

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062819\  
 Data File : BN006637.D  
 Acq On : 29 Jun 2019 05:05  
 Operator : HP/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Jun 29 05:42:23 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jun 29 01:19:02 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 3724     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.40 | 136  | 16367    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.27 | 164  | 10705    | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10      | 17.03 | 188  | 24731    | 0.40 | ng    | -0.01    |
| 27) Chrysene-d12          | 21.25 | 240  | 24154    | 0.40 | ng    | -0.02    |
| 34) Perylene-d12          | 23.48 | 264  | 23137    | 0.40 | ng    | -0.05    |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.24  | 112 | 3760  | 0.41 | ng | 0.00  |
| 5) Phenol-d6                | 6.83  | 99  | 5124  | 0.42 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.79  | 82  | 4423  | 0.40 | ng | 0.00  |
| 11) 2-Methylnaphthalene-d10 | 12.00 | 152 | 11054 | 0.43 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 15.79 | 330 | 2112  | 0.42 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 12.88 | 172 | 16276 | 0.41 | ng | -0.01 |
| 25) Fluoranthene-d10        | 19.08 | 212 | 30712 | 0.42 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.68 | 244 | 22220 | 0.44 | ng | 0.00  |

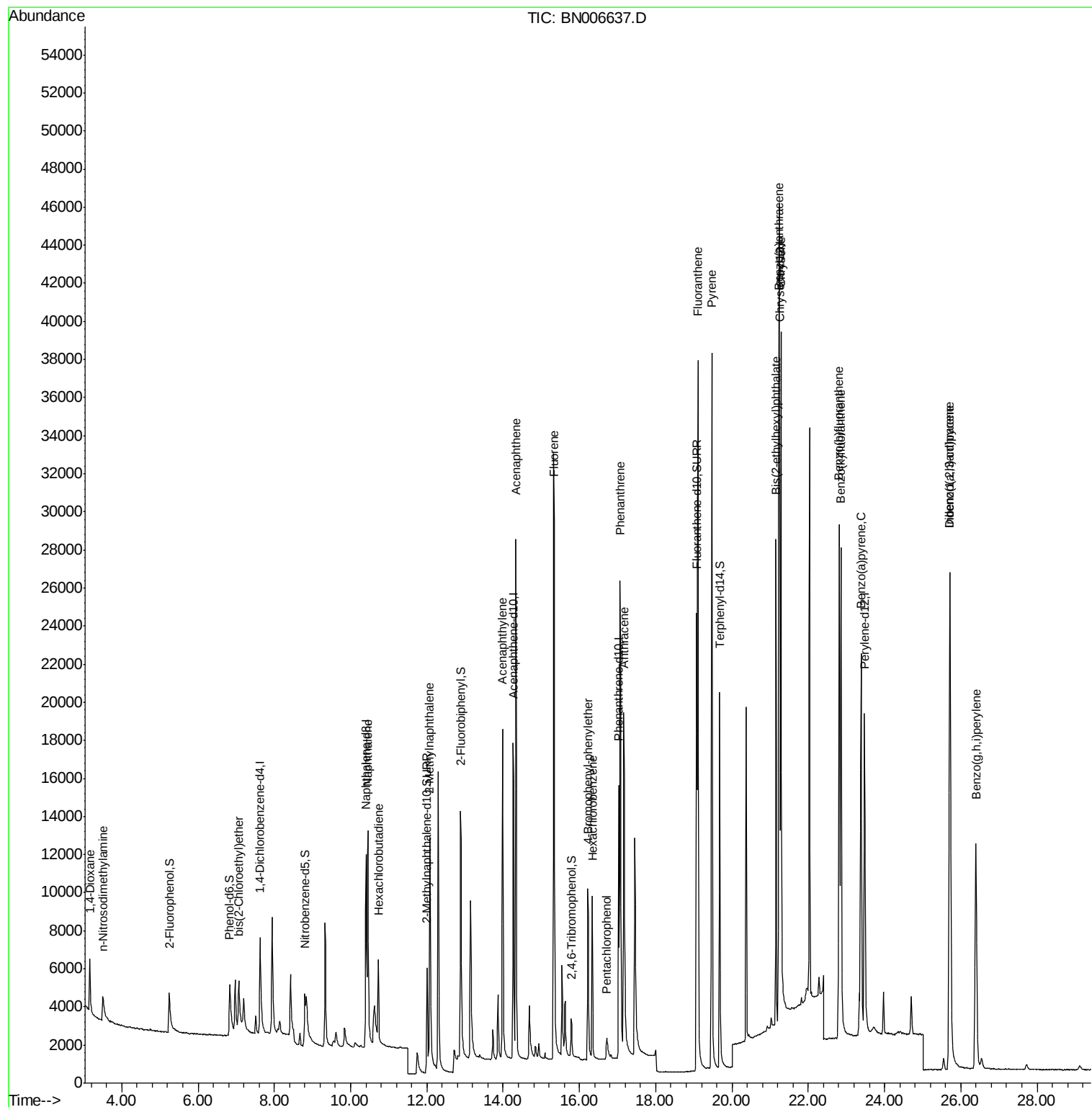
|                                |       |     |       |        |    |       |
|--------------------------------|-------|-----|-------|--------|----|-------|
| Target Compounds               |       |     |       | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.17  | 88  | 2069  | 0.401  | ng | 96    |
| 3) n-Nitrosodimethylamine      | 3.50  | 42  | 1529  | 0.378  | ng | 93    |
| 6) bis(2-Chloroethyl)ether     | 7.06  | 93  | 4528  | 0.420  | ng | 98    |
| 9) Naphthalene                 | 10.45 | 128 | 18317 | 0.426  | ng | 99    |
| 10) Hexachlorobutadiene        | 10.73 | 225 | 3794  | 0.429  | ng | # 100 |
| 12) 2-Methylnaphthalene        | 12.08 | 142 | 12965 | 0.436  | ng | 100   |
| 16) Acenaphthylene             | 13.99 | 152 | 21130 | 0.414  | ng | 100   |
| 17) Acenaphthene               | 14.33 | 154 | 14443 | 0.430  | ng | 100   |
| 18) Fluorene                   | 15.34 | 166 | 18046 | 0.425  | ng | 100   |
| 20) 4-Bromophenyl-phenylether  | 16.22 | 248 | 5819  | 0.425  | ng | # 82  |
| 21) Hexachlorobenzene          | 16.34 | 284 | 7440  | 0.430  | ng | 99    |
| 22) Pentachlorophenol          | 16.72 | 266 | 1390  | 0.544  | ng | 92    |
| 23) Phenanthrene               | 17.07 | 178 | 29851 | 0.424  | ng | 100   |
| 24) Anthracene                 | 17.16 | 178 | 25172 | 0.413  | ng | 100   |
| 26) Fluoranthene               | 19.11 | 202 | 36912 | 0.432  | ng | 100   |
| 28) Pyrene                     | 19.47 | 202 | 38032 | 0.450  | ng | 100   |
| 30) Benzo(a)anthracene         | 21.24 | 228 | 33217 | 0.421  | ng | 100   |
| 31) Chrysene                   | 21.29 | 228 | 36961 | 0.434  | ng | 99    |
| 32) Bis(2-ethylhexyl)phthalate | 21.15 | 149 | 21321 | 0.536  | ng | 100   |
| 33) Indeno(1,2,3-cd)pyrene     | 25.71 | 276 | 32409 | 0.376  | ng | 99    |
| 35) Benzo(b)fluoranthene       | 22.81 | 252 | 34709 | 0.441  | ng | 99    |
| 36) Benzo(k)fluoranthene       | 22.86 | 252 | 37055 | 0.442  | ng | 99    |
| 37) Benzo(a)pyrene             | 23.38 | 252 | 31434 | 0.427  | ng | 98    |
| 38) Dibenzo(a,h)anthracene     | 25.72 | 278 | 26030 | 0.405  | ng | 98    |
| 39) Benzo(g,h,i)perylene       | 26.40 | 276 | 25981 | 0.405  | ng | 99    |

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jun 29 01:19:02 2019  
Response via : Initial Calibration



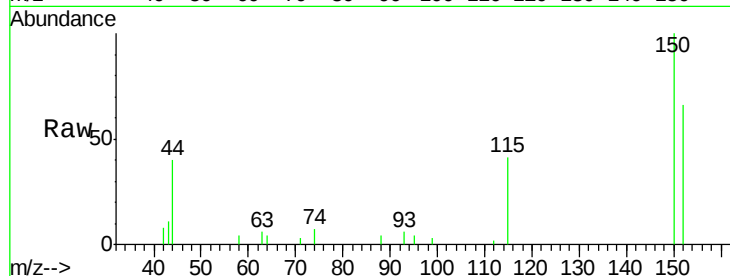


#1

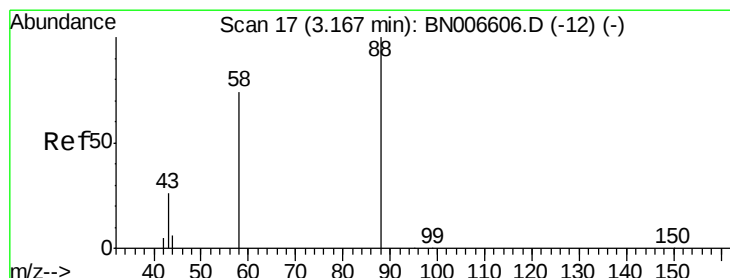
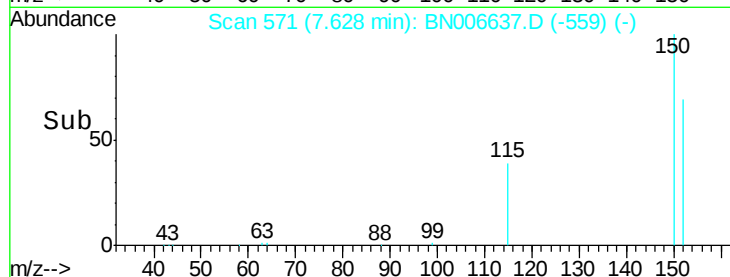
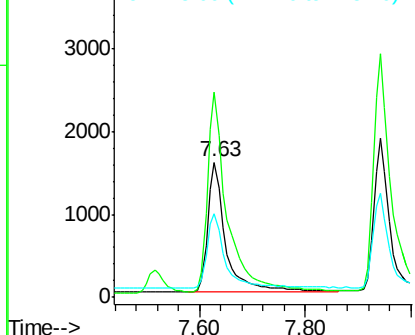
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.63 min Scan# 571  
Delta R.T. -0.00 min  
Lab File: BN006637.D  
Acq: 29 Jun 2019 05:05

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3724  
Ion Ratio Lower Upper  
152 100  
150 151.9 122.2 183.2  
115 61.8 50.0 75.0



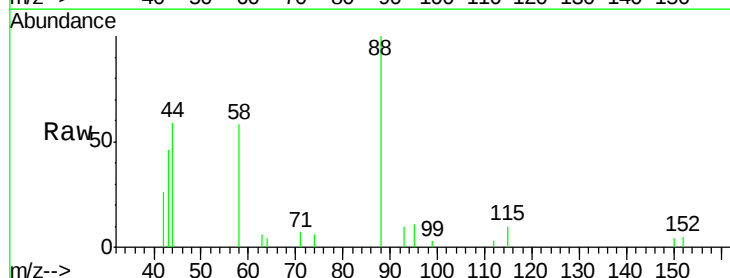
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



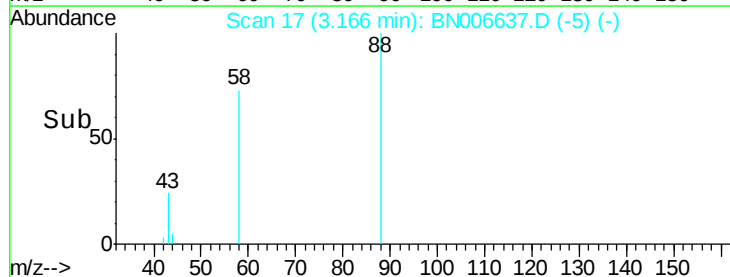
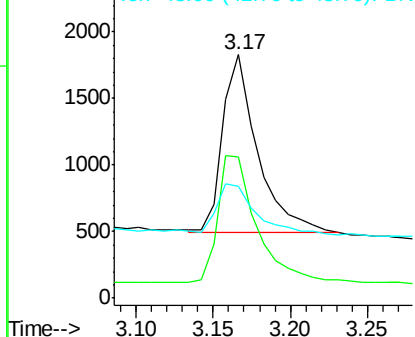
#2

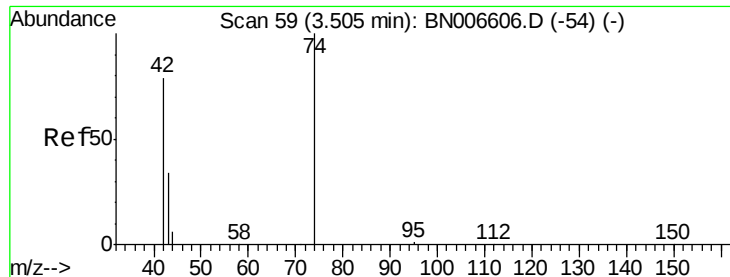
1,4-Dioxane  
Concen: 0.401 ng  
RT: 3.17 min Scan# 17  
Delta R.T. -0.00 min  
Lab File: BN006637.D  
Acq: 29 Jun 2019 05:05

Tgt Ion: 88 Resp: 2069  
Ion Ratio Lower Upper  
88 100  
58 81.4 62.5 93.7  
43 34.5 25.4 38.0



