

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072820\  
 Data File : BN011272.D  
 Acq On : 28 Jul 2020 09:47  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Jul 28 14:46:29 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 28 14:38:05 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.48  | 152  | 1537     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.22 | 136  | 5696     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.10 | 164  | 3479     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.86 | 188  | 7772     | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12          | 21.08 | 240  | 6011     | 0.40 | ng    | -0.01    |
| 36) Perylene-d12          | 23.22 | 264  | 5575     | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.15  | 112 | 1809  | 0.45 | ng | 0.00 |
| 5) Phenol-d6                | 6.68  | 99  | 2120  | 0.43 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.63  | 82  | 2103  | 0.41 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.83 | 152 | 4300  | 0.41 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.61 | 330 | 697   | 0.43 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 12.72 | 172 | 6446  | 0.43 | ng | 0.00 |
| 27) Fluoranthene-d10        | 18.91 | 212 | 10306 | 0.43 | ng | 0.00 |
| 31) Terphenyl-d14           | 19.53 | 244 | 8370  | 0.46 | ng | 0.00 |

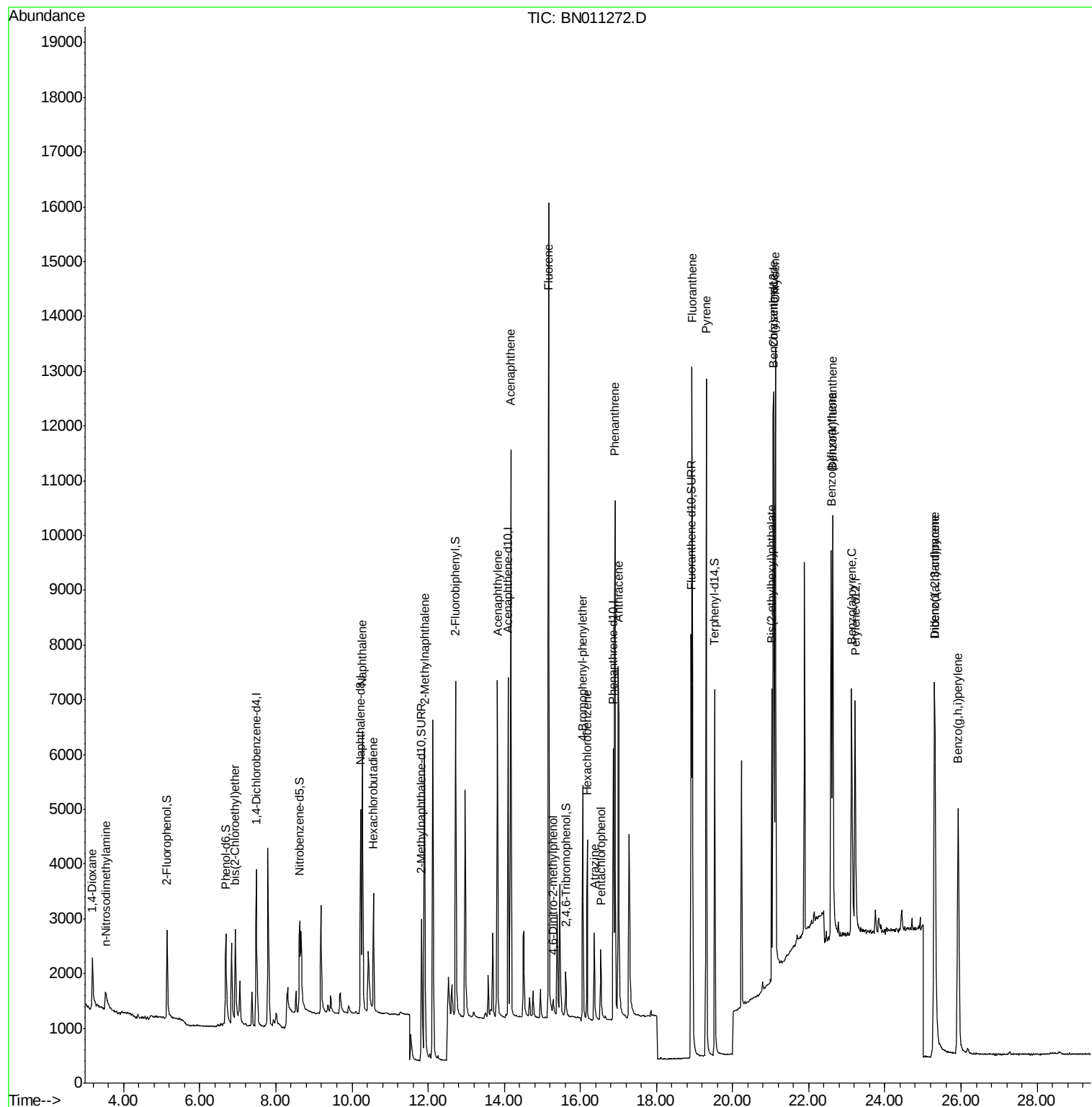
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.19  | 88  | 902   | 0.417  | ng | 96   |
| 3) n-Nitrosodimethylamine      | 3.53  | 42  | 468   | 0.422  | ng | # 85 |
| 6) bis(2-Chloroethyl)ether     | 6.93  | 93  | 1784  | 0.437  | ng | 99   |
| 9) Naphthalene                 | 10.28 | 128 | 7199  | 0.426  | ng | 100  |
| 10) Hexachlorobutadiene        | 10.57 | 225 | 1698  | 0.415  | ng | # 99 |
| 12) 2-Methylnaphthalene        | 11.90 | 142 | 4986  | 0.416  | ng | 99   |
| 16) Acenaphthylene             | 13.82 | 152 | 7356  | 0.411  | ng | 99   |
| 17) Acenaphthene               | 14.17 | 154 | 4994  | 0.427  | ng | 99   |
| 18) Fluorene                   | 15.17 | 166 | 6586  | 0.439  | ng | 99   |
| 20) 4,6-Dinitro-2-methylphenol | 15.28 | 198 | 416   | 0.449  | ng | # 85 |
| 21) 4-Bromophenyl-phenylether  | 16.07 | 248 | 2250  | 0.437  | ng | 96   |
| 22) Hexachlorobenzene          | 16.18 | 284 | 2410  | 0.413  | ng | 98   |
| 23) Atrazine                   | 16.36 | 200 | 1643  | 0.410  | ng | 99   |
| 24) Pentachlorophenol          | 16.53 | 266 | 765   | 0.422  | ng | 97   |
| 25) Phenanthrene               | 16.91 | 178 | 10655 | 0.421  | ng | 100  |
| 26) Anthracene                 | 16.99 | 178 | 8689  | 0.413  | ng | 99   |
| 28) Fluoranthene               | 18.94 | 202 | 12431 | 0.432  | ng | 99   |
| 30) Pvrene                     | 19.31 | 202 | 12304 | 0.454  | ng | 100  |
| 32) Benzo(a)anthracene         | 21.07 | 228 | 9174  | 0.455  | ng | 99   |
| 33) Chrysene                   | 21.12 | 228 | 10286 | 0.455  | ng | 99   |
| 34) Bis(2-ethylhexyl)phthalate | 21.02 | 149 | 4775  | 0.442  | ng | 99   |
| 35) Indeno(1,2,3-cd)pyrene     | 25.30 | 276 | 9681  | 0.439  | ng | 97   |
| 37) Benzo(b)fluoranthene       | 22.59 | 252 | 9211  | 0.414  | ng | 98   |
| 38) Benzo(k)fluoranthene       | 22.63 | 252 | 10031 | 0.410  | ng | 98   |
| 39) Benzo(a)pyrene             | 23.12 | 252 | 7647  | 0.396  | ng | 97   |
| 40) Dibenzo(a,h)anthracene     | 25.31 | 278 | 7584  | 0.380  | ng | 97   |
| 41) Benzo(g,h,i)perylene       | 25.92 | 276 | 9926  | 0.449  | ng | 99   |

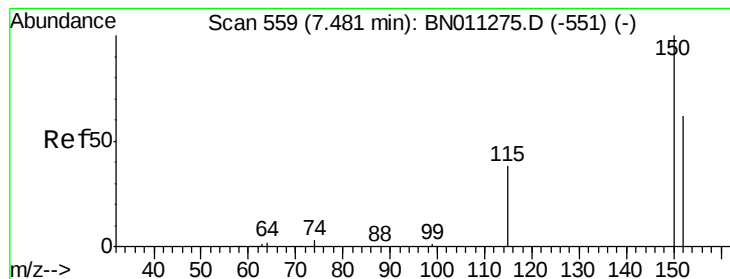
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 28 14:38:05 2020  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.48 min Scan# 559

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

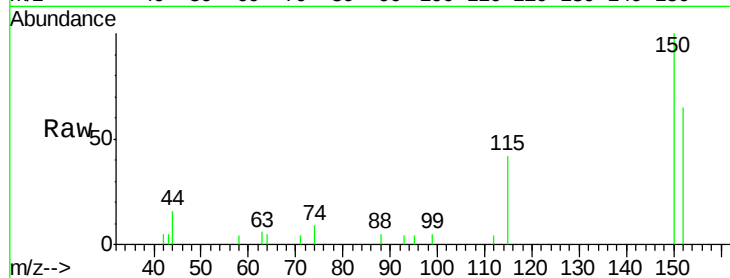
Tot Ion:152 Resp: 1537

Ion Ratio Lower Upper

152 100

150 152.7 126.5 189.7

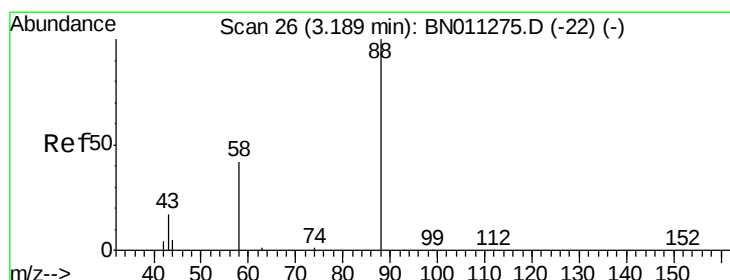
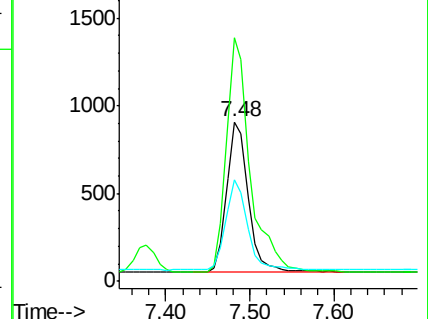
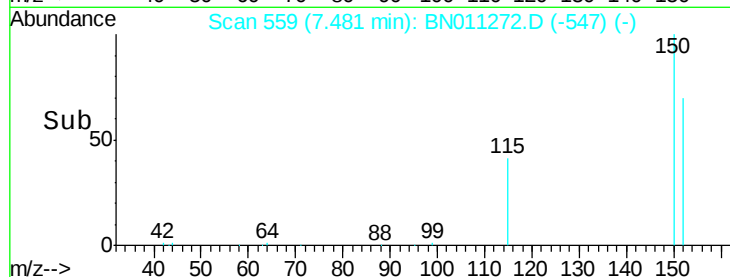
115 63.5 51.9 77.9



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: 0.417 ng

RT: 3.19 min Scan# 26

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

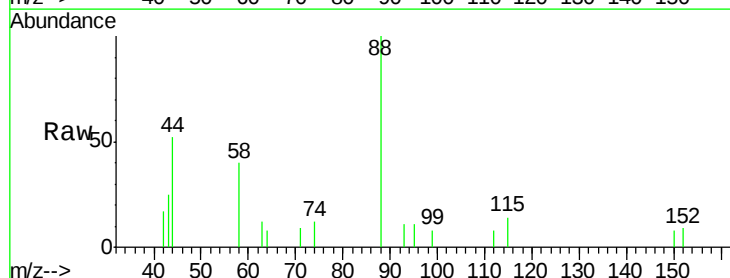
Tgt Ion: 88 Resp: 902

Ion Ratio Lower Upper

88 100

58 48.9 36.5 54.7

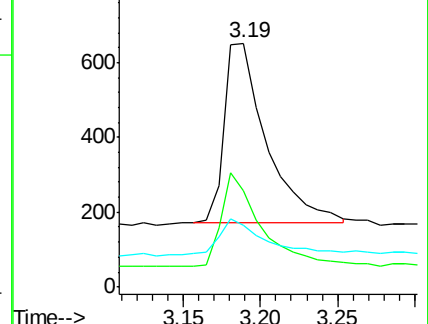
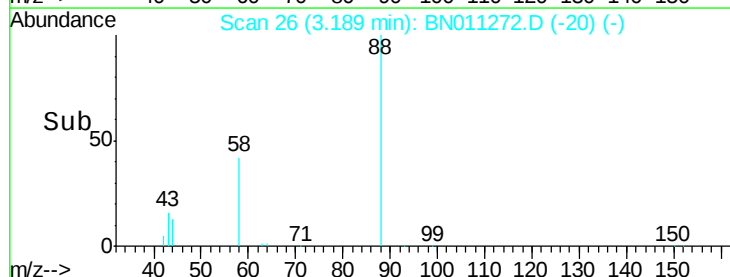
43 19.0 16.1 24.1

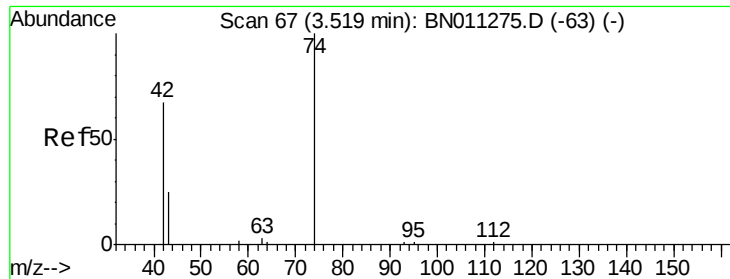


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



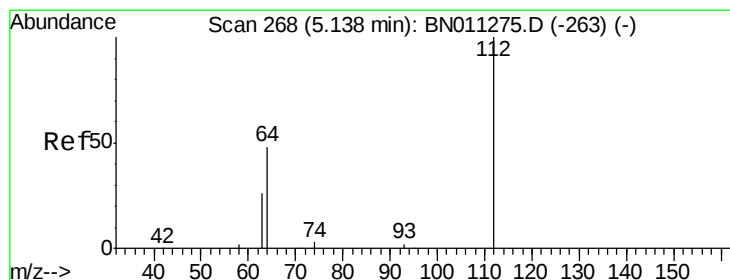
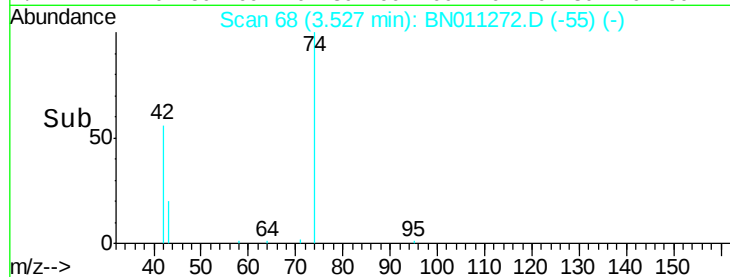
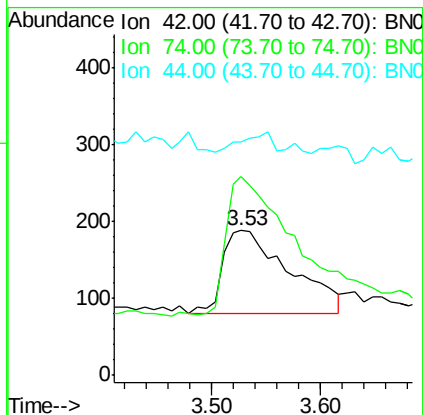
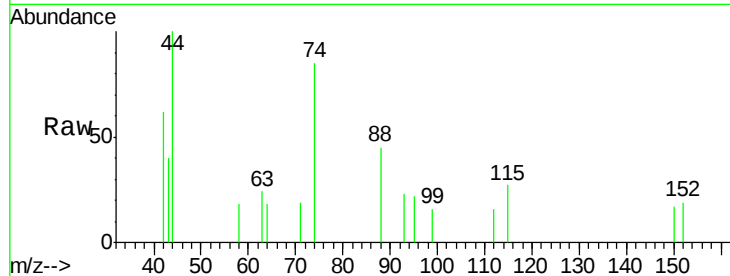


