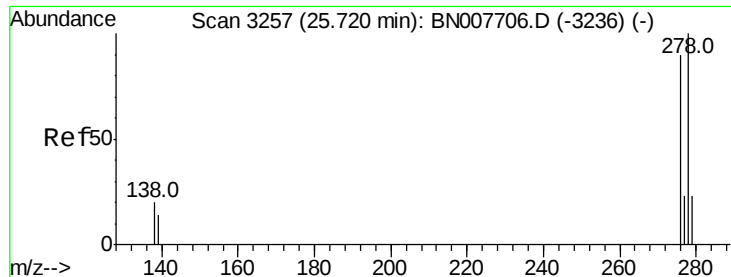
Tot Ion:252 Resp: 32856  
Ion Ratio Lower Upper  
252 100  
253 29.3 18.5 27.7#  
125 23.9 8.4 12.6#



#37  
Benzo(a)pyrene  
Concen: 0.401 ng  
RT: 23.37 min Scan# 2571  
Delta R.T. -0.02 min  
Lab File: BN008023.D  
Acq: 05 Oct 2019 13:29

Tgt Ion:252 Resp: 30943  
Ion Ratio Lower Upper  
252 100  
253 31.7 18.6 27.8#  
125 36.0 9.4 14.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.391 ng

RT: 25.69 min Scan# 3249

Delta R.T. -0.03 min

Lab File: BN008023.D

Acq: 05 Oct 2019 13:29

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

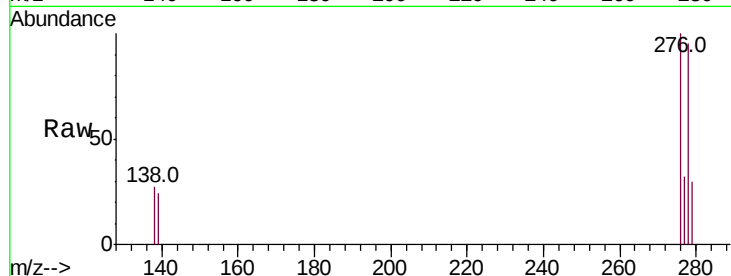
Tot Ion:278 Resp: 30883

Ion Ratio Lower Upper

278 100

139 25.2 11.8 17.6#

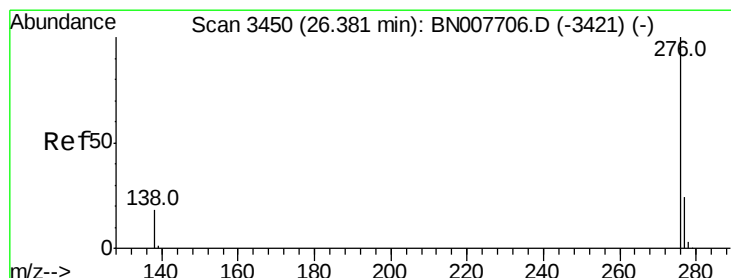
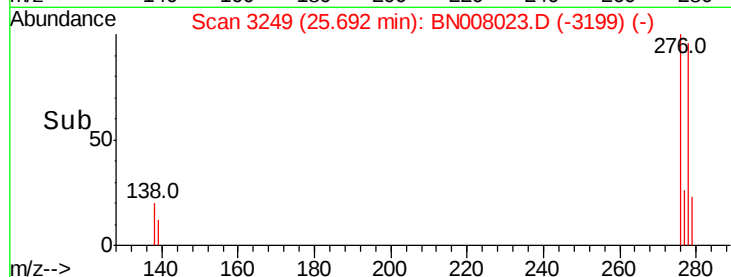
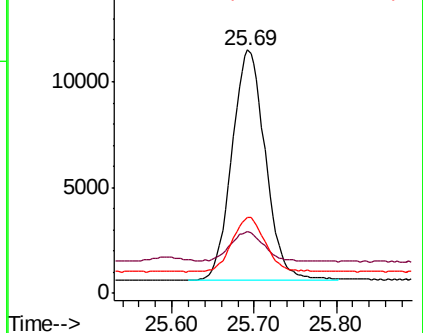
279 31.1 19.4 29.2#



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: 0.393 ng

RT: 26.36 min Scan# 3443

Delta R.T. -0.02 min

Lab File: BN008023.D

Acq: 05 Oct 2019 13:29

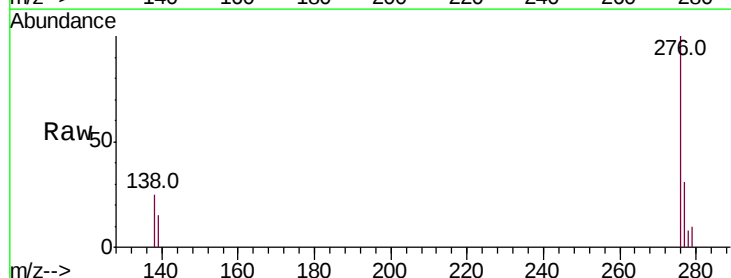
Tgt Ion:276 Resp: 30721

Ion Ratio Lower Upper

276 100

277 31.1 19.8 29.8#

138 25.2 15.1 22.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