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: 0.378 ng

RT: 3.50 min Scan# 59

Delta R.T. -0.00 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

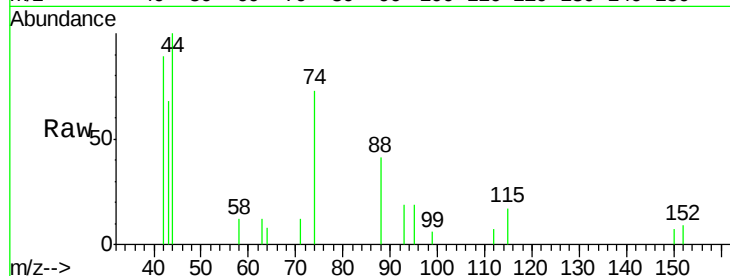
Tgt Ion: 42 Resp: 1529

Ion Ratio Lower Upper

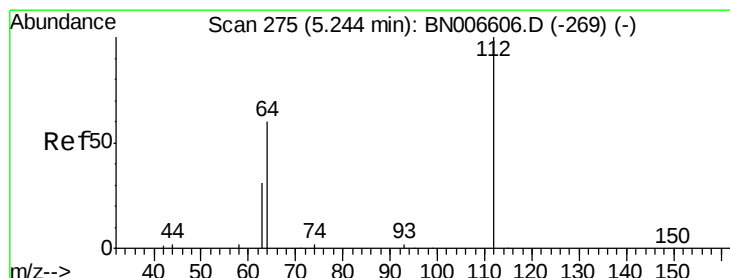
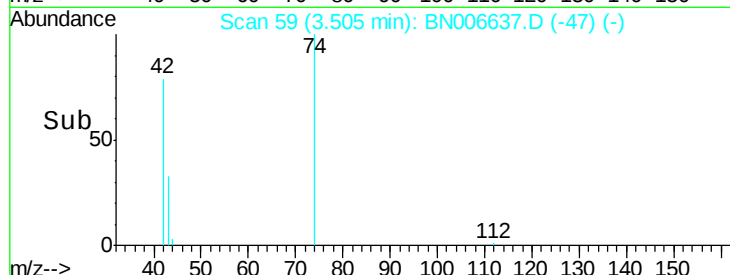
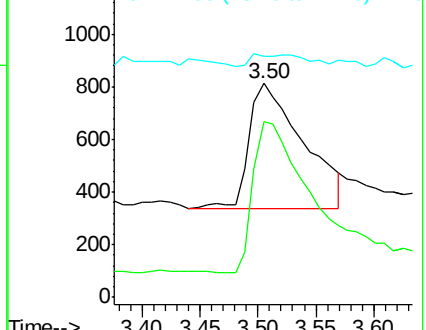
42 100

74 120.2 103.1 154.7

44 4.3 3.4 5.2



Abundance Ion 42.00 (41.70 to 42.70): BN0  
Ion 74.00 (73.70 to 74.70): BN0  
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.412 ng

RT: 5.24 min Scan# 275

Delta R.T. -0.00 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

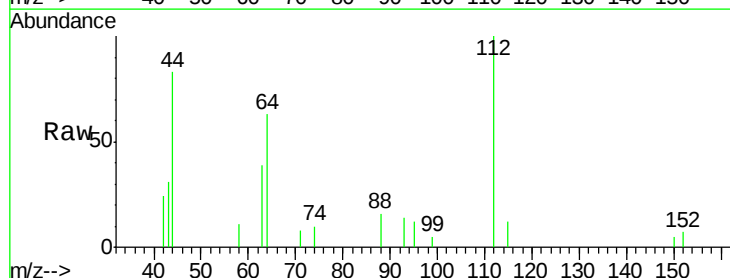
Tgt Ion: 112 Resp: 3760

Ion Ratio Lower Upper

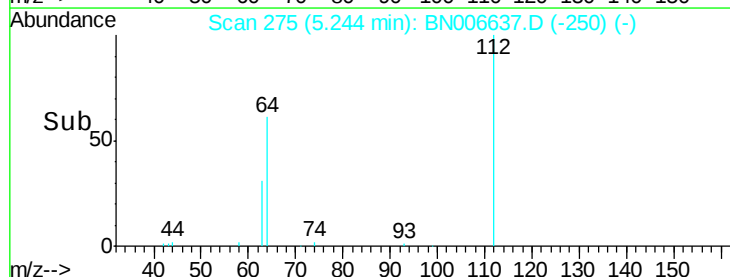
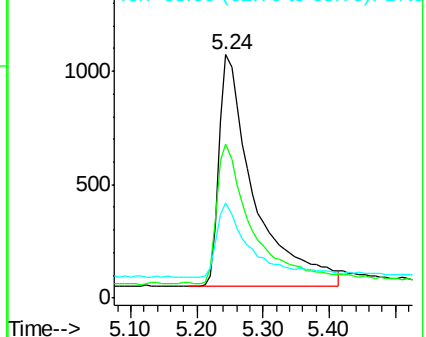
112 100

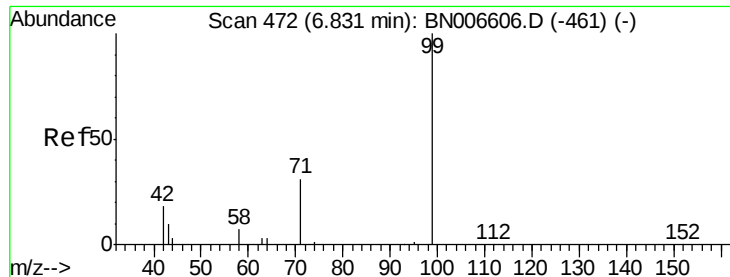
64 61.0 48.9 73.3

63 31.4 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BN0  
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.424 ng

RT: 6.83 min Scan# 472

Delta R.T. -0.00 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

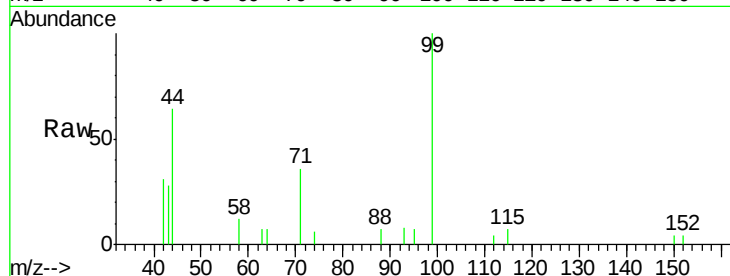
Tgt Ion: 99 Resp: 5124

Ion Ratio Lower Upper

99 100

42 20.1 16.4 24.6

71 33.9 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN006637.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006637.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006637.D (-460) (-)

6.83

1500

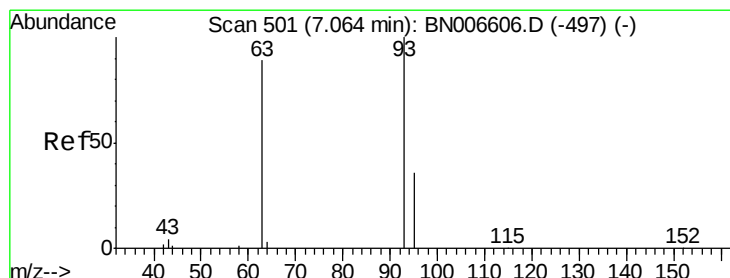
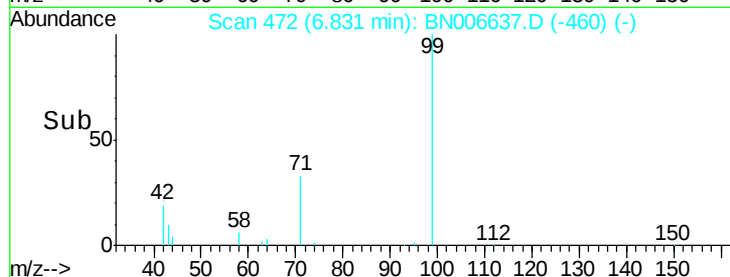
1000

500

0

6.70 6.80 6.90 7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.420 ng

RT: 7.06 min Scan# 501

Delta R.T. -0.00 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

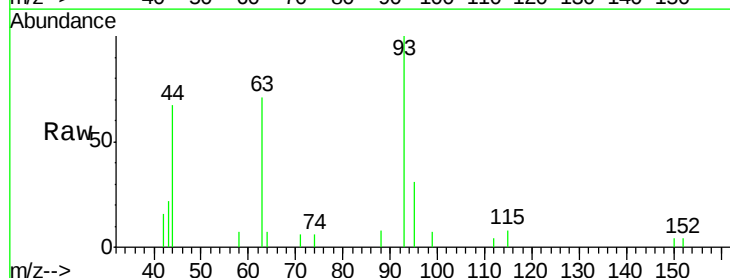
Tgt Ion: 93 Resp: 4528

Ion Ratio Lower Upper

93 100

63 63.7 52.5 78.7

95 30.8 24.2 36.4



Abundance Ion 93.00 (92.70 to 93.70): BN006637.D (-476) (-)

Ion 63.00 (62.70 to 63.70): BN006637.D (-476) (-)

Ion 95.00 (94.70 to 95.70): BN006637.D (-476) (-)

7.06

3000

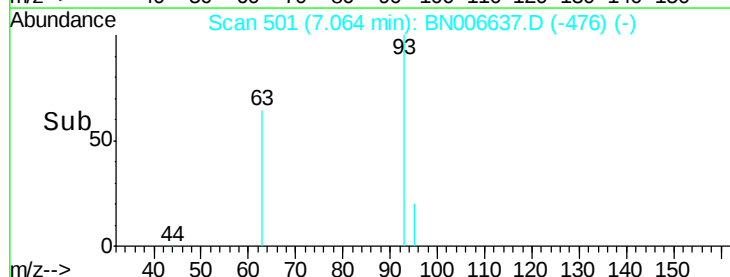
2000

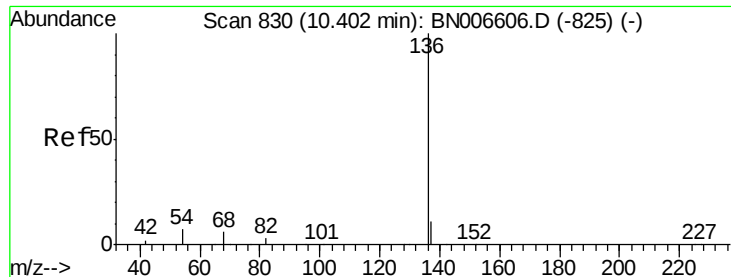
1000

0

7.00 7.10 7.20 7.30

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 16367

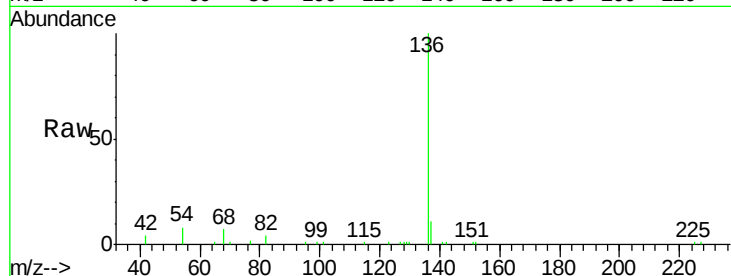
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 8.4 6.7 10.1

68 6.6 5.3 7.9

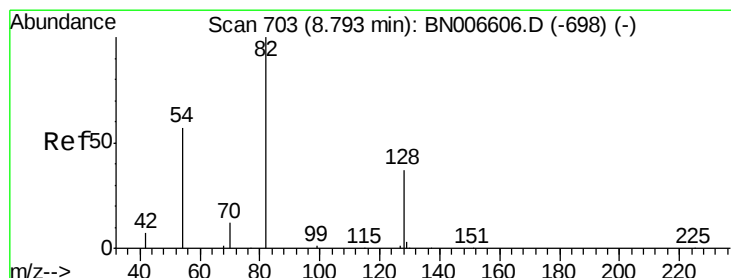
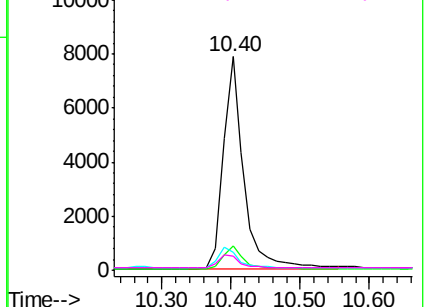
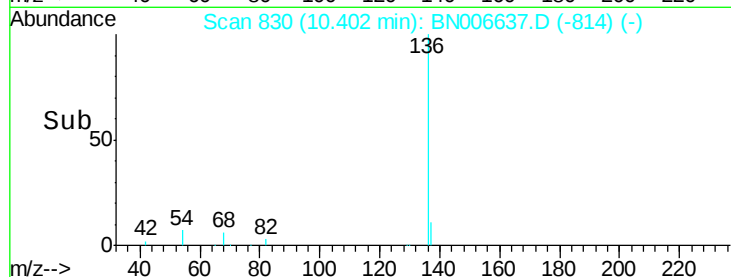


