

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\  
 Data File : BN011674.D  
 Acq On : 27 Aug 2020 21:43  
 Operator : CG/JU  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDC00.4

Quant Time: Aug 28 00:40:39 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 27 14:34:48 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.75  | 152  | 2081     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.53 | 136  | 7875     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.38 | 164  | 4798     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.13 | 188  | 10665    | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12          | 21.32 | 240  | 10938    | 0.40 | ng    | 0.00     |
| 36) Perylene-d12          | 23.58 | 264  | 11752    | 0.40 | ng    | -0.01    |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.34  | 112 | 2175  | 0.37 | ng | 0.00  |
| 5) Phenol-d6                | 6.90  | 99  | 2932  | 0.37 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.88  | 82  | 2800  | 0.37 | ng | 0.00  |
| 11) 2-Methylnaphthalene-d10 | 12.12 | 152 | 5120  | 0.36 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 15.87 | 330 | 806   | 0.35 | ng | -0.01 |
| 15) 2-Fluorobiphenyl        | 13.00 | 172 | 7347  | 0.36 | ng | 0.00  |
| 27) Fluoranthene-d10        | 19.16 | 212 | 11932 | 0.35 | ng | 0.00  |
| 31) Terphenyl-d14           | 19.77 | 244 | 10453 | 0.39 | ng | 0.00  |

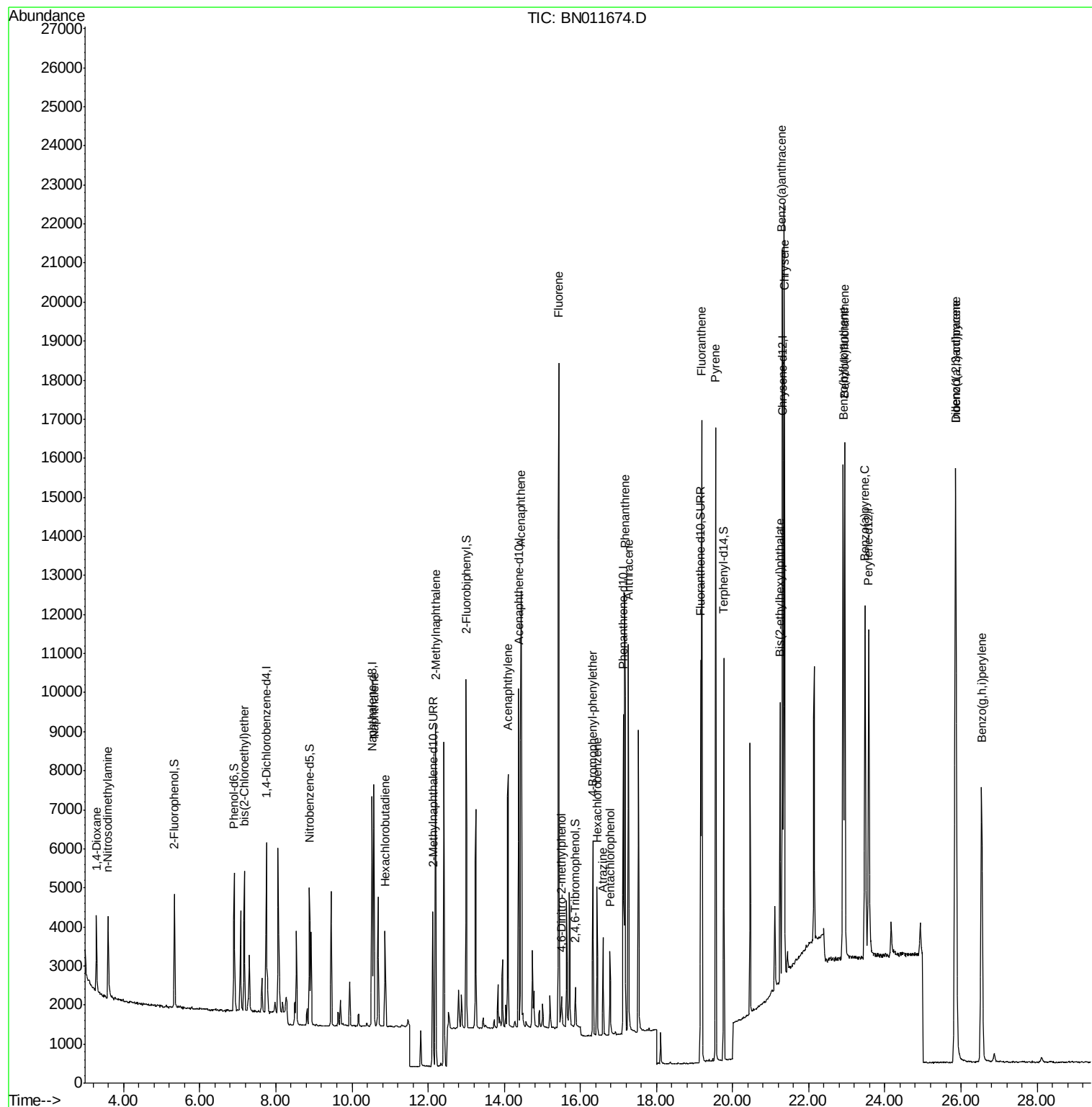
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.29  | 88  | 1282  | 0.383  | ng | 94   |
| 3) n-Nitrosodimethylamine      | 3.59  | 42  | 1534  | 0.397  | ng | # 96 |
| 6) bis(2-Chloroethyl)ether     | 7.17  | 93  | 2417  | 0.372  | ng | 100  |
| 9) Naphthalene                 | 10.58 | 128 | 8242  | 0.366  | ng | 99   |
| 10) Hexachlorobutadiene        | 10.87 | 225 | 1877  | 0.379  | ng | # 98 |
| 12) 2-Methylnaphthalene        | 12.19 | 142 | 5794  | 0.361  | ng | 97   |
| 16) Acenaphthylene             | 14.10 | 152 | 8163  | 0.349  | ng | 100  |
| 17) Acenaphthene               | 14.45 | 154 | 5794  | 0.359  | ng | 99   |
| 18) Fluorene                   | 15.44 | 166 | 7286  | 0.352  | ng | 99   |
| 20) 4,6-Dinitro-2-methylphenol | 15.50 | 198 | 592   | 0.360  | ng | # 59 |
| 21) 4-Bromophenyl-phenylether  | 16.32 | 248 | 2232  | 0.357  | ng | 89   |
| 22) Hexachlorobenzene          | 16.43 | 284 | 2803  | 0.364  | ng | 100  |
| 23) Atrazine                   | 16.59 | 200 | 1881  | 0.343  | ng | 97   |
| 24) Pentachlorophenol          | 16.77 | 266 | 1070  | 0.349  | ng | 98   |
| 25) Phenanthrene               | 17.16 | 178 | 12303 | 0.357  | ng | 100  |
| 26) Anthracene                 | 17.26 | 178 | 10552 | 0.345  | ng | 99   |
| 28) Fluoranthene               | 19.19 | 202 | 14414 | 0.353  | ng | 100  |
| 30) Pyrene                     | 19.55 | 202 | 14554 | 0.383  | ng | 100  |
| 32) Benzo(a)anthracene         | 21.30 | 228 | 14292 | 0.366  | ng | 99   |
| 33) Chrysene                   | 21.35 | 228 | 15123 | 0.375  | ng | 98   |
| 34) Bis(2-ethylhexyl)phthalate | 21.25 | 149 | 5600  | 0.353  | ng | 99   |
| 35) Indeno(1,2,3-cd)pyrene     | 25.85 | 276 | 19309 | 0.368  | ng | 100  |
| 37) Benzo(b)fluoranthene       | 22.90 | 252 | 15630 | 0.347  | ng | 100  |
| 38) Benzo(k)fluoranthene       | 22.94 | 252 | 16363 | 0.355  | ng | 99   |
| 39) Benzo(a)pyrene             | 23.48 | 252 | 13724 | 0.341  | ng | 98   |
| 40) Dibenzo(a,h)anthracene     | 25.86 | 278 | 15818 | 0.348  | ng | 98   |
| 41) Benzo(g,h,i)perylene       | 26.54 | 276 | 15254 | 0.342  | ng | 99   |

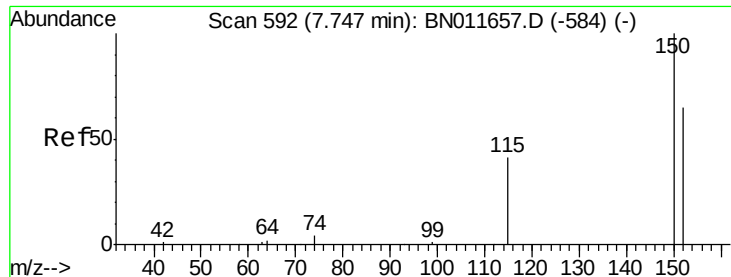
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\  
Data File : BN011674.D  
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Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Quant Time: Aug 28 00:40:39 2020  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 27 14:34:48 2020  
Response via : Initial Calibration