#3

n-Nitrosodimethylamine  
 Concen: 0.422 ng  
 RT: 3.53 min Scan# 68  
 Delta R.T. 0.01 min  
 Lab File: BN011272.D  
 Acq: 28 Jul 2020 09:47

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

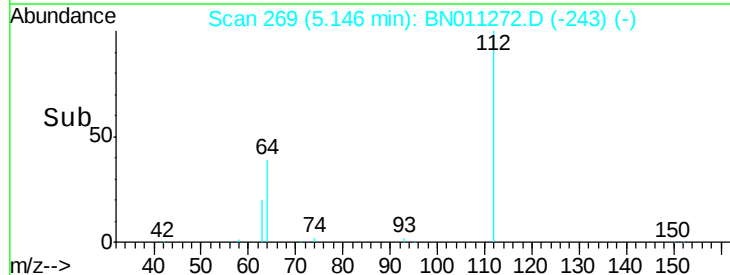
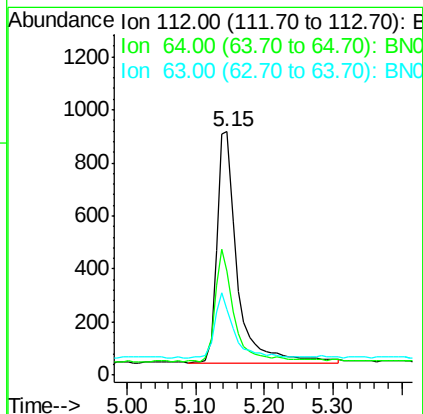
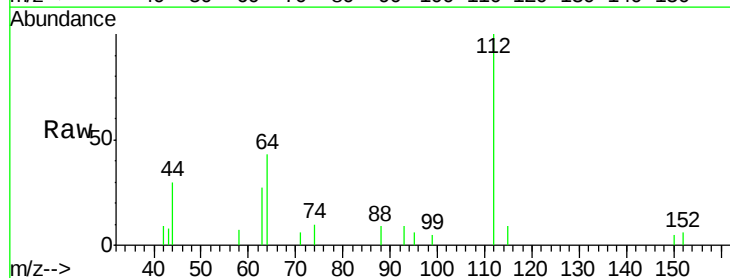
Tot Ion: 42 Resp: 468  
 Ion Ratio Lower Upper  
 42 100  
 74 160.9 144.2 216.2  
 44 0.0 11.1 16.7#

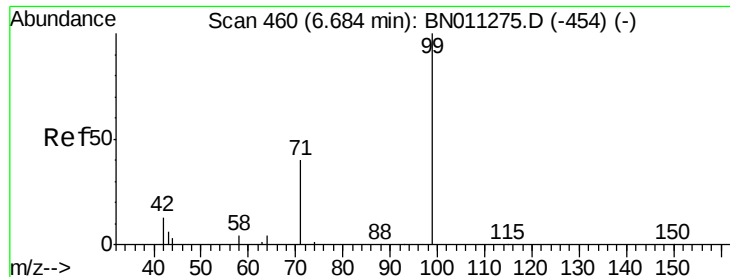


#4

2-Fluorophenol  
 Concen: 0.448 ng  
 RT: 5.15 min Scan# 269  
 Delta R.T. 0.01 min  
 Lab File: BN011272.D  
 Acq: 28 Jul 2020 09:47

Tgt Ion: 112 Resp: 1809  
 Ion Ratio Lower Upper  
 112 100  
 64 46.1 35.8 53.6  
 63 27.1 19.3 28.9





#5

Phenol-d6

Concen: 0.432 ng

RT: 6.68 min Scan# 460

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

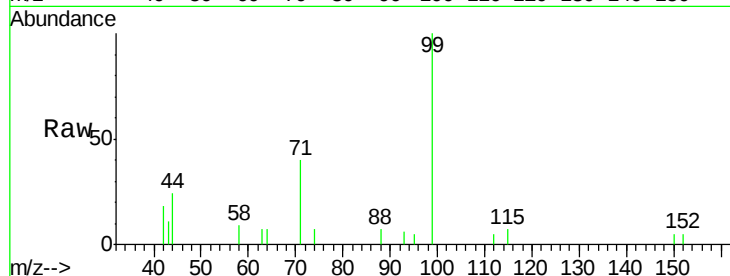
Tot Ion: 99 Resp: 2120

Ion Ratio Lower Upper

99 100

42 14.2 11.2 16.8

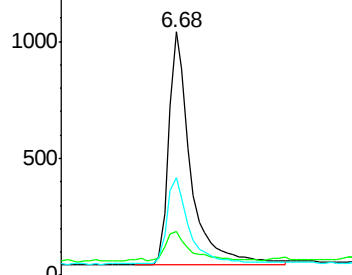
71 37.4 30.6 45.8



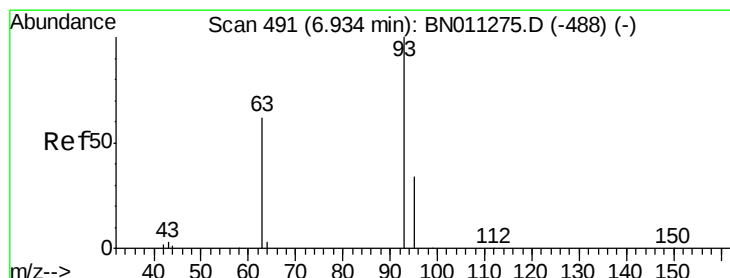
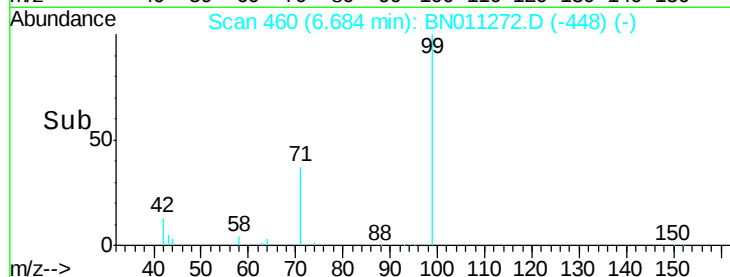
Abundance Ion 99.00 (98.70 to 99.70): BN011272.D (-454) (-)

Ion 42.00 (41.70 to 42.70): BN011272.D (-454) (-)

Ion 71.00 (70.70 to 71.70): BN011272.D (-454) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.437 ng

RT: 6.93 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

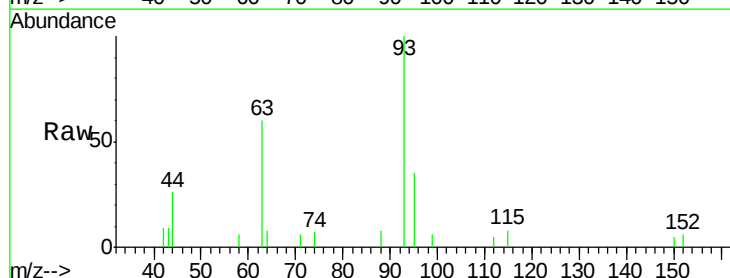
Tgt Ion: 93 Resp: 1784

Ion Ratio Lower Upper

93 100

63 59.8 47.8 71.6

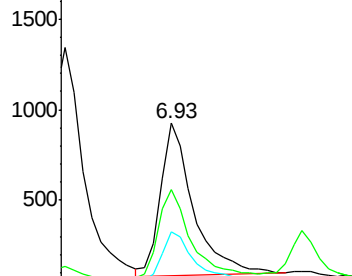
95 32.6 27.1 40.7



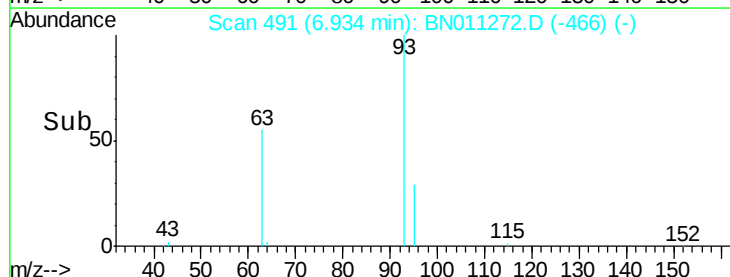
Abundance Ion 93.00 (92.70 to 93.70): BN011272.D (-488) (-)

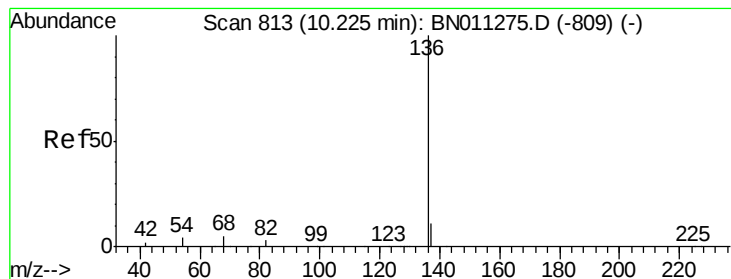
Ion 63.00 (62.70 to 63.70): BN011272.D (-488) (-)

Ion 95.00 (94.70 to 95.70): BN011272.D (-488) (-)



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 813

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 5696

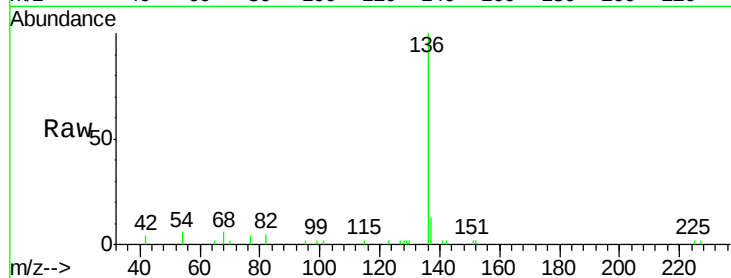
Ion Ratio Lower Upper

136 100

137 12.6 9.9 14.9

54 6.2 4.8 7.2

68 6.4 4.9 7.3

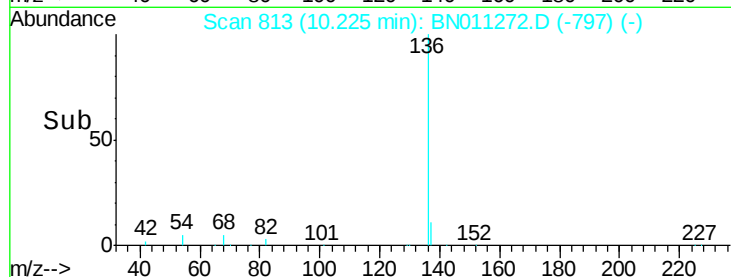


Abundance Ion 136.00 (135.70 to 136.70): E

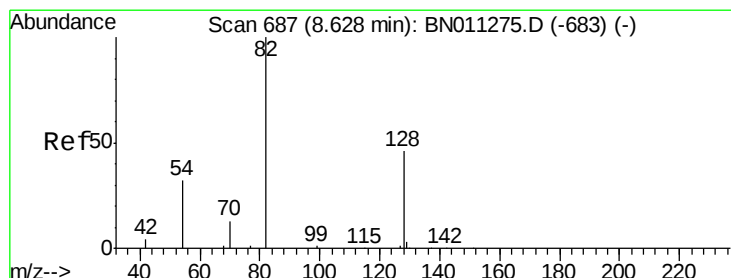
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.414 ng

RT: 8.63 min Scan# 687

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

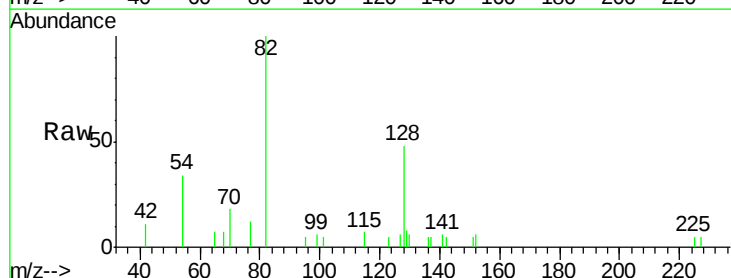
Tgt Ion: 82 Resp: 2103

Ion Ratio Lower Upper

82 100

128 47.5 40.1 60.1

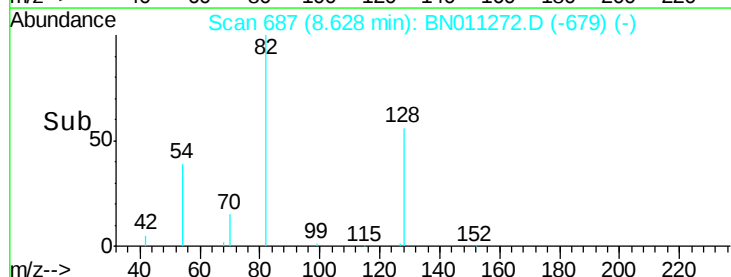
54 33.6 29.0 43.6



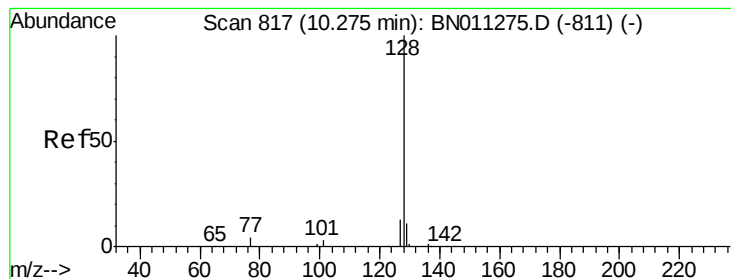
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.426 ng