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.402 ng

RT: 8.79 min Scan# 703

Delta R.T. -0.00 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

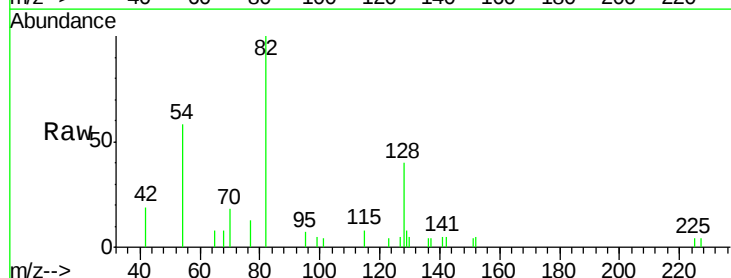
Tgt Ion: 82 Resp: 4423

Ion Ratio Lower Upper

82 100

128 39.8 32.6 49.0

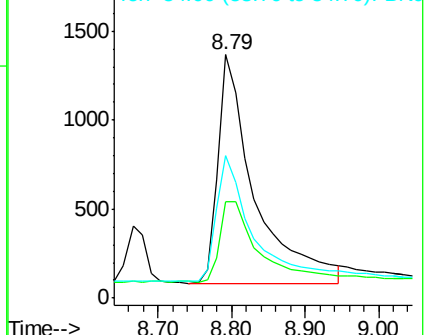
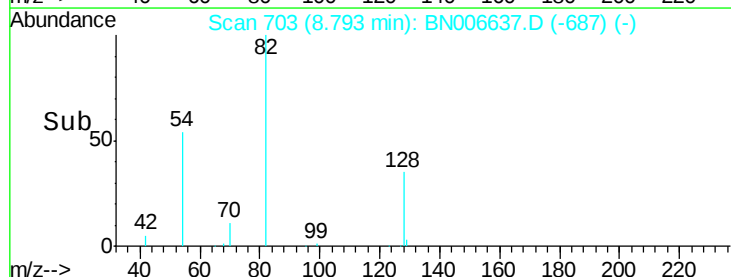
54 58.4 48.2 72.4

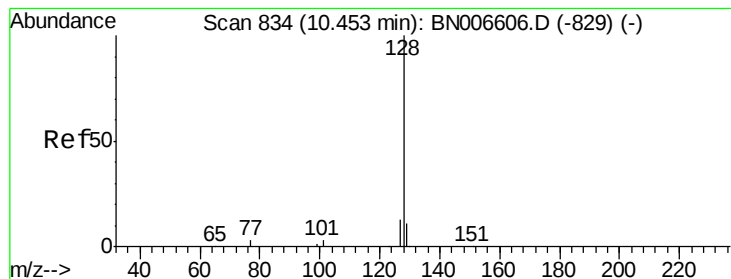


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.426 ng

RT: 10.45 min Scan# 834

Delta R.T. -0.00 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

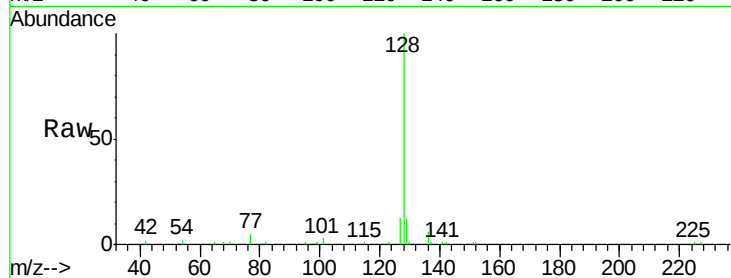
Tgt Ion:128 Resp: 18317

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

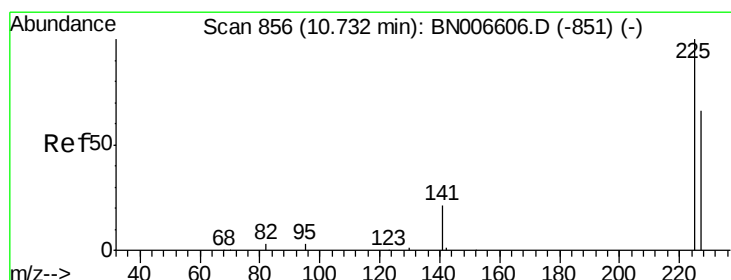
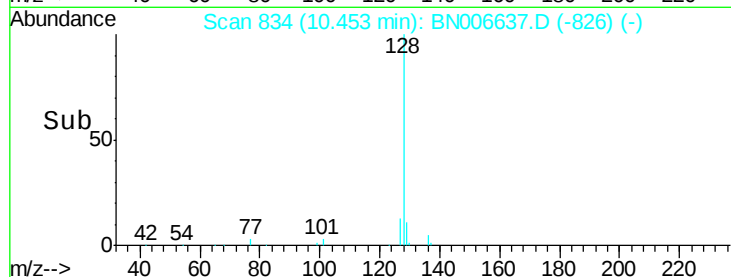
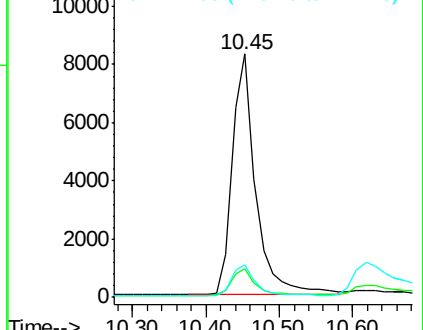
127 13.3 10.8 16.2



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: 0.429 ng

RT: 10.73 min Scan# 856

Delta R.T. -0.00 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

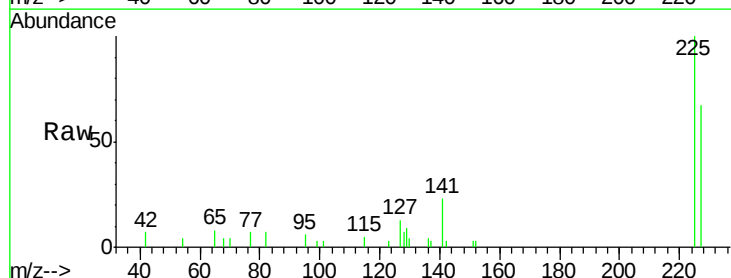
Tgt Ion:225 Resp: 3794

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

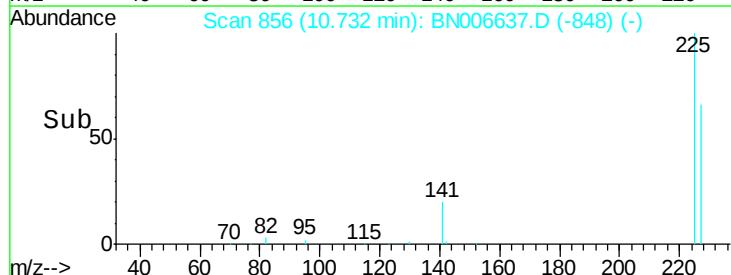
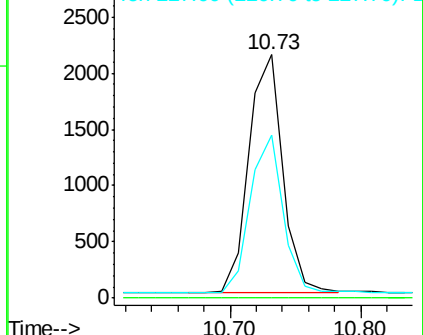
227 64.2 51.4 77.2

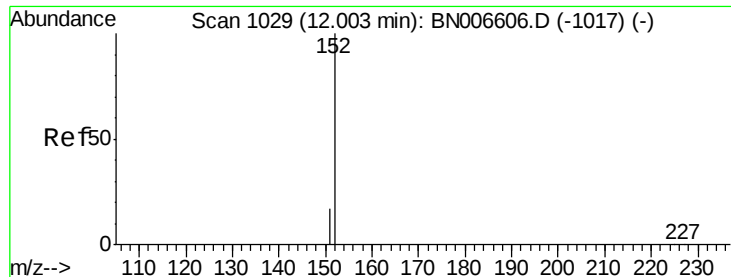


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

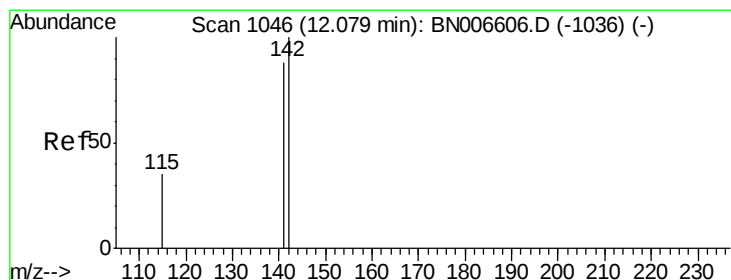
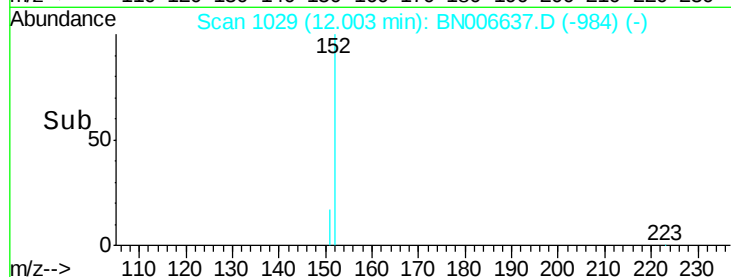
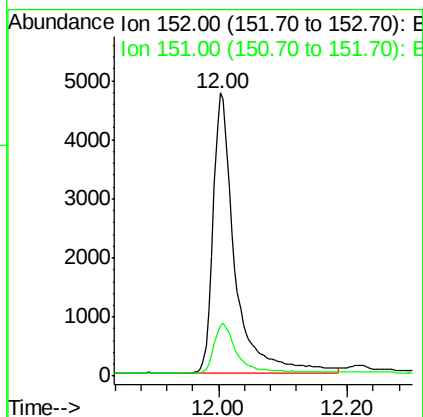
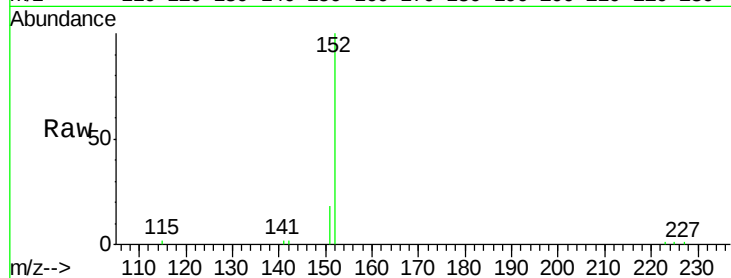




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.429 ng  
 RT: 12.00 min Scan# 1029  
 Delta R.T. -0.00 min  
 Lab File: BN006637.D  
 Acq: 29 Jun 2019 05:05

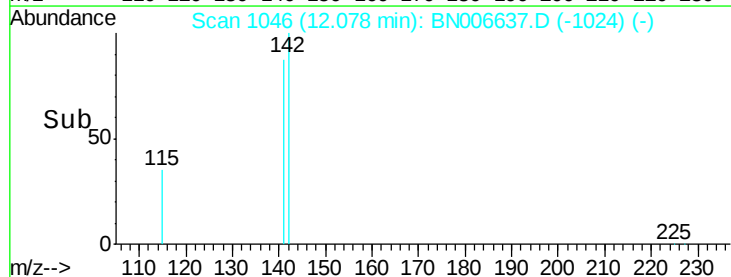
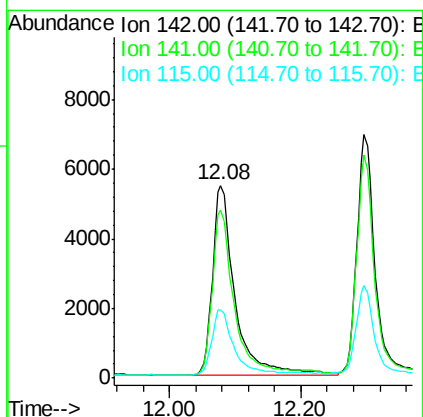
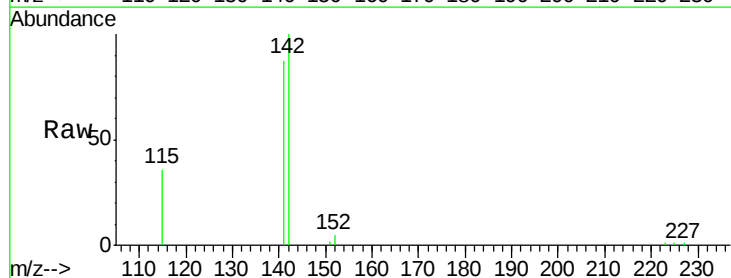
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Tgt Ion:152 Resp: 11054  
 Ion Ratio Lower Upper  
 152 100  
 151 18.5 15.0 22.4



#12  
 2-Methylnaphthalene  
 Concen: 0.436 ng  
 RT: 12.08 min Scan# 1046  
 Delta R.T. -0.00 min  
 Lab File: BN006637.D  
 Acq: 29 Jun 2019 05:05

Tgt Ion:142 Resp: 12965  
 Ion Ratio Lower Upper  
 142 100  
 141 87.3 70.2 105.4  
 115 35.7 28.5 42.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