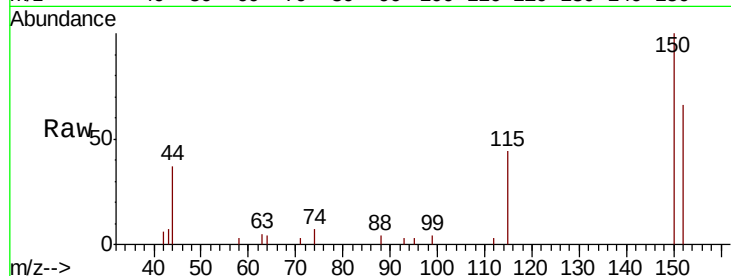


#1

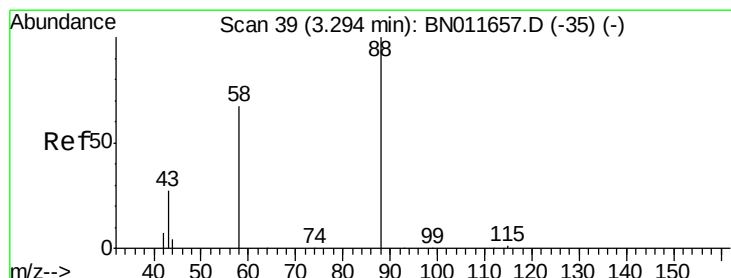
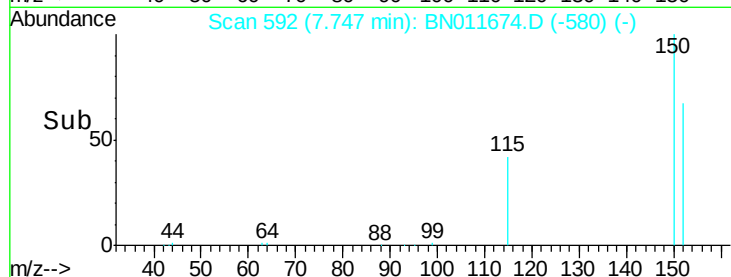
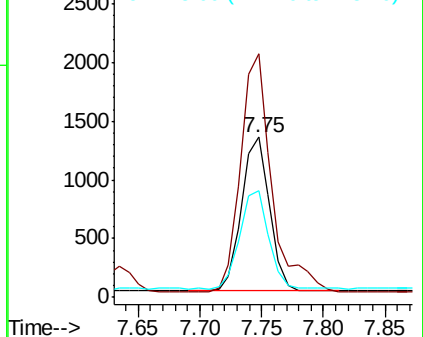
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.75 min Scan# 592  
Delta R.T. 0.00 min  
Lab File: BN011674.D  
Acq: 27 Aug 2020 21:43

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tot Ion:152 Resp: 2081  
Ion Ratio Lower Upper  
152 100  
150 151.9 121.0 181.6  
115 66.2 52.6 78.8



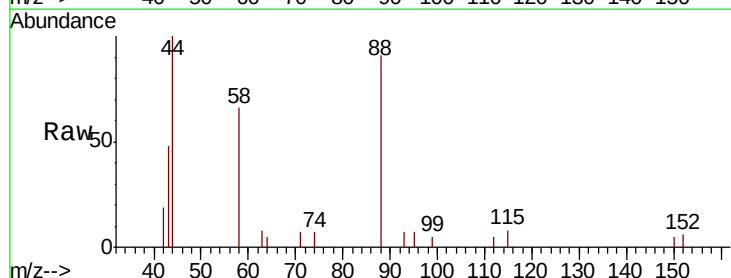
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



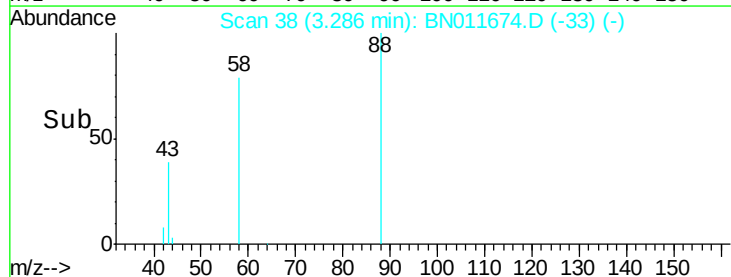
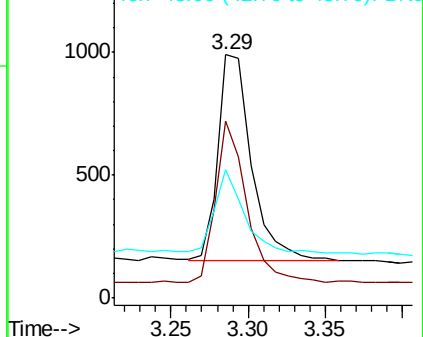
#2

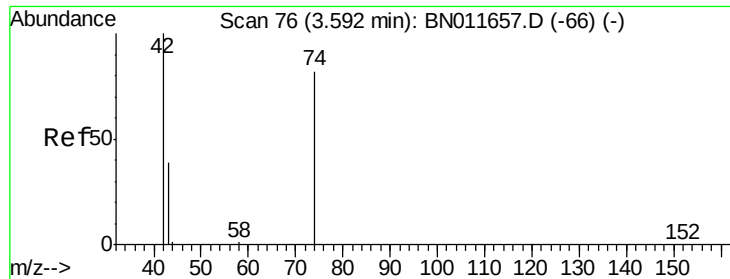
1,4-Dioxane  
Concen: 0.383 ng  
RT: 3.29 min Scan# 38  
Delta R.T. -0.01 min  
Lab File: BN011674.D  
Acq: 27 Aug 2020 21:43

Tgt Ion: 88 Resp: 1282  
Ion Ratio Lower Upper  
88 100  
58 70.5 61.4 92.0  
43 35.9 29.8 44.8



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: 0.397 ng

RT: 3.59 min Scan# 76

Delta R.T. 0.00 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

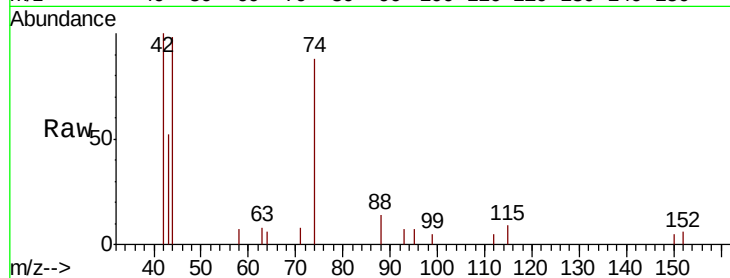
Tot Ion: 42 Resp: 1534

Ion Ratio Lower Upper

42 100

74 99.3 79.0 118.6

44 23.4 8.1 12.1#

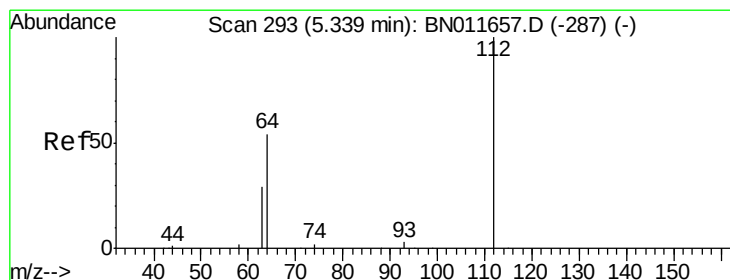
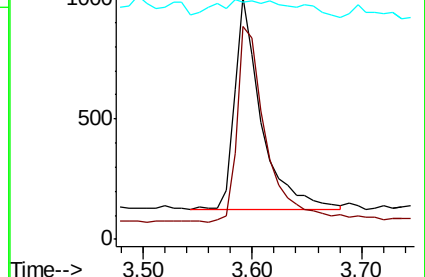
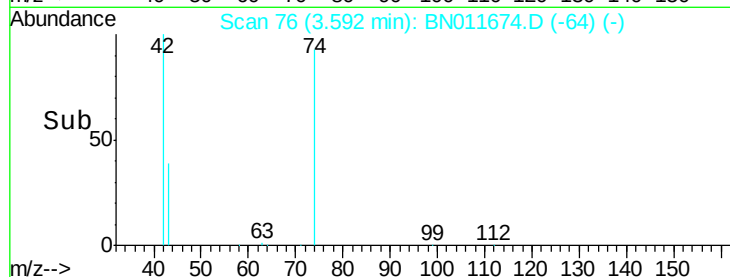


Abundance Ion 42.00 (41.70 to 42.70): BN011657.D (-66) (-)

Ion 74.00 (73.70 to 74.70): BN011657.D (-66) (-)

Ion 44.00 (43.70 to 44.70): BN011657.D (-66) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.370 ng

RT: 5.34 min Scan# 293

Delta R.T. 0.00 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

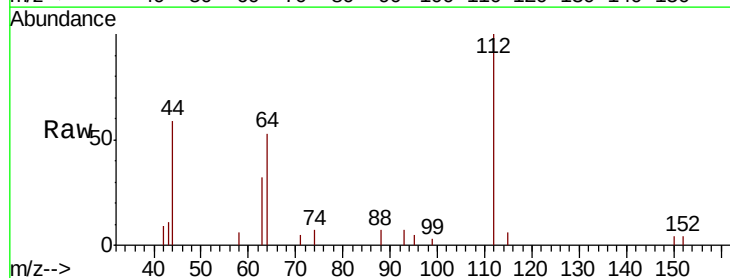
Tgt Ion: 112 Resp: 2175

Ion Ratio Lower Upper

112 100

64 62.9 49.7 74.5

63 35.9 29.4 44.0

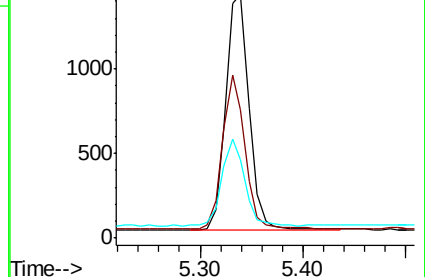
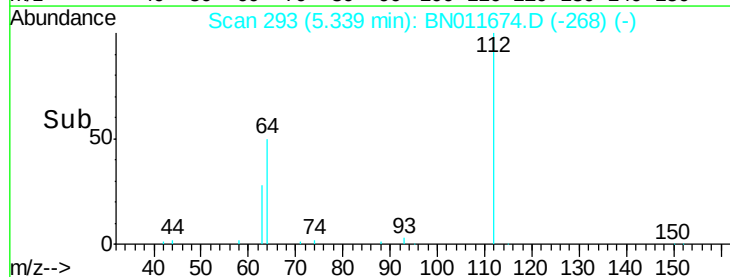