RT: 10.28 min Scan# 817

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

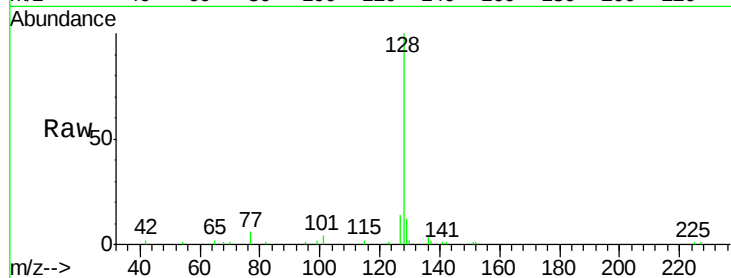
Tot Ion:128 Resp: 7199

Ion Ratio Lower Upper

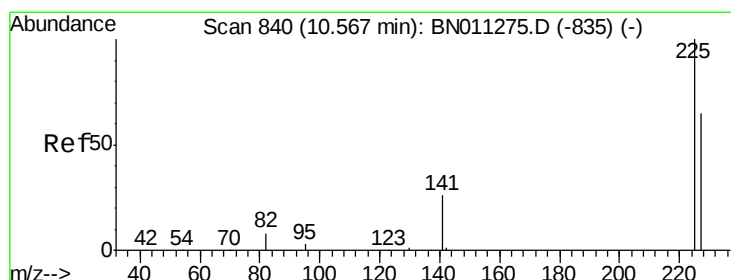
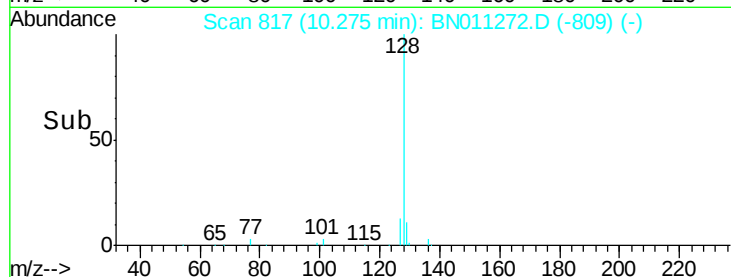
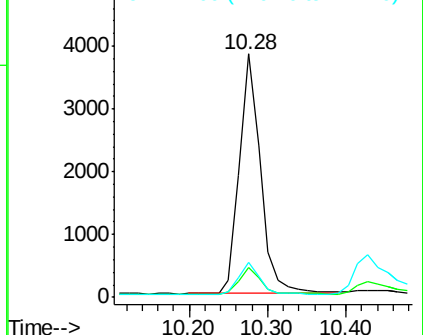
128 100

129 12.0 9.7 14.5

127 14.4 11.5 17.3



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: 0.415 ng

RT: 10.57 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

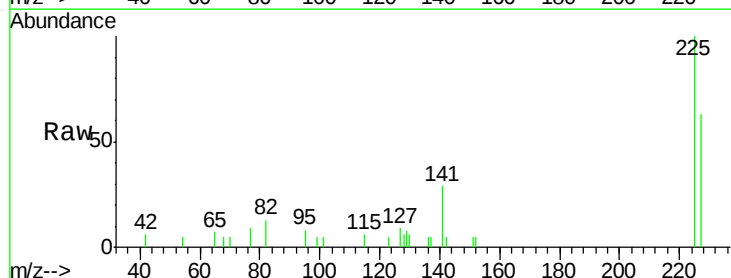
Tgt Ion:225 Resp: 1698

Ion Ratio Lower Upper

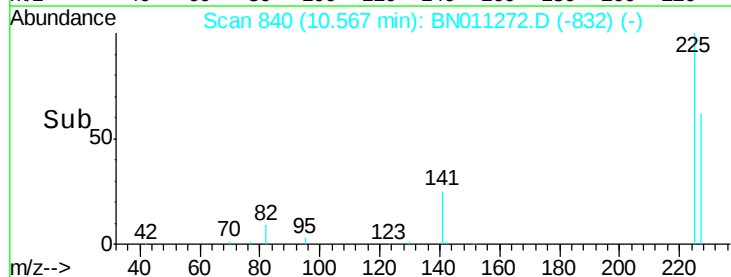
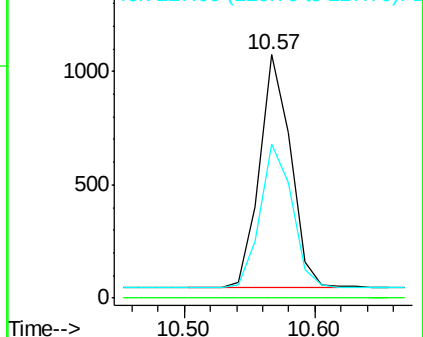
225 100

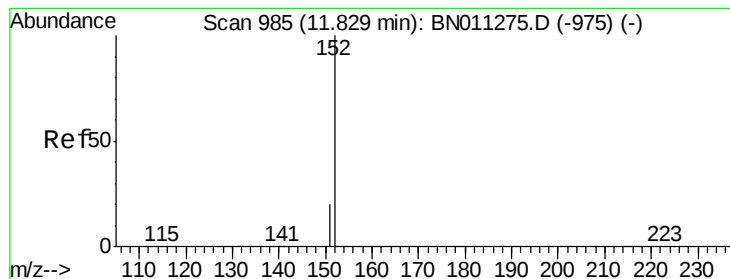
223 0.0 0.0 0.0

227 63.5 51.7 77.5



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: 0.413 ng

RT: 11.83 min Scan# 985

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

Instrument :

BNA\_N

ClientSampleId :

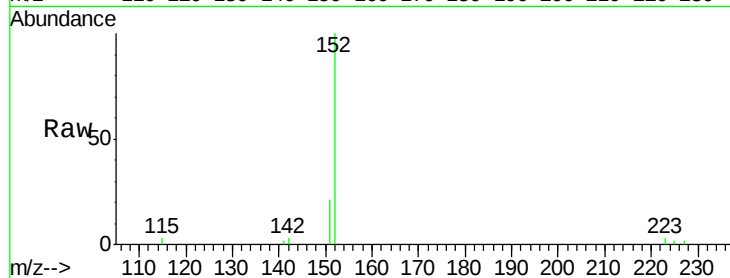
SSTDCCC0.4

Tot Ion:152 Resp: 4300

Ion Ratio Lower Upper

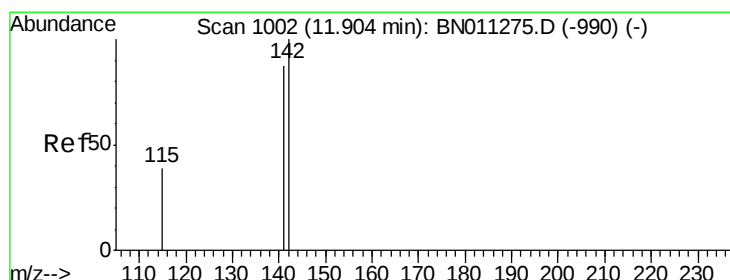
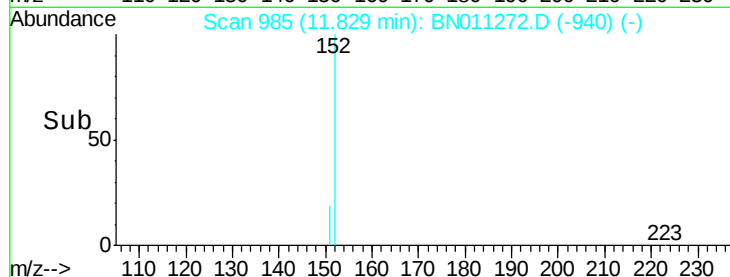
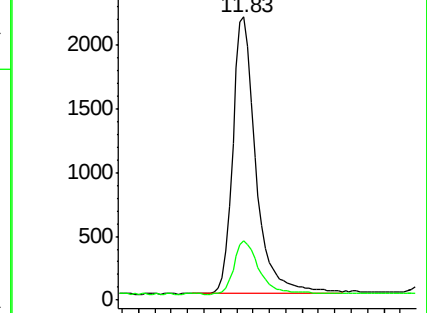
152 100

151 20.7 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.416 ng

RT: 11.90 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

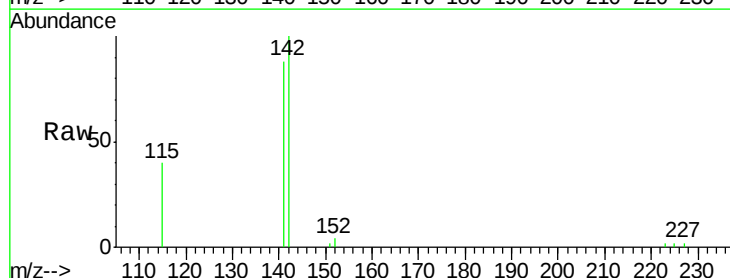
Tgt Ion:142 Resp: 4986

Ion Ratio Lower Upper

142 100

141 88.4 69.6 104.4

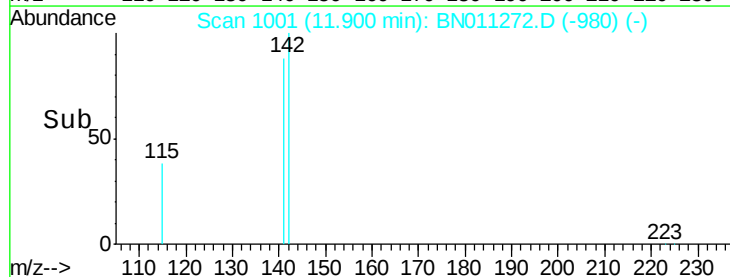
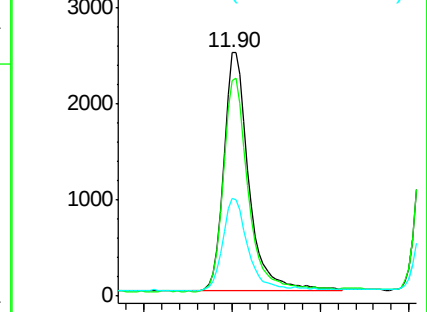
115 40.1 32.5 48.7

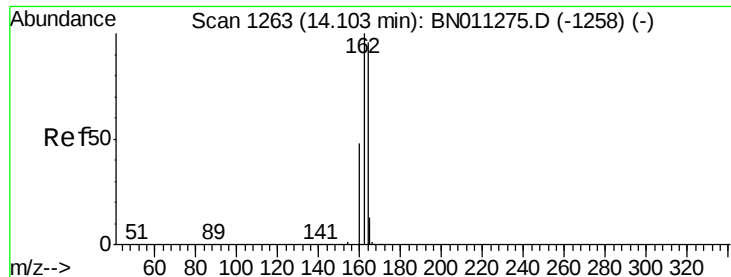


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

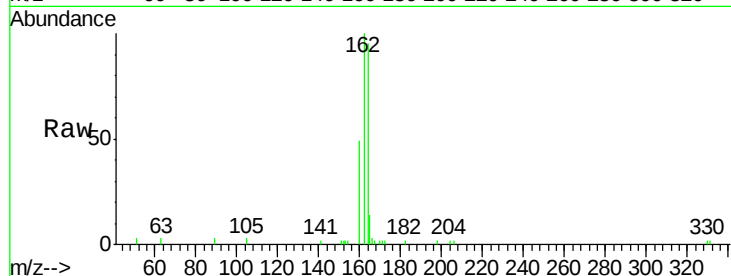
Tot Ion:164 Resp: 3479

Ion Ratio Lower Upper

164 100

162 105.3 83.6 125.4

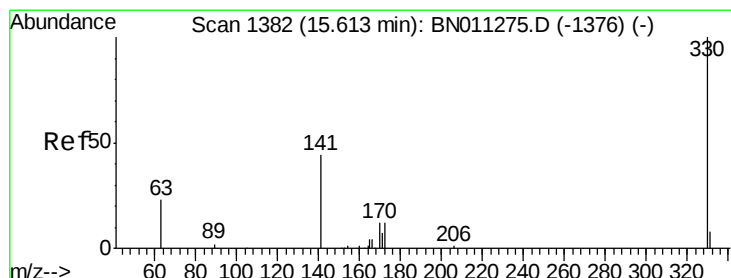
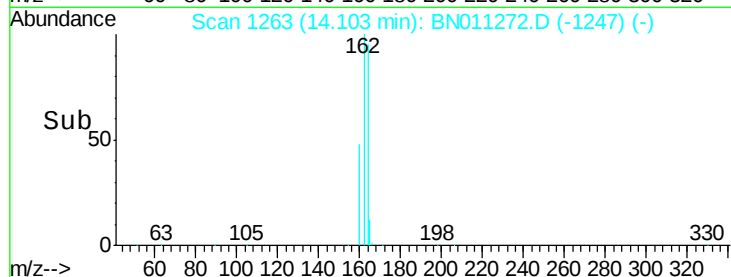
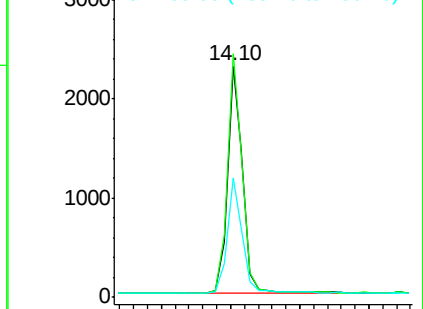
160 51.6 41.2 61.8



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: 0.434 ng

RT: 15.61 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

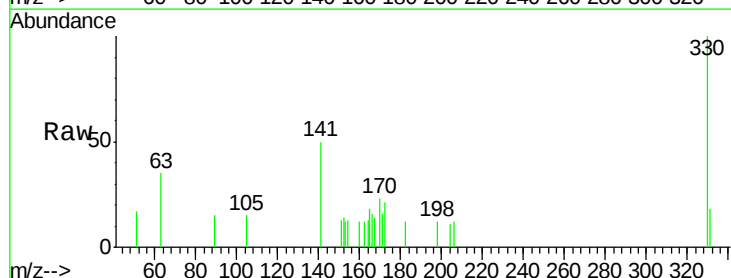
Tgt Ion:330 Resp: 697

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

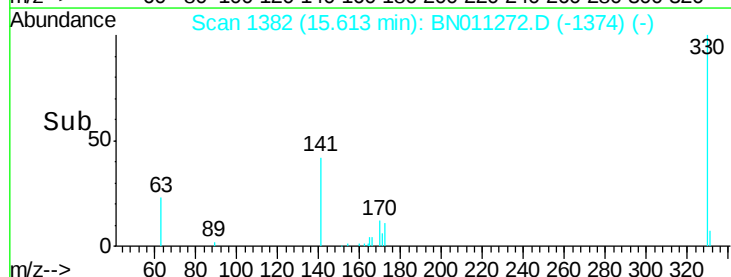
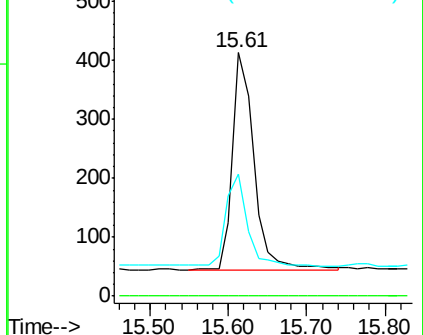
141 44.8 34.2 51.2