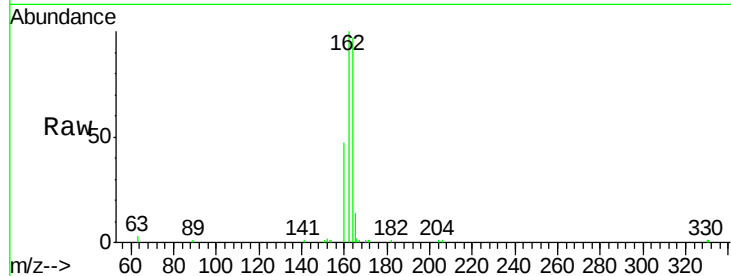
Tgt Ion:164 Resp: 10705

Ion Ratio Lower Upper

164 100

162 103.5 80.0 120.0

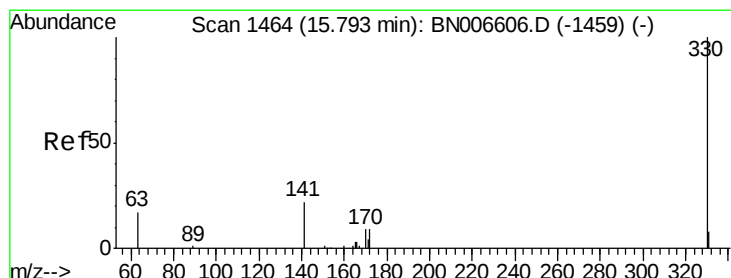
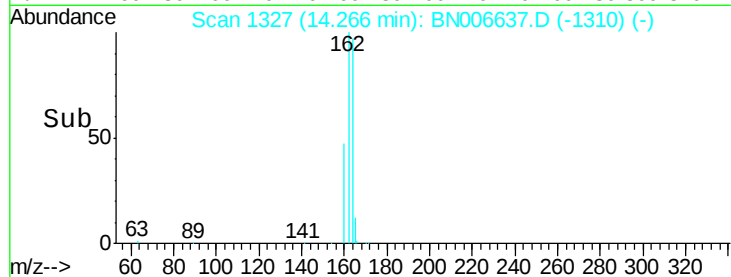
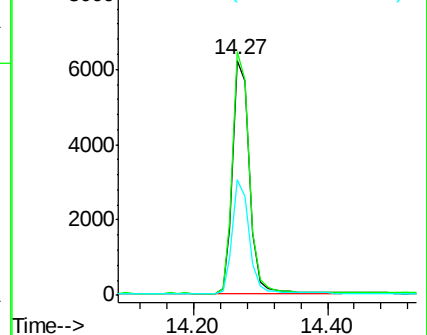
160 49.0 37.0 55.4



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: 0.419 ng

RT: 15.79 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

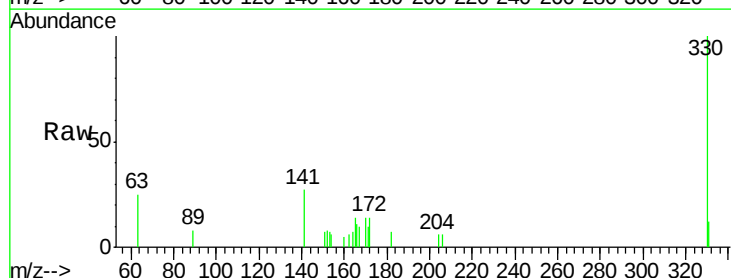
Tgt Ion:330 Resp: 2112

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

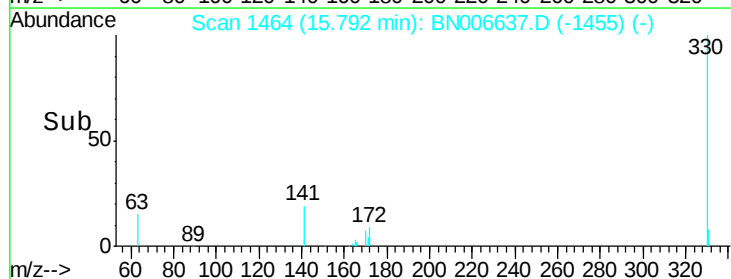
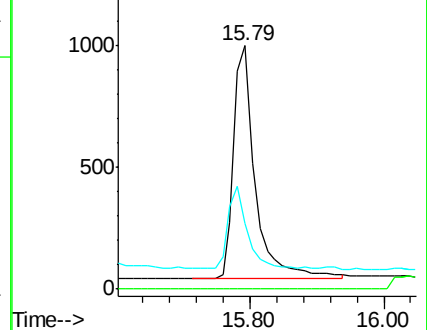
141 32.3 26.5 39.7



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

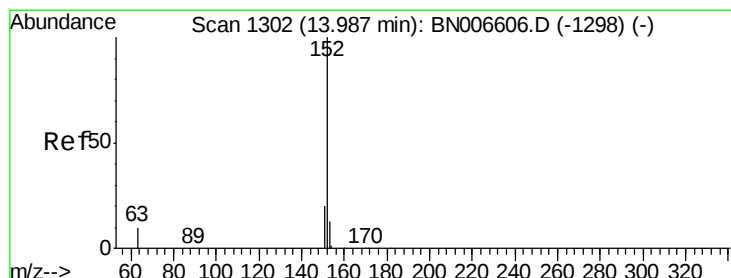
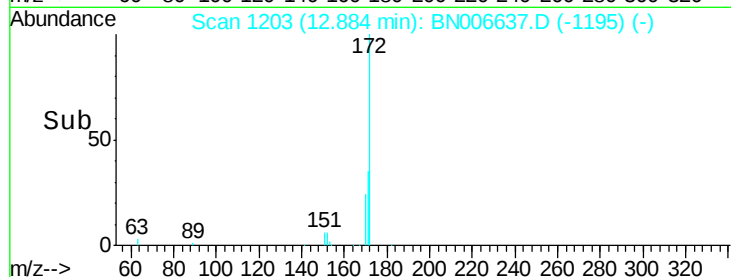
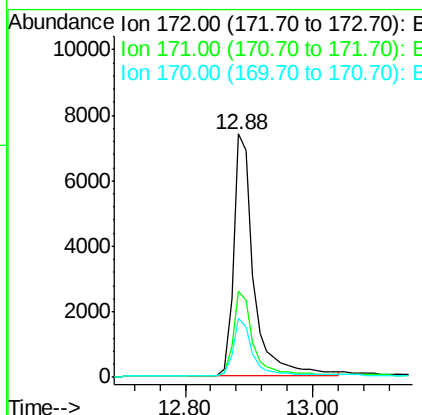
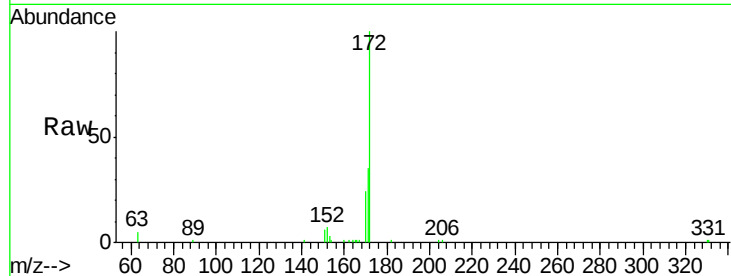




#15  
2-Fluorobiphenyl  
Concen: 0.410 ng  
RT: 12.88 min Scan# 1203  
Delta R.T. -0.01 min  
Lab File: BN006637.D  
Acq: 29 Jun 2019 05:05

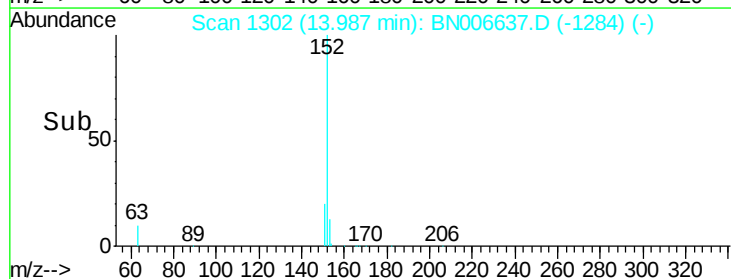
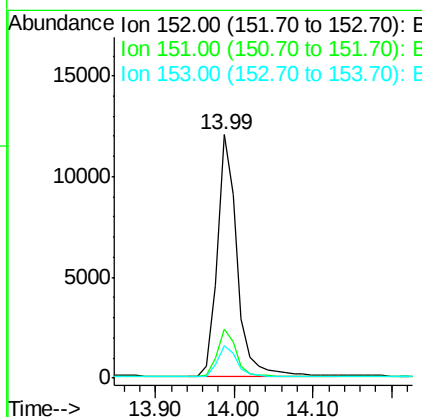
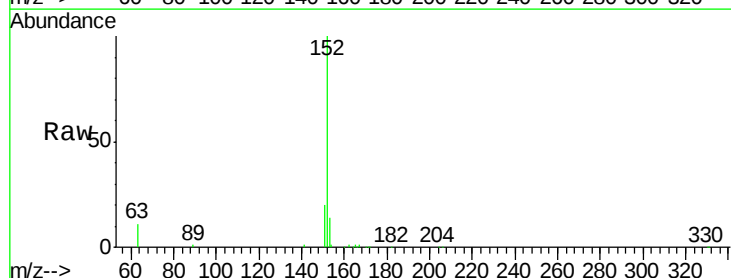
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

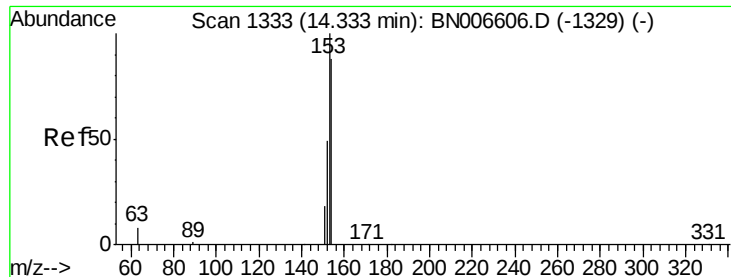
Tgt Ion:172 Resp: 16276  
Ion Ratio Lower Upper  
172 100  
171 35.5 27.0 40.4  
170 24.4 17.7 26.5



#16  
Acenaphthylene  
Concen: 0.414 ng  
RT: 13.99 min Scan# 1302  
Delta R.T. -0.00 min  
Lab File: BN006637.D  
Acq: 29 Jun 2019 05:05

Tgt Ion:152 Resp: 21130  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.6 23.4  
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.430 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

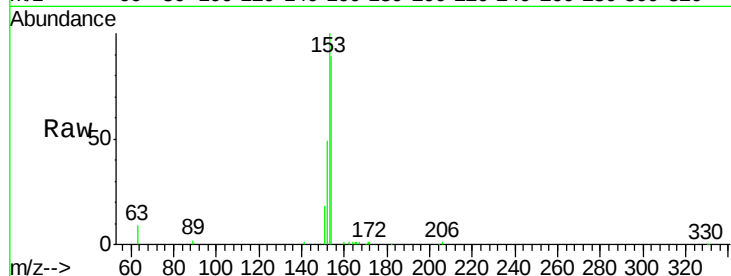
Tgt Ion:154 Resp: 14443

Ion Ratio Lower Upper

154 100

153 112.8 90.2 135.4

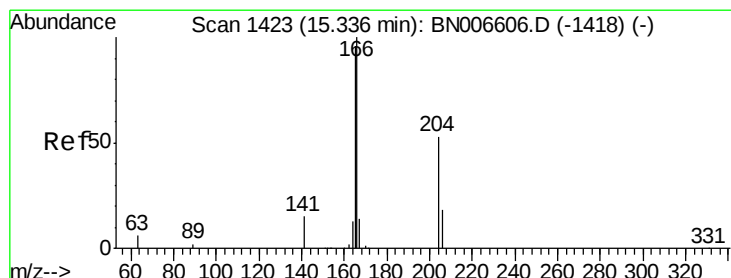
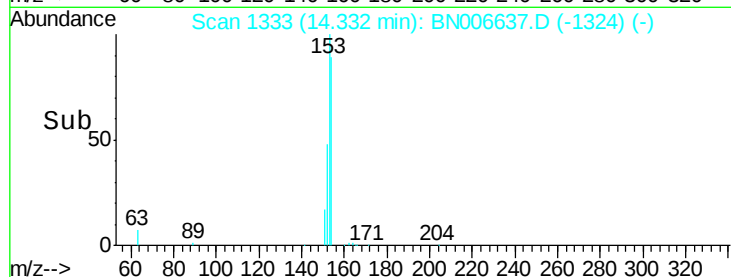
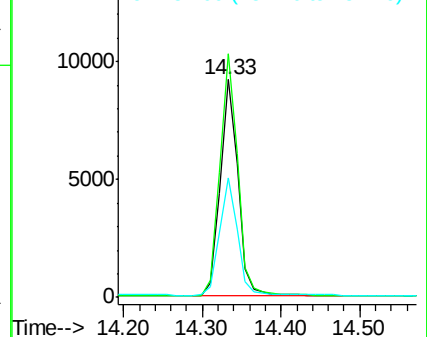
152 54.6 44.2 66.4



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: 0.425 ng

RT: 15.34 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

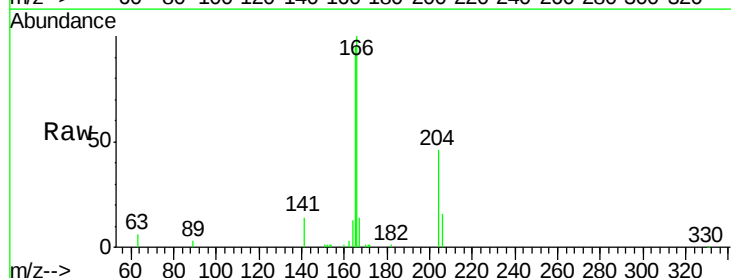
Tgt Ion:166 Resp: 18046

Ion Ratio Lower Upper

166 100

165 97.6 78.4 117.6

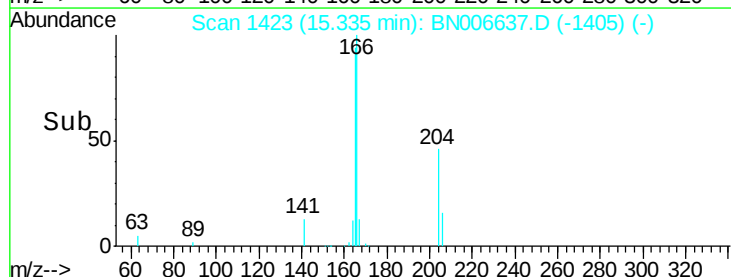
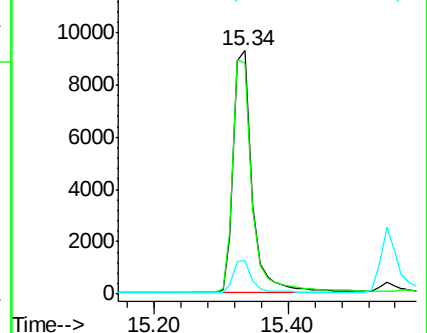
167 13.4 10.8 16.2

