

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN070519\  
 Data File : BN006729.D  
 Acq On : 05 Jul 2019 22:54  
 Operator : HP/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Jul 06 00:01:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN070219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 05 05:30:28 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 2729     | 0.40 | ng    | -0.02    |
| 7) Naphthalene-d8         | 10.36 | 136  | 11159    | 0.40 | ng    | -0.03    |
| 13) Acenaphthene-d10      | 14.24 | 164  | 6542     | 0.40 | ng    | -0.02    |
| 19) Phenanthrene-d10      | 17.00 | 188  | 15219    | 0.40 | ng    | -0.02    |
| 27) Chrysene-d12          | 21.23 | 240  | 15237    | 0.40 | ng    | -0.03    |
| 34) Perylene-d12          | 23.45 | 264  | 18123    | 0.40 | ng    | -0.06    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.22  | 112  | 2676     | 0.36 | ng    | -0.02    |
| 5) Phenol-d6                | 6.81  | 99   | 3478     | 0.37 | ng    | -0.02    |
| 8) Nitrobenzene-d5          | 8.77  | 82   | 3001     | 0.35 | ng    | -0.03    |
| 11) 2-Methylnaphthalene-d10 | 11.97 | 152  | 6671     | 0.40 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol    | 15.77 | 330  | 1227     | 0.38 | ng    | -0.02    |
| 15) 2-Fluorobiphenyl        | 12.86 | 172  | 9477     | 0.37 | ng    | -0.02    |
| 25) Fluoranthene-d10        | 19.05 | 212  | 17677    | 0.41 | ng    | -0.02    |
| 29) Terphenyl-d14           | 19.66 | 244  | 13117    | 0.37 | ng    | -0.02    |

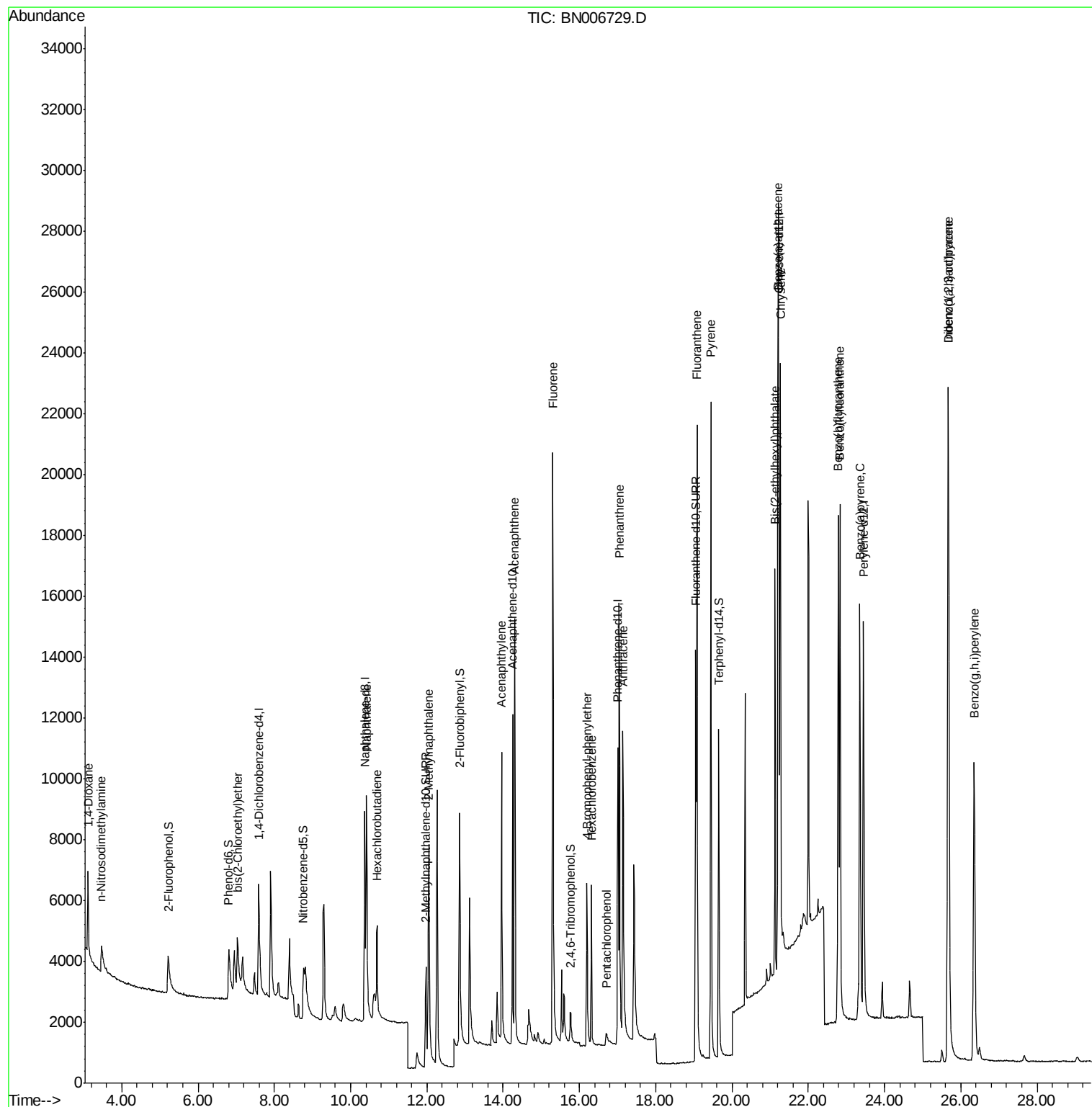
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.12  | 88   | 1823     | 0.427 | ng    | 98     |
| 3) n-Nitrosodimethylamine      | 3.47  | 42   | 1166     | 0.362 | ng    | # 93   |
| 6) bis(2-Chloroethyl)ether     | 7.03  | 93   | 3386     | 0.427 | ng    | # 86   |
| 9) Naphthalene                 | 10.42 | 128  | 11919    | 0.390 | ng    | 99     |
| 10) Hexachlorobutadiene        | 10.69 | 225  | 2499     | 0.404 | ng    | # 100  |
| 12) 2-Methylnaphthalene        | 12.05 | 142  | 7745     | 0.356 | ng    | 99     |
| 16) Acenaphthylene             | 13.96 | 152  | 12447    | 0.382 | ng    | 99     |
| 17) Acenaphthene               | 14.30 | 154  | 8100     | 0.390 | ng    | 97     |
| 18) Fluorene                   | 15.30 | 166  | 10099    | 0.391 | ng    | 99     |
| 20) 4-Bromophenyl-phenylether  | 16.20 | 248  | 3242     | 0.362 | ng    | 98     |
| 21) Hexachlorobenzene          | 16.31 | 284  | 4214     | 0.395 | ng    | 99     |
| 22) Pentachlorophenol          | 16.71 | 266  | 639      | 0.542 | ng    | 96     |
| 23) Phenanthrene               | 17.05 | 178  | 16323    | 0.372 | ng    | 100    |
| 24) Anthracene                 | 17.14 | 178  | 14071    | 0.355 | ng    | 100    |
| 26) Fluoranthene               | 19.08 | 202  | 20358    | 0.395 | ng    | 100    |
| 28) Pyrene                     | 19.45 | 202  | 21221    | 0.348 | ng    | 100    |
| 30) Benzo(a)anthracene         | 21.22 | 228  | 19006    | 0.362 | ng    | 99     |
| 31) Chrysene                   | 21.27 | 228  | 21006    | 0.388 | ng    | 99     |
| 32) Bis(2-ethylhexyl)phthalate | 21.13 | 149  | 10473    | 0.067 | ng    | 100    |
| 33) Indeno(1,2,3-cd)pyrene     | 25.67 | 276  | 27230    | 0.420 | ng    | 98     |
| 35) Benzo(b)fluoranthene       | 22.78 | 252  | 21819    | 0.375 | ng    | 96     |
| 36) Benzo(k)fluoranthene       | 22.83 | 252  | 23357    | 0.370 | ng    | 96     |
| 37) Benzo(a)pyrene             | 23.36 | 252  | 21604    | 0.383 | ng    | # 95   |
| 38) Dibenzo(a,h)anthracene     | 25.68 | 278  | 21827    | 0.390 | ng    | 97     |
| 39) Benzo(g,h,i)perylene       | 26.35 | 276  | 22357    | 0.388 | ng    | 96     |

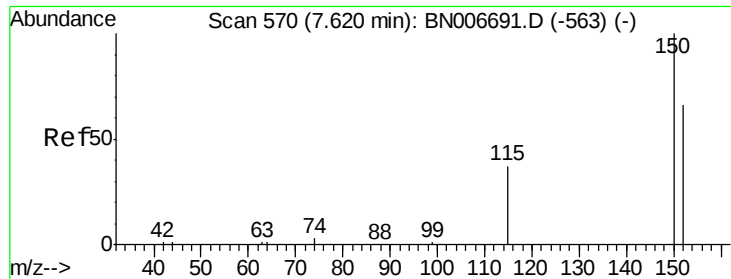
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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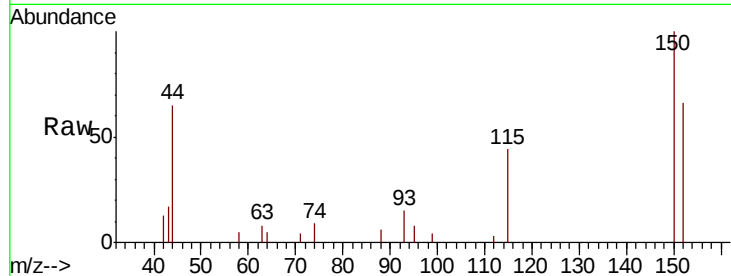


#1

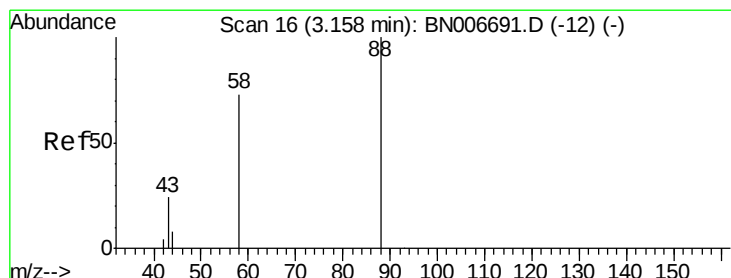
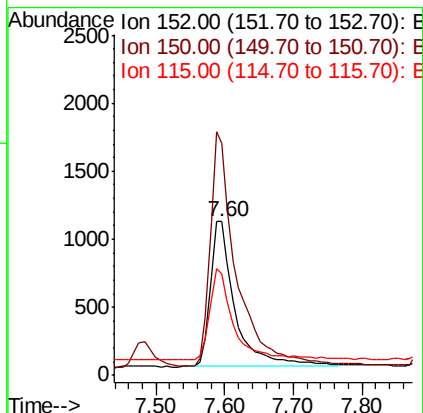
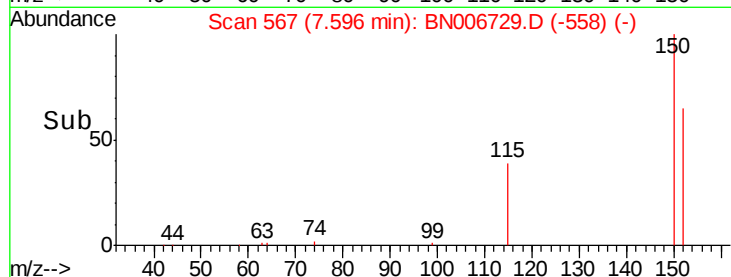
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.60 min Scan# 567  
Delta R.T. -0.02 min  
Lab File: BN006729.D  
Acq: 05 Jul 2019 22:54

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 2729  
Ion Ratio Lower Upper  
152 100  
150 151.2 120.6 181.0  
115 66.4 51.0 76.6



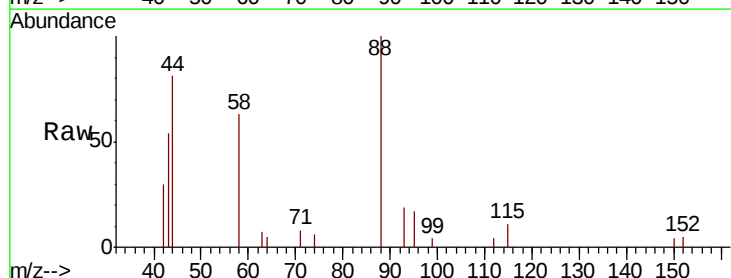
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



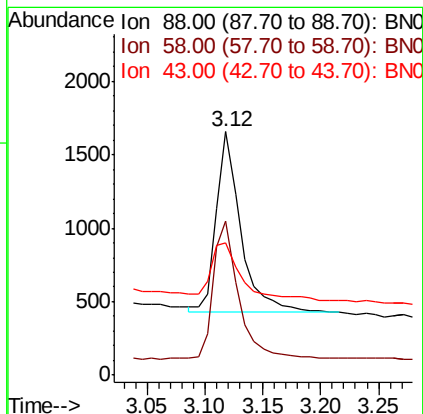
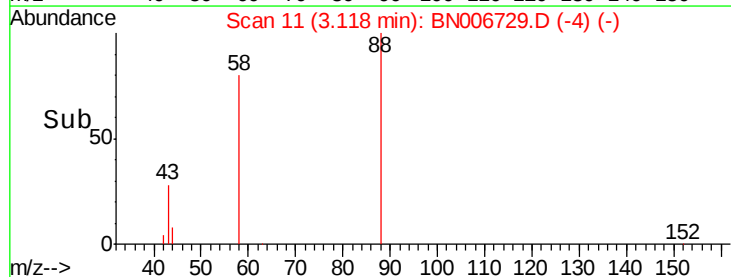
#2

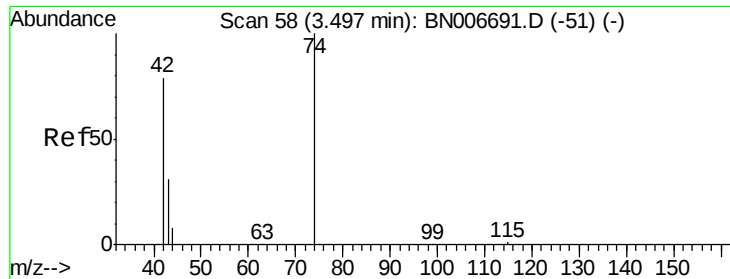
1,4-Dioxane  
Concen: 0.427 ng  
RT: 3.12 min Scan# 11  
Delta R.T. -0.04 min  
Lab File: BN006729.D  
Acq: 05 Jul 2019 22:54