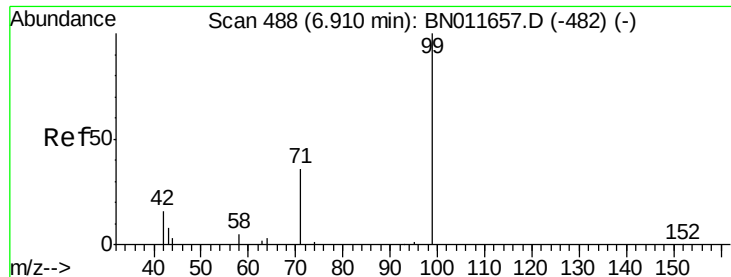
Abundance Ion 112.00 (111.70 to 112.70): BN011657.D (-287) (-)

Ion 64.00 (63.70 to 64.70): BN011657.D (-287) (-)

Ion 63.00 (62.70 to 63.70): BN011657.D (-287) (-)

Time-->





#5

Phenol-d6

Concen: 0.367 ng

RT: 6.90 min Scan# 487

Delta R.T. -0.01 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

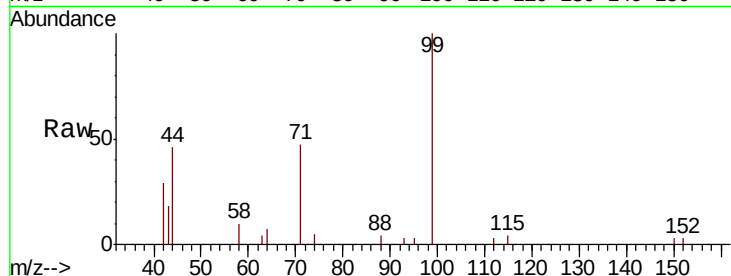
Tot Ion: 99 Resp: 2932

Ion Ratio Lower Upper

99 100

42 24.6 20.2 30.2

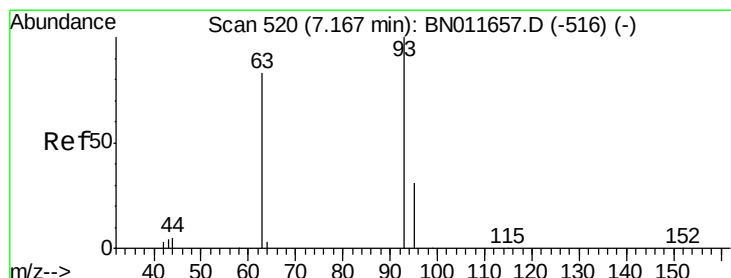
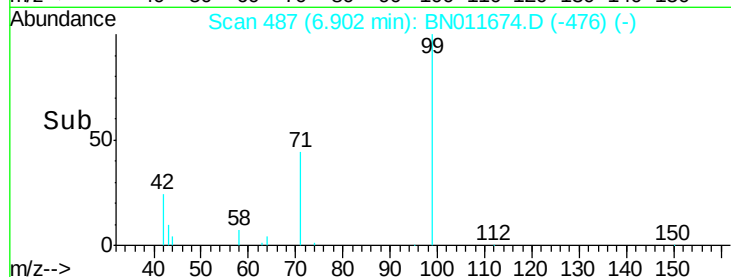
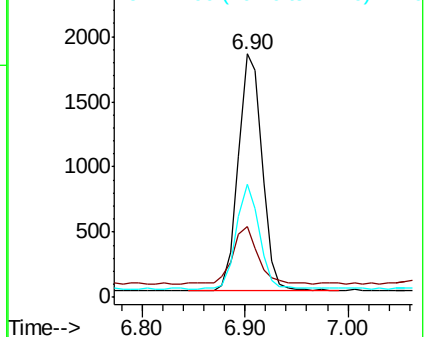
71 43.2 33.3 49.9



Abundance Ion 99.00 (98.70 to 99.70): BN011674.D (-482) (-)

Ion 42.00 (41.70 to 42.70): BN011674.D (-482) (-)

Ion 71.00 (70.70 to 71.70): BN011674.D (-482) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.372 ng

RT: 7.17 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

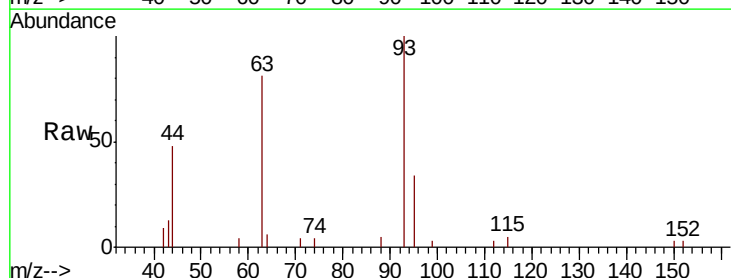
Tgt Ion: 93 Resp: 2417

Ion Ratio Lower Upper

93 100

63 78.2 62.2 93.4

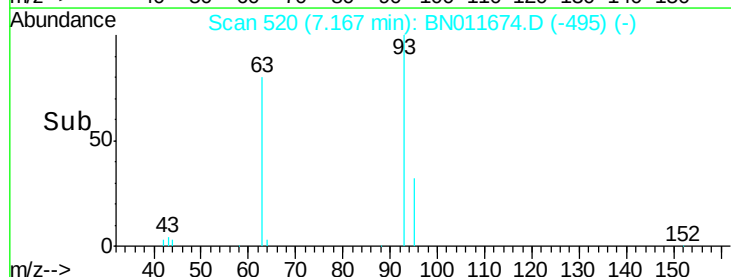
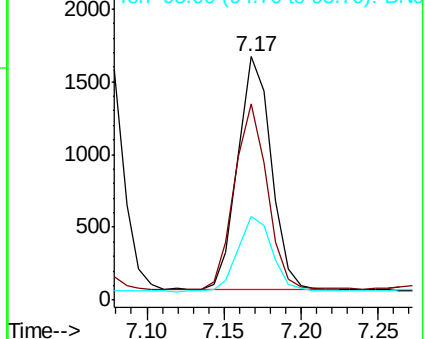
95 33.2 26.6 39.8

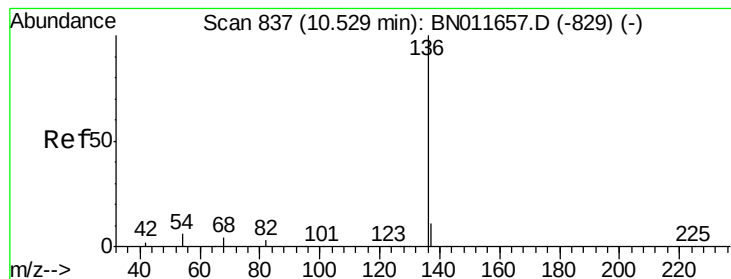


Abundance Ion 93.00 (92.70 to 93.70): BN011674.D (-516) (-)

Ion 63.00 (62.70 to 63.70): BN011674.D (-516) (-)

Ion 95.00 (94.70 to 95.70): BN011674.D (-516) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 7875

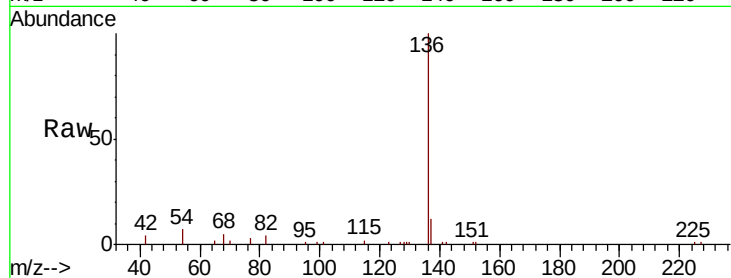
Ion Ratio Lower Upper

136 100

137 12.0 9.3 13.9

54 6.8 5.8 8.8

68 4.6 4.1 6.1

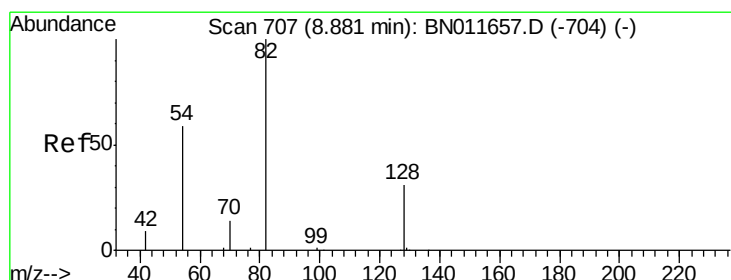
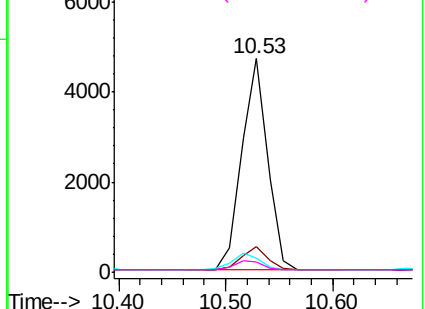
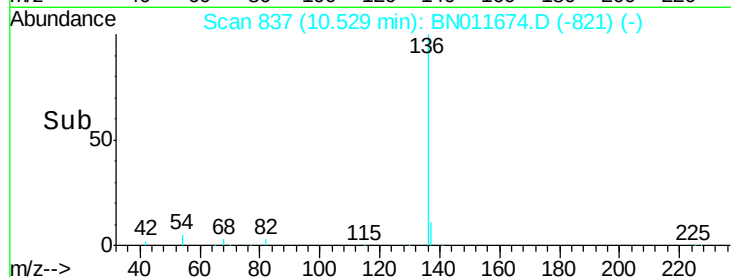