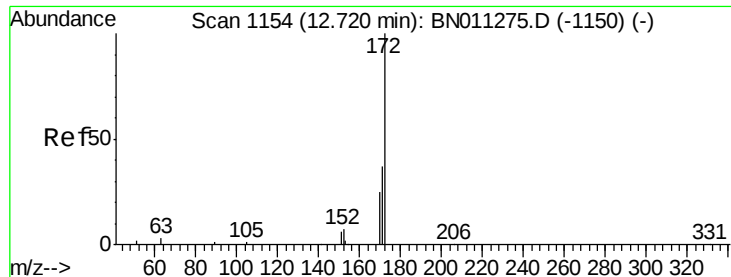


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

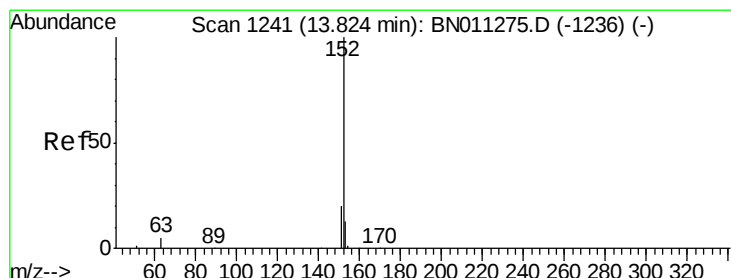
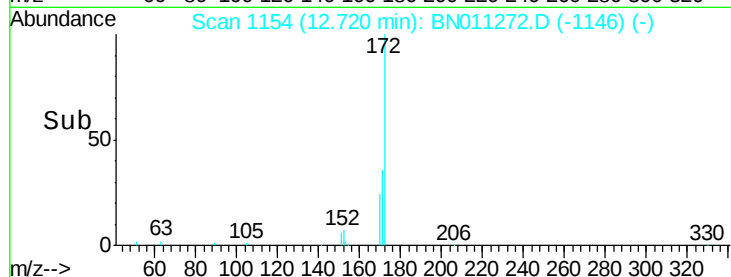
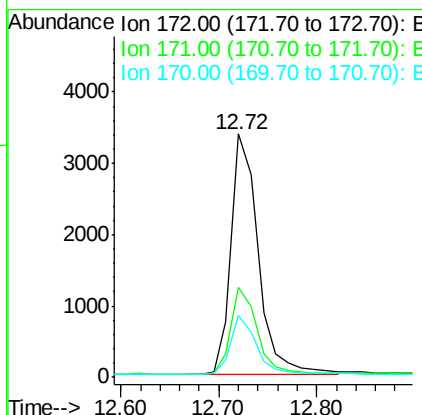
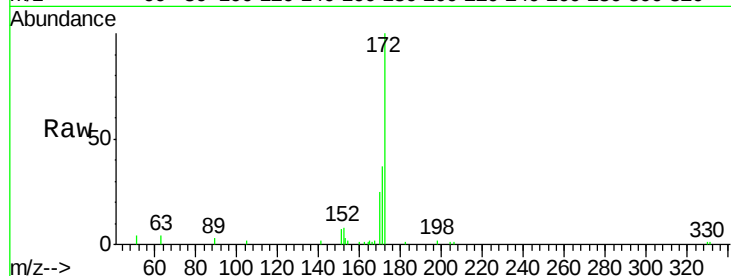




#15  
2-Fluorobiphenyl  
Concen: 0.429 ng  
RT: 12.72 min Scan# 1154  
Delta R.T. 0.00 min  
Lab File: BN011272.D  
Acq: 28 Jul 2020 09:47

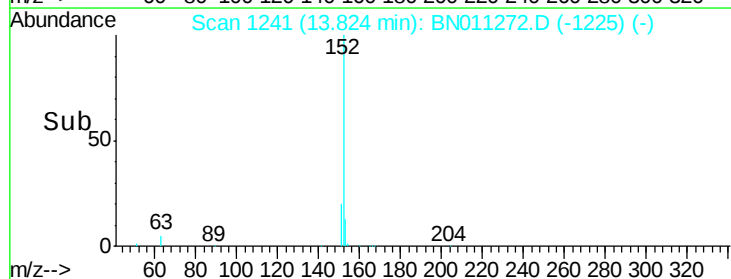
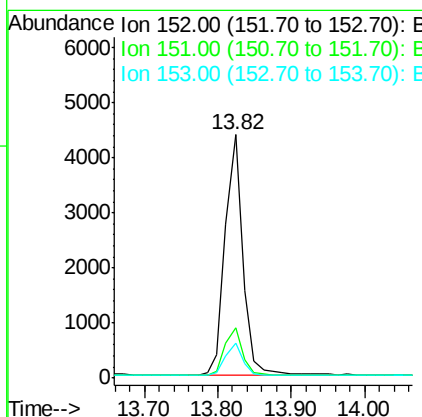
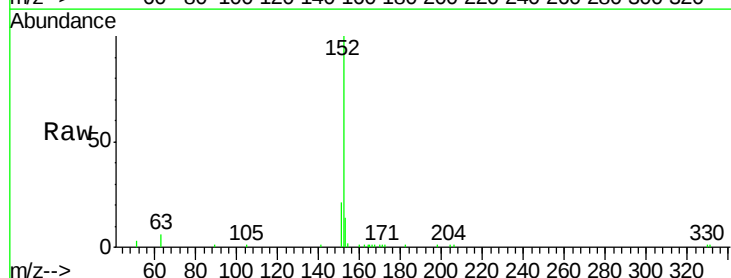
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

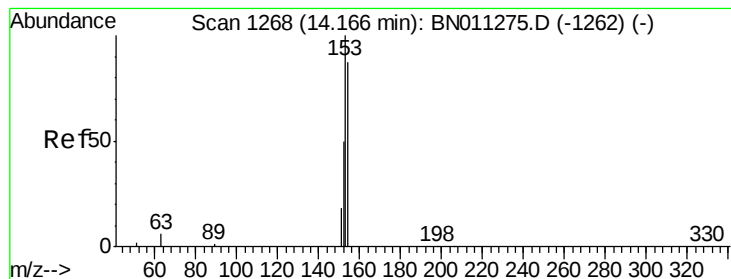
Tot Ion:172 Resp: 6446  
Ion Ratio Lower Upper  
172 100  
171 36.7 30.6 46.0  
170 25.4 21.0 31.4



#16  
Acenaphthylene  
Concen: 0.411 ng  
RT: 13.82 min Scan# 1241  
Delta R.T. 0.00 min  
Lab File: BN011272.D  
Acq: 28 Jul 2020 09:47

Tgt Ion:152 Resp: 7356  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.8 23.8  
153 13.3 10.2 15.4





#17

Acenaphthene

Concen: 0.427 ng

RT: 14.17 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

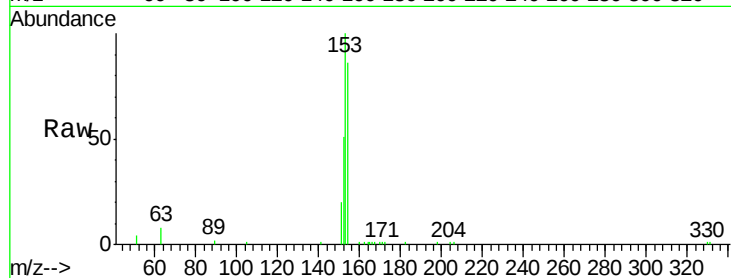
Tot Ion:154 Resp: 4994

Ion Ratio Lower Upper

154 100

153 115.2 91.3 136.9

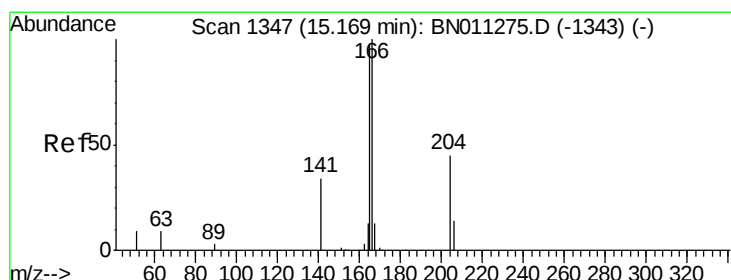
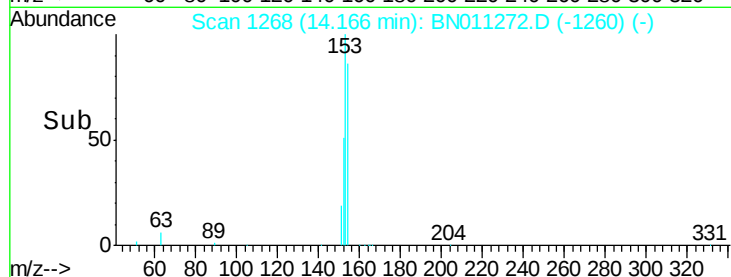
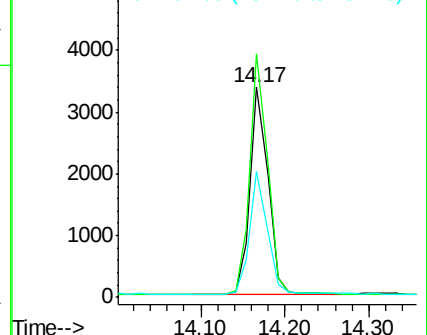
152 58.1 45.8 68.6



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: 0.439 ng

RT: 15.17 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

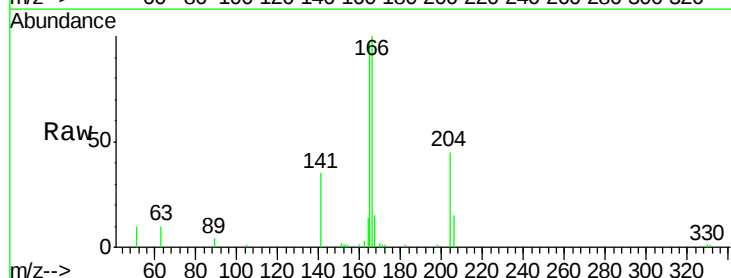
Tgt Ion:166 Resp: 6586

Ion Ratio Lower Upper

166 100

165 98.6 79.6 119.4

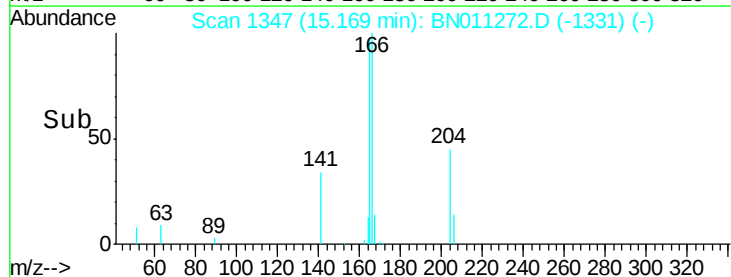
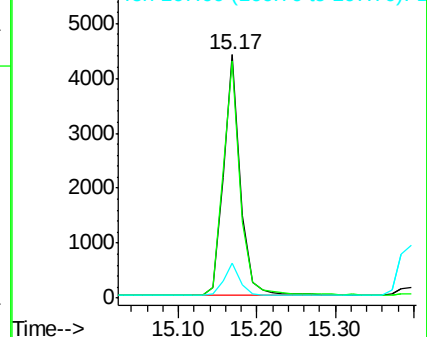
167 13.4 10.8 16.2

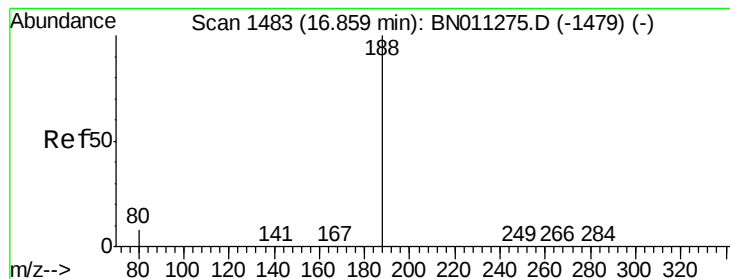


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.86 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

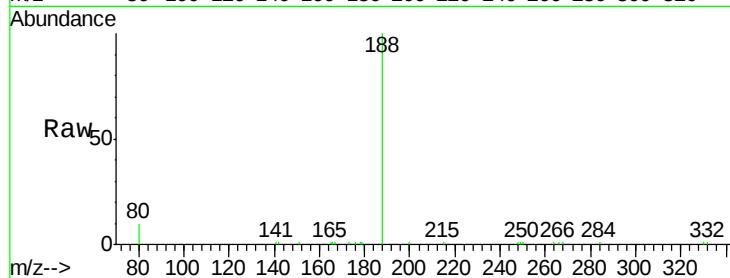
Tot Ion:188 Resp: 7772

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

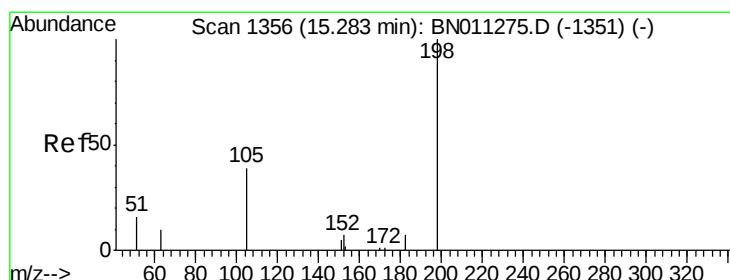
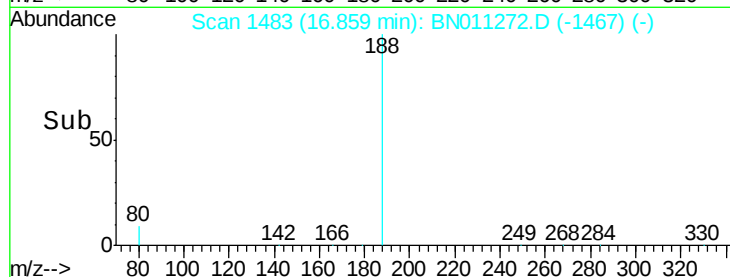
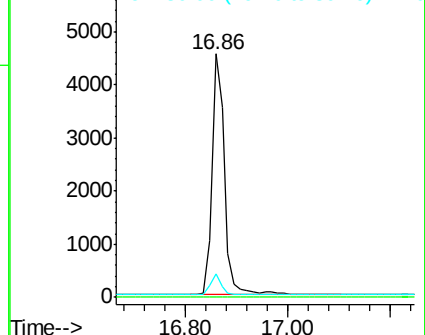
80 9.7 7.4 11.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4,6-Dinitro-2-methylphenol