Tgt Ion: 88 Resp: 1823  
Ion Ratio Lower Upper  
88 100  
58 78.9 61.1 91.7  
43 39.8 32.4 48.6



Abundance Ion 88.00 (87.70 to 88.70): BNC  
Ion 58.00 (57.70 to 58.70): BNC  
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.362 ng

RT: 3.47 min Scan# 55

Delta R.T. -0.02 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

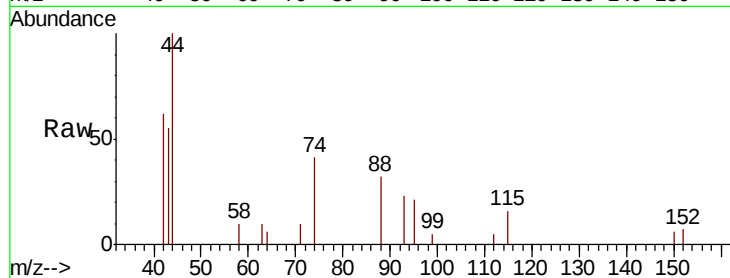
Tgt Ion: 42 Resp: 1166

Ion Ratio Lower Upper

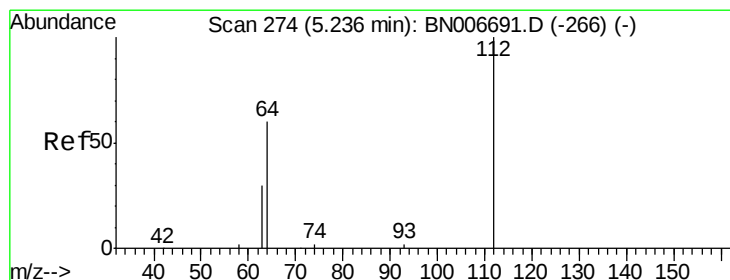
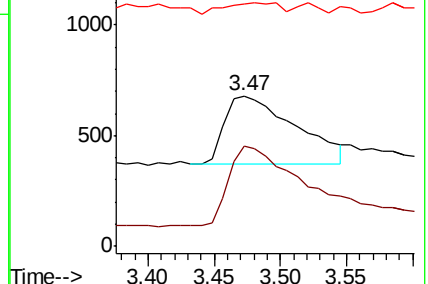
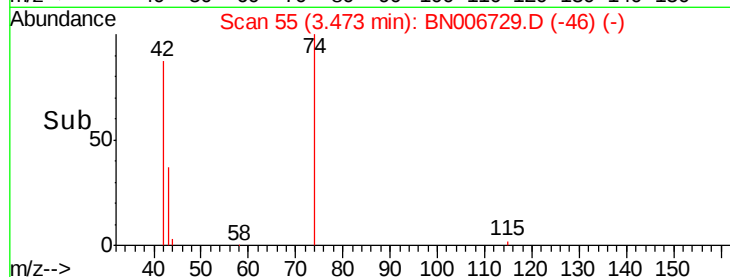
42 100

74 125.0 106.6 160.0

44 12.3 8.0 12.0#



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: 0.361 ng

RT: 5.22 min Scan# 272

Delta R.T. -0.02 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

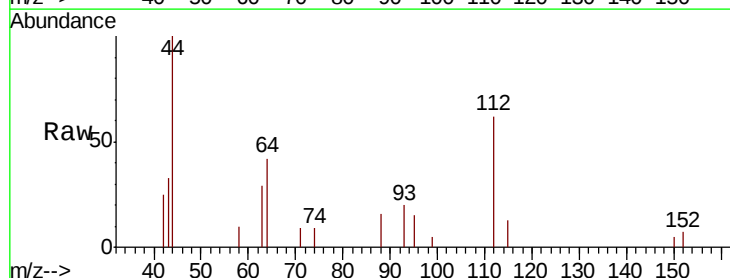
Tgt Ion: 112 Resp: 2676

Ion Ratio Lower Upper

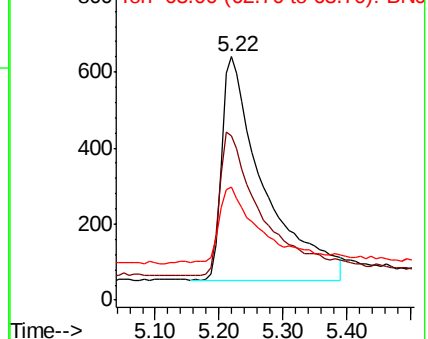
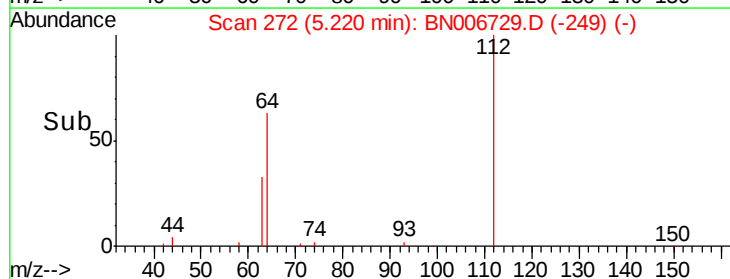
112 100

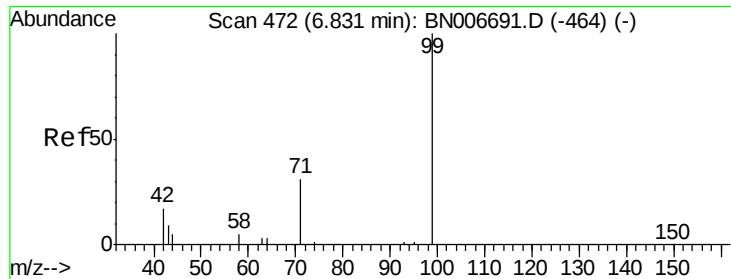
64 64.9 49.8 74.6

63 33.4 25.8 38.6



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: 0.371 ng

RT: 6.81 min Scan# 469

Delta R.T. -0.02 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

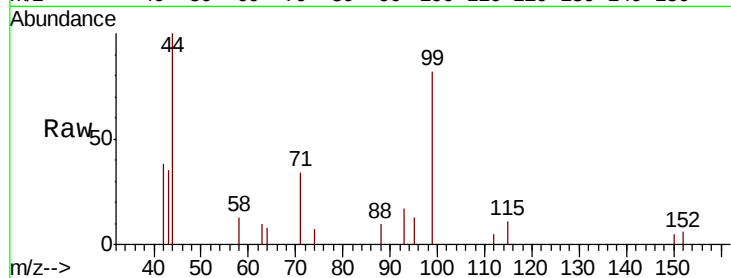
Tgt Ion: 99 Resp: 3478

Ion Ratio Lower Upper

99 100

42 23.2 16.6 25.0

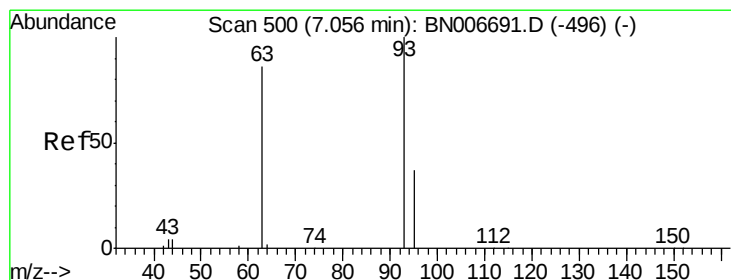
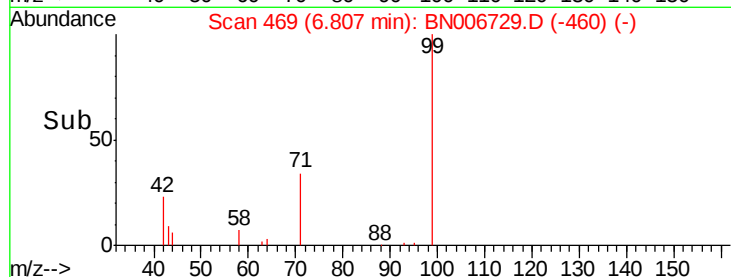
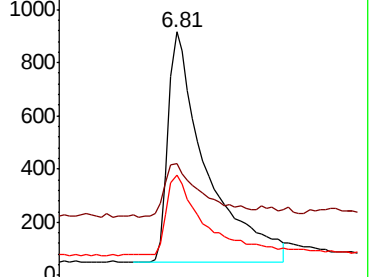
71 34.6 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006691.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006691.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006691.D (-464) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.427 ng

RT: 7.03 min Scan# 497

Delta R.T. -0.02 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

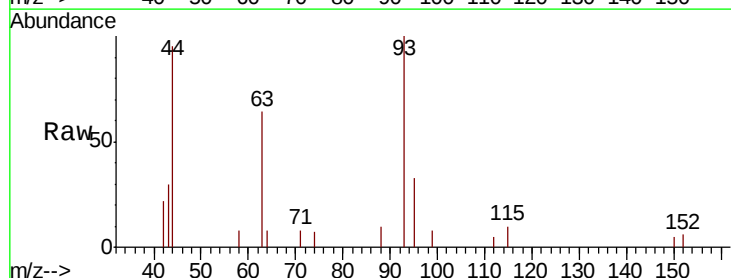
Tgt Ion: 93 Resp: 3386

Ion Ratio Lower Upper

93 100

63 61.6 58.6 87.8

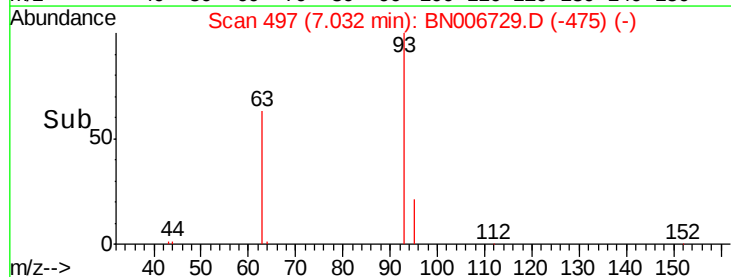
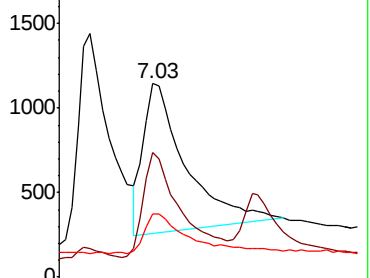
95 27.6 28.3 42.5#

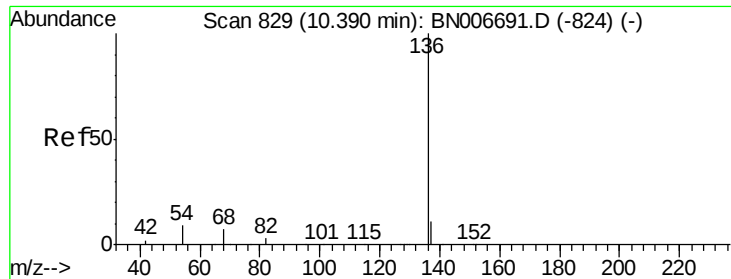


Abundance Ion 93.00 (92.70 to 93.70): BN006691.D (-496) (-)

Ion 63.00 (62.70 to 63.70): BN006691.D (-496) (-)

Ion 95.00 (94.70 to 95.70): BN006691.D (-496) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. -0.03 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 11159

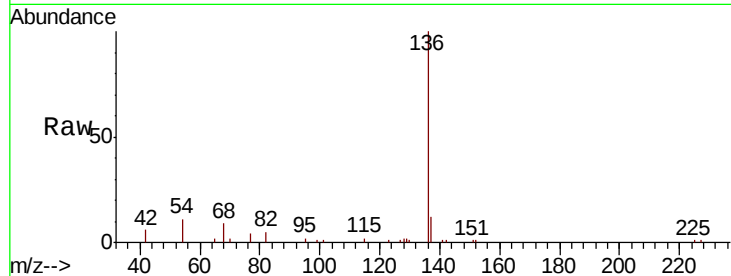
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 11.0 8.4 12.6

68 8.7 6.8 10.2

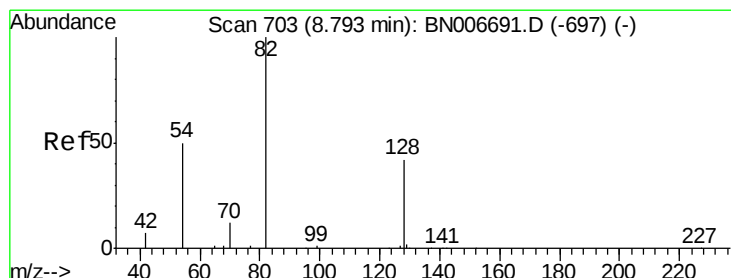
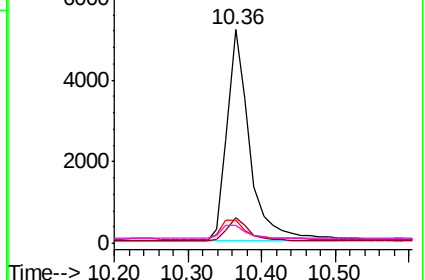
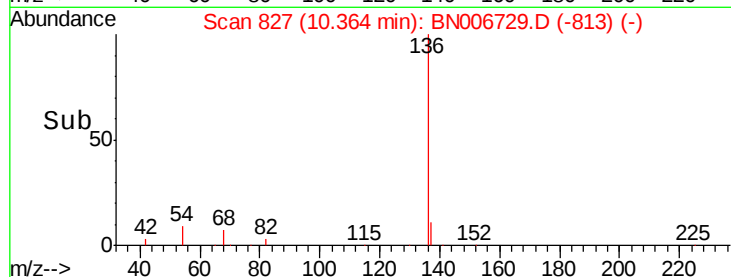