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.367 ng

RT: 8.88 min Scan# 707

Delta R.T. 0.00 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

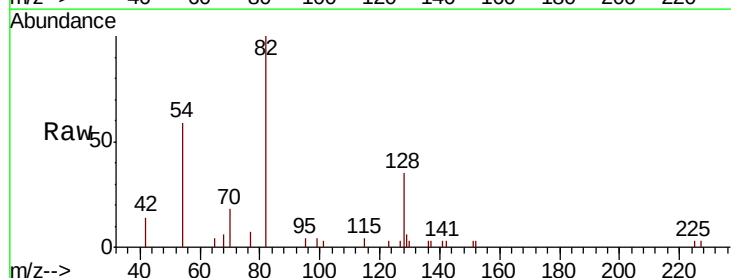
Tgt Ion: 82 Resp: 2800

Ion Ratio Lower Upper

82 100

128 35.2 26.2 39.2

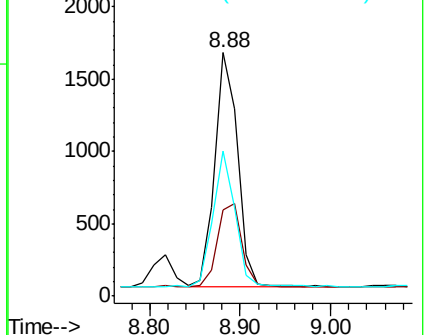
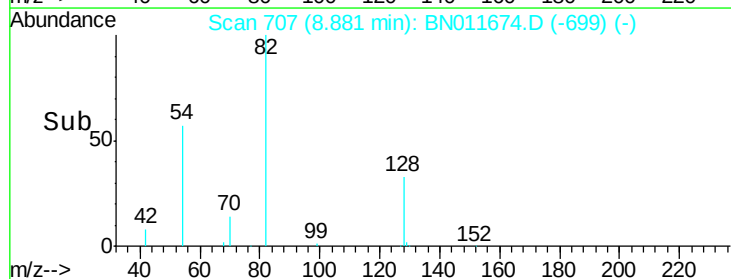
54 59.3 48.2 72.4

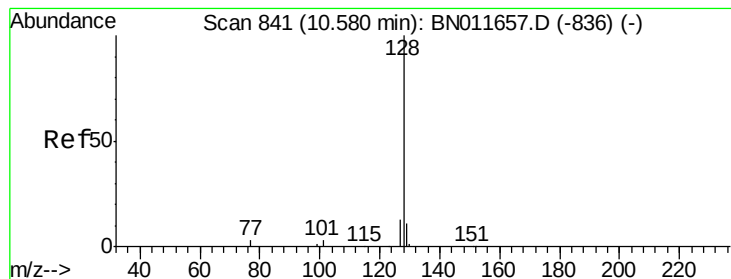


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.366 ng

RT: 10.58 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

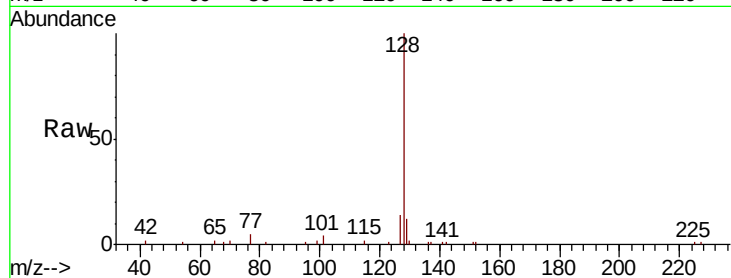
Tot Ion:128 Resp: 8242

Ion Ratio Lower Upper

128 100

129 12.2 9.4 14.2

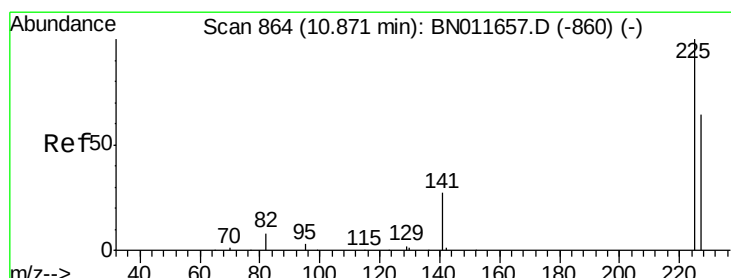
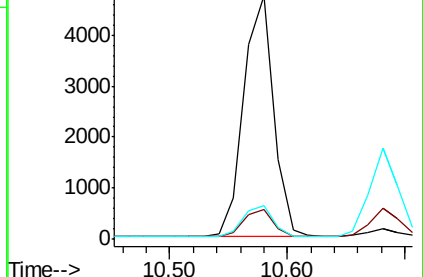
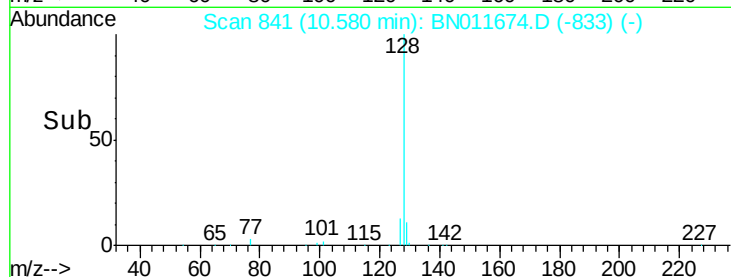
127 13.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.379 ng

RT: 10.87 min Scan# 864

Delta R.T. 0.00 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

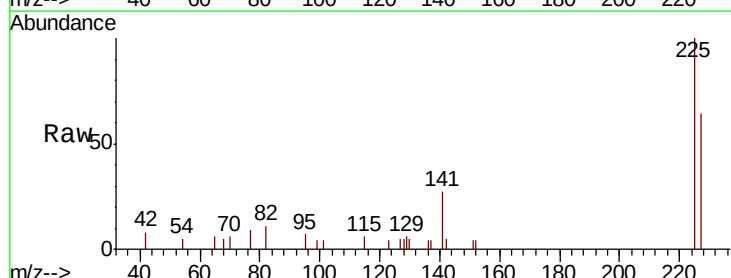
Tgt Ion:225 Resp: 1877

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

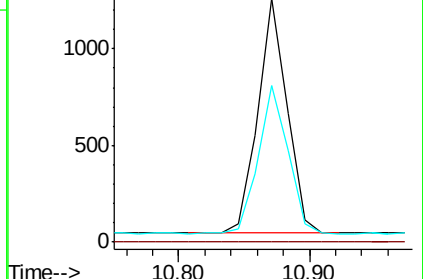
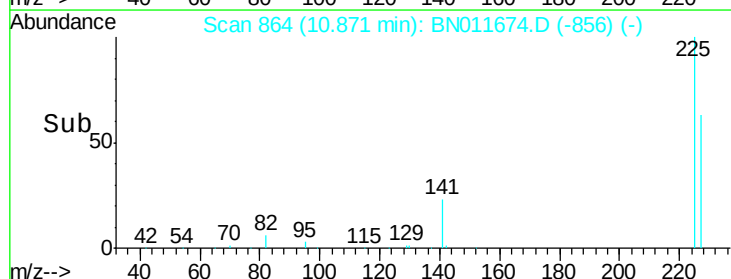
227 64.0 52.3 78.5

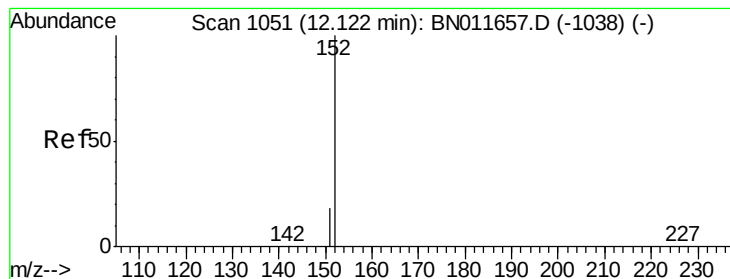


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

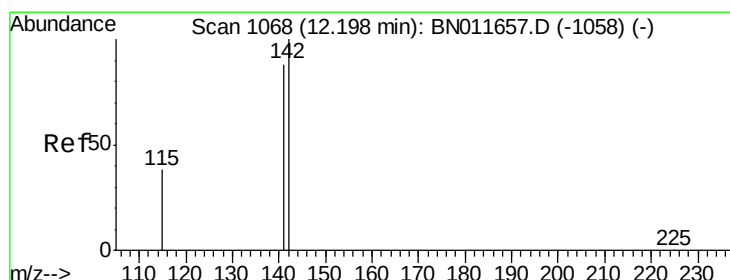
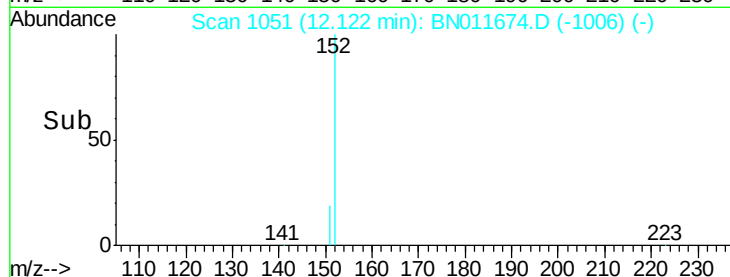
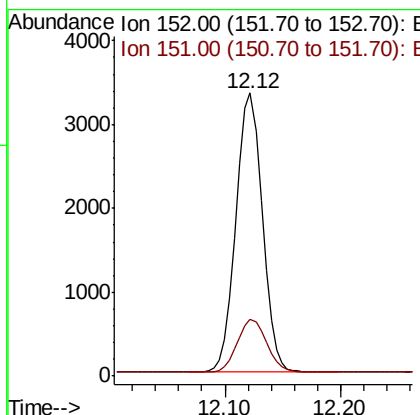
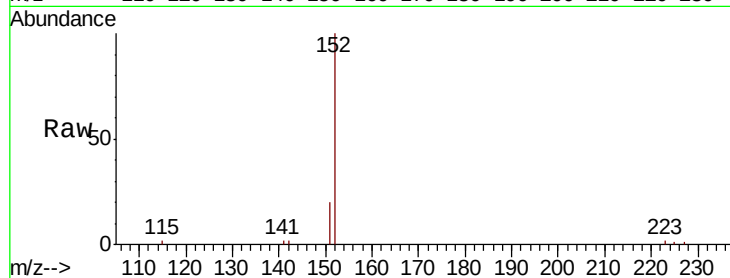