Concen: 0.449 ng

RT: 15.28 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

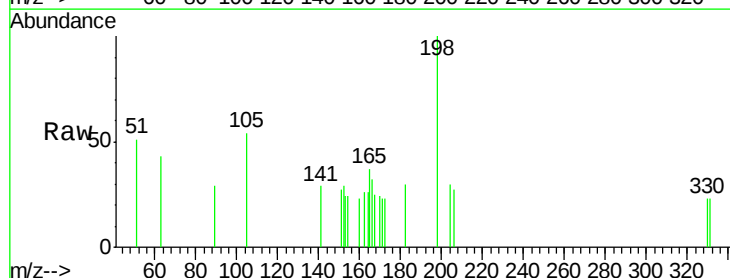
Tgt Ion:198 Resp: 416

Ion Ratio Lower Upper

198 100

51 51.0 49.0 73.6

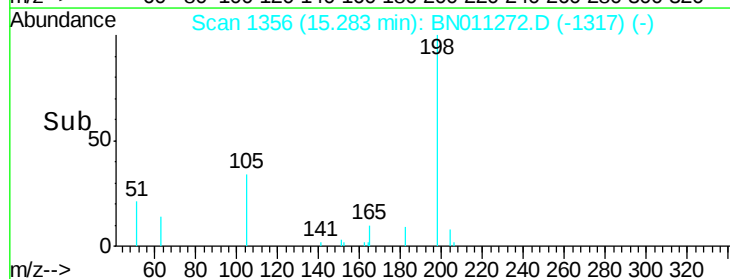
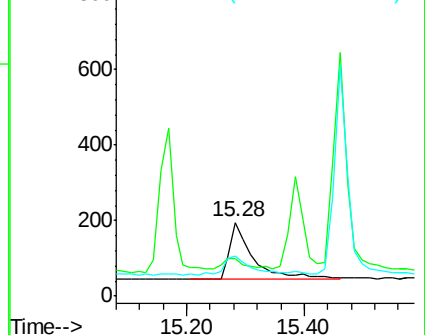
105 53.6 53.8 80.6#

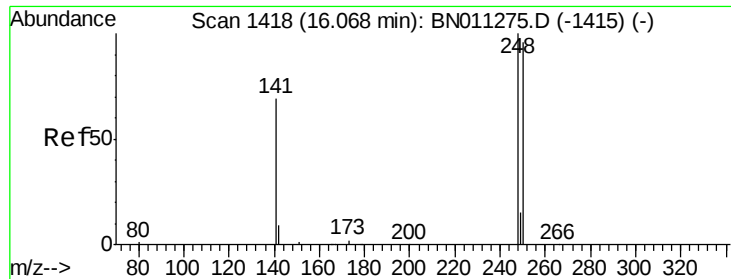


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E

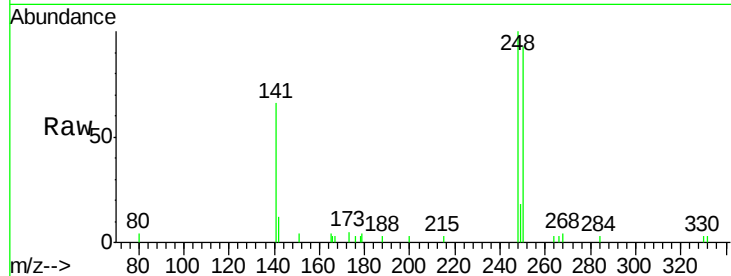




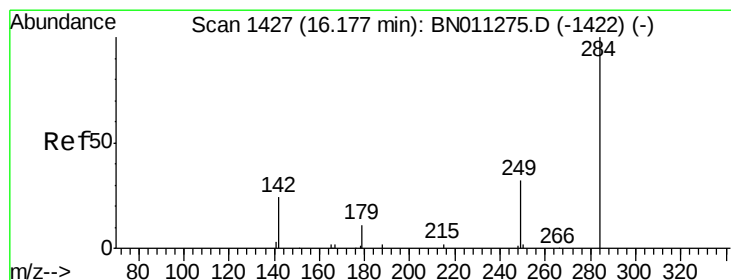
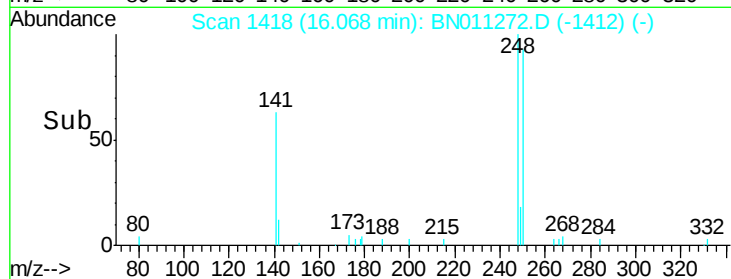
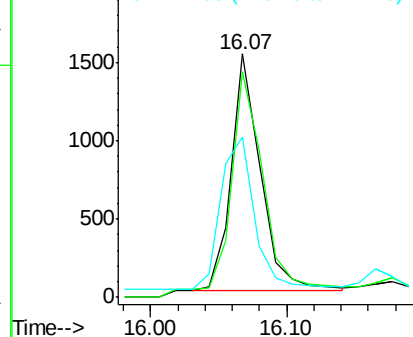
#21  
4-Bromophenyl-phenylether  
Concen: 0.437 ng  
RT: 16.07 min Scan# 1418  
Delta R.T. 0.00 min  
Lab File: BN011272.D  
Acq: 28 Jul 2020 09:47

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tot Ion:248 Resp: 2250  
Ion Ratio Lower Upper  
248 100  
250 92.9 77.2 115.8  
141 66.1 56.5 84.7

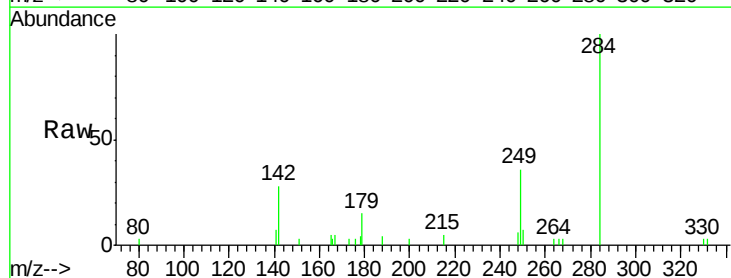


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

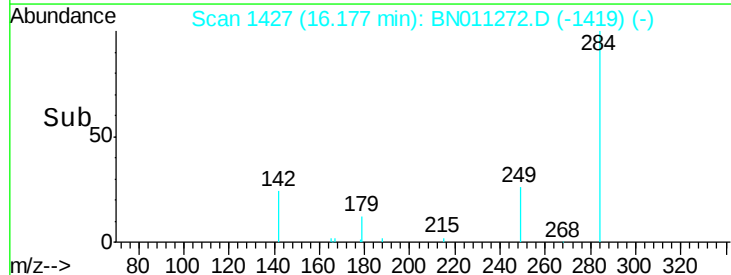
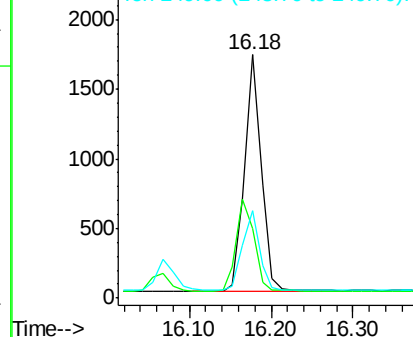


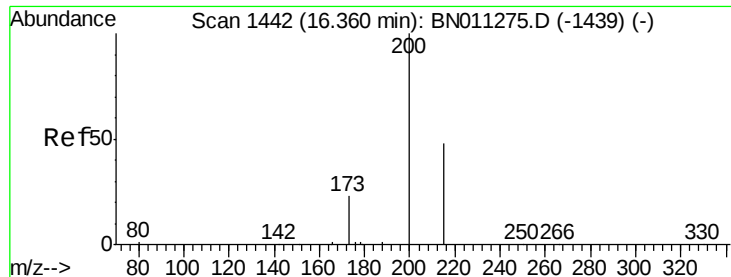
#22  
Hexachlorobenzene  
Concen: 0.413 ng  
RT: 16.18 min Scan# 1427  
Delta R.T. 0.00 min  
Lab File: BN011272.D  
Acq: 28 Jul 2020 09:47

Tgt Ion:284 Resp: 2410  
Ion Ratio Lower Upper  
284 100  
142 42.4 32.8 49.2  
249 34.3 26.6 40.0



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





#23

Atrazine

Concen: 0.410 ng

RT: 16.36 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

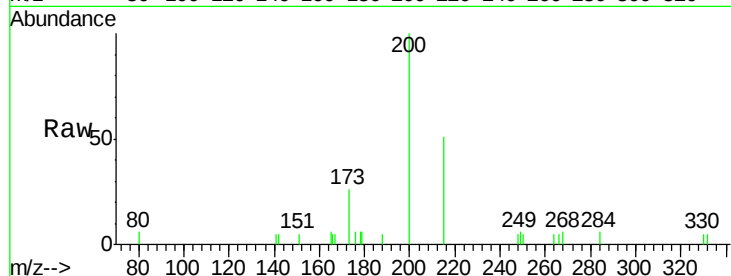
Tot Ion:200 Resp: 1643

Ion Ratio Lower Upper

200 100

173 26.2 22.0 33.0

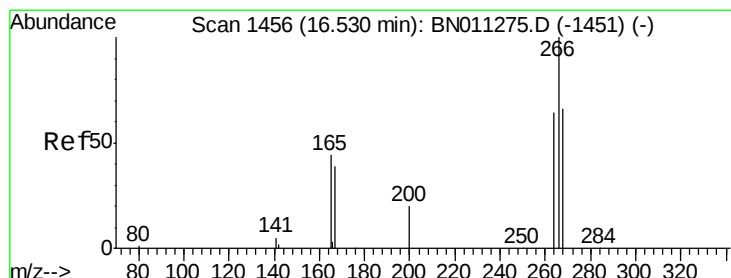
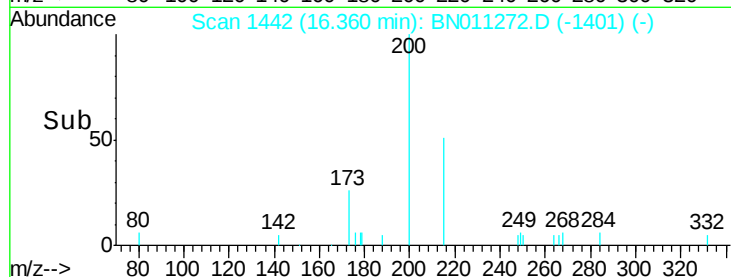
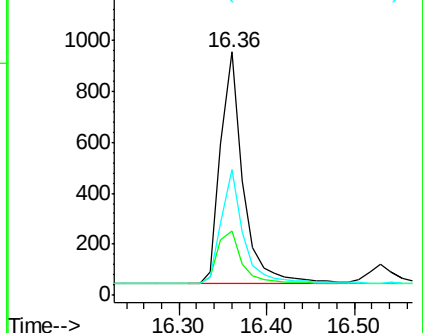
215 51.5 41.1 61.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 0.422 ng

RT: 16.53 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

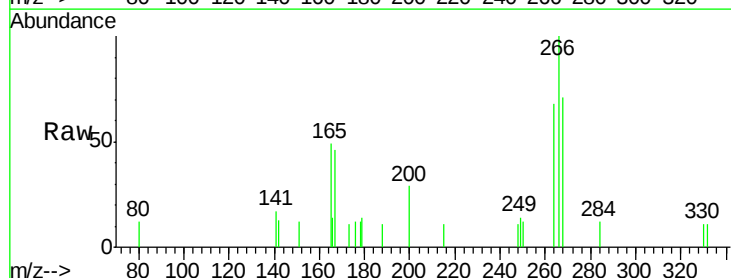
Tgt Ion:266 Resp: 765

Ion Ratio Lower Upper

266 100

264 62.6 51.1 76.7

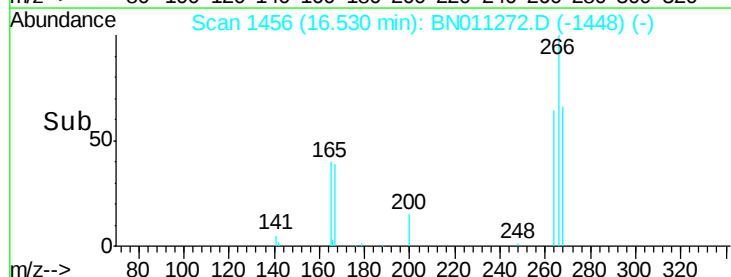
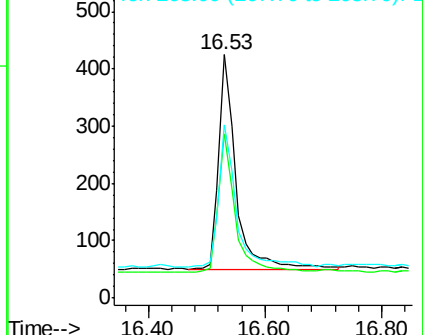
268 65.6 55.5 83.3

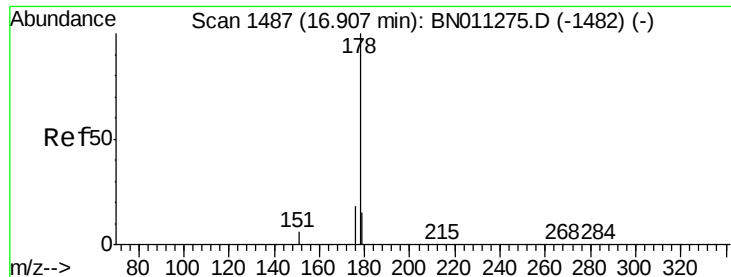


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.421 ng

RT: 16.91 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

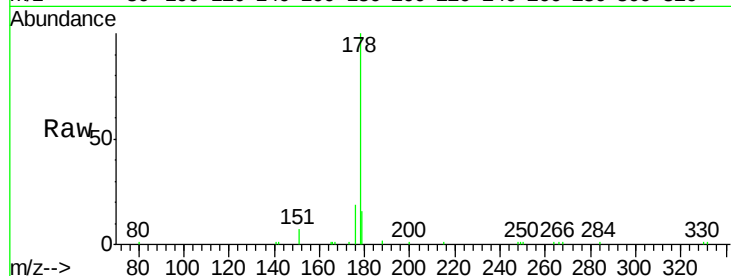
Tot Ion:178 Resp: 10655

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

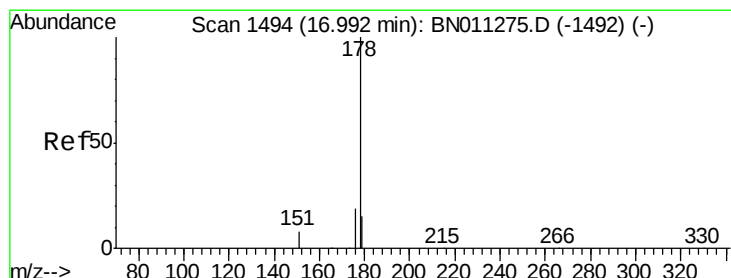
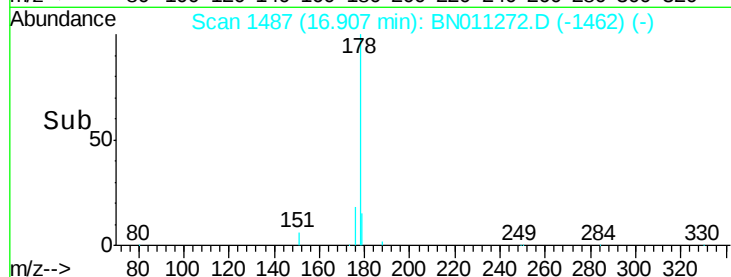
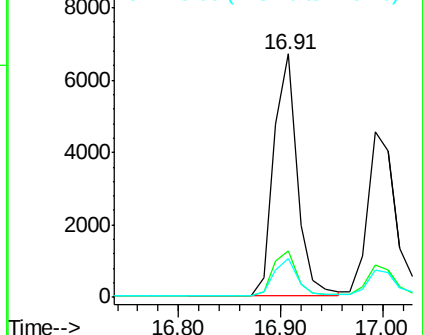
179 15.4 12.2 18.4