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.351 ng

RT: 8.77 min Scan# 701

Delta R.T. -0.03 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

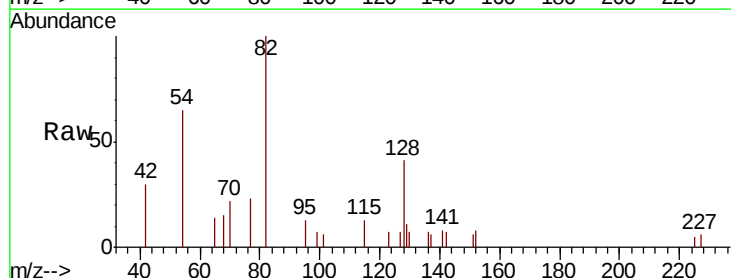
Tgt Ion: 82 Resp: 3001

Ion Ratio Lower Upper

82 100

128 40.9 36.1 54.1

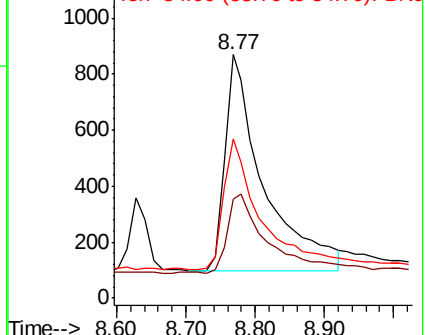
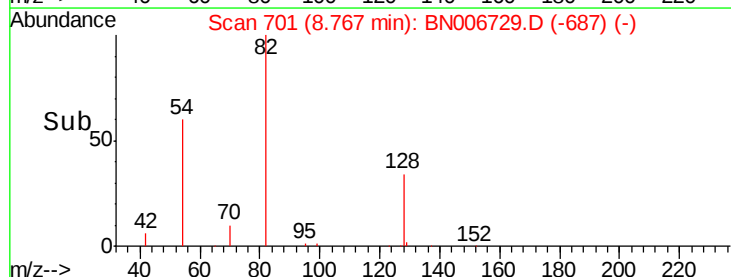
54 65.2 44.5 66.7

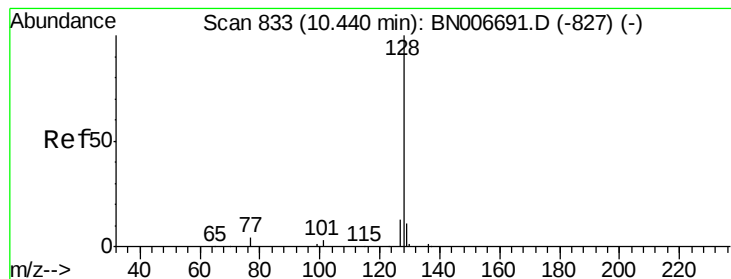


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.390 ng

RT: 10.42 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

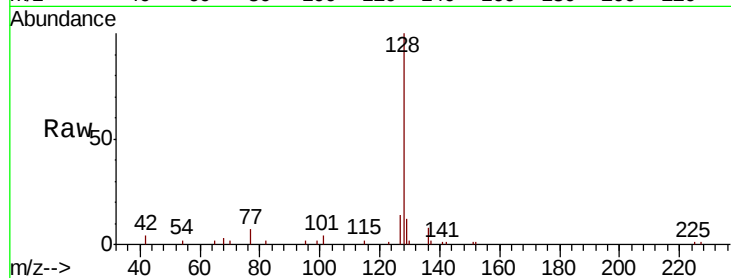
Tgt Ion:128 Resp: 11919

Ion Ratio Lower Upper

128 100

129 12.4 9.6 14.4

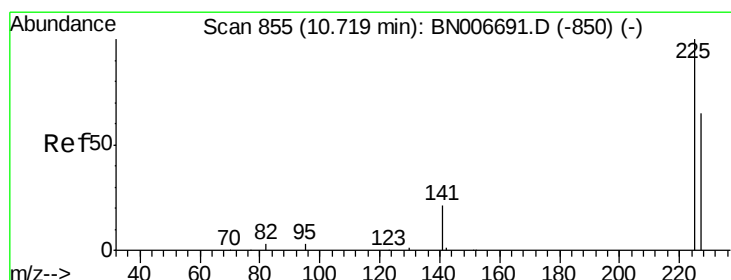
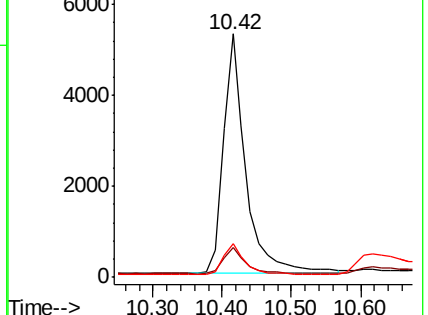
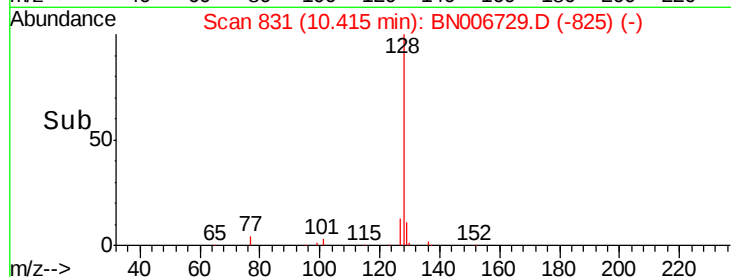
127 14.0 11.0 16.4



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: 0.404 ng

RT: 10.69 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

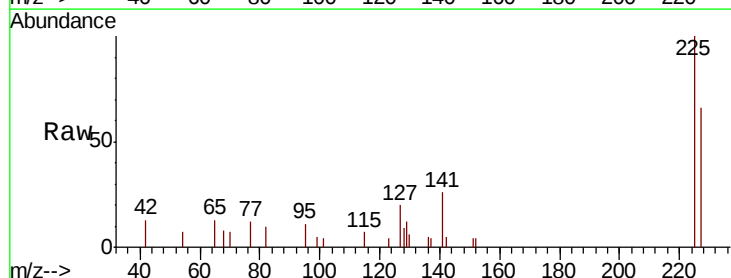
Tgt Ion:225 Resp: 2499

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

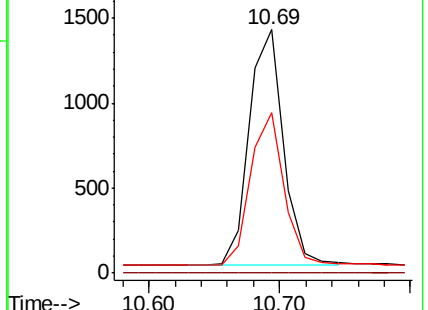
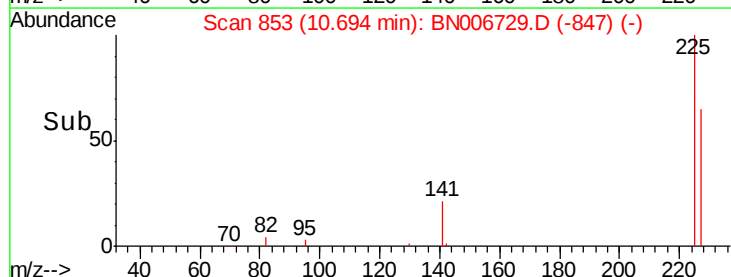
227 63.7 50.9 76.3

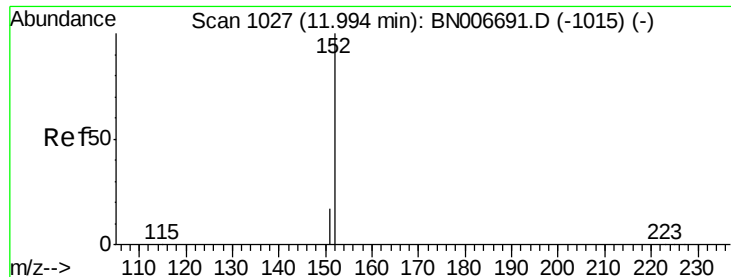


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

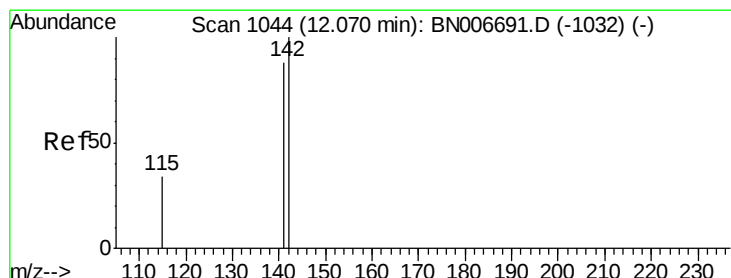
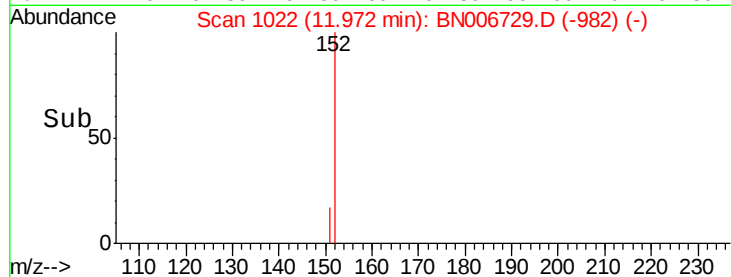
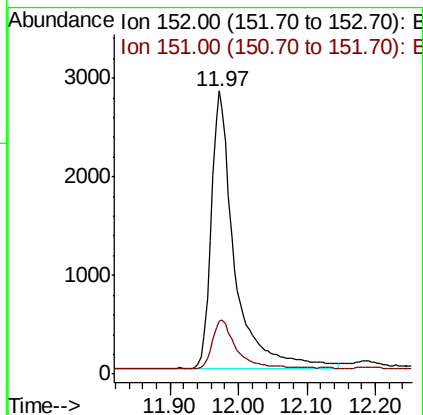
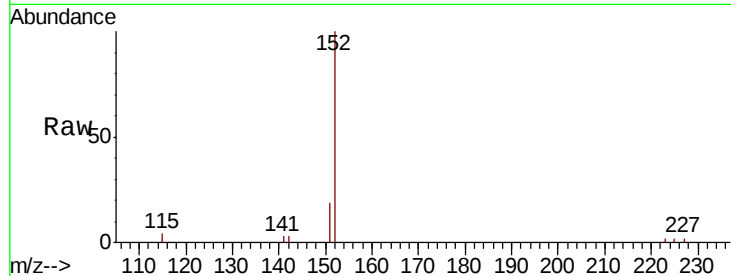




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.398 ng  
 RT: 11.97 min Scan# 1022  
 Delta R.T. -0.02 min  
 Lab File: BN006729.D  
 Acq: 05 Jul 2019 22:54

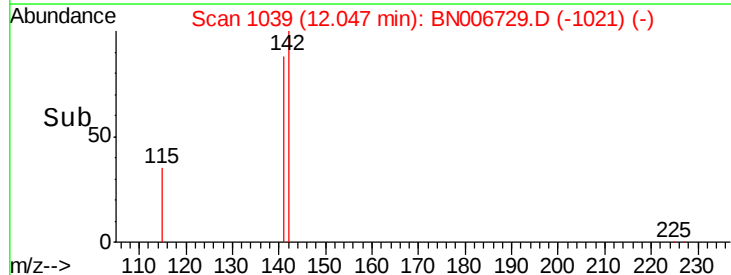
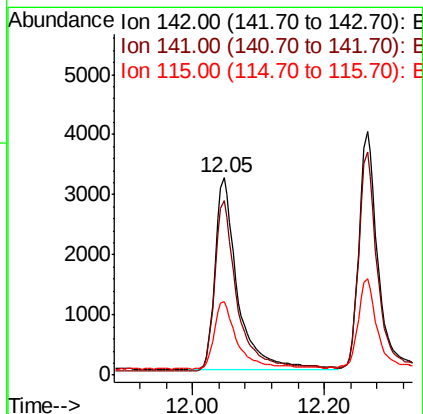
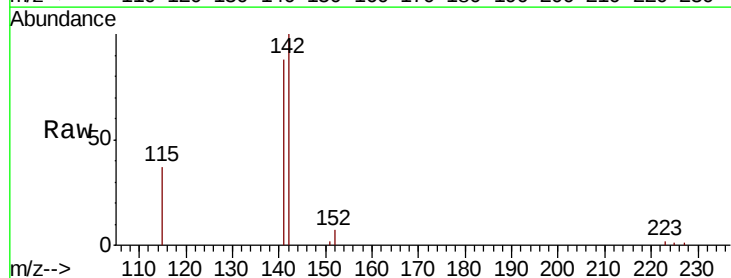
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

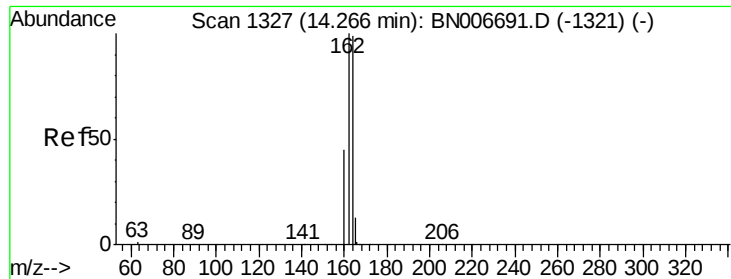
Tgt Ion:152 Resp: 6671  
 Ion Ratio Lower Upper  
 152 100  
 151 19.3 14.9 22.3



#12  
 2-Methylnaphthalene  
 Concen: 0.356 ng  
 RT: 12.05 min Scan# 1039  
 Delta R.T. -0.02 min  
 Lab File: BN006729.D  
 Acq: 05 Jul 2019 22:54

Tgt Ion:142 Resp: 7745  
 Ion Ratio Lower Upper  
 142 100  
 141 88.1 70.3 105.5  
 115 37.0 28.9 43.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