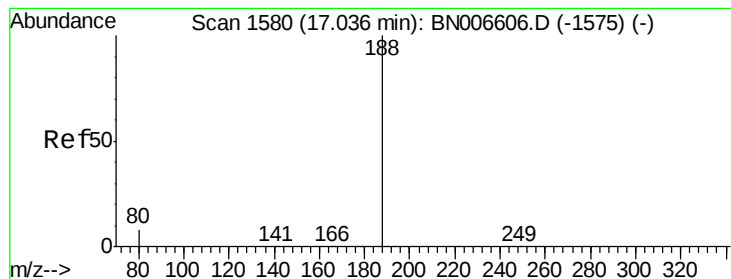


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.03 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

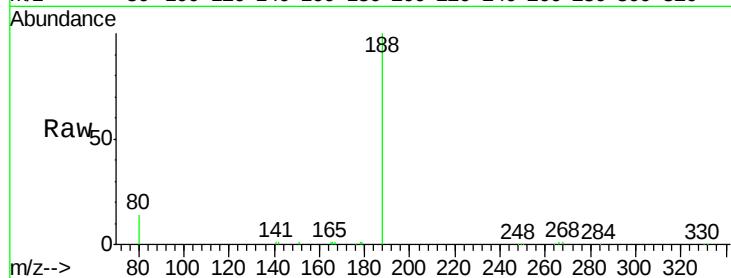
Tgt Ion:188 Resp: 24731

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

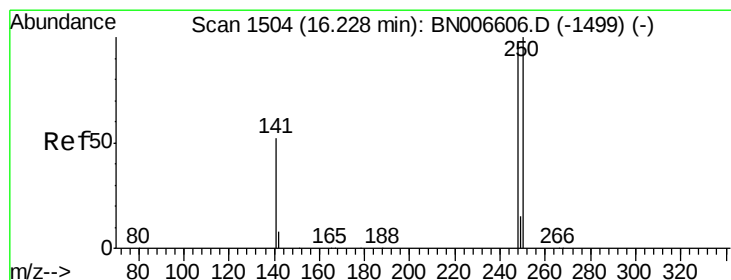
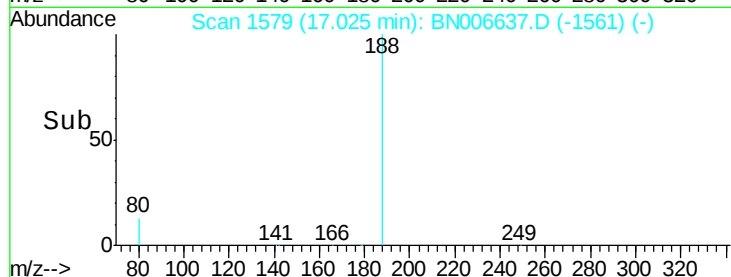
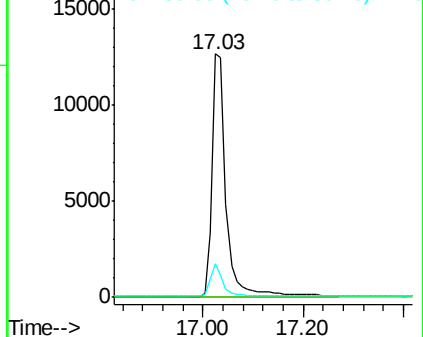
80 14.0 7.1 10.7#



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: 0.425 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

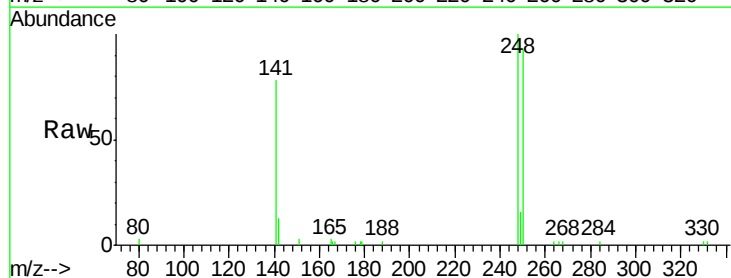
Tgt Ion:248 Resp: 5819

Ion Ratio Lower Upper

248 100

250 92.7 82.2 123.4

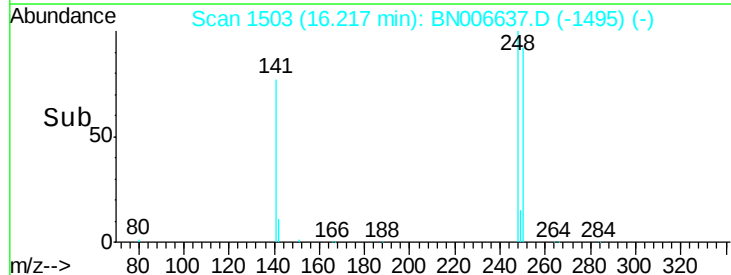
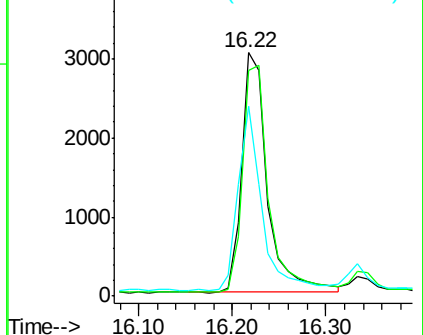
141 78.0 43.8 65.8#

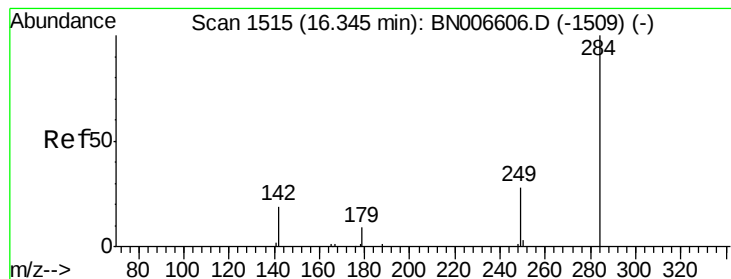


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.430 ng

RT: 16.34 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

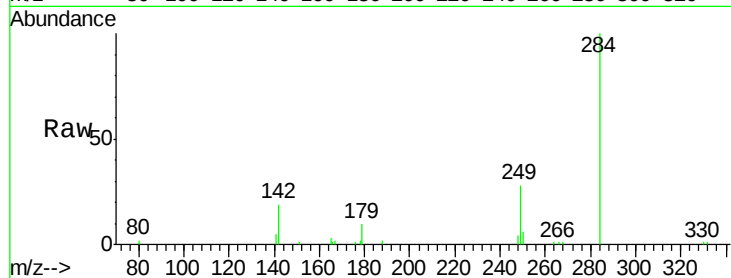
Tgt Ion:284 Resp: 7440

Ion Ratio Lower Upper

284 100

142 33.8 27.5 41.3

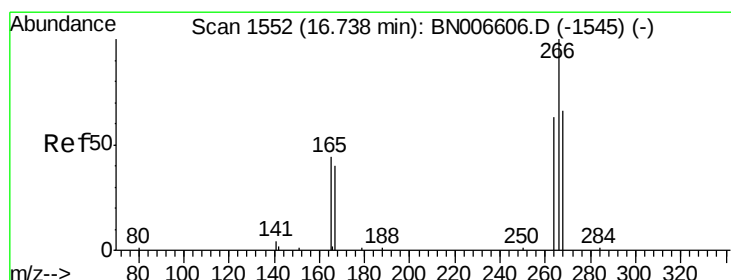
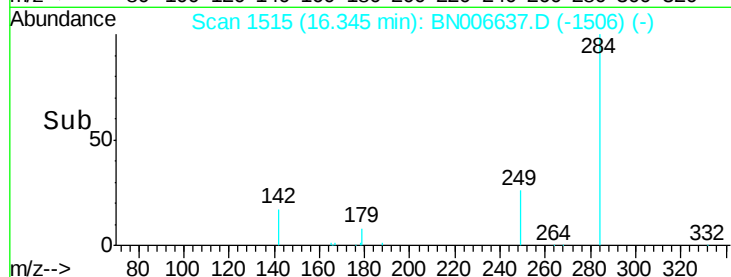
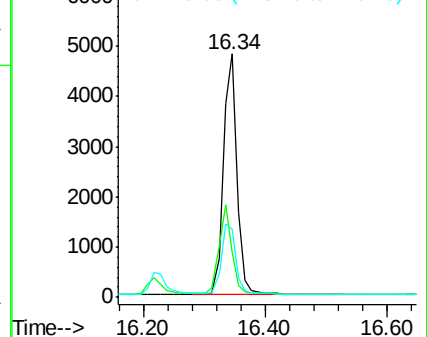
249 30.9 24.7 37.1



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: 0.544 ng

RT: 16.72 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

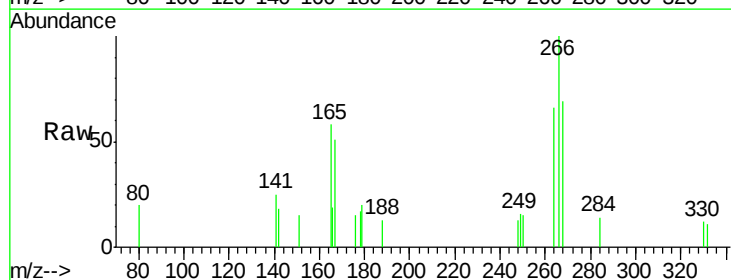
Tgt Ion:266 Resp: 1390

Ion Ratio Lower Upper

266 100

264 66.1 56.2 84.4

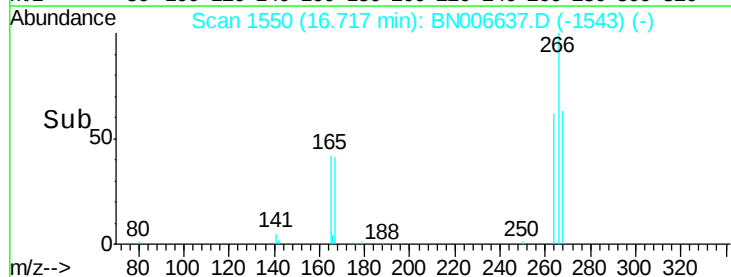
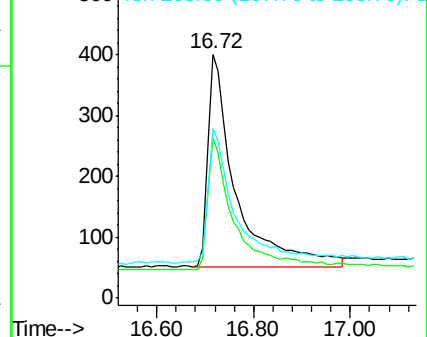
268 69.3 63.0 94.4

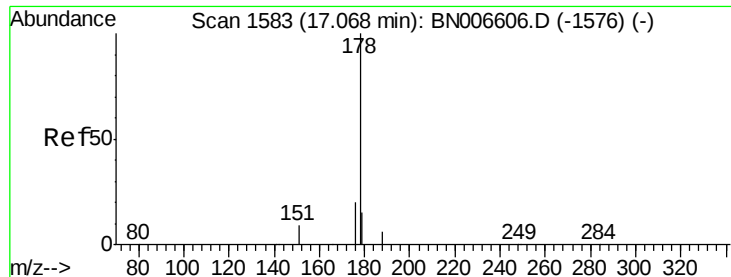


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.424 ng

RT: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

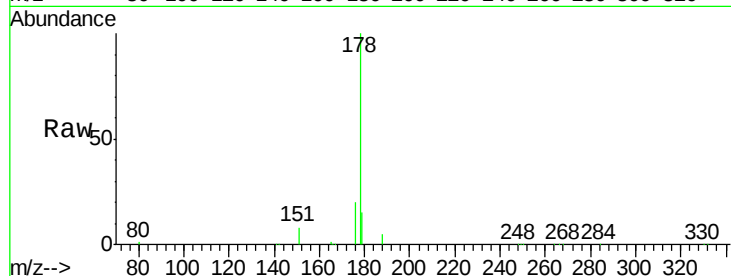
Tgt Ion:178 Resp: 29851

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

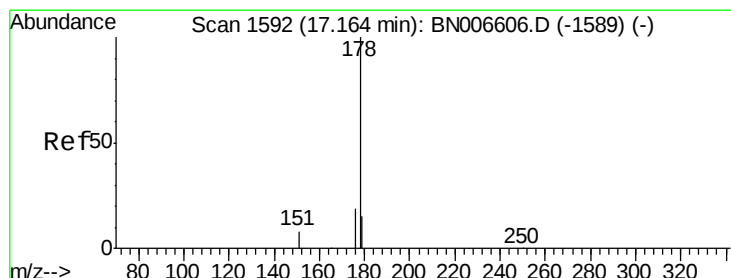
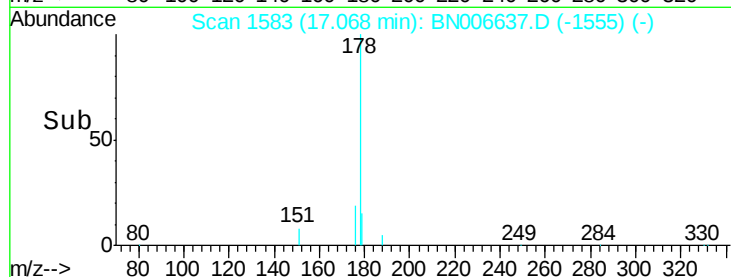
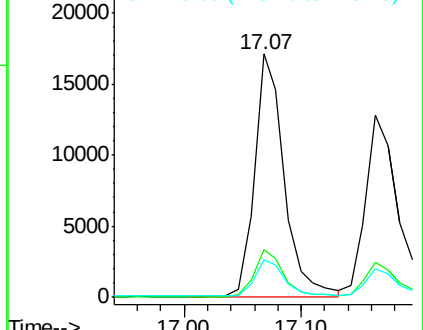
179 15.3 12.2 18.4