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.361 ng  
 RT: 12.12 min Scan# 1051  
 Delta R.T. 0.00 min  
 Lab File: BN011674.D  
 Acq: 27 Aug 2020 21:43

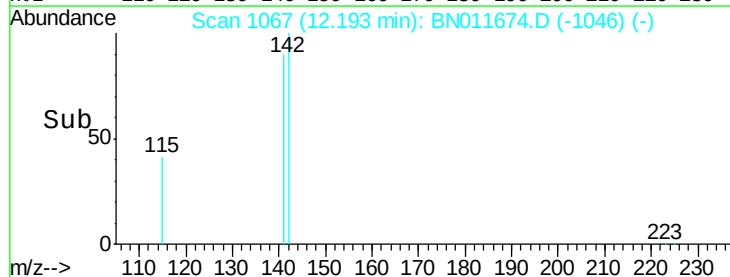
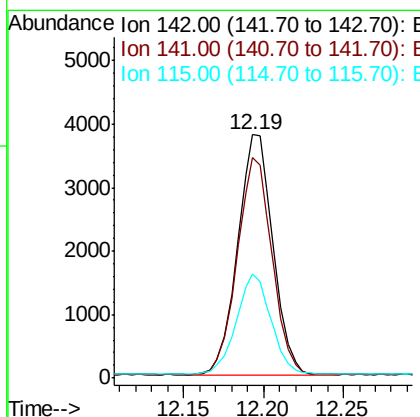
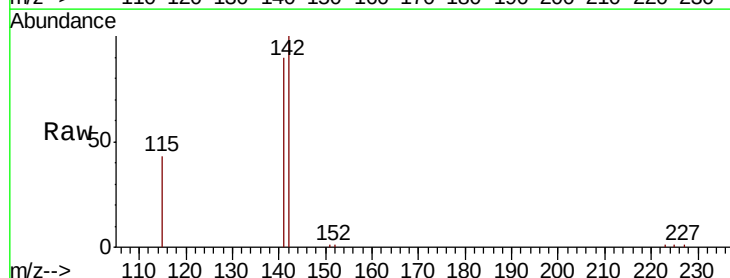
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Tot Ion:152 Resp: 5120  
 Ion Ratio Lower Upper  
 152 100  
 151 20.8 16.7 25.1

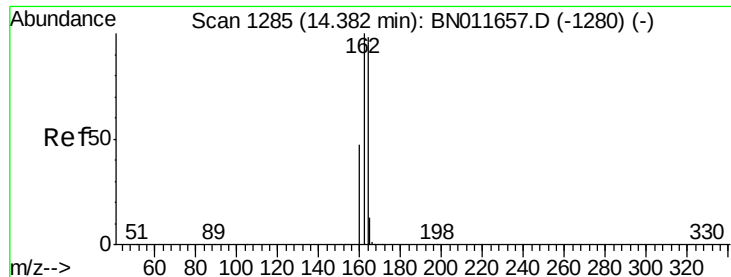


#12  
 2-Methylnaphthalene  
 Concen: 0.361 ng  
 RT: 12.19 min Scan# 1067  
 Delta R.T. -0.00 min  
 Lab File: BN011674.D  
 Acq: 27 Aug 2020 21:43

Tgt Ion:142 Resp: 5794  
 Ion Ratio Lower Upper  
 142 100  
 141 90.4 70.6 106.0  
 115 42.6 31.3 46.9







#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

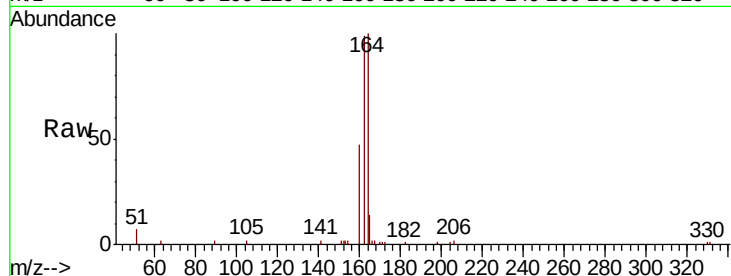
Tot Ion:164 Resp: 4798

Ion Ratio Lower Upper

164 100

162 99.2 81.4 122.0

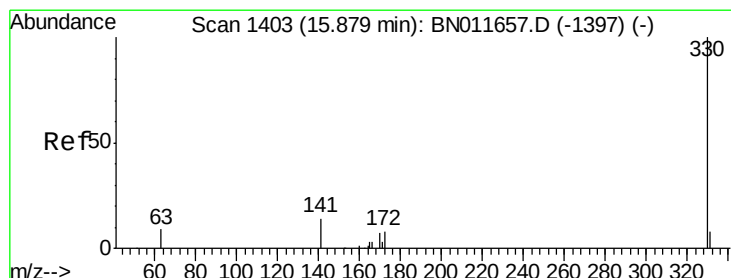
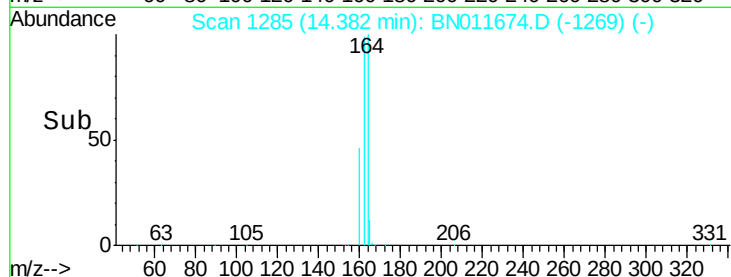
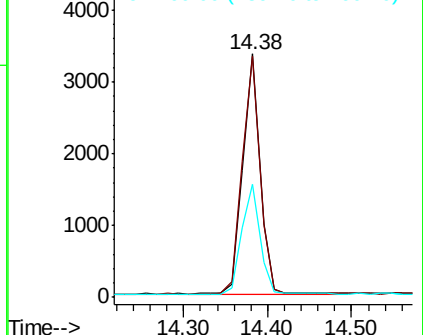
160 46.6 38.5 57.7



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: 0.346 ng

RT: 15.87 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

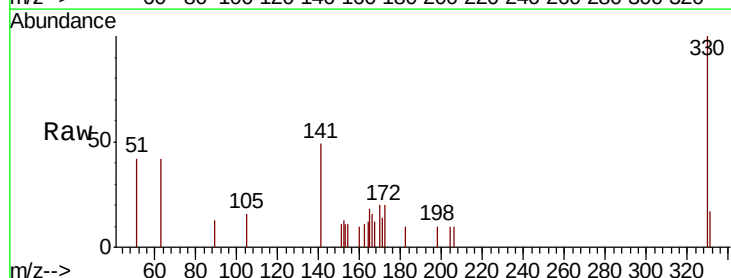
Tgt Ion:330 Resp: 806

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

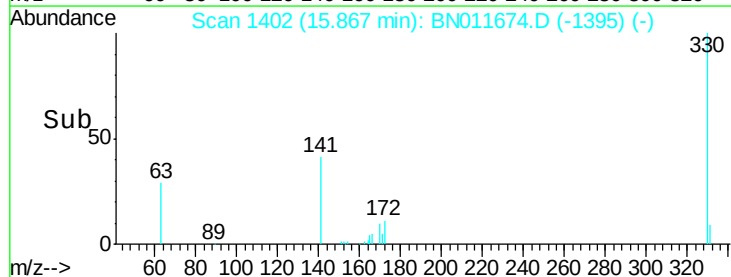
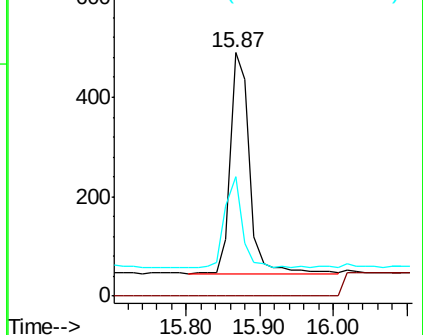
141 37.8 30.0 45.0

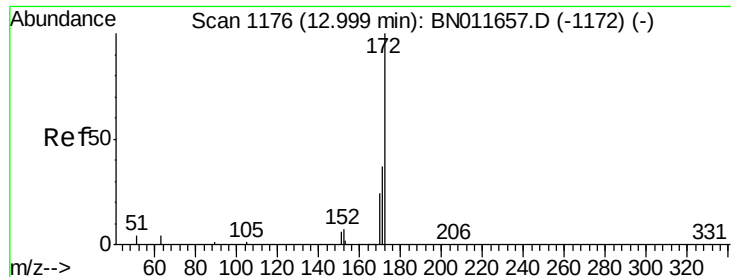


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

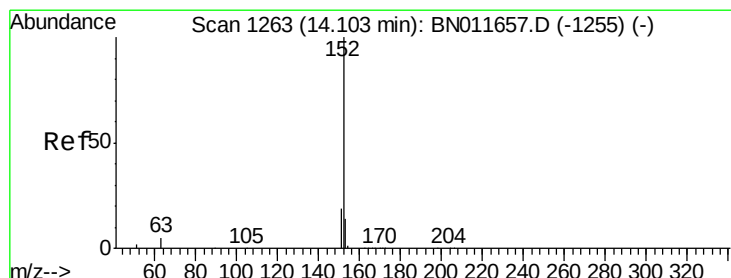
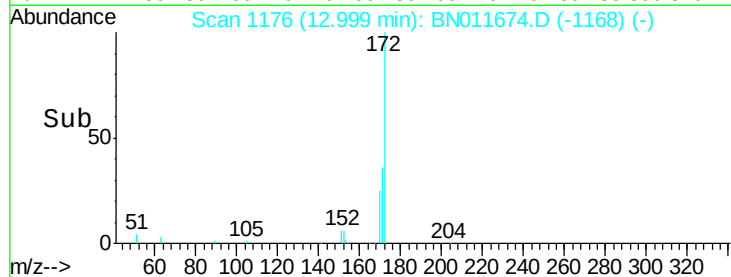
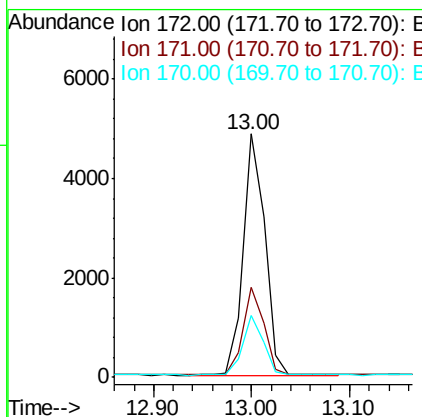
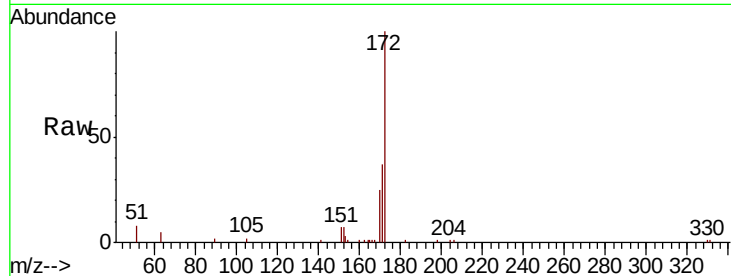