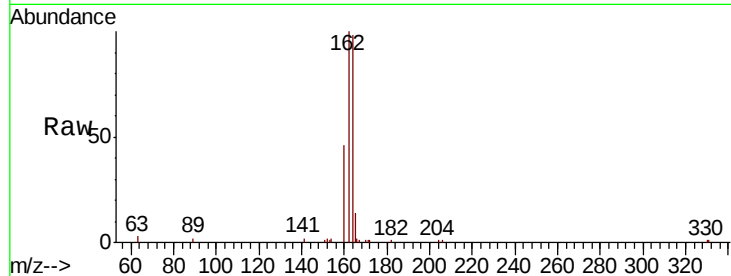
Tgt Ion:164 Resp: 6542

Ion Ratio Lower Upper

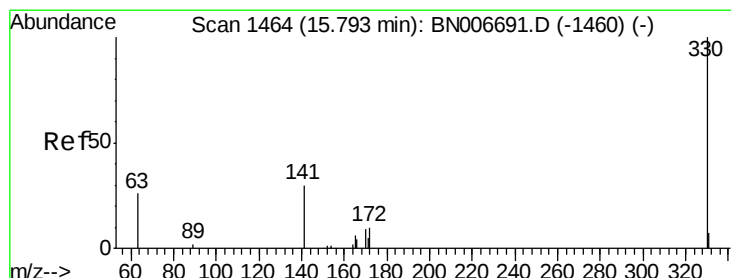
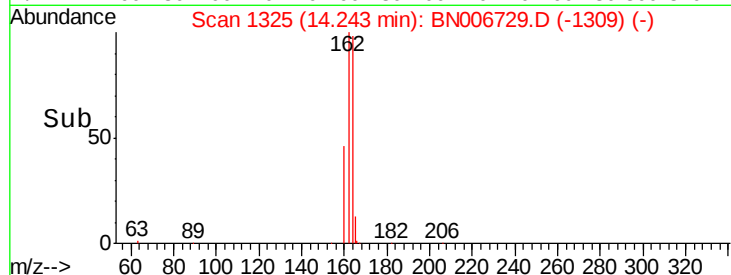
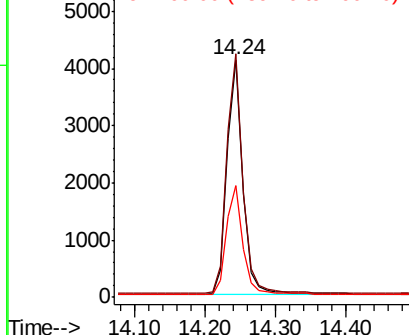
164 100

162 102.4 80.8 121.2

160 47.1 37.0 55.6



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: 0.382 ng

RT: 15.77 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

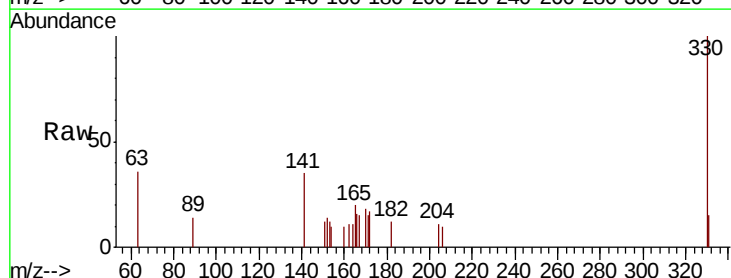
Tgt Ion:330 Resp: 1227

Ion Ratio Lower Upper

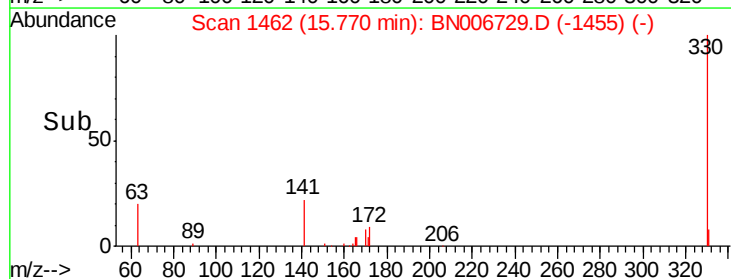
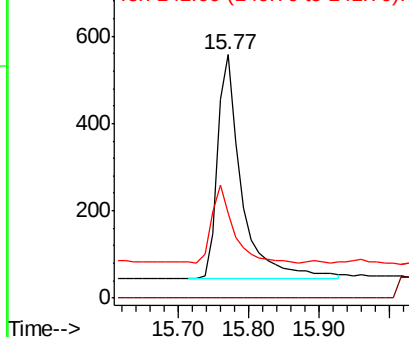
330 100

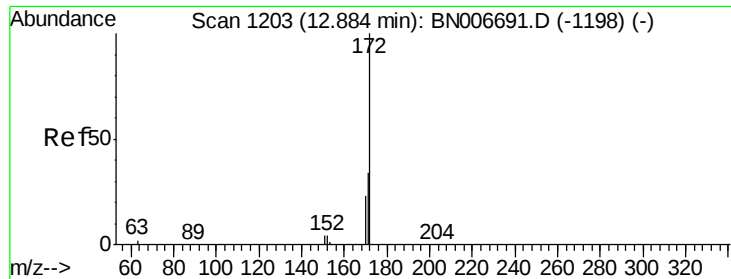
332 0.0 0.0 0.0

141 31.5 24.8 37.2



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

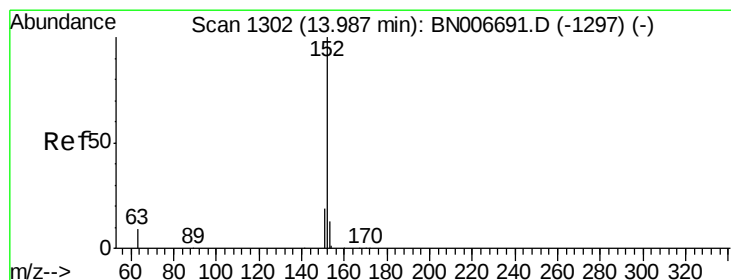
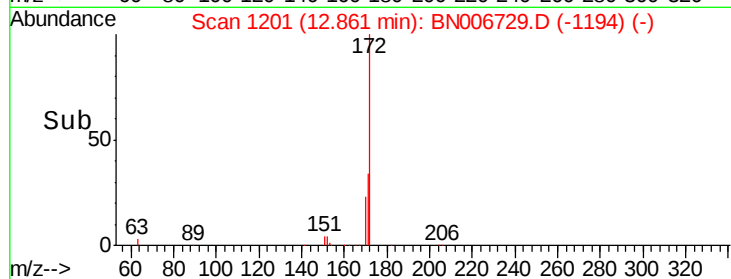
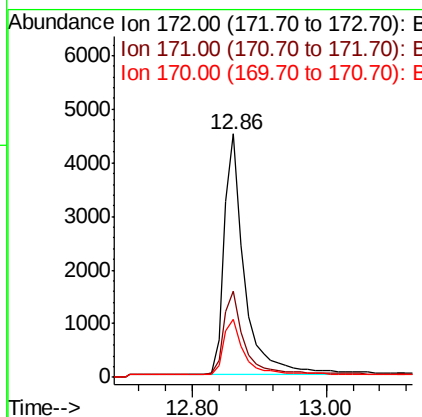
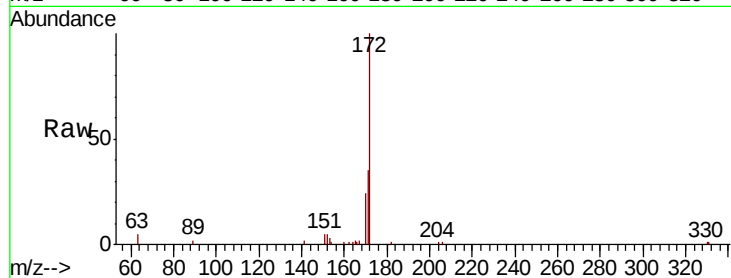




#15  
2-Fluorobiphenyl  
Concen: 0.370 ng  
RT: 12.86 min Scan# 1201  
Delta R.T. -0.02 min  
Lab File: BN006729.D  
Acq: 05 Jul 2019 22:54

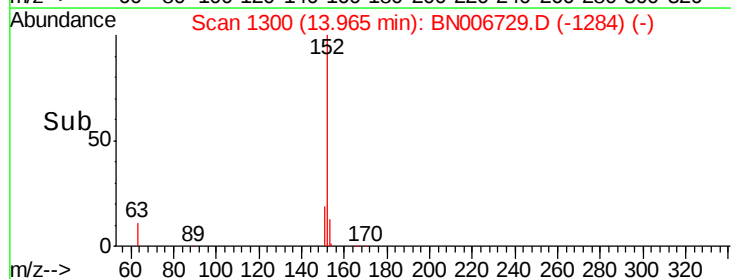
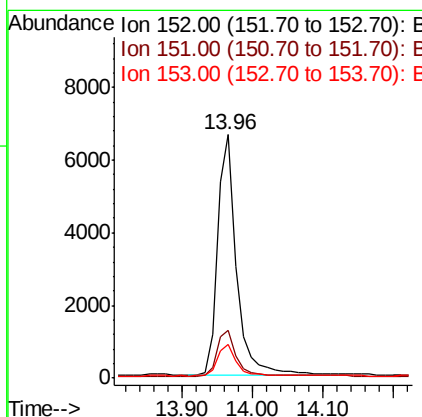
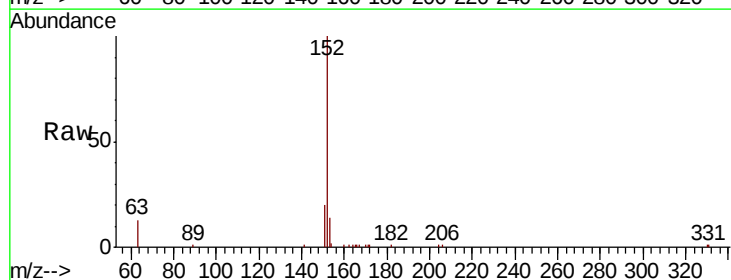
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

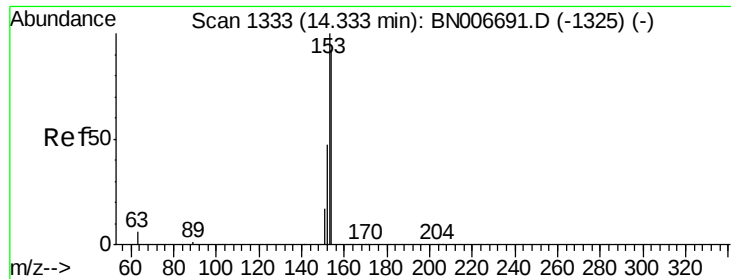
Tgt Ion:172 Resp: 9477  
Ion Ratio Lower Upper  
172 100  
171 35.3 27.8 41.6  
170 23.7 18.9 28.3



#16  
Acenaphthylene  
Concen: 0.382 ng  
RT: 13.96 min Scan# 1300  
Delta R.T. -0.02 min  
Lab File: BN006729.D  
Acq: 05 Jul 2019 22:54

Tgt Ion:152 Resp: 12447  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.7 23.5  
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.390 ng

RT: 14.30 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

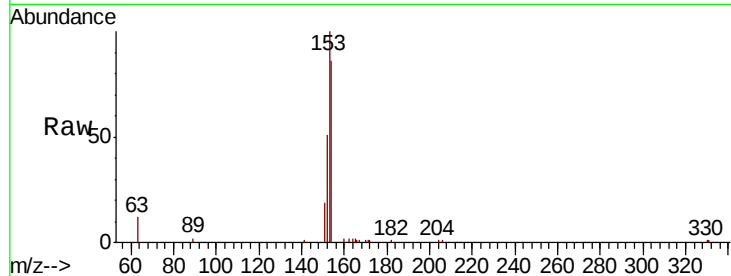
Tgt Ion:154 Resp: 8100

Ion Ratio Lower Upper

154 100

153 113.7 88.9 133.3

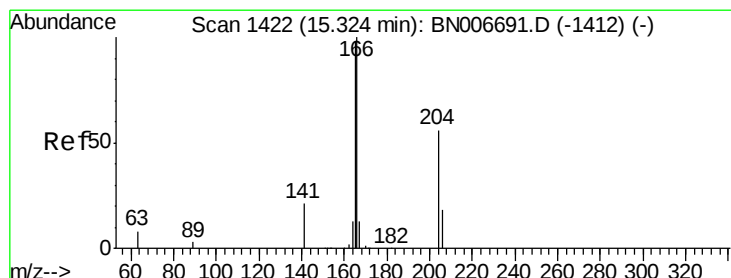
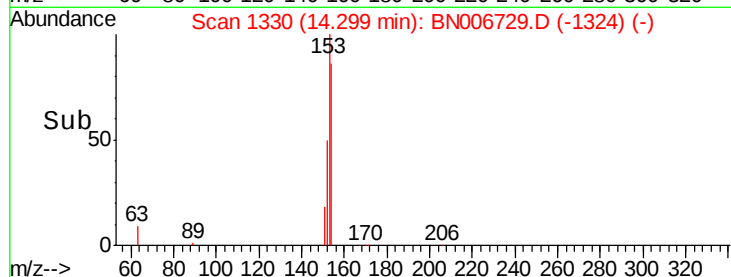
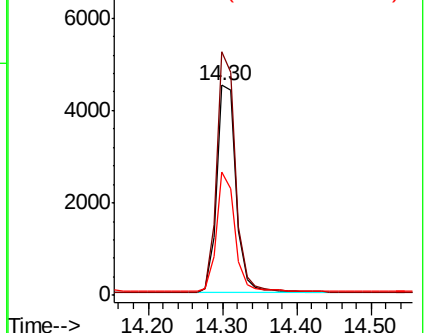
152 55.4 42.8 64.2



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: 0.391 ng

RT: 15.30 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

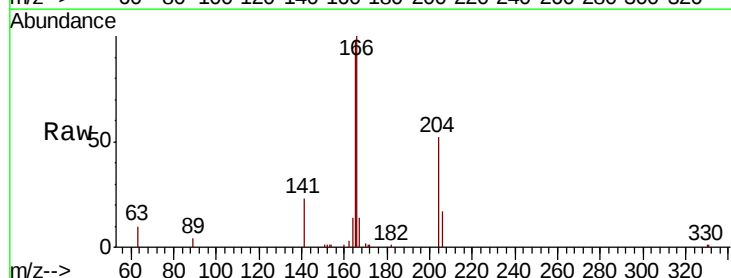
Tgt Ion:166 Resp: 10099

Ion Ratio Lower Upper

166 100

165 98.3 78.0 117.0

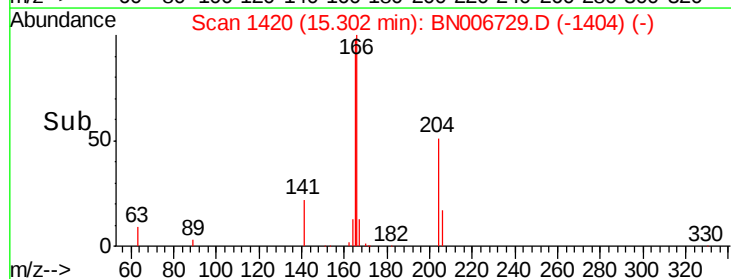
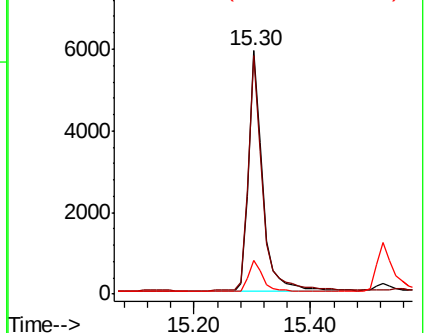
167 13.5 10.7 16.1