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



#24

Anthracene

Concen: 0.413 ng

RT: 17.16 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

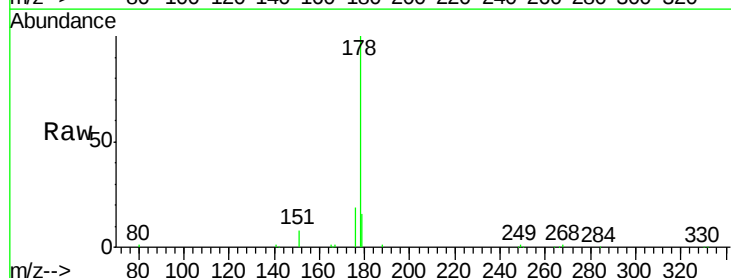
Tgt Ion:178 Resp: 25172

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

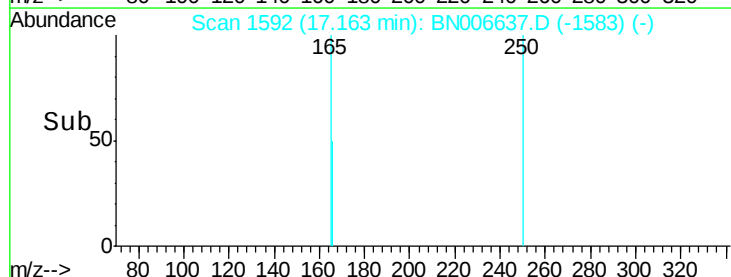
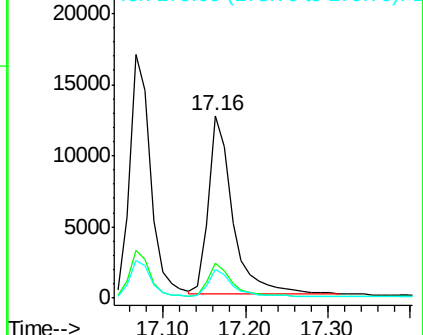
179 15.3 12.2 18.2

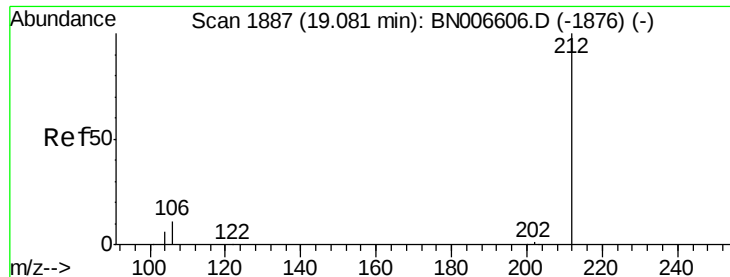


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.423 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

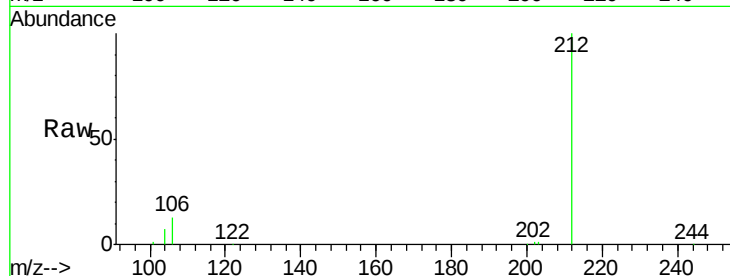
Tgt Ion:212 Resp: 30712

Ion Ratio Lower Upper

212 100

106 13.5 10.6 15.8

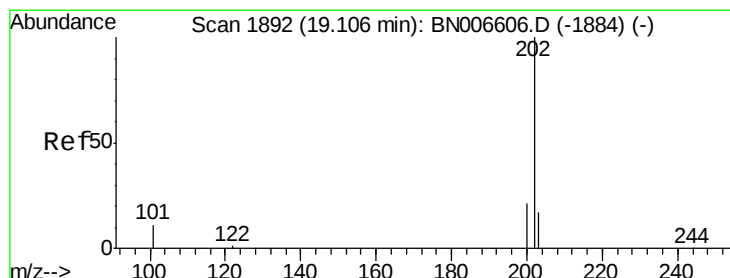
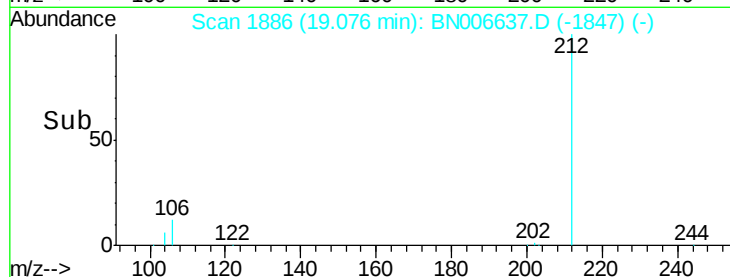
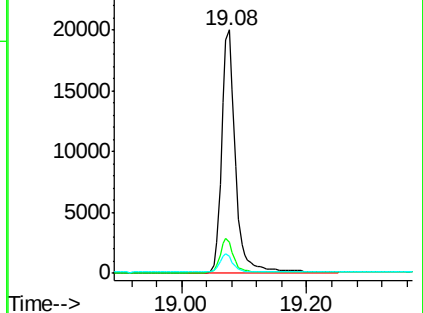
104 7.5 5.8 8.6



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: 0.432 ng

RT: 19.11 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

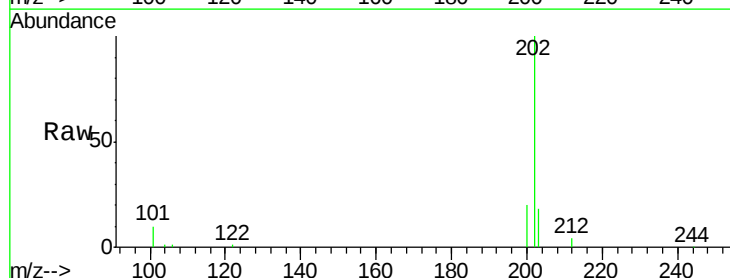
Tgt Ion:202 Resp: 36912

Ion Ratio Lower Upper

202 100

101 11.3 8.9 13.3

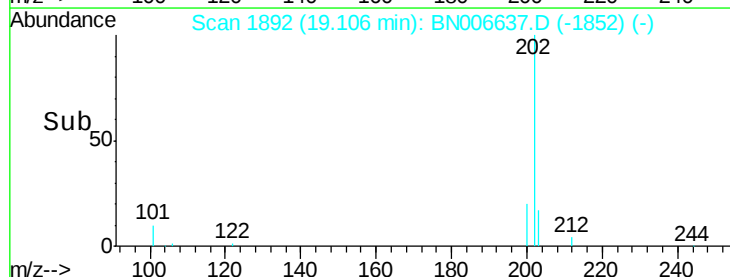
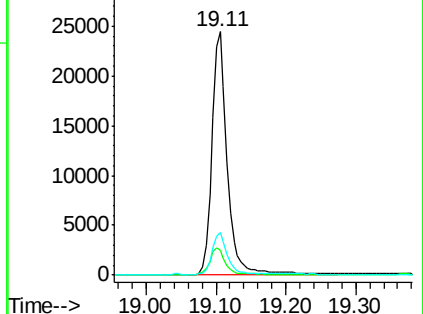
203 17.0 13.6 20.4

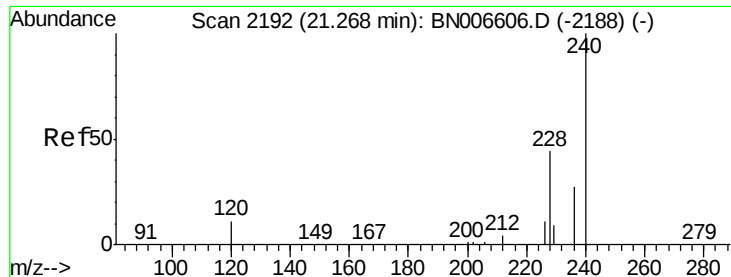


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2190

Delta R.T. -0.02 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

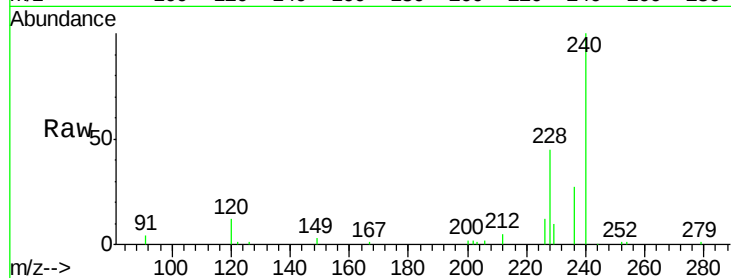
Tgt Ion:240 Resp: 24154

Ion Ratio Lower Upper

240 100

120 12.0 9.9 14.9

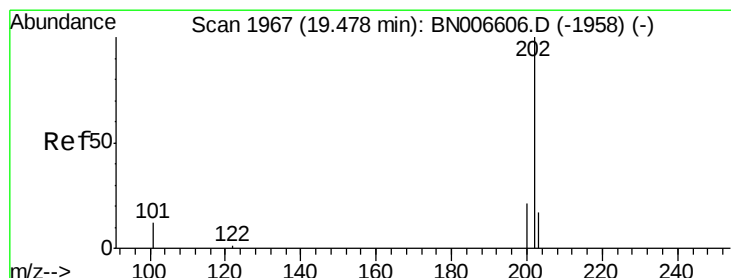
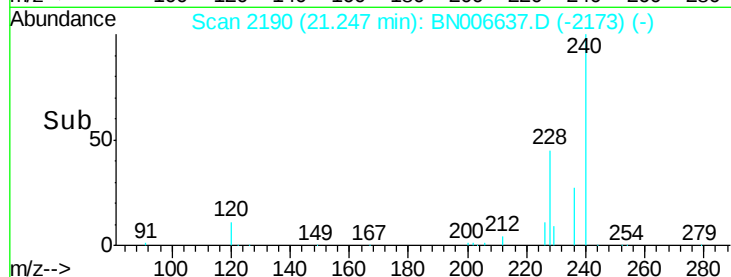
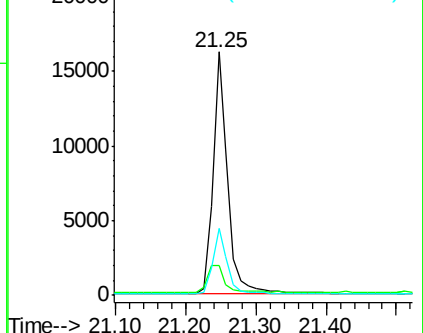
236 27.5 22.2 33.4



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: 0.450 ng

RT: 19.47 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

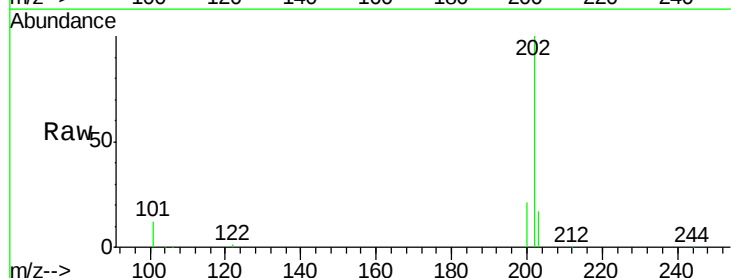
Tgt Ion:202 Resp: 38032

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

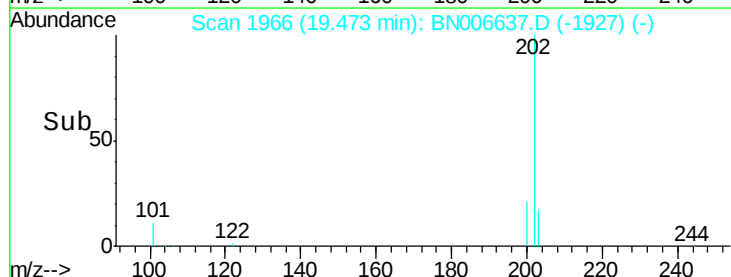
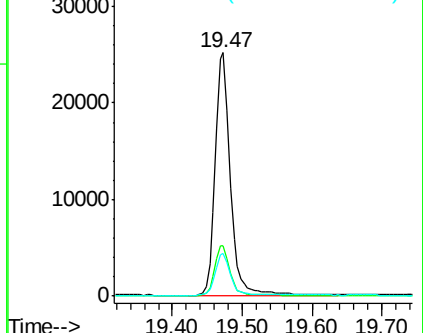
203 17.4 14.1 21.1