#15  
2-Fluorobiphenyl  
Concen: 0.362 ng  
RT: 13.00 min Scan# 1176  
Delta R.T. 0.00 min  
Lab File: BN011674.D  
Acq: 27 Aug 2020 21:43

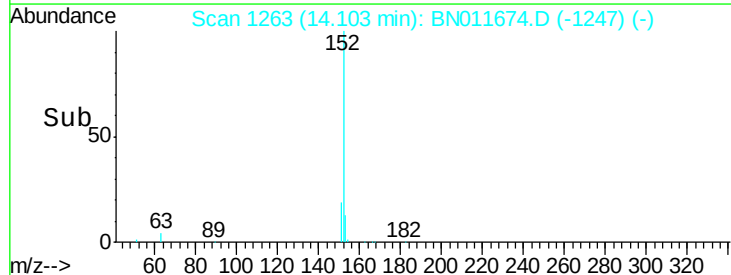
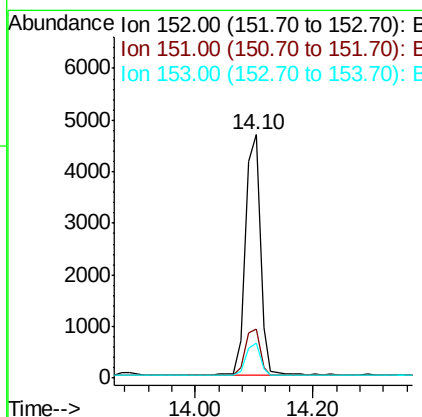
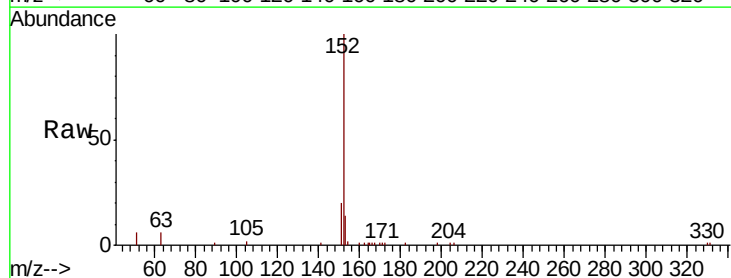
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

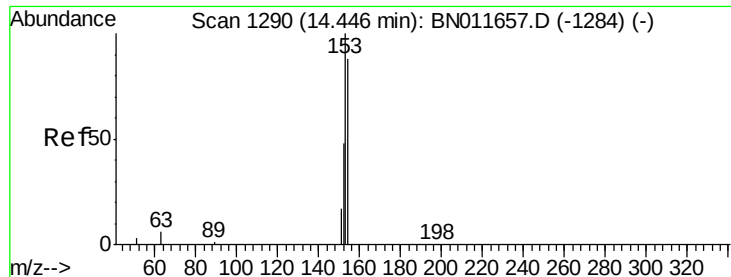
Tot Ion:172 Resp: 7347  
Ion Ratio Lower Upper  
172 100  
171 36.7 30.0 45.0  
170 25.3 20.1 30.1



#16  
Acenaphthylene  
Concen: 0.349 ng  
RT: 14.10 min Scan# 1263  
Delta R.T. 0.00 min  
Lab File: BN011674.D  
Acq: 27 Aug 2020 21:43

Tgt Ion:152 Resp: 8163  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.6 23.4  
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.359 ng

RT: 14.45 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

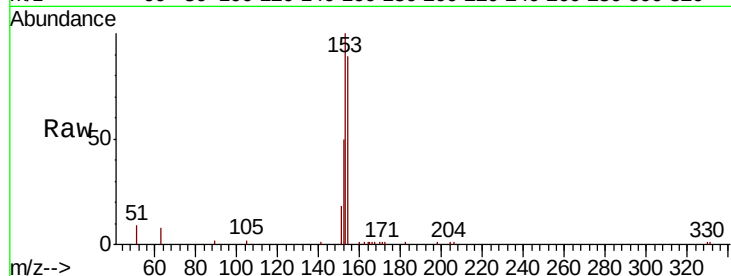
Tot Ion:154 Resp: 5794

Ion Ratio Lower Upper

154 100

153 110.9 89.2 133.8

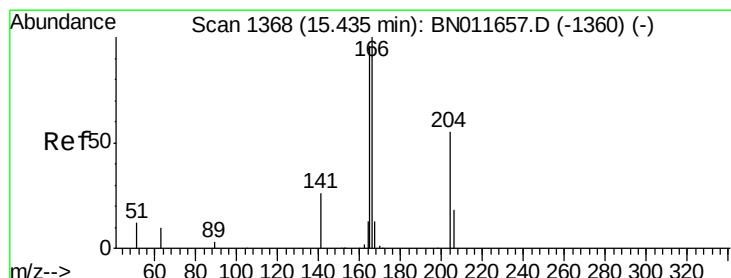
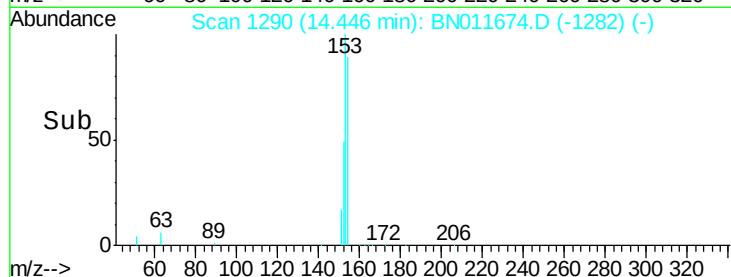
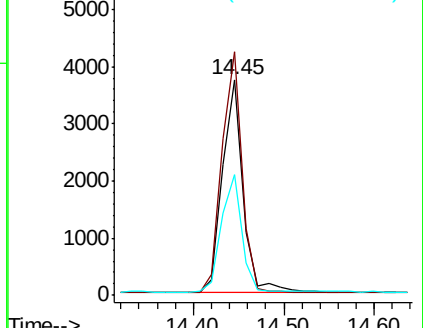
152 55.3 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.352 ng

RT: 15.44 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

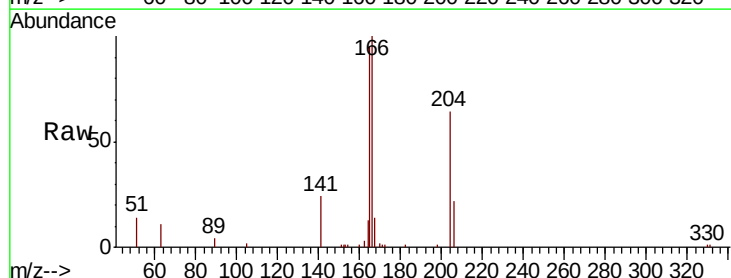
Tgt Ion:166 Resp: 7286

Ion Ratio Lower Upper

166 100

165 98.5 77.7 116.5

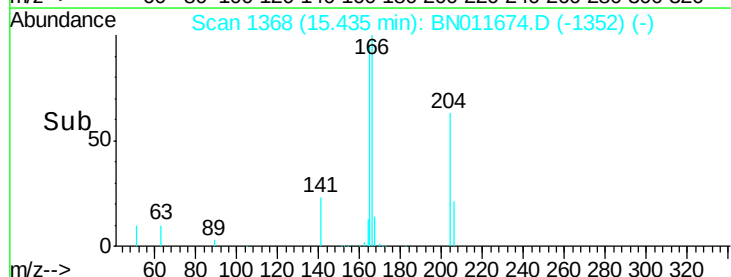
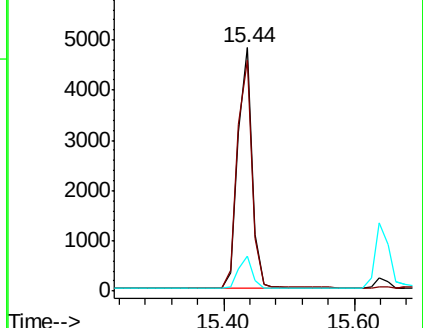
167 13.5 11.0 16.4

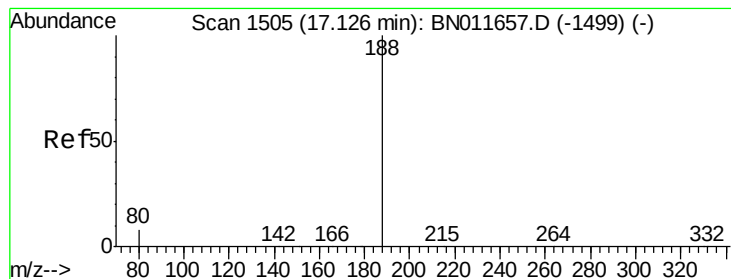


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.13 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