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



#26

Anthracene

Concen: 0.413 ng

RT: 16.99 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

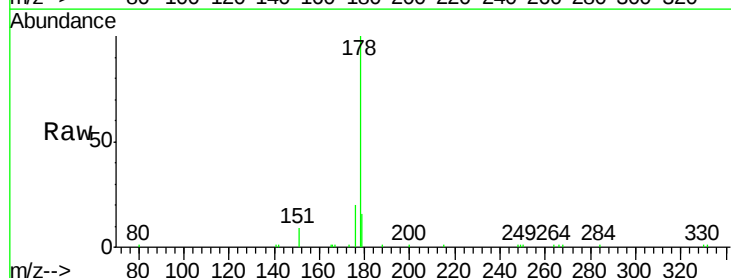
Tgt Ion:178 Resp: 8689

Ion Ratio Lower Upper

178 100

176 18.0 15.0 22.6

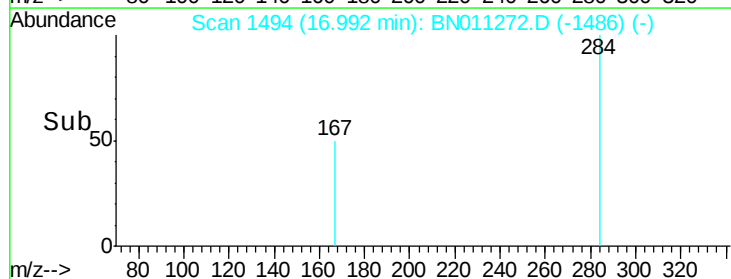
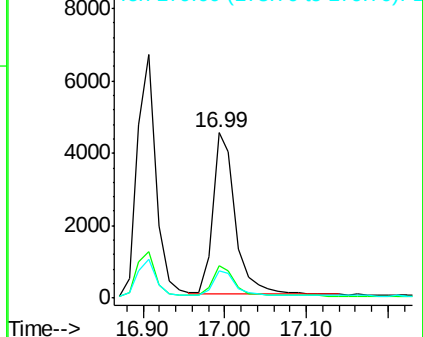
179 15.0 12.1 18.1

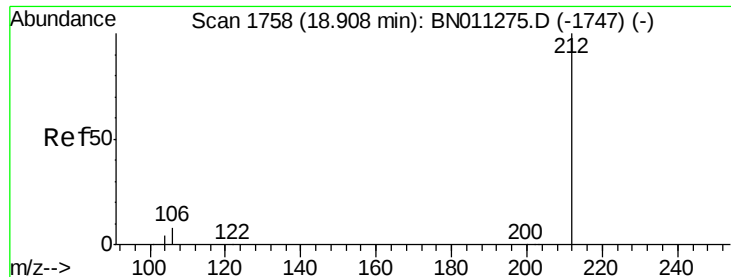


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.434 ng

RT: 18.91 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

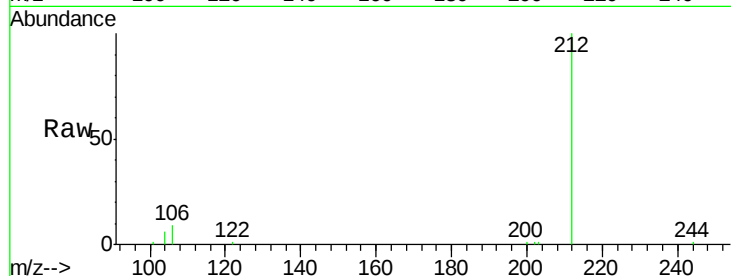
Tot Ion:212 Resp: 10306

Ion Ratio Lower Upper

212 100

106 8.9 6.9 10.3

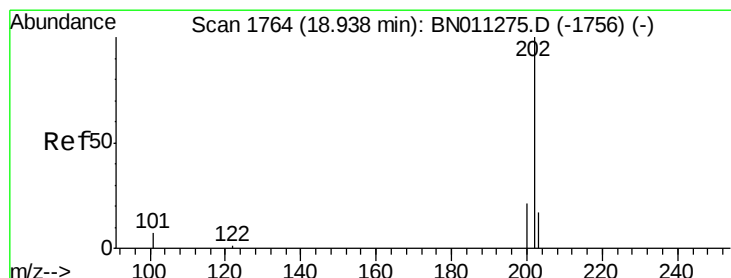
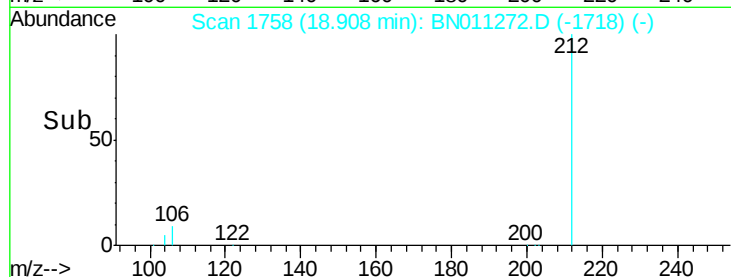
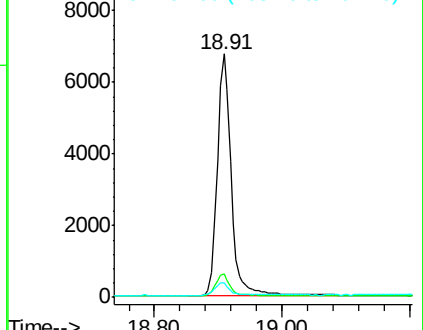
104 5.3 4.2 6.2



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



#28

Fluoranthene

Concen: 0.432 ng

RT: 18.94 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

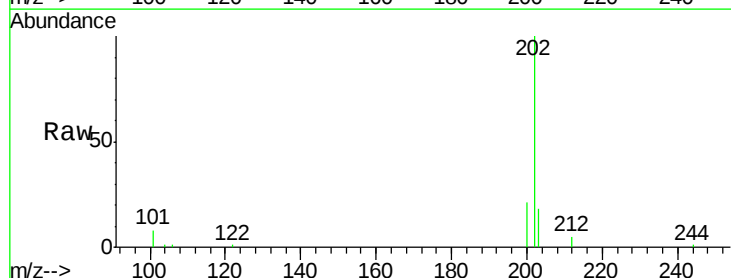
Tgt Ion:202 Resp: 12431

Ion Ratio Lower Upper

202 100

101 7.9 5.9 8.9

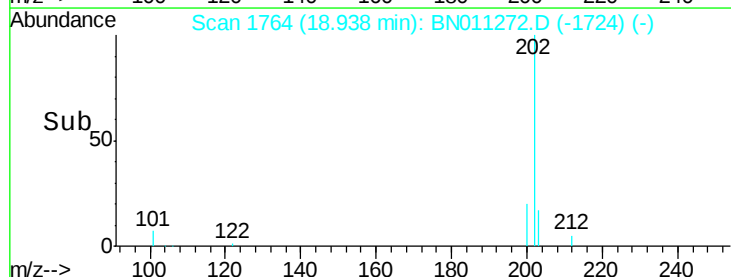
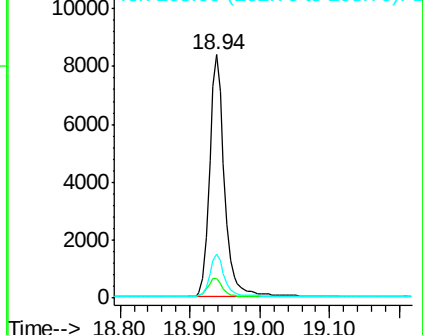
203 16.9 13.7 20.5

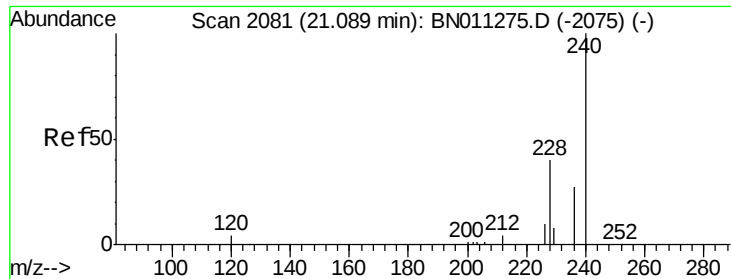


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

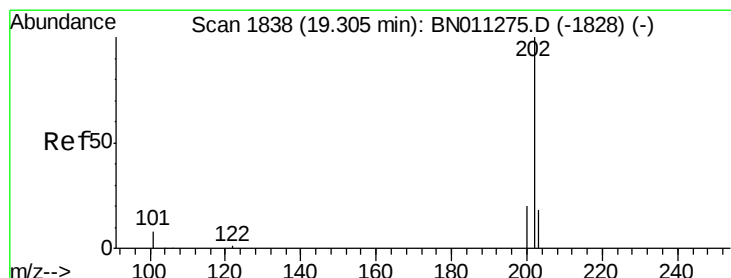
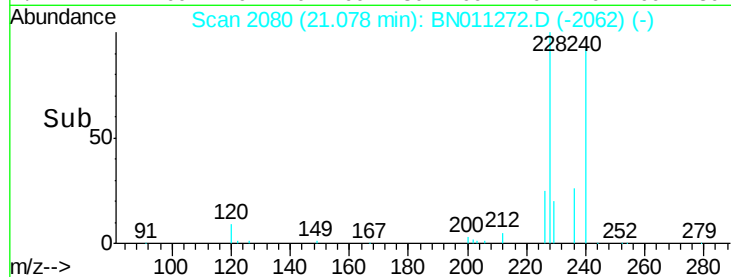
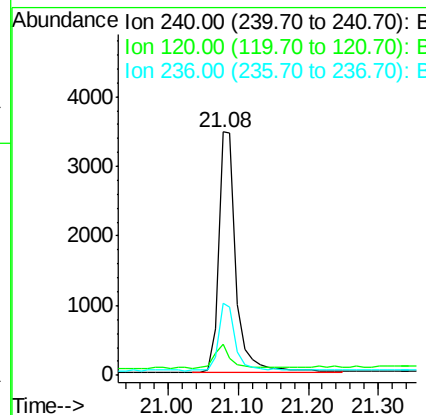
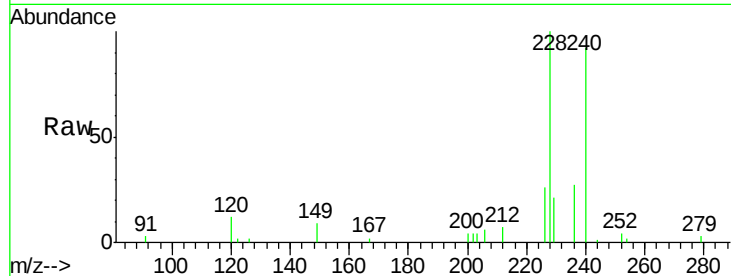




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.08 min Scan# 2080  
Delta R.T. -0.01 min  
Lab File: BN011272.D  
Acq: 28 Jul 2020 09:47

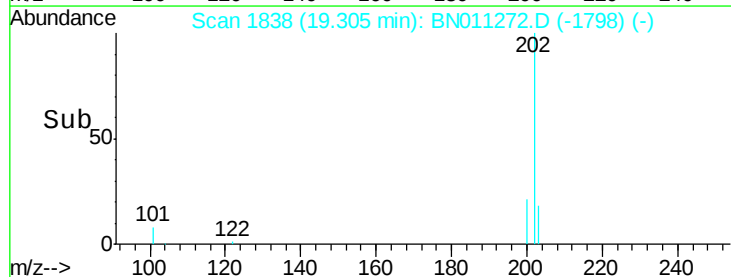
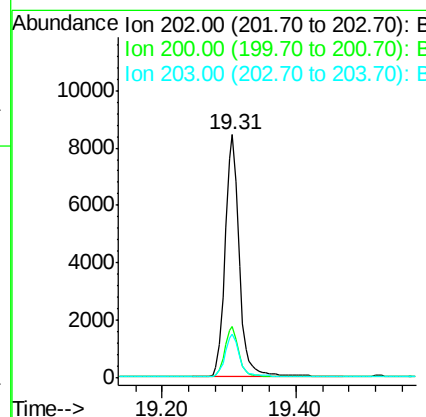
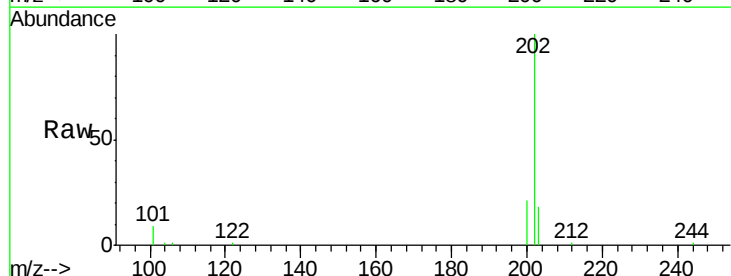
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

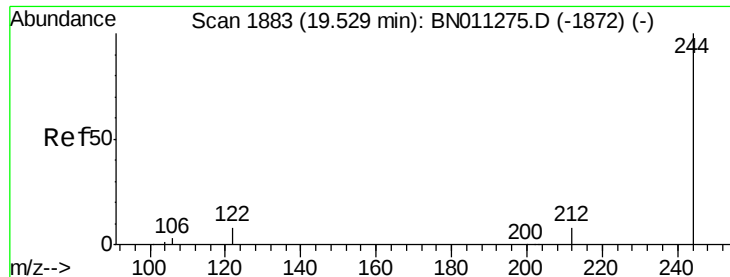
Tot Ion:240 Resp: 6011  
Ion Ratio Lower Upper  
240 100  
120 12.9 5.8 8.8#  
236 29.8 22.7 34.1