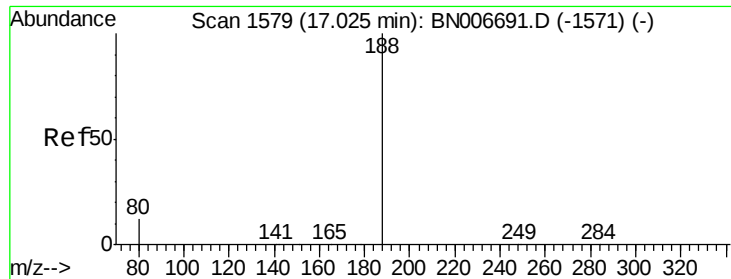


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.00 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

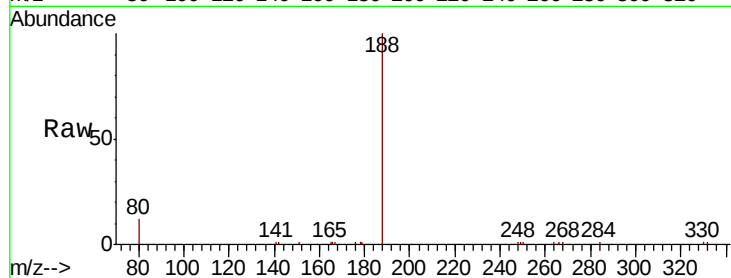
Tgt Ion:188 Resp: 15219

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

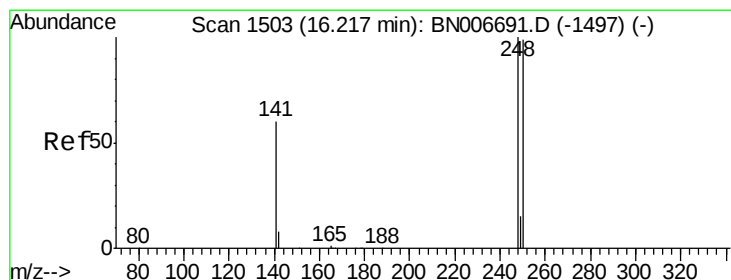
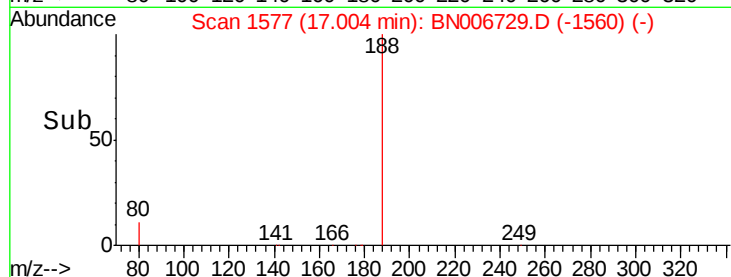
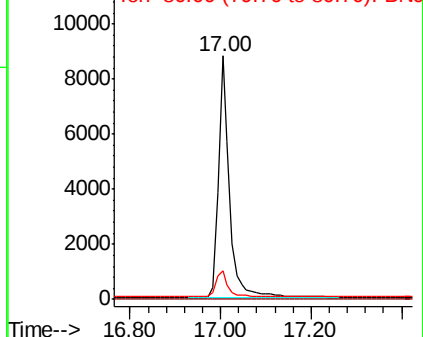
80 11.8 10.3 15.5



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: 0.362 ng

RT: 16.20 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

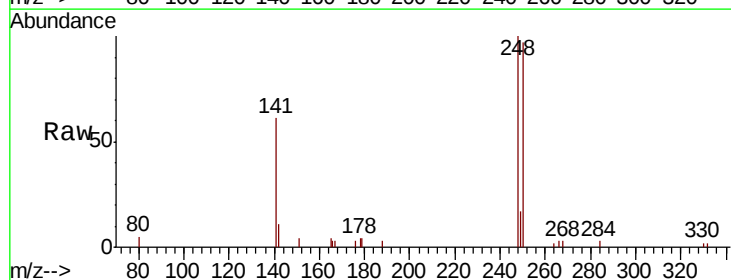
Tgt Ion:248 Resp: 3242

Ion Ratio Lower Upper

248 100

250 97.2 79.0 118.6

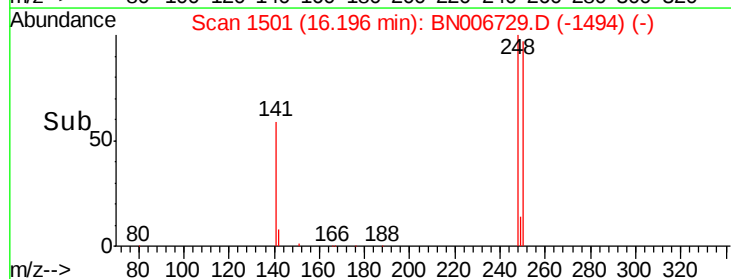
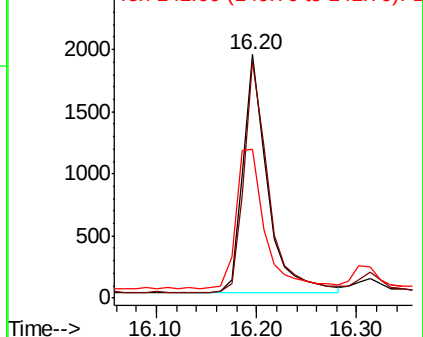
141 61.1 50.2 75.4

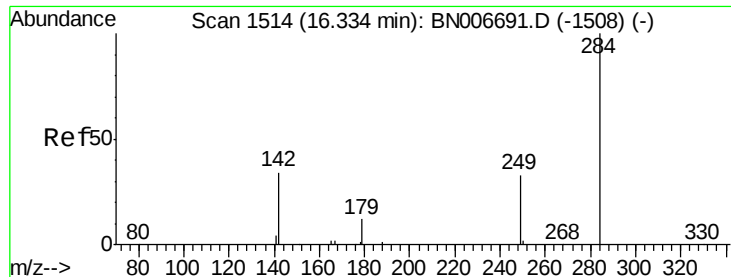


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

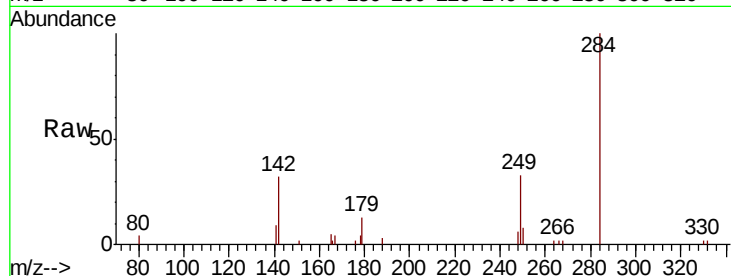




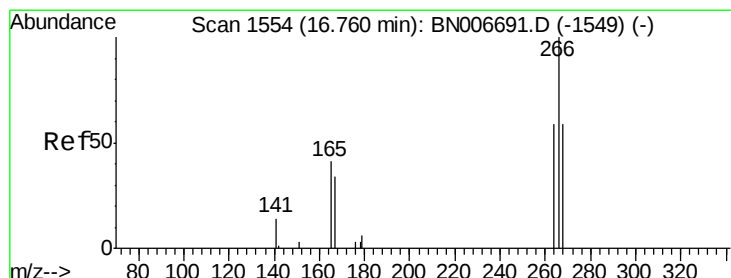
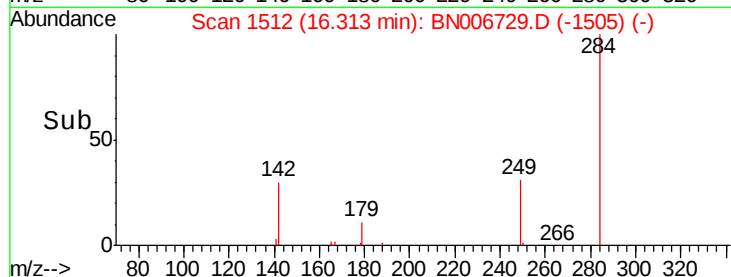
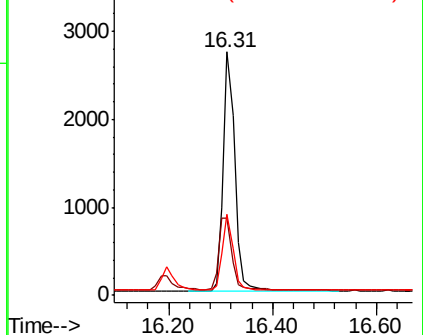
#21  
Hexachlorobenzene  
Concen: 0.395 ng  
RT: 16.31 min Scan# 1512  
Delta R.T. -0.02 min  
Lab File: BN006729.D  
Acq: 05 Jul 2019 22:54

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:284 Resp: 4214  
Ion Ratio Lower Upper  
284 100  
142 33.8 26.9 40.3  
249 29.8 24.4 36.6

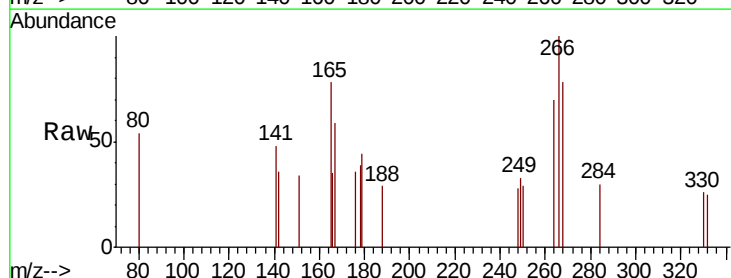


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

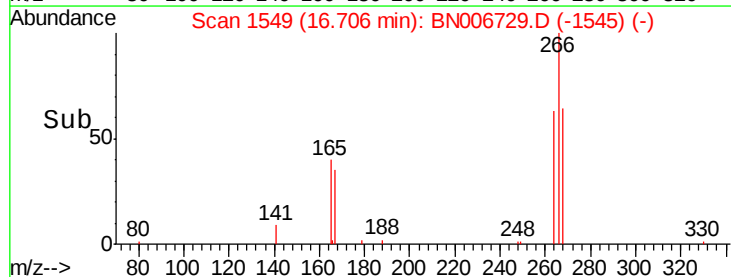
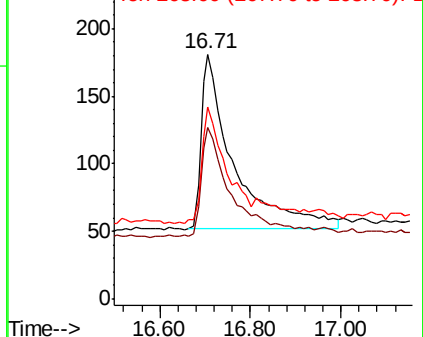


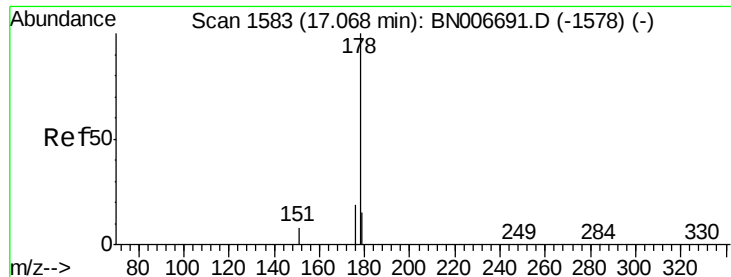
#22  
Pentachlorophenol  
Concen: 0.542 ng  
RT: 16.71 min Scan# 1549  
Delta R.T. -0.05 min  
Lab File: BN006729.D  
Acq: 05 Jul 2019 22:54

Tgt Ion:266 Resp: 639  
Ion Ratio Lower Upper  
266 100  
264 70.2 57.6 86.4  
268 78.5 66.6 99.8



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: 0.372 ng

RT: 17.05 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

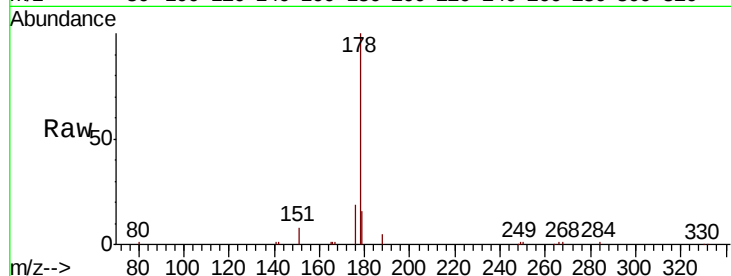
Tgt Ion:178 Resp: 16323

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

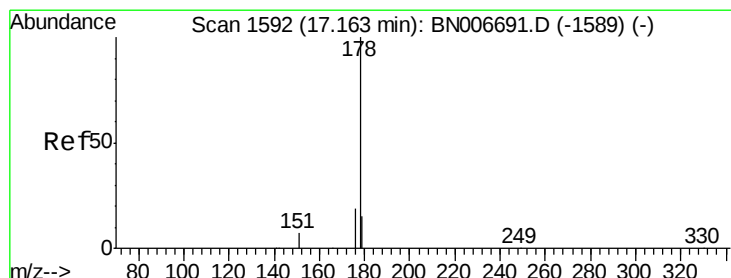
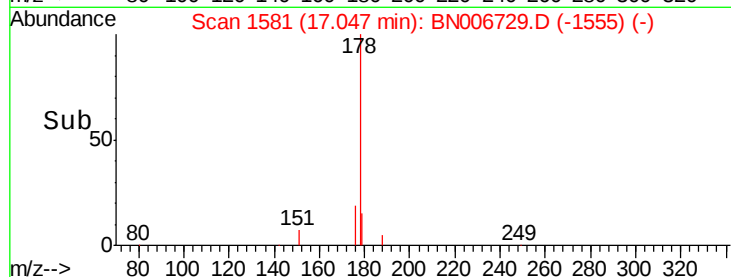
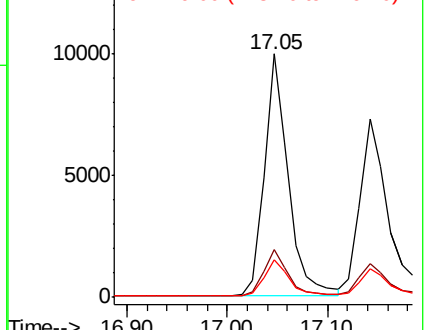
179 15.3 12.4 18.6