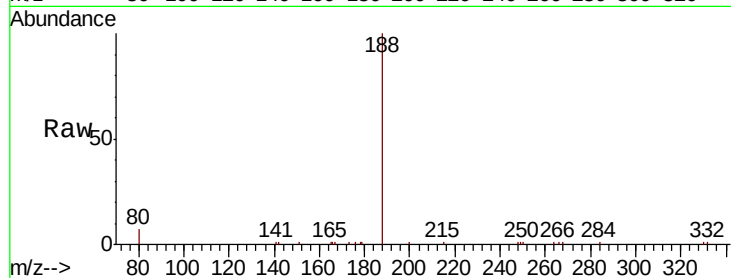
Tot Ion:188 Resp: 10665

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.5 6.6 9.8



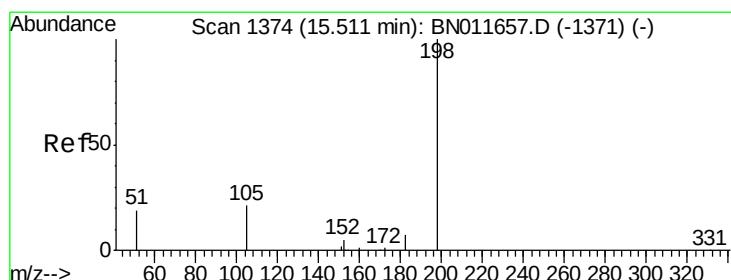
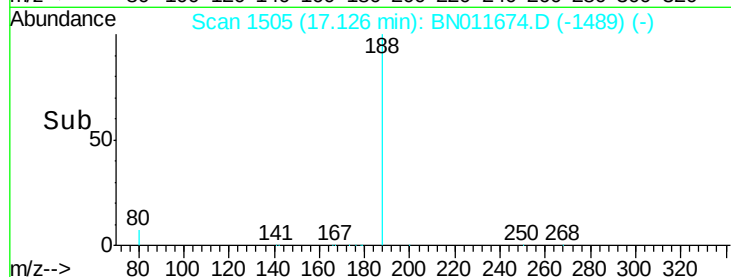
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

17.13

Time--> 17.00 17.10 17.20



#20

4,6-Dinitro-2-methylphenol

Concen: 0.360 ng

RT: 15.50 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

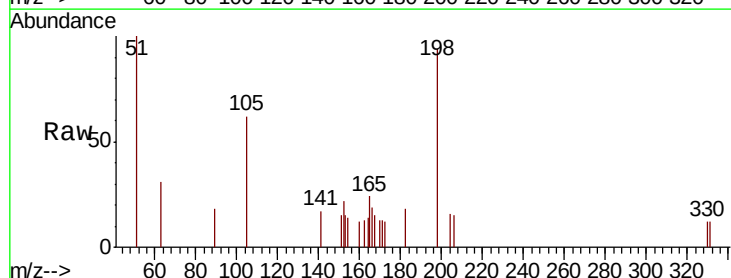
Tgt Ion:198 Resp: 592

Ion Ratio Lower Upper

198 100

51 106.6 58.6 87.8#

105 65.9 31.7 47.5#



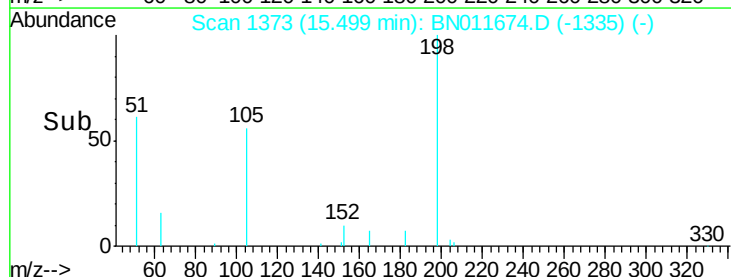
Abundance Ion 198.00 (197.70 to 198.70): E

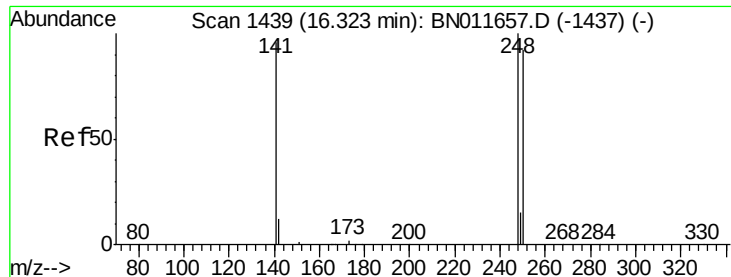
Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

15.50

Time--> 15.40 15.50 15.60





#21

4-Bromophenyl-phenylether

Concen: 0.357 ng

RT: 16.32 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

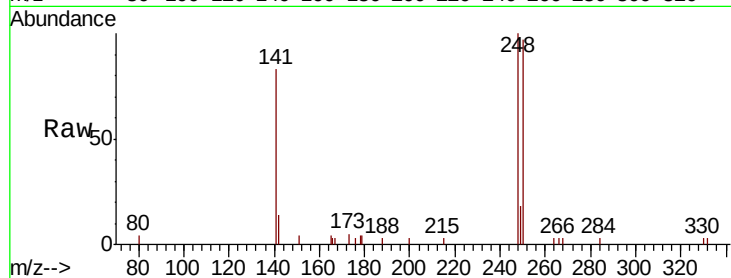
Tot Ion:248 Resp: 2232

Ion Ratio Lower Upper

248 100

250 96.6 73.9 110.9

141 83.0 79.8 119.6



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

16.32

1500

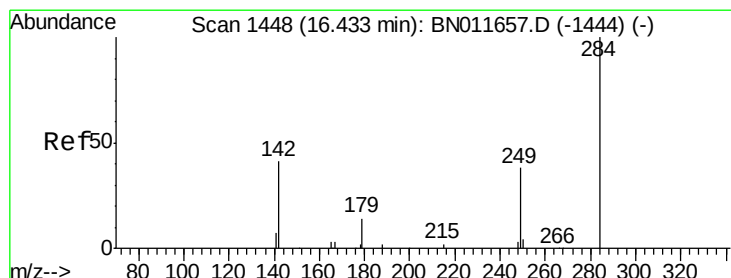
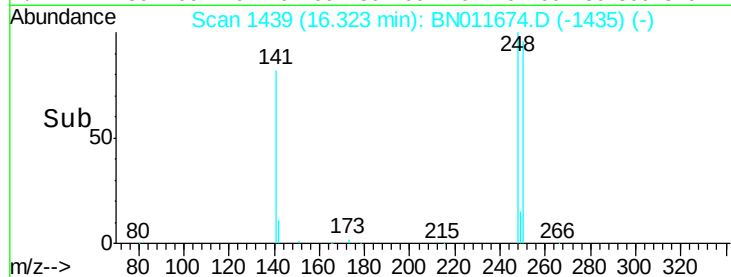
1000