#30  
Pyrene  
Concen: 0.454 ng  
RT: 19.31 min Scan# 1838  
Delta R.T. 0.00 min  
Lab File: BN011272.D  
Acq: 28 Jul 2020 09:47

Tgt Ion:202 Resp: 12304  
Ion Ratio Lower Upper  
202 100  
200 20.6 16.3 24.5  
203 17.6 14.1 21.1





#31

Terphenyl-d14

Concen: 0.460 ng

RT: 19.53 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

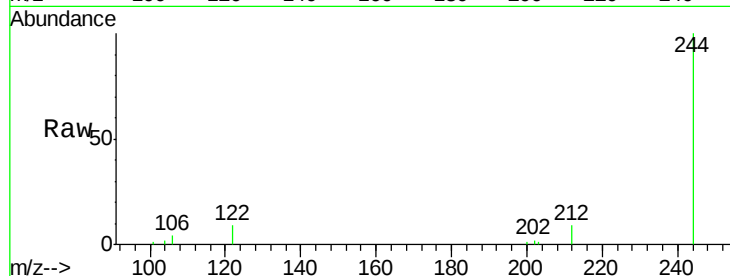
Tot Ion:244 Resp: 8370

Ion Ratio Lower Upper

244 100

212 9.0 7.6 11.4

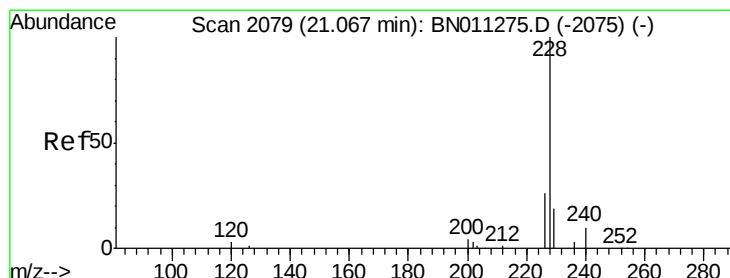
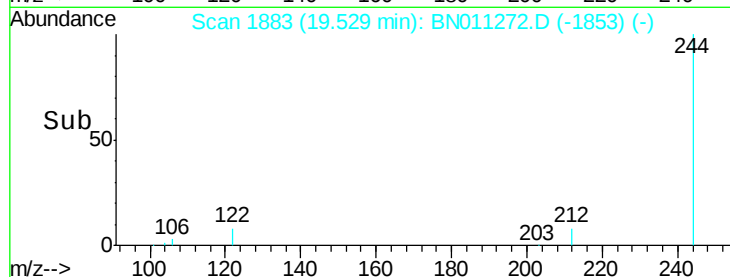
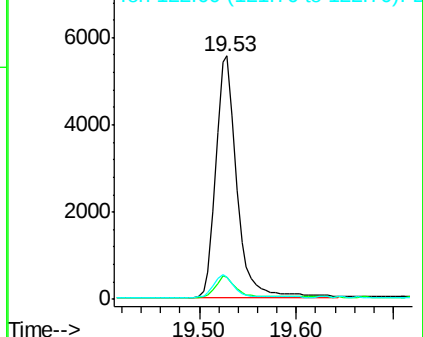
122 9.1 7.5 11.3



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



#32

Benzo(a)anthracene

Concen: 0.455 ng

RT: 21.07 min Scan# 2079

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

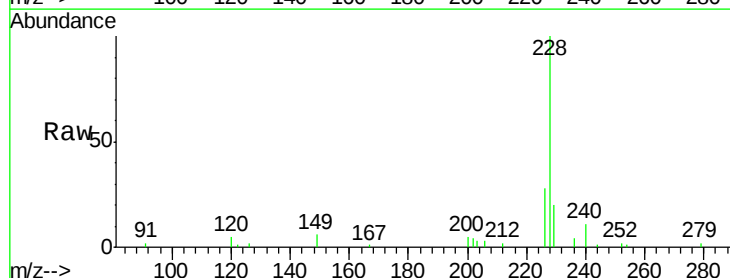
Tgt Ion:228 Resp: 9174

Ion Ratio Lower Upper

228 100

226 27.9 21.6 32.4

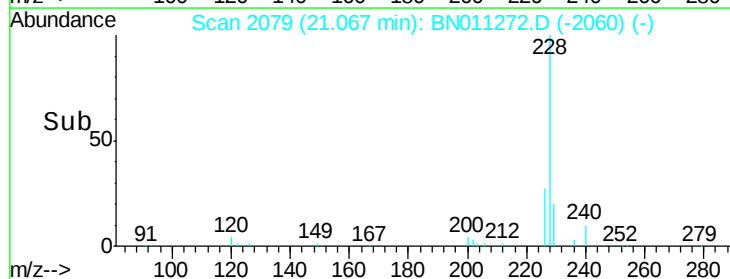
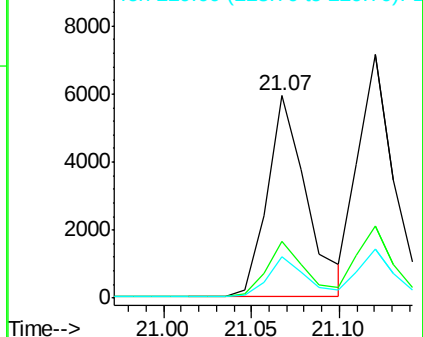
229 20.3 16.0 24.0

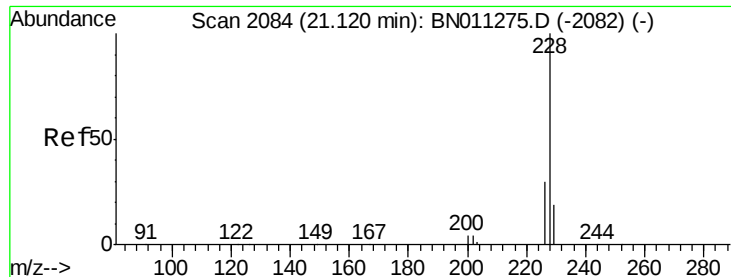


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.455 ng

RT: 21.12 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

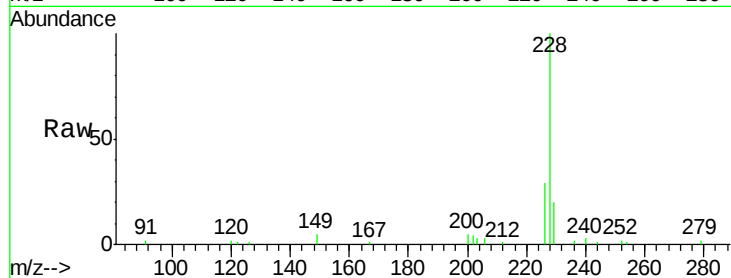
Tot Ion:228 Resp: 10286

Ion Ratio Lower Upper

228 100

226 29.5 24.3 36.5

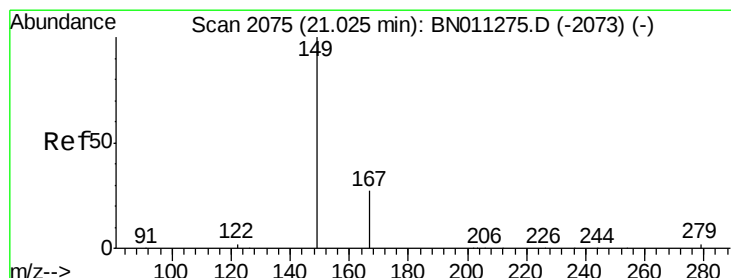
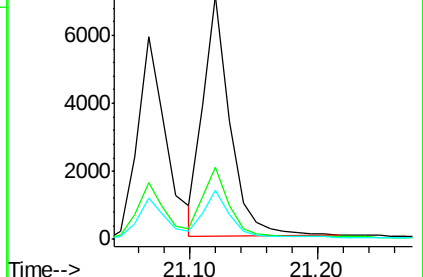
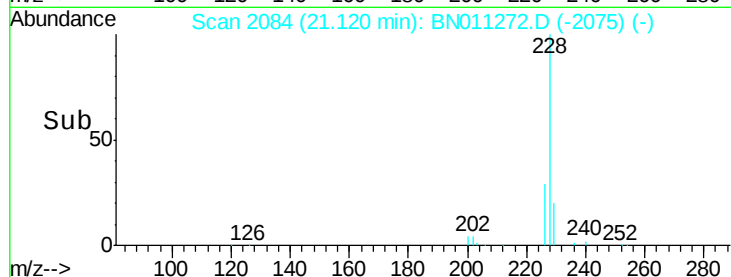
229 20.1 15.9 23.9



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.442 ng

RT: 21.02 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

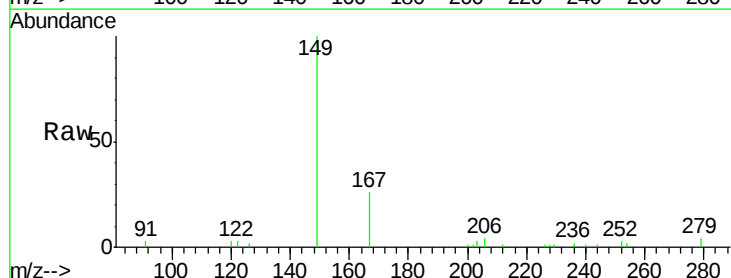
Tgt Ion:149 Resp: 4775

Ion Ratio Lower Upper

149 100

167 27.6 21.7 32.5

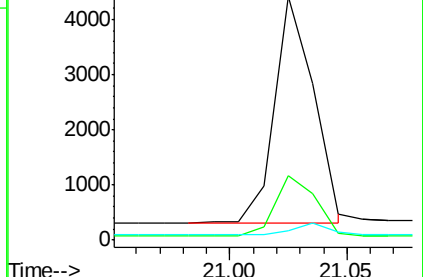
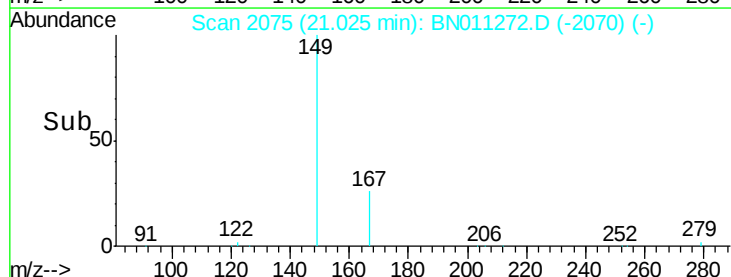
279 4.9 3.9 5.9

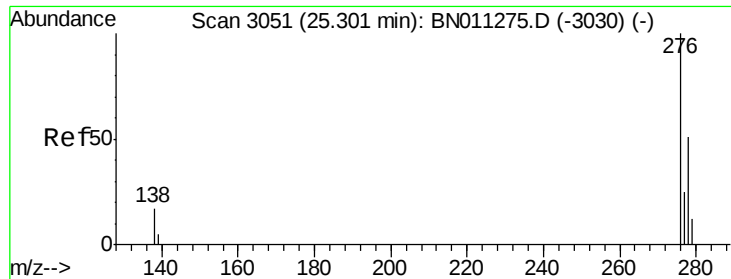


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

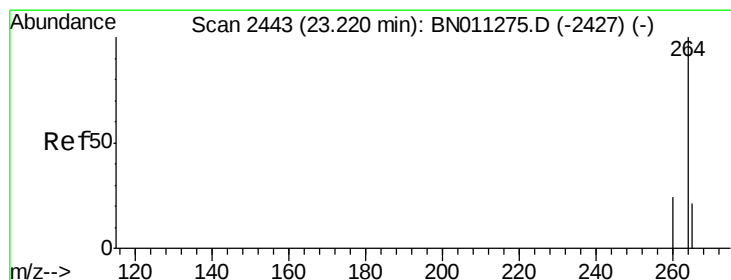
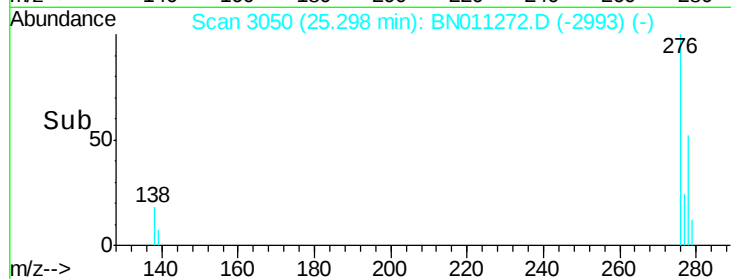
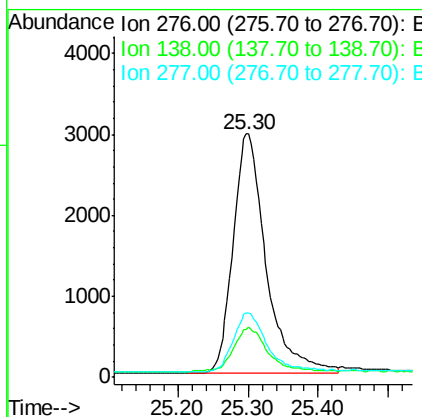
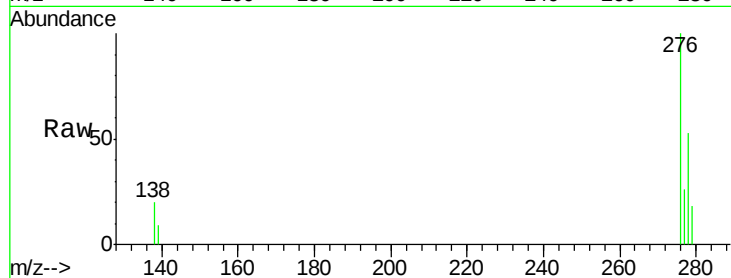




#35  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.439 ng  
 RT: 25.30 min Scan# 3050  
 Delta R.T. -0.00 min  
 Lab File: BN011272.D  
 Acq: 28 Jul 2020 09:47