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: 0.355 ng

RT: 17.14 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

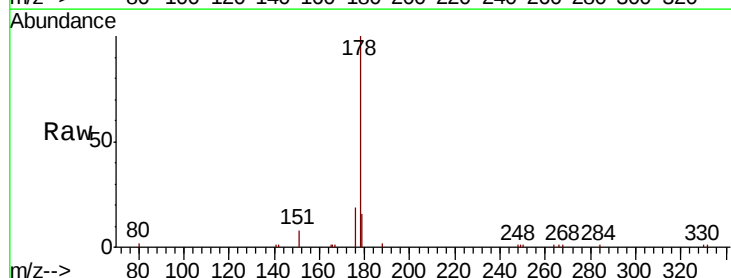
Tgt Ion:178 Resp: 14071

Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

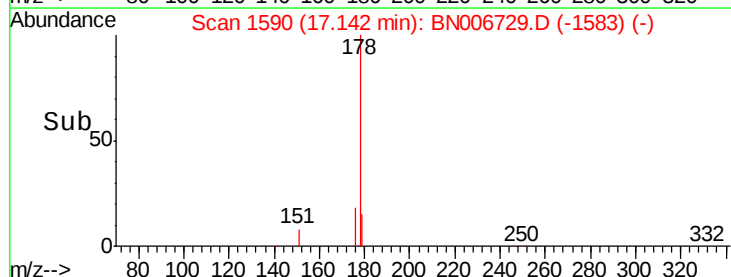
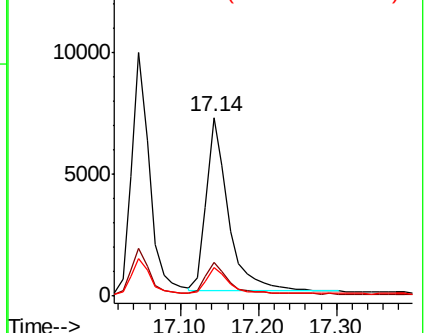
179 15.0 11.9 17.9

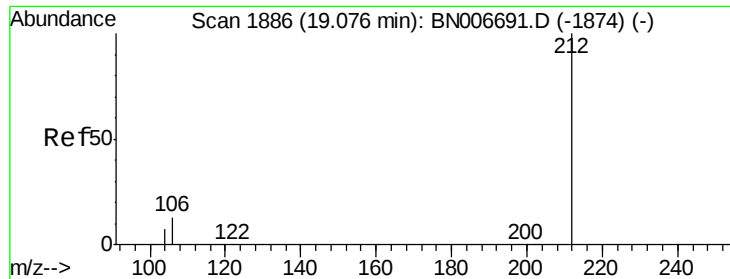


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.406 ng

RT: 19.05 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

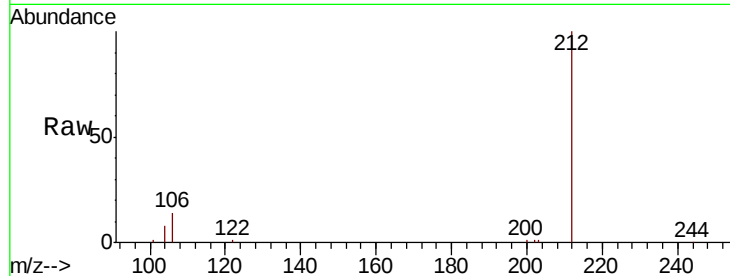
Tgt Ion:212 Resp: 17677

Ion Ratio Lower Upper

212 100

106 13.1 11.0 16.6

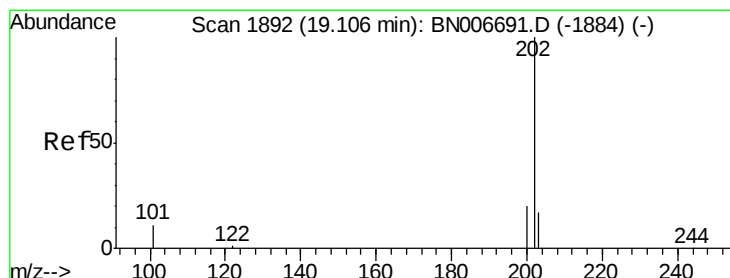
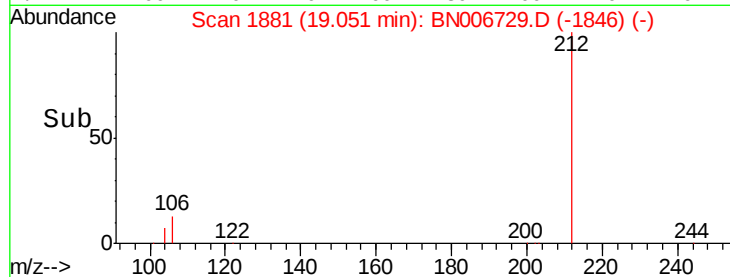
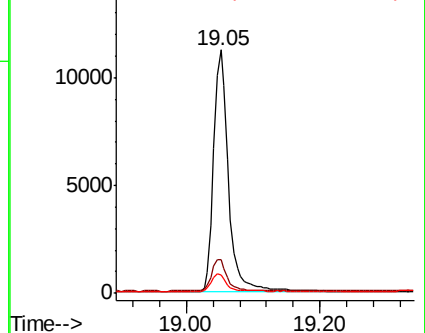
104 7.2 6.1 9.1



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: 0.395 ng

RT: 19.08 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

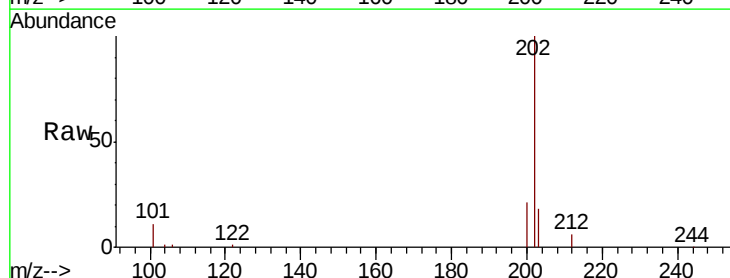
Tgt Ion:202 Resp: 20358

Ion Ratio Lower Upper

202 100

101 10.9 8.7 13.1

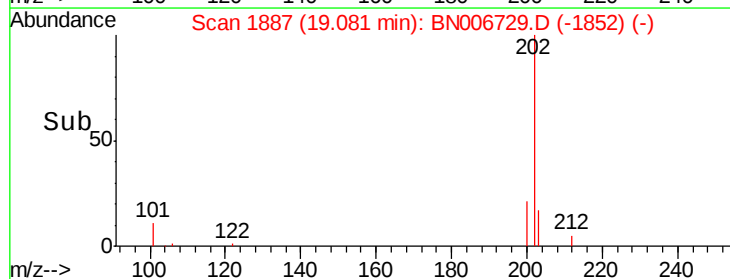
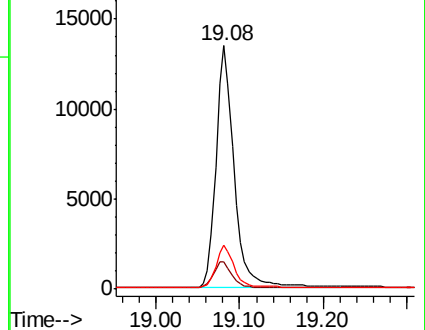
203 17.4 13.8 20.6

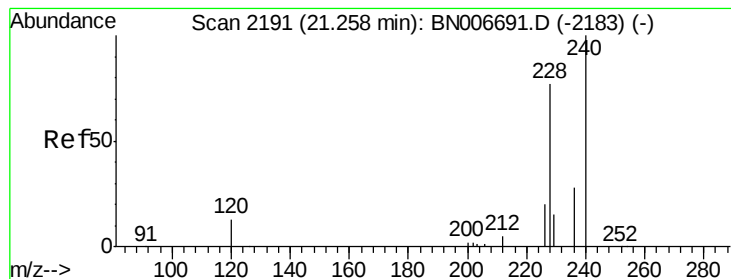


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.23 min Scan# 2188

Delta R.T. -0.03 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

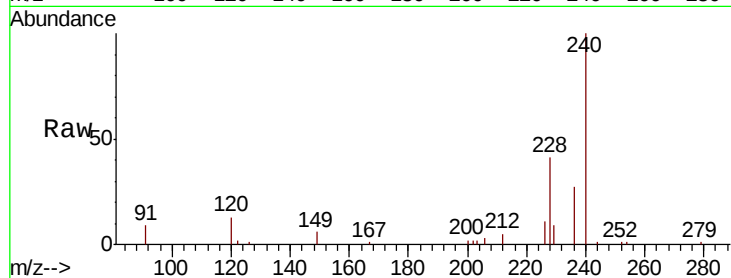
Tgt Ion:240 Resp: 15237

Ion Ratio Lower Upper

240 100

120 12.5 12.9 19.3#

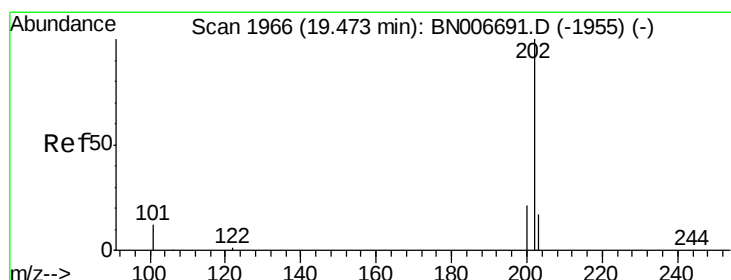
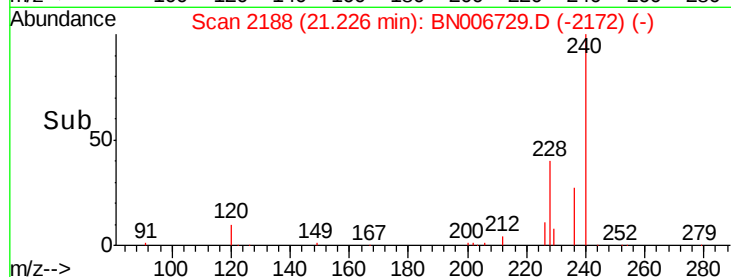
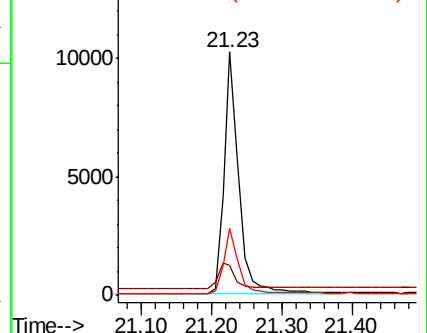
236 27.3 23.2 34.8



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: 0.348 ng

RT: 19.45 min Scan# 1961

Delta R.T. -0.02 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

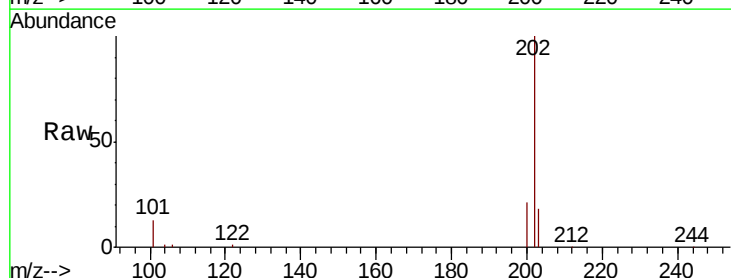
Tgt Ion:202 Resp: 21221

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

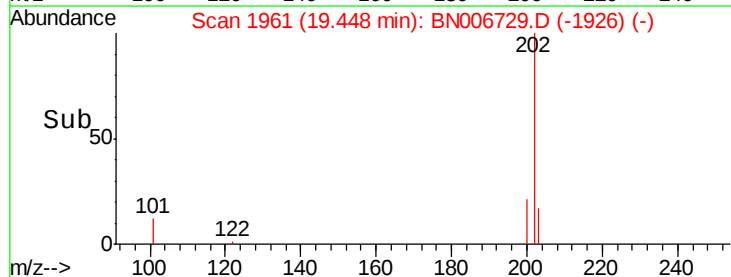
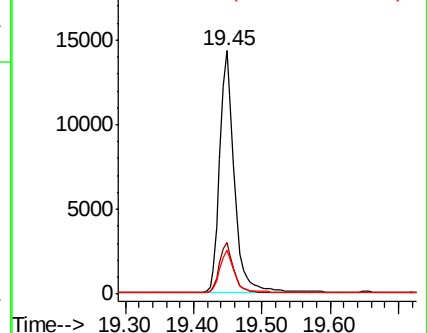
203 17.6 14.2 21.2

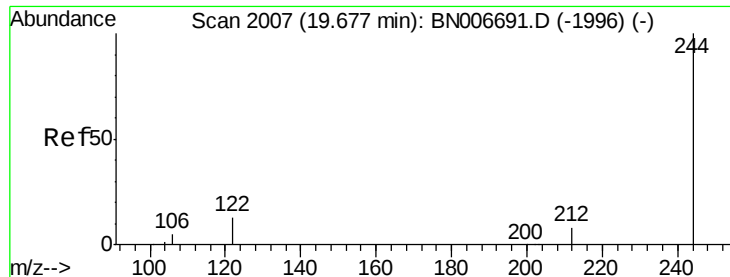


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.374 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