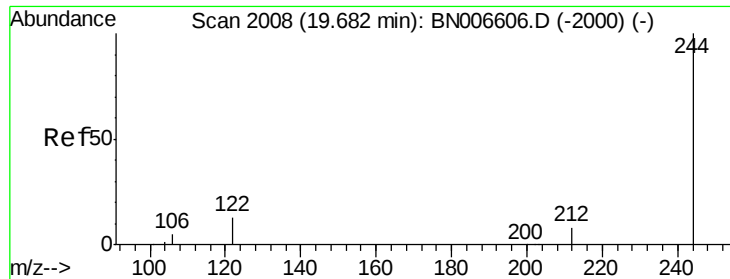


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.439 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

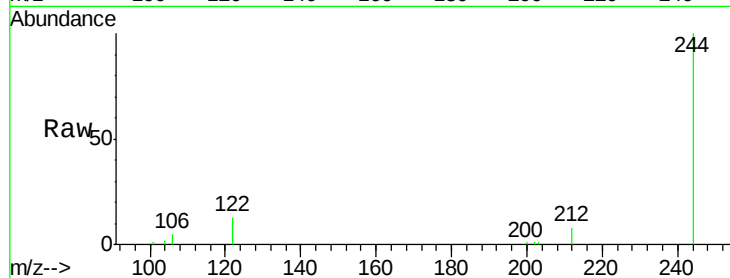
Tgt Ion:244 Resp: 22220

Ion Ratio Lower Upper

244 100

212 8.3 6.7 10.1

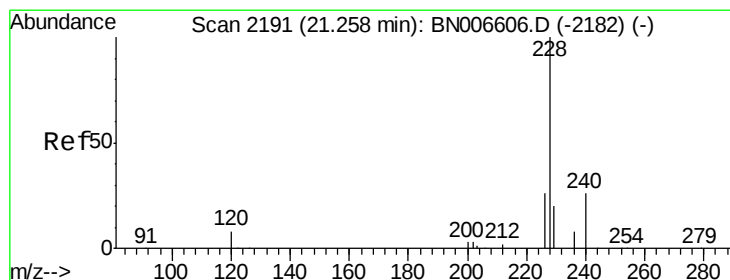
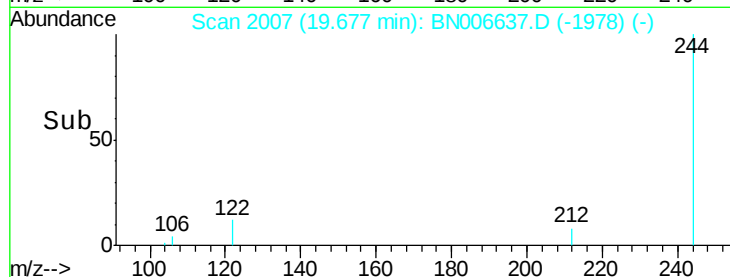
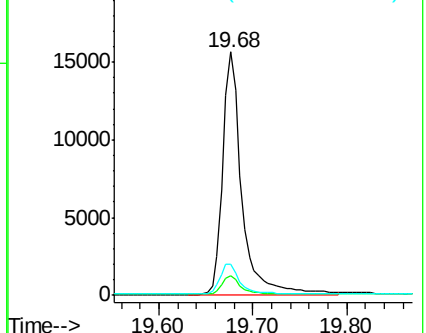
122 13.0 11.0 16.6



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: 0.421 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

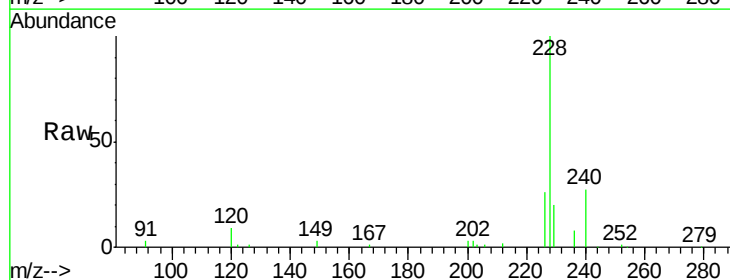
Tgt Ion:228 Resp: 33217

Ion Ratio Lower Upper

228 100

226 26.5 21.2 31.8

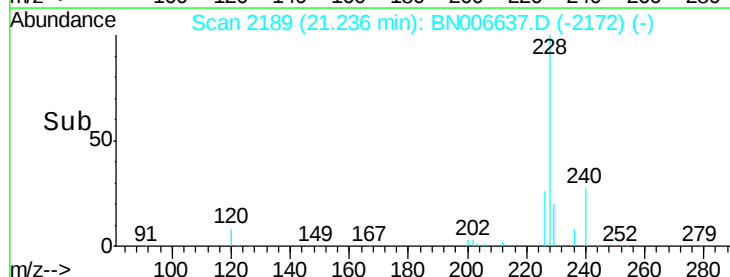
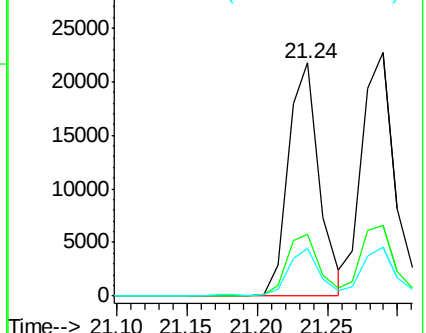
229 20.4 16.1 24.1



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: 0.434 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

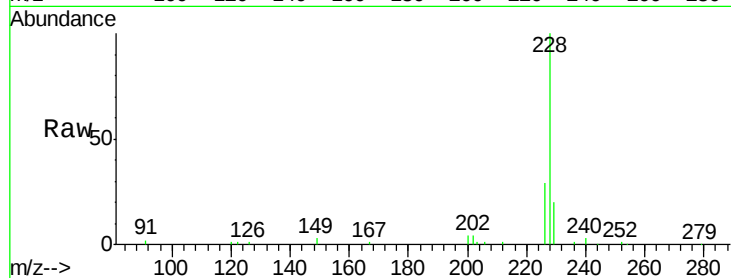
Tgt Ion:228 Resp: 36961

Ion Ratio Lower Upper

228 100

226 29.0 23.8 35.6

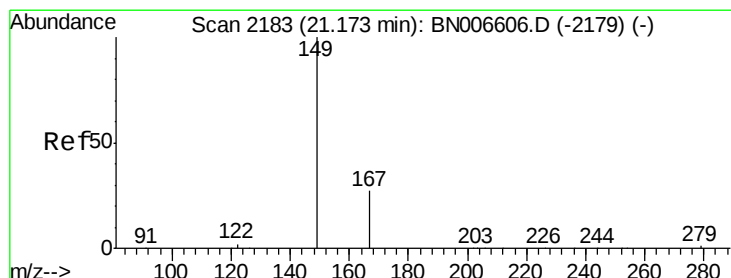
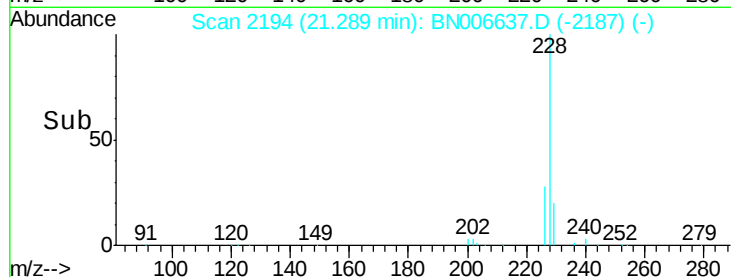
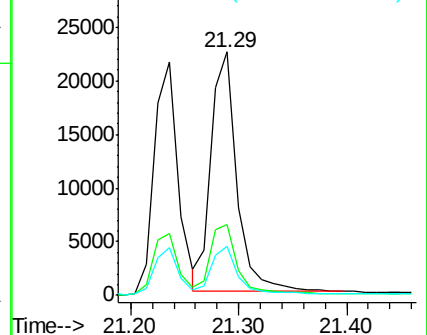
229 20.2 15.9 23.9



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: 0.536 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

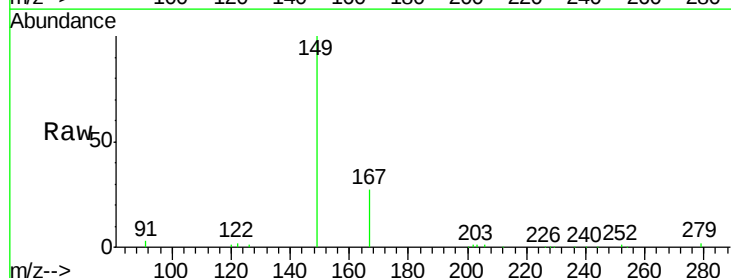
Tgt Ion:149 Resp: 21321

Ion Ratio Lower Upper

149 100

167 28.7 22.9 34.3

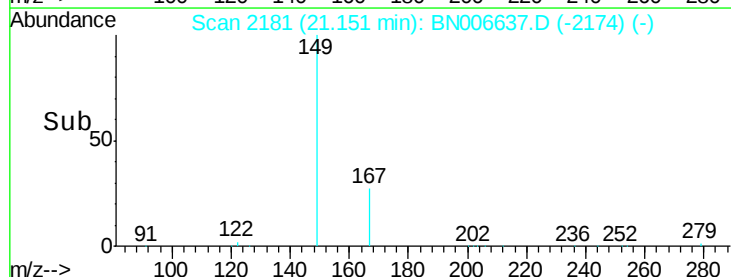
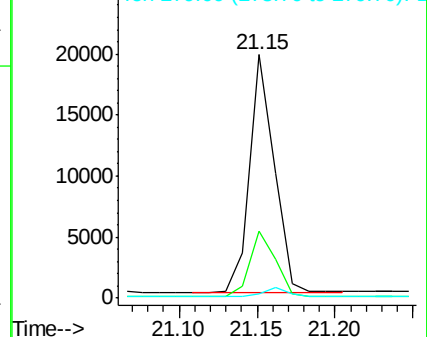
279 3.9 3.3 4.9

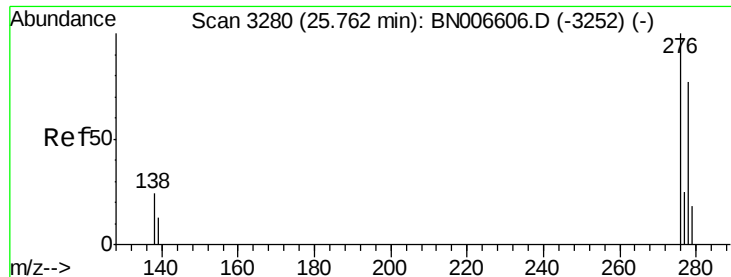


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.376 ng

RT: 25.71 min Scan# 3266

Delta R.T. -0.05 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

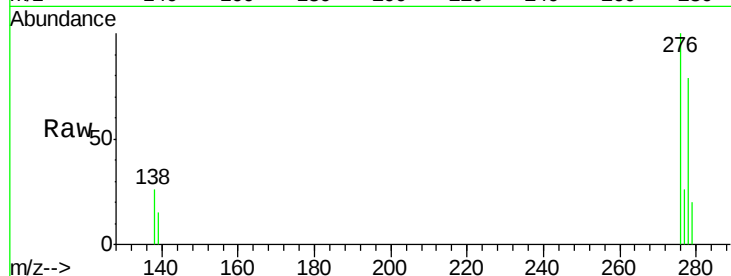
Tgt Ion:276 Resp: 32409

Ion Ratio Lower Upper

276 100

138 24.4 19.3 28.9

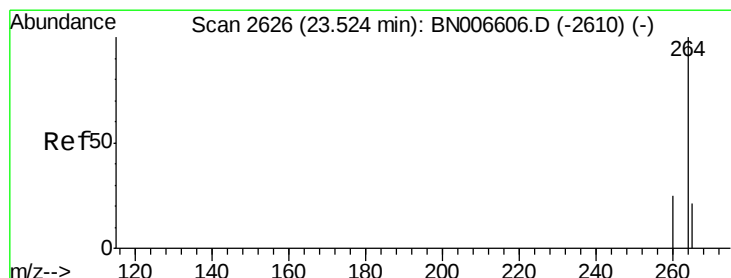
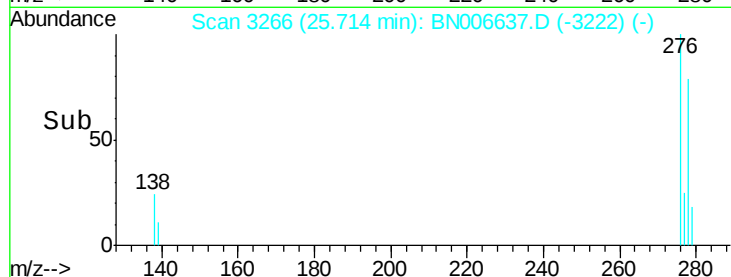
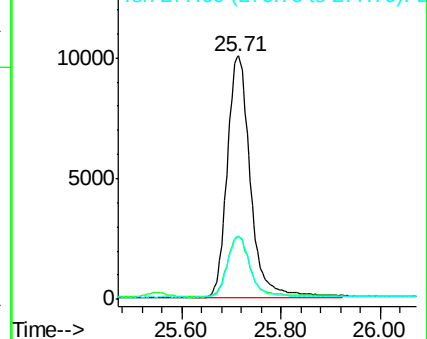
277 24.6 19.9 29.9