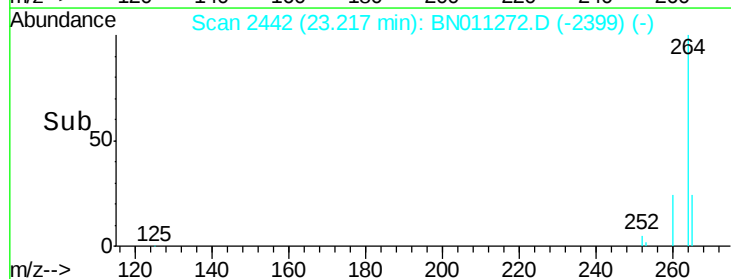
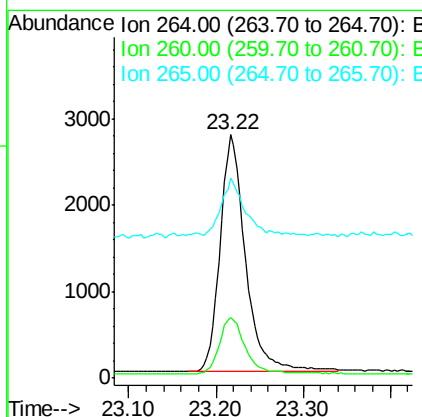
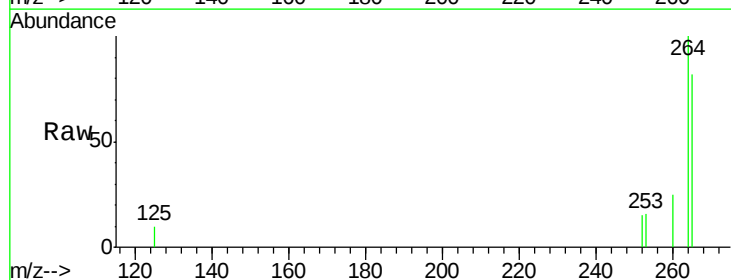
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTCCCC0.4

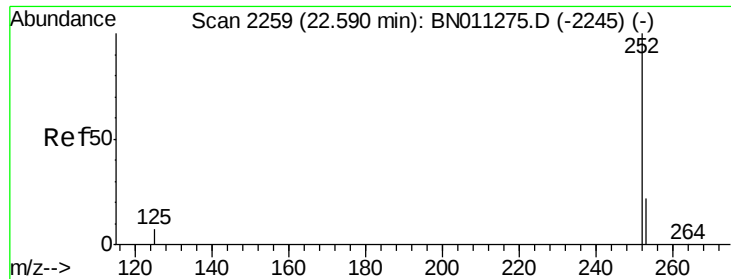
Tot Ion:276 Resp: 9681  
 Ion Ratio Lower Upper  
 276 100  
 138 19.9 13.6 20.4  
 277 25.2 19.7 29.5



#36  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.22 min Scan# 2442  
 Delta R.T. -0.00 min  
 Lab File: BN011272.D  
 Acq: 28 Jul 2020 09:47

Tgt Ion:264 Resp: 5575  
 Ion Ratio Lower Upper  
 264 100  
 260 25.0 20.1 30.1  
 265 82.4 70.7 106.1





#37

Benzo(b)fluoranthene

Concen: 0.414 ng

RT: 22.59 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

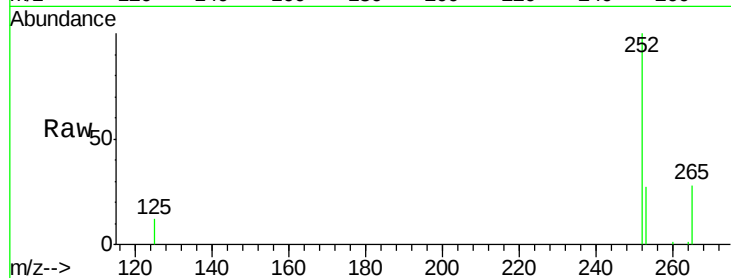
Tot Ion:252 Resp: 9211

Ion Ratio Lower Upper

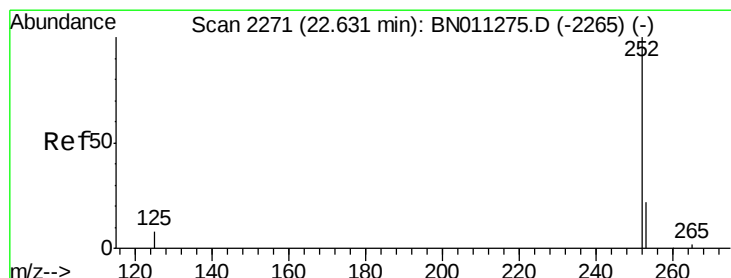
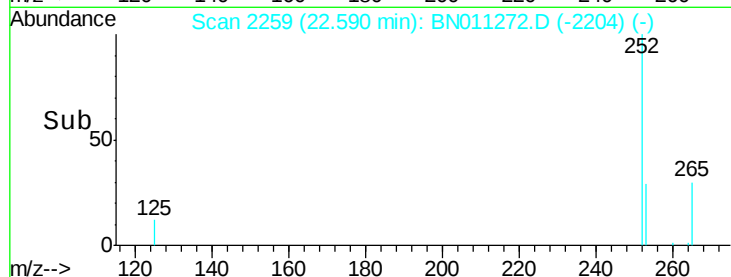
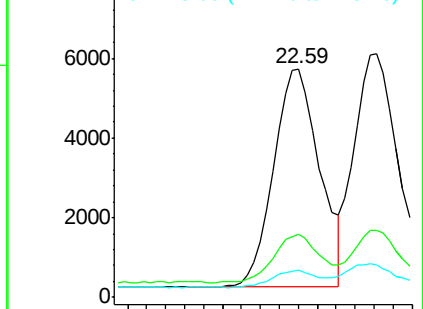
252 100

253 27.4 23.1 34.7

125 11.8 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

Benzo(k)fluoranthene

Concen: 0.410 ng

RT: 22.63 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

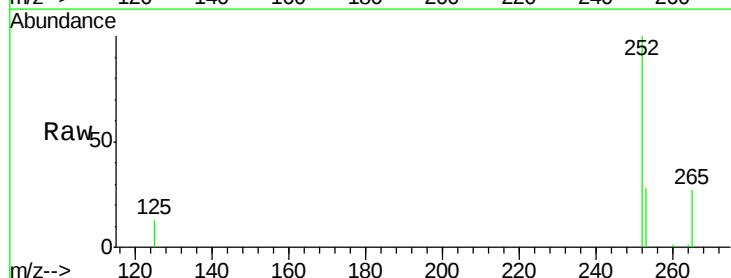
Tgt Ion:252 Resp: 10031

Ion Ratio Lower Upper

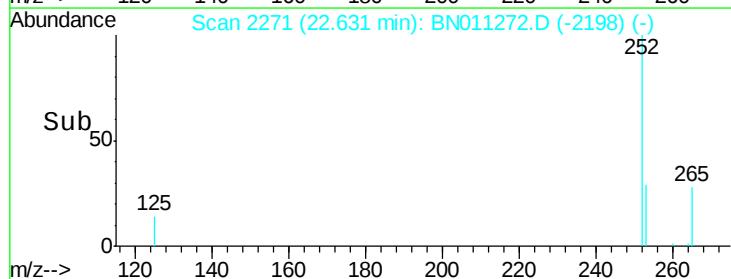
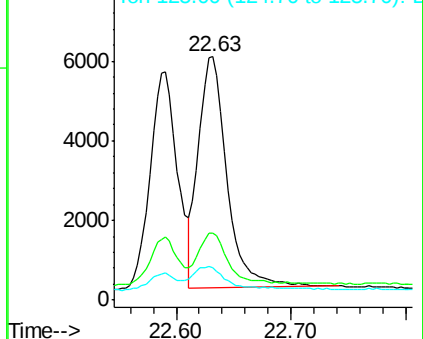
252 100

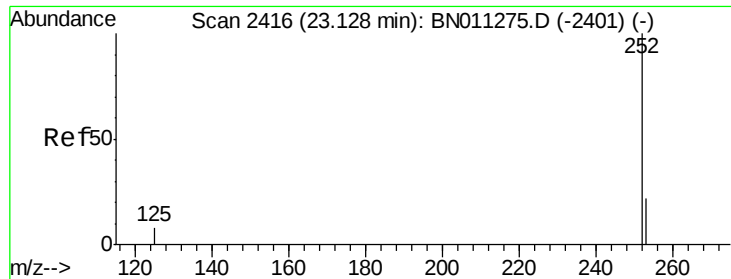
253 27.7 22.9 34.3

125 13.2 11.3 16.9



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





#39

Benzo(a)pyrene

Concen: 0.396 ng

RT: 23.12 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

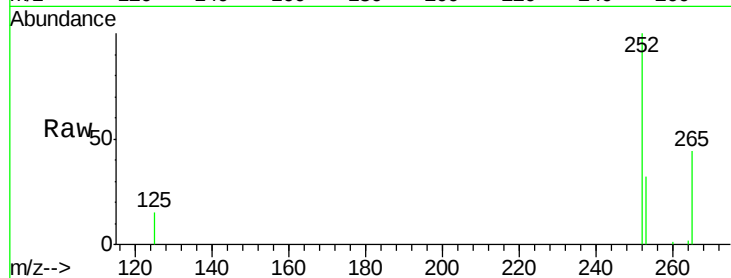
Tot Ion:252 Resp: 7647

Ion Ratio Lower Upper

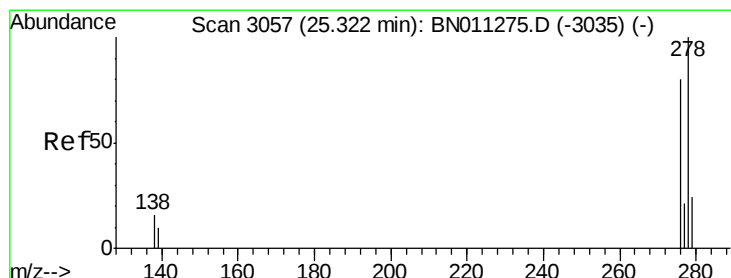
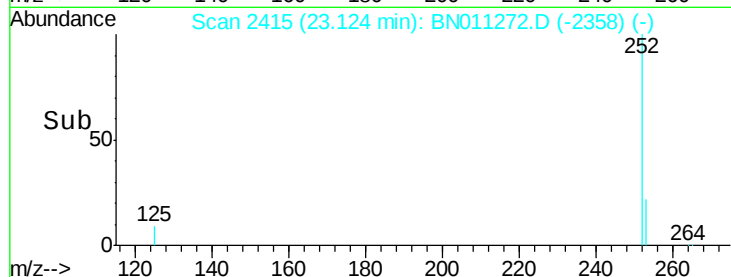
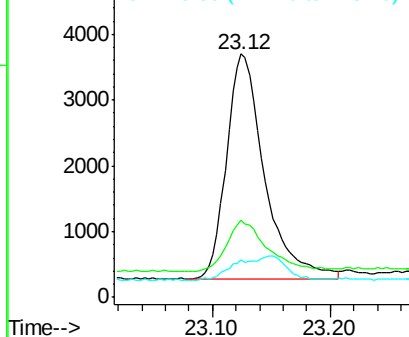
252 100

253 31.5 26.6 39.8

125 15.2 12.7 19.1



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



#40

Dibenzo(a,h)anthracene

Concen: 0.380 ng

RT: 25.31 min Scan# 3055

Delta R.T. -0.01 min

Lab File: BN011272.D

Acq: 28 Jul 2020 09:47

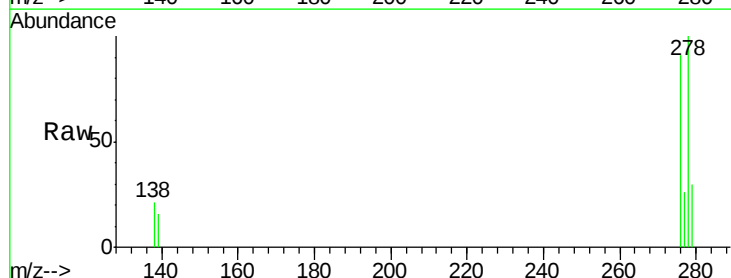
Tgt Ion:278 Resp: 7584

Ion Ratio Lower Upper

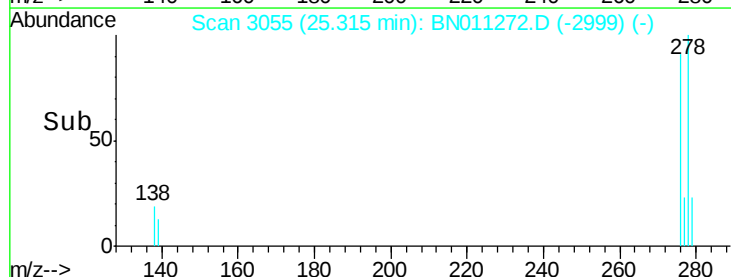
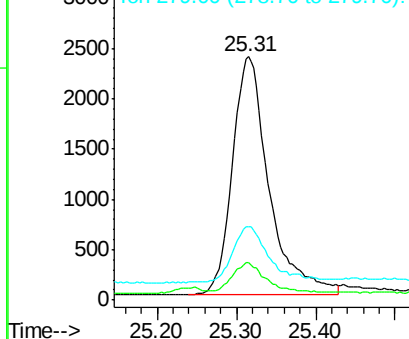
278 100

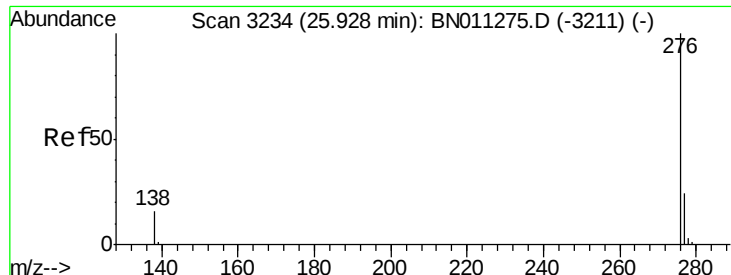
139 15.6 12.4 18.6

279 30.0 25.8 38.6



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





#41

Benzo(a,h,i)perylene

Concen: 0.449 ng

RT: 25.92 min Scan# 3233

Delta R.T. -0.00 min

Lab File: BN011272.D

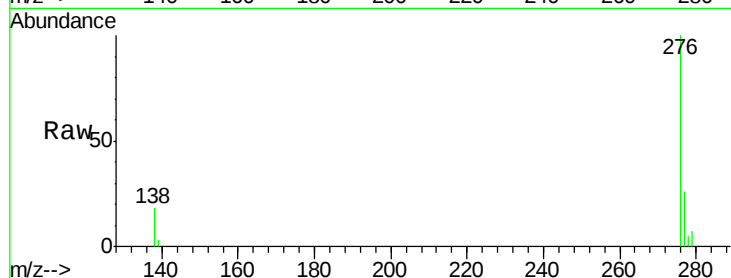
Acq: 28 Jul 2020 09:47

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4



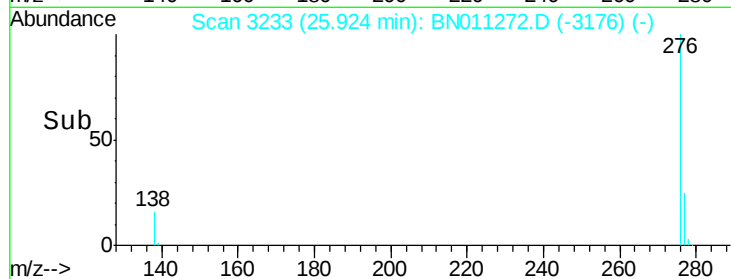
Tot Ion: 276 Resp: 9926

Ion Ratio Lower Upper

276 100

277 26.3 21.0 31.6

138 17.6 15.0 22.6



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