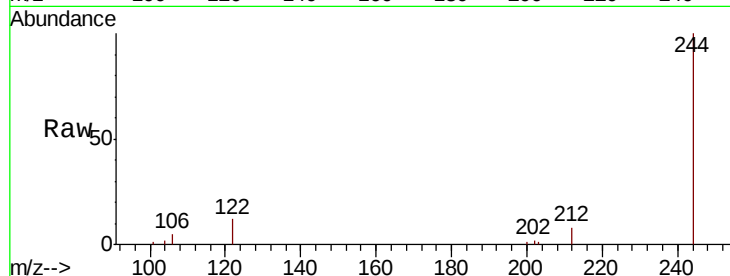
Tgt Ion:244 Resp: 13117

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

122 11.9 11.5 17.3

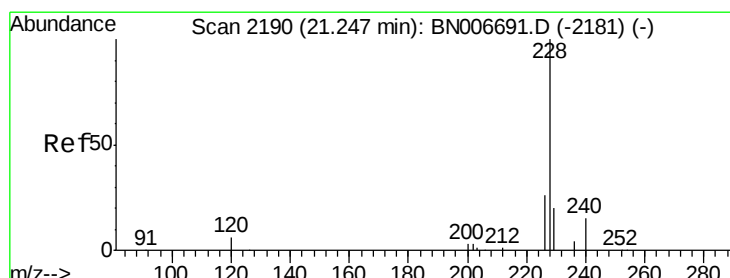
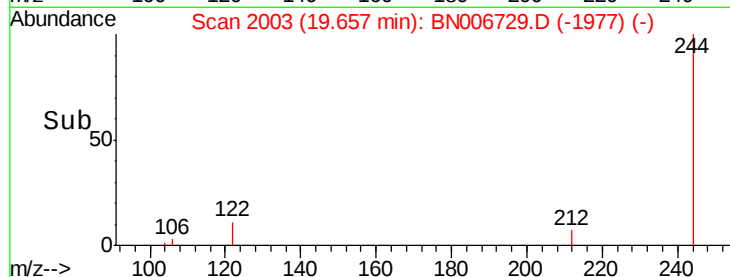
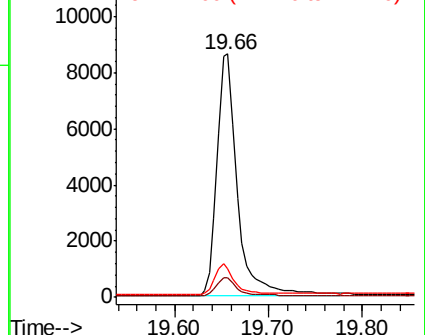


Abundance

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: 0.362 ng

RT: 21.22 min Scan# 2187

Delta R.T. -0.03 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

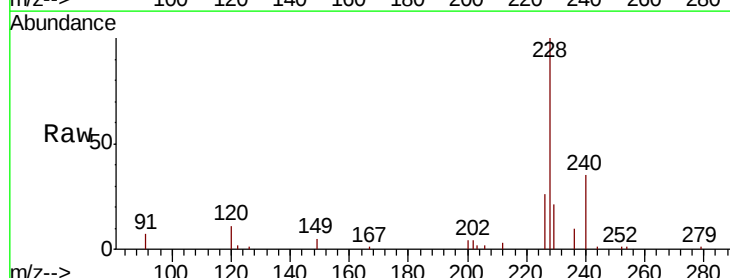
Tgt Ion:228 Resp: 19006

Ion Ratio Lower Upper

228 100

226 26.5 21.5 32.3

229 21.1 16.2 24.4

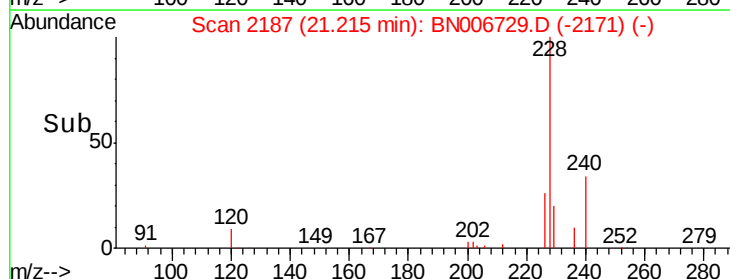
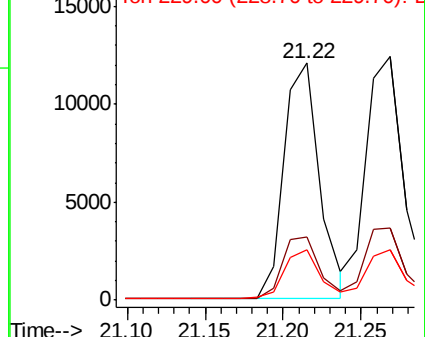


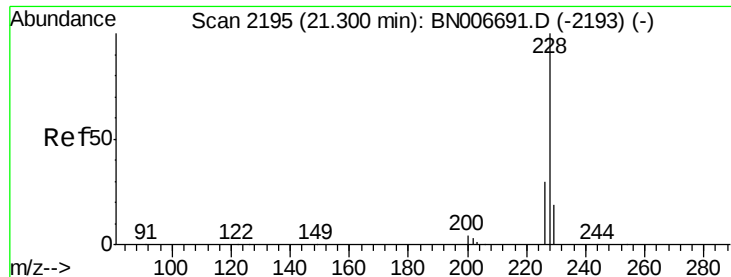
Abundance

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: 0.388 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.03 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

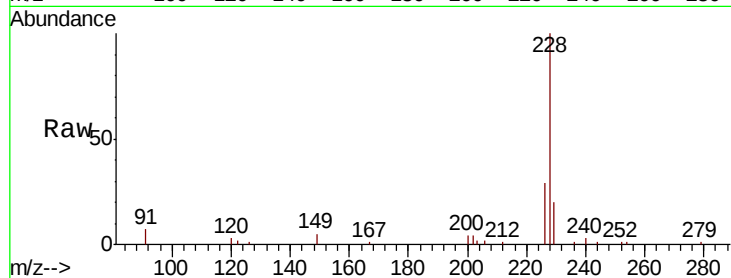
Tgt Ion:228 Resp: 21006

Ion Ratio Lower Upper

228 100

226 29.5 24.2 36.2

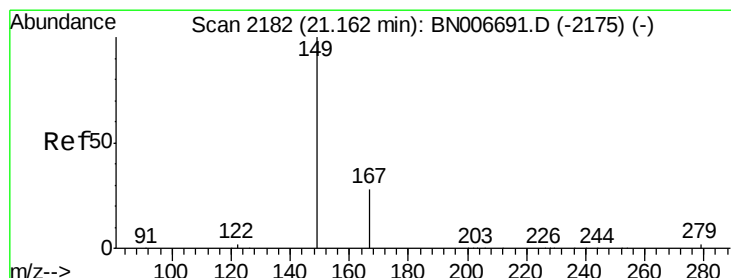
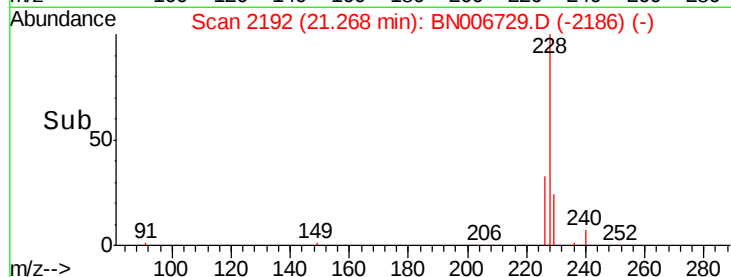
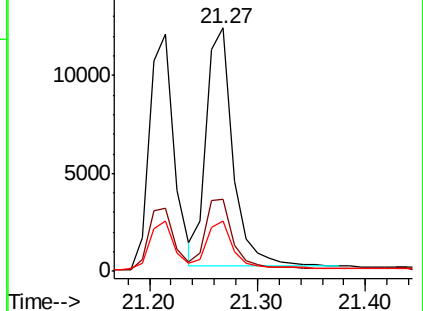
229 20.5 15.8 23.6



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: 0.067 ng

RT: 21.13 min Scan# 2179

Delta R.T. -0.03 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

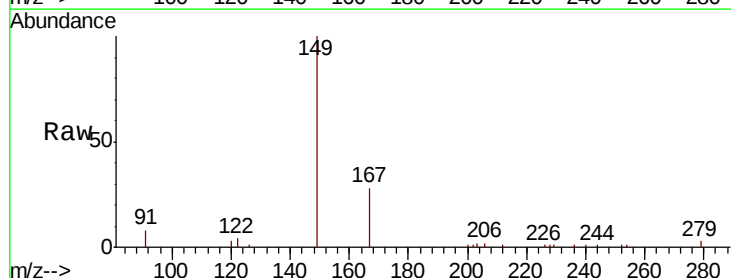
Tgt Ion:149 Resp: 10473

Ion Ratio Lower Upper

149 100

167 28.6 22.9 34.3

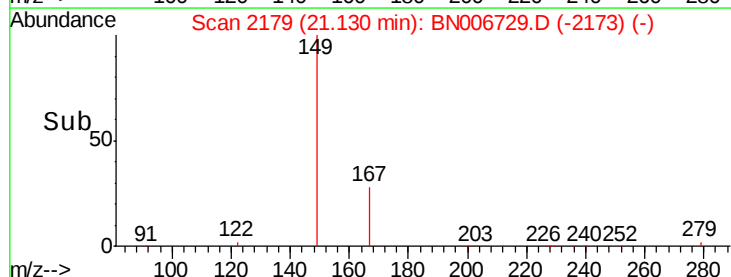
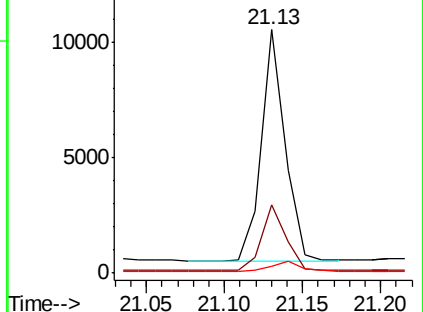
279 4.7 3.2 4.8

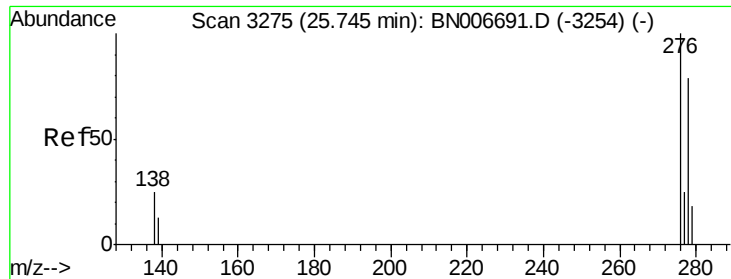


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.420 ng

RT: 25.67 min Scan# 3253

Delta R.T. -0.08 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

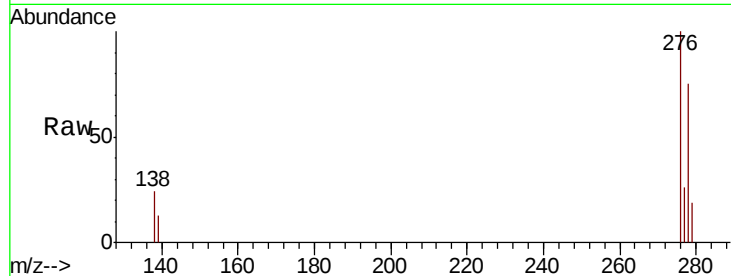
Tgt Ion:276 Resp: 27230

Ion Ratio Lower Upper

276 100

138 22.3 19.5 29.3

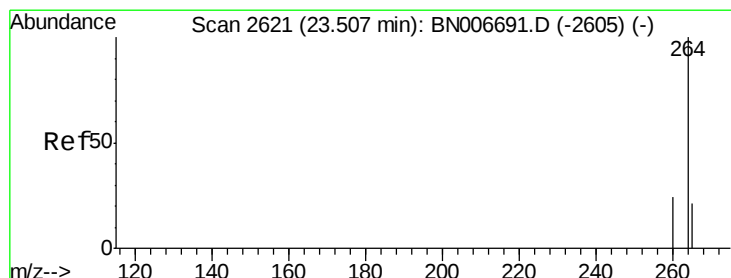
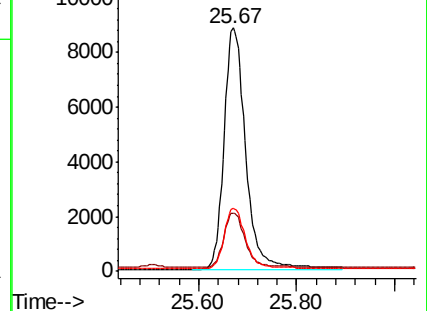
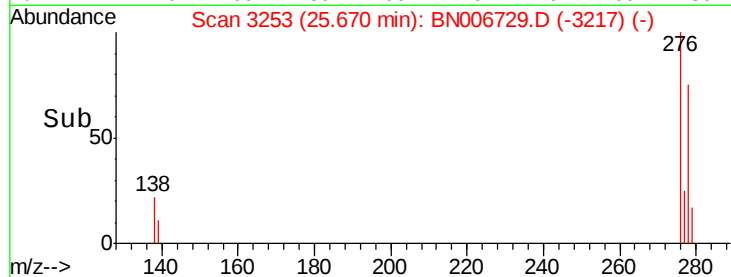
277 24.5 19.7 29.5



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: 23.45 min Scan# 2604

Delta R.T. -0.06 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

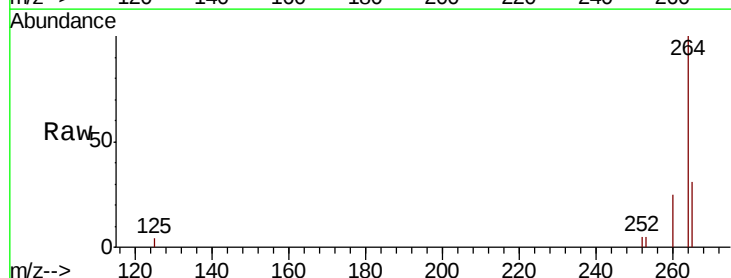
Tgt Ion:264 Resp: 18123

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.2

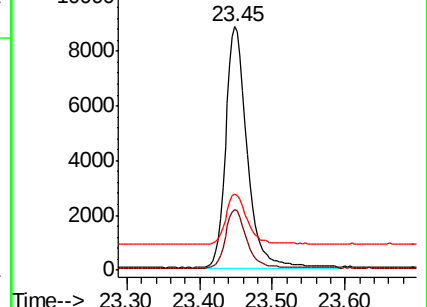
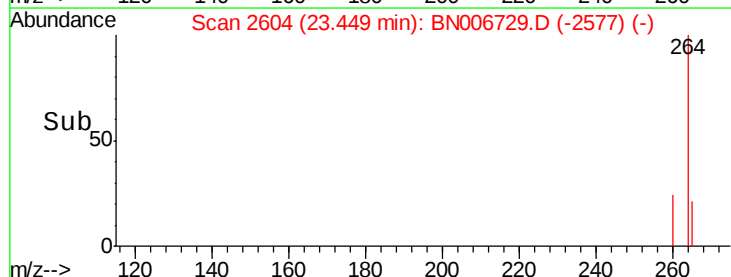
265 31.4 33.7 50.5#