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: 23.48 min Scan# 2612

Delta R.T. -0.05 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

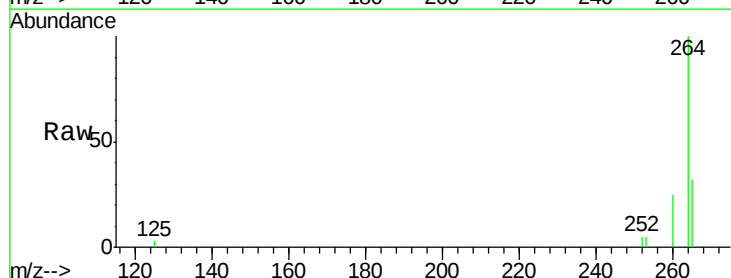
Tgt Ion:264 Resp: 23137

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.2

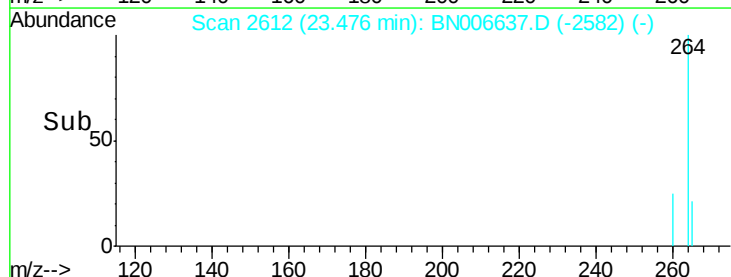
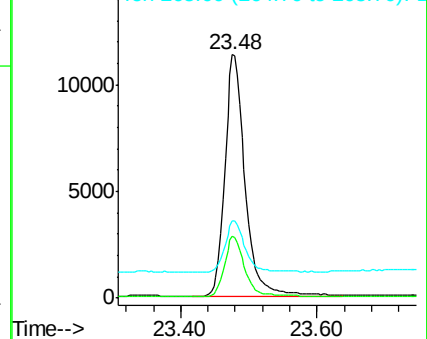
265 31.9 23.3 34.9



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: 0.441 ng

RT: 22.81 min Scan# 2418

Delta R.T. -0.04 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

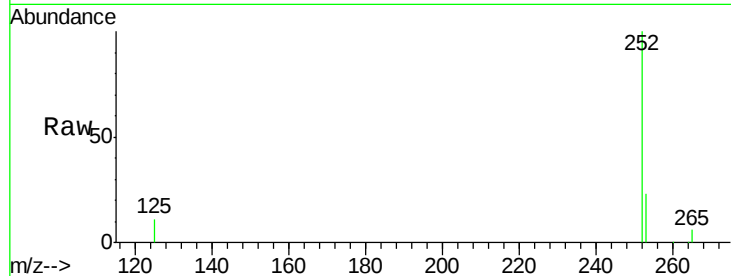
Tgt Ion:252 Resp: 34709

Ion Ratio Lower Upper

252 100

253 23.5 18.4 27.6

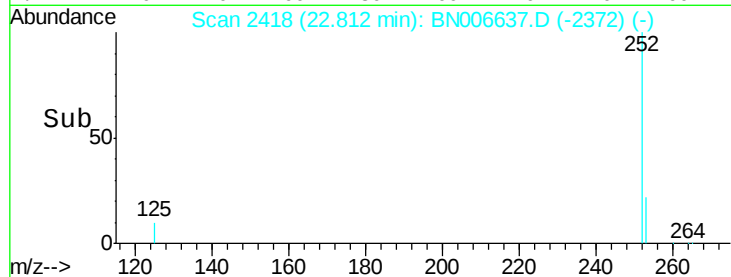
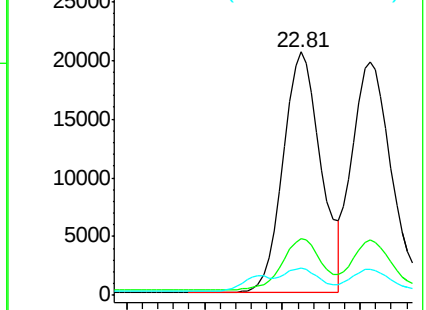
125 11.3 8.7 13.1



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



#36

Benzo(k)fluoranthene

Concen: 0.442 ng

RT: 22.86 min Scan# 2431

Delta R.T. -0.04 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

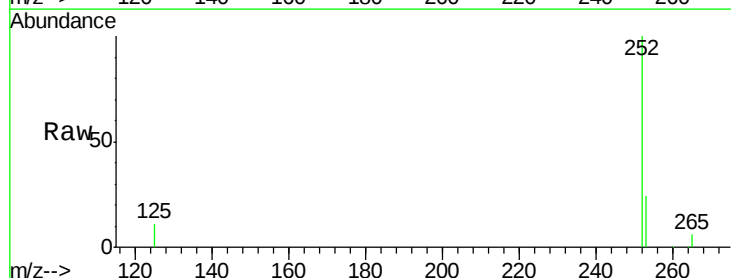
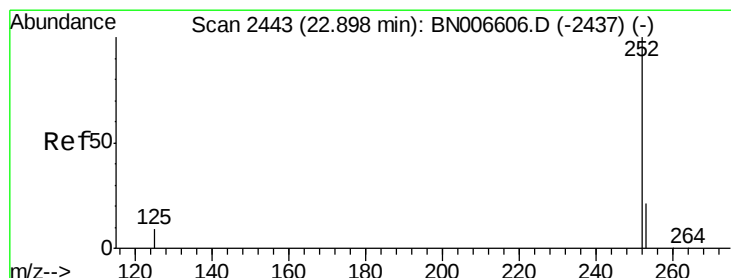
Tgt Ion:252 Resp: 37055

Ion Ratio Lower Upper

252 100

253 23.6 18.3 27.5

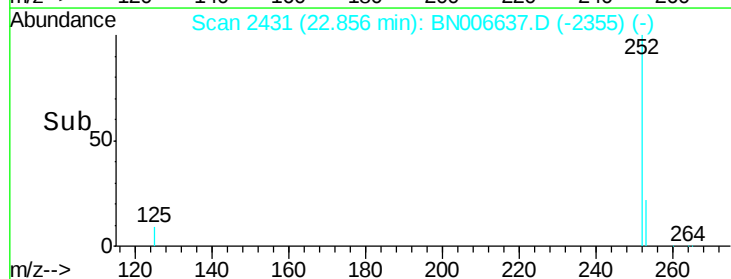
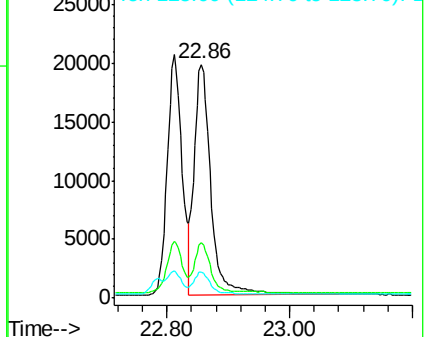
125 11.0 8.4 12.6

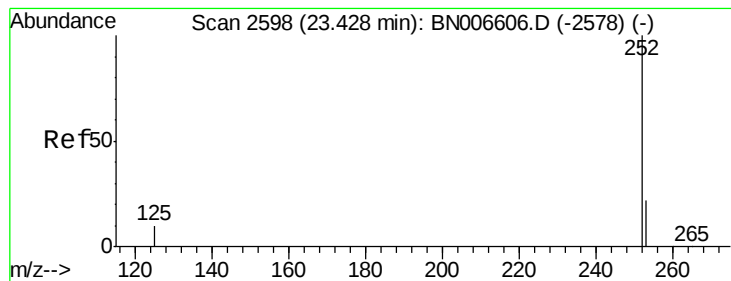


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.427 ng

RT: 23.38 min Scan# 2585

Delta R.T. -0.04 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

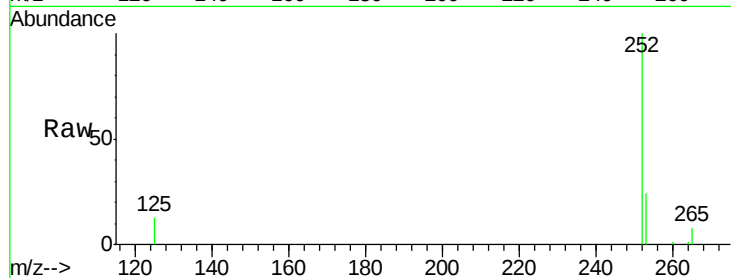
Tgt Ion:252 Resp: 31434

Ion Ratio Lower Upper

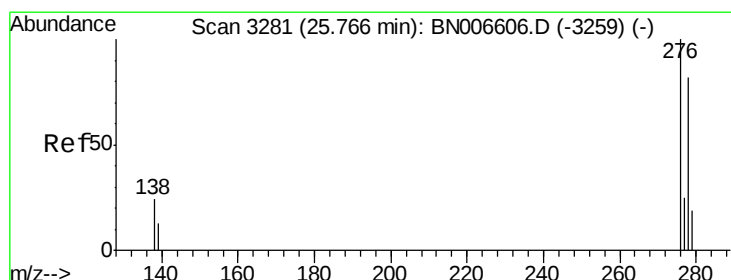
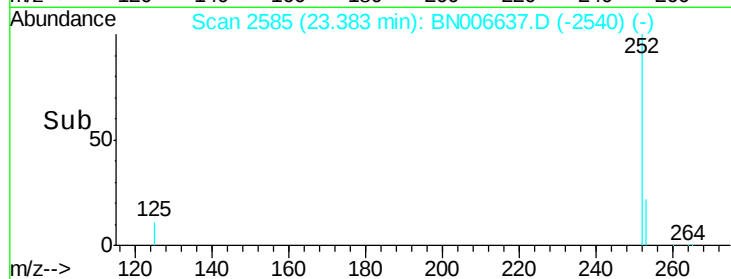
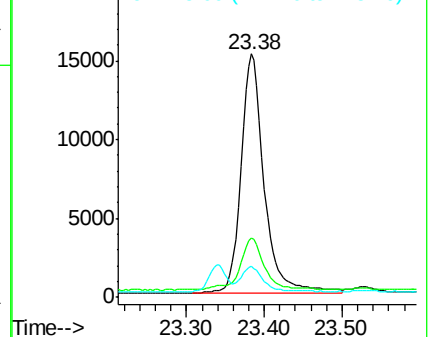
252 100

253 24.3 18.8 28.2

125 12.7 9.4 14.2



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: 0.405 ng

RT: 25.72 min Scan# 3268

Delta R.T. -0.04 min

Lab File: BN006637.D

Acq: 29 Jun 2019 05:05

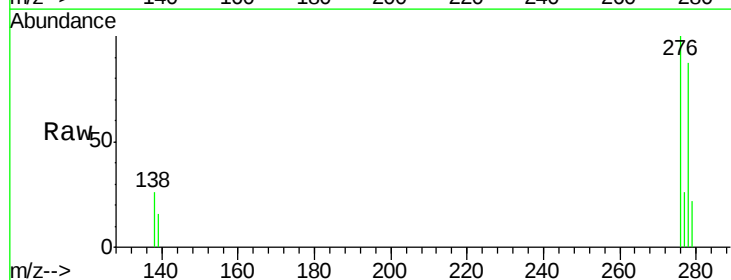
Tgt Ion:278 Resp: 26030

Ion Ratio Lower Upper

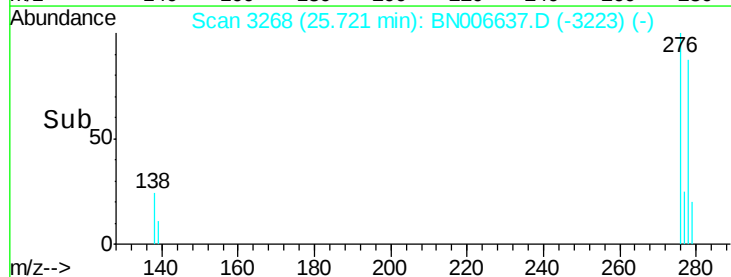
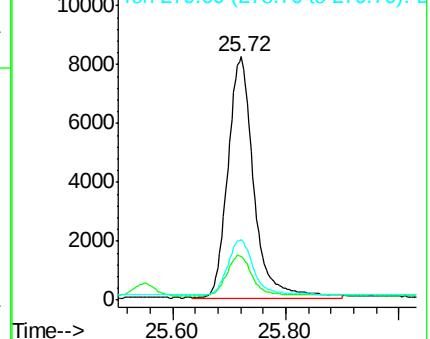
278 100

139 17.9 13.5 20.3

279 25.1 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: 0.405 ng

RT: 26.40 min Scan# 3465

Delta R.T. -0.05 min

Lab File: BN006637.D

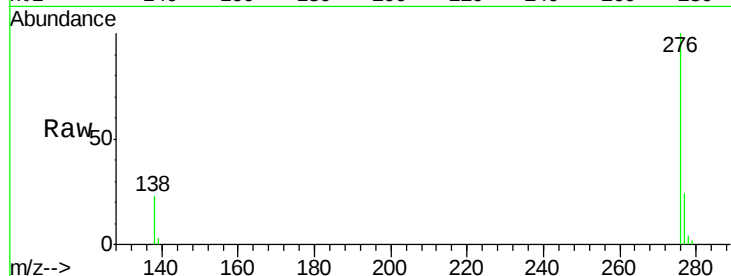
Acq: 29 Jun 2019 05:05

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



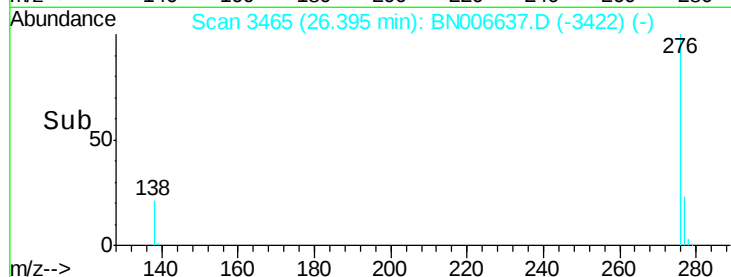
Tgt Ion: 276 Resp: 25981

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 22.8 17.7 26.5



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