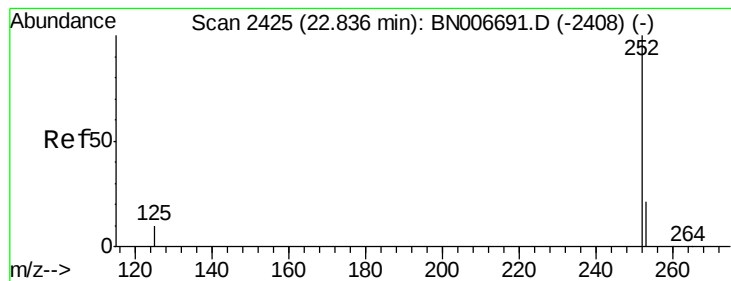


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.375 ng

RT: 22.78 min Scan# 2410

Delta R.T. -0.05 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

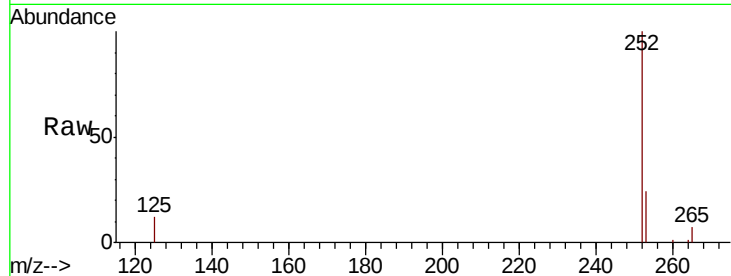
Tgt Ion:252 Resp: 21819

Ion Ratio Lower Upper

252 100

253 24.3 20.2 30.2

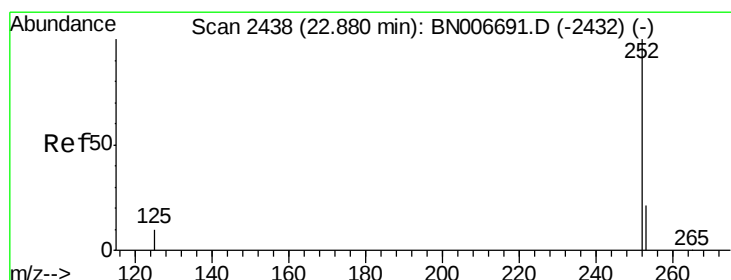
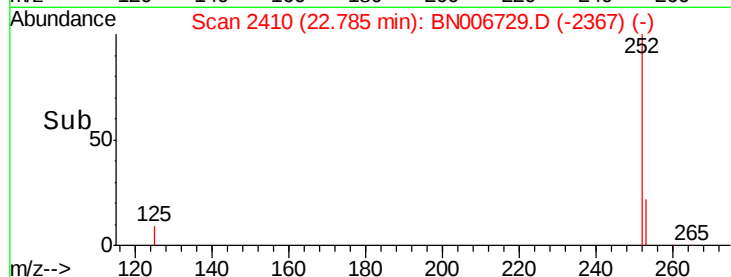
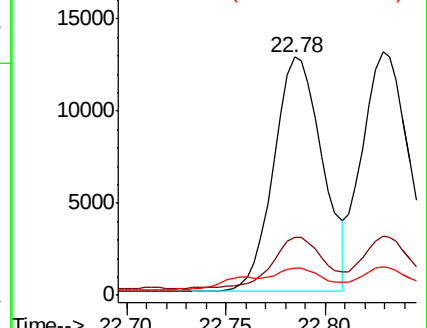
125 11.6 11.5 17.3



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: 0.370 ng

RT: 22.83 min Scan# 2423

Delta R.T. -0.05 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

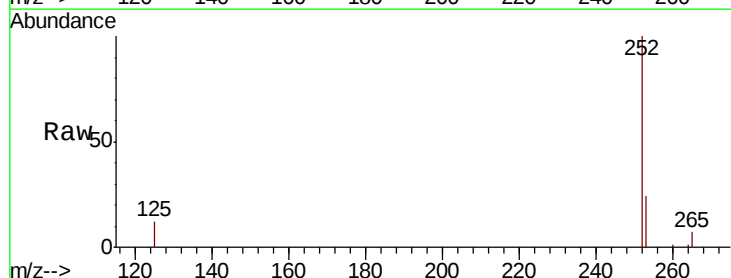
Tgt Ion:252 Resp: 23357

Ion Ratio Lower Upper

252 100

253 24.2 20.1 30.1

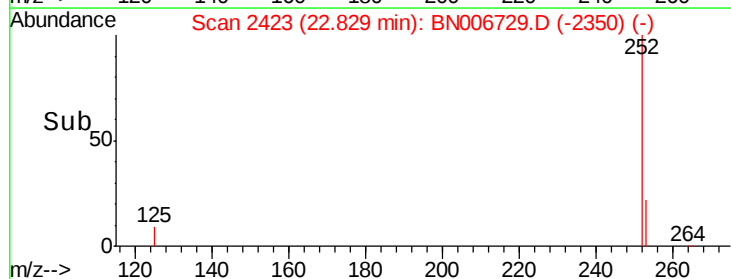
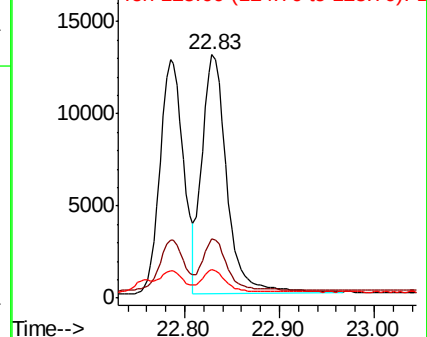
125 11.5 11.4 17.0

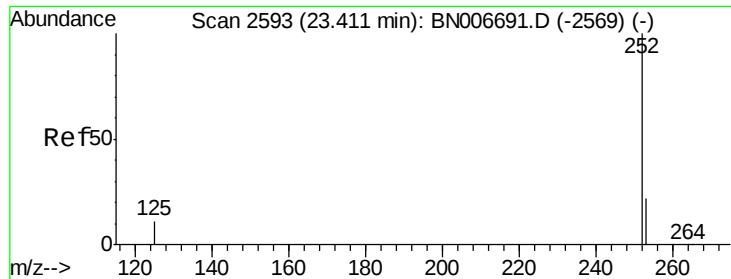


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.383 ng

RT: 23.36 min Scan# 2577

Delta R.T. -0.05 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

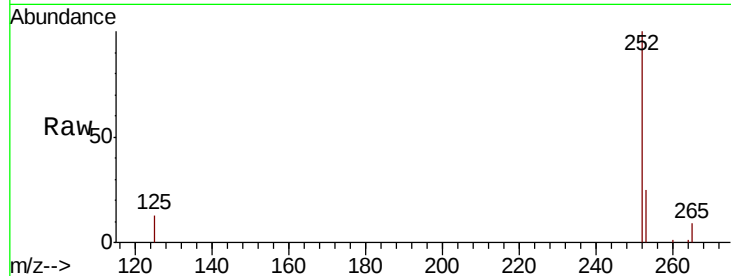
Tgt Ion:252 Resp: 21604

Ion Ratio Lower Upper

252 100

253 25.4 21.4 32.2

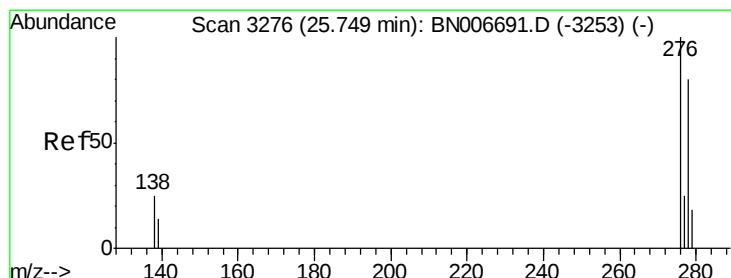
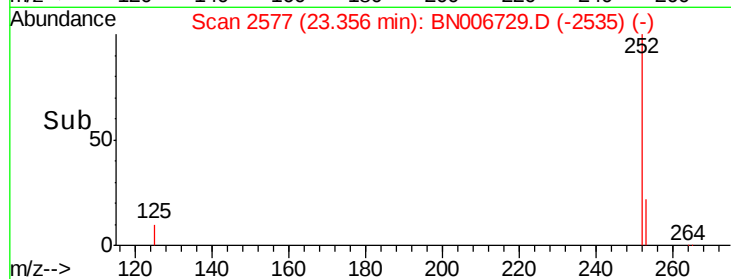
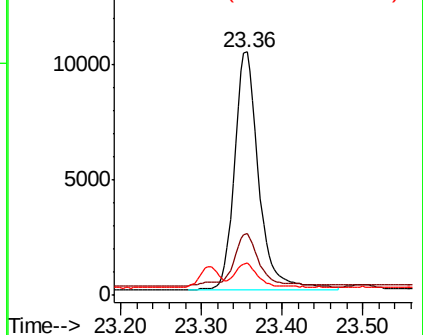
125 13.1 13.3 19.9#



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: 0.390 ng

RT: 25.68 min Scan# 3255

Delta R.T. -0.07 min

Lab File: BN006729.D

Acq: 05 Jul 2019 22:54

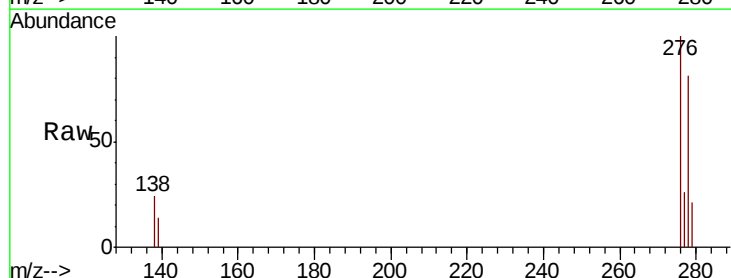
Tgt Ion:278 Resp: 21827

Ion Ratio Lower Upper

278 100

139 17.4 16.2 24.4

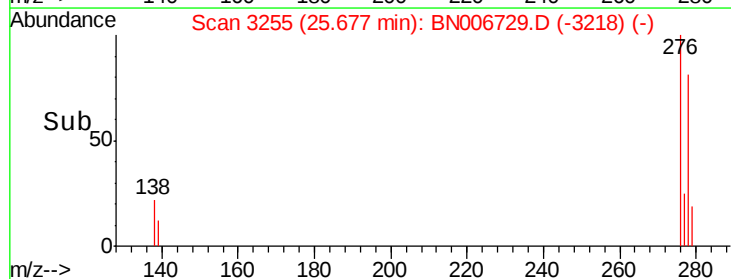
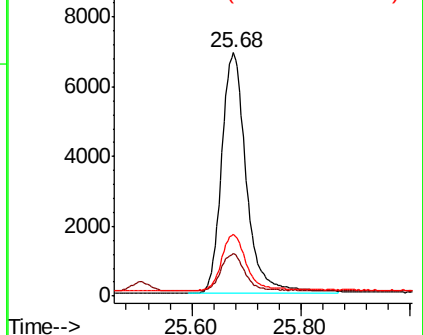
279 25.4 20.7 31.1

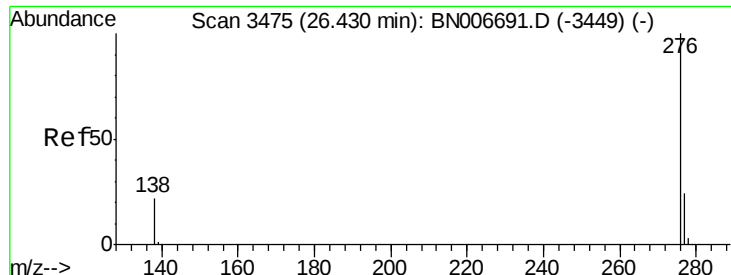


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.388 ng

RT: 26.35 min Scan# 3452

Delta R.T. -0.08 min

Lab File: BN006729.D

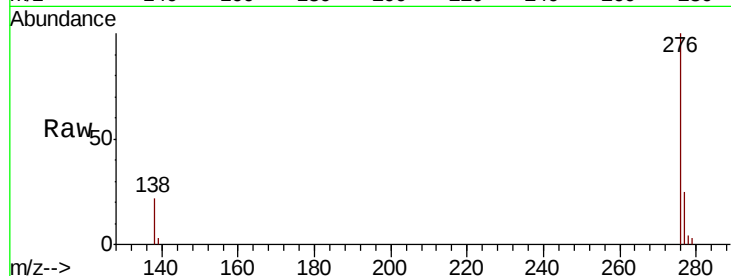
Acq: 05 Jul 2019 22:54

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



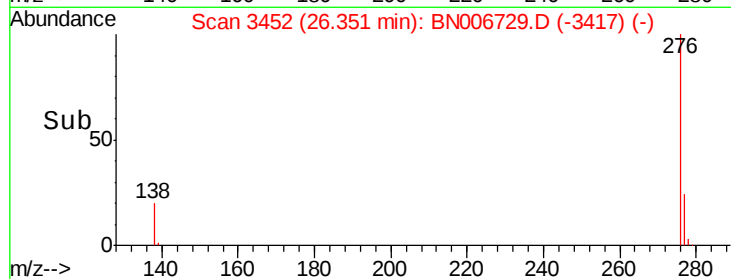
Tgt Ion: 276 Resp: 22357

Ion Ratio Lower Upper

276 100

277 24.8 20.6 30.8

138 21.6 19.7 29.5



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