500

0

16.30 16.35 16.40

Time-->



#22

Hexachlorobenzene

Concen: 0.364 ng

RT: 16.43 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

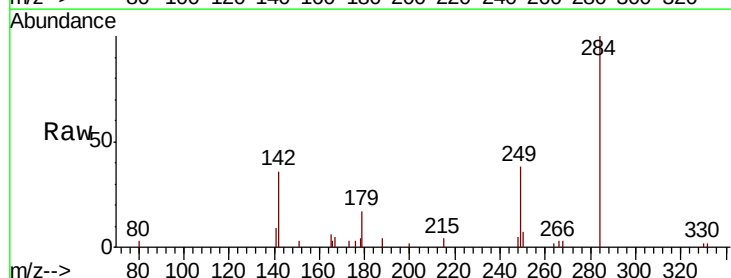
Tgt Ion:284 Resp: 2803

Ion Ratio Lower Upper

284 100

142 35.9 29.0 43.4

249 32.1 25.7 38.5



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

16.43

2500

2000

1500

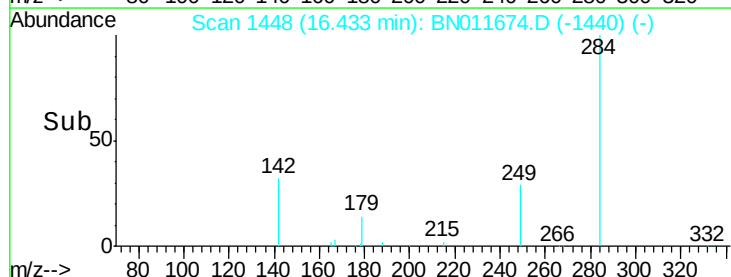
1000

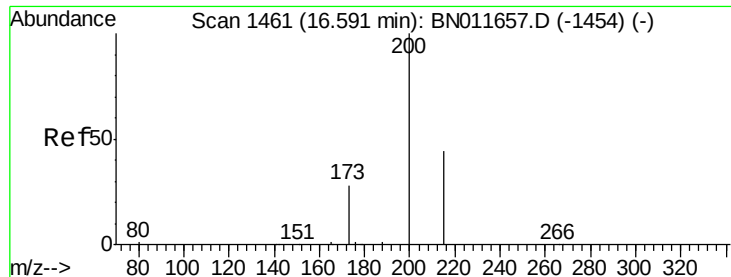
500

0

16.40 16.60

Time-->

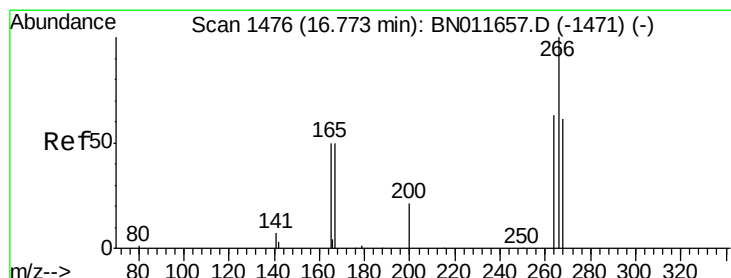
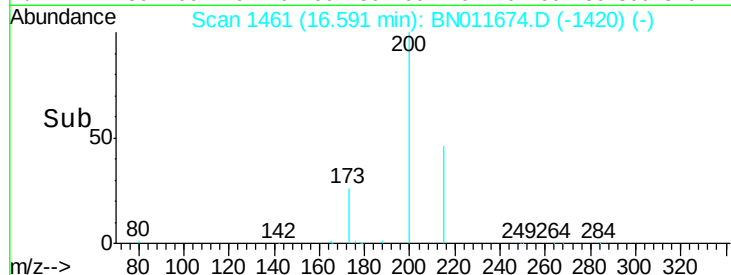
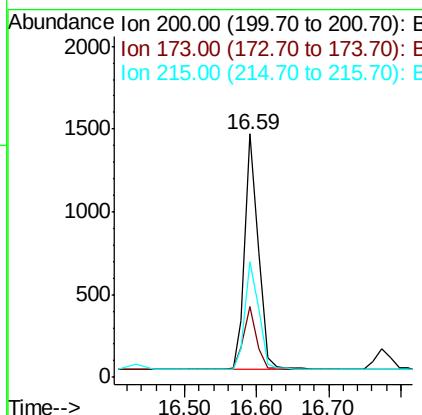
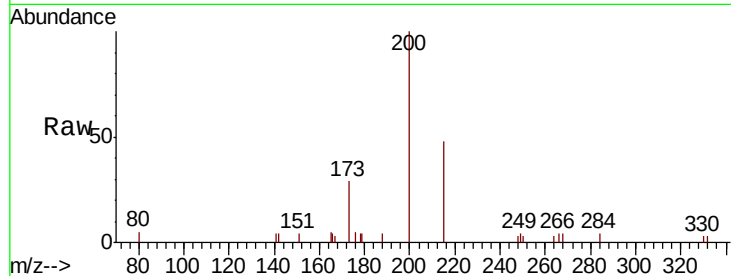




#23  
Atrazine  
Concen: 0.343 ng  
RT: 16.59 min Scan# 1461  
Delta R.T. 0.00 min  
Lab File: BN011674.D  
Acq: 27 Aug 2020 21:43

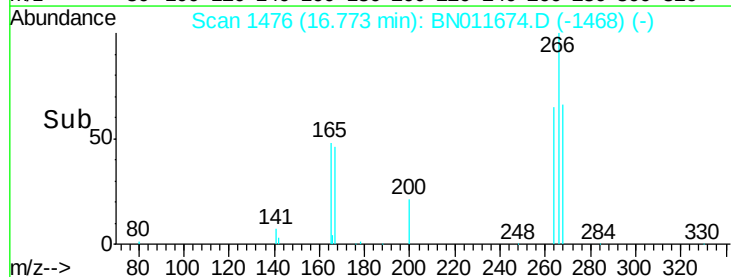
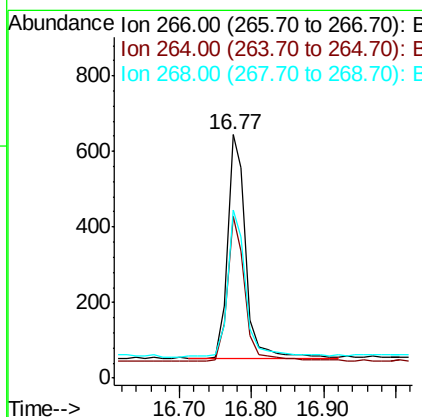
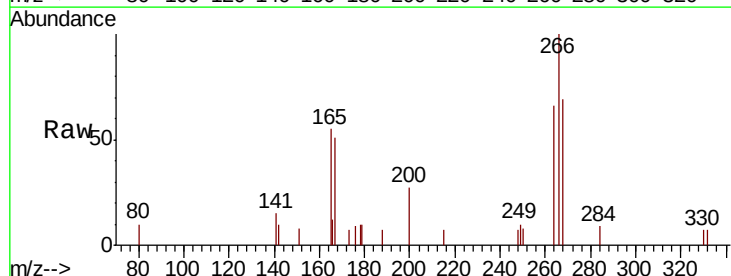
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

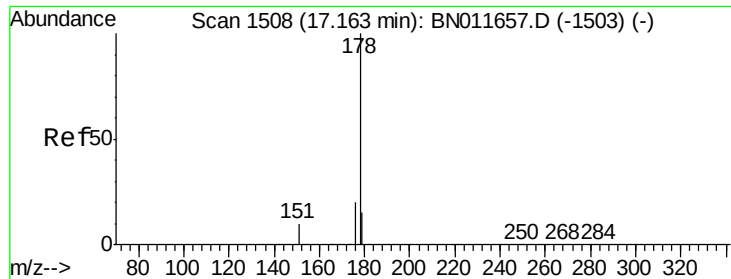
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 29.0  | 24.3  | 36.5  |
| 215     | 47.7  | 36.4  | 54.6  |



#24  
Pentachlorophenol  
Concen: 0.349 ng  
RT: 16.77 min Scan# 1476  
Delta R.T. 0.00 min  
Lab File: BN011674.D  
Acq: 27 Aug 2020 21:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 62.2  | 49.5  | 74.3  |
| 268     | 64.0  | 53.0  | 79.4  |

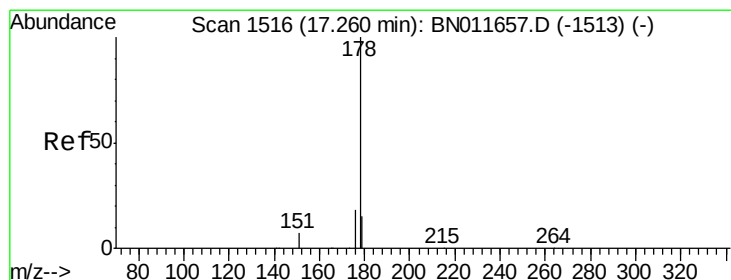
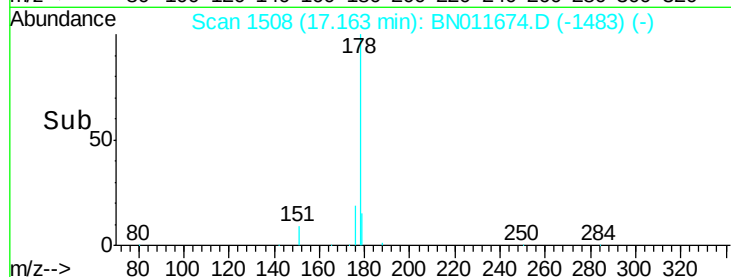
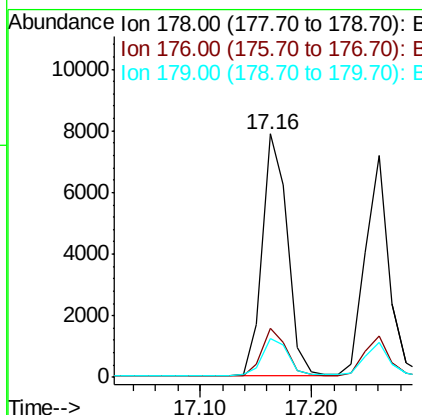
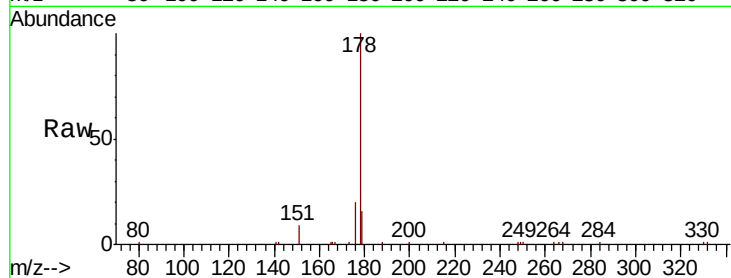




#25  
Phenanthrene  
Concen: 0.357 ng  
RT: 17.16 min Scan# 1508  
Delta R.T. 0.00 min  
Lab File: BN011674.D  
Acq: 27 Aug 2020 21:43

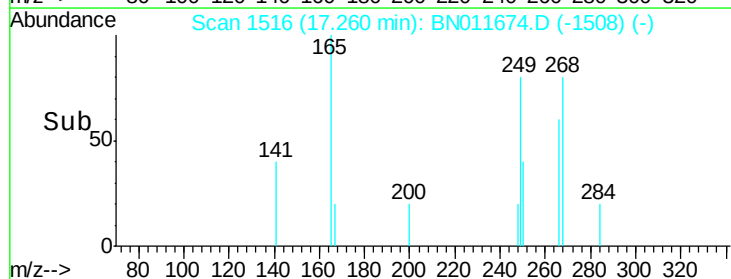
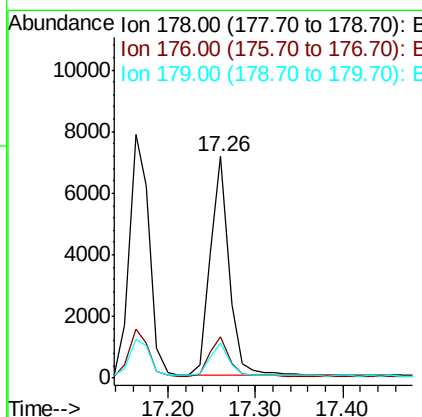
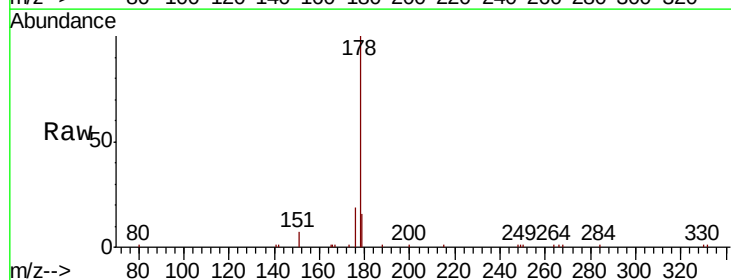
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

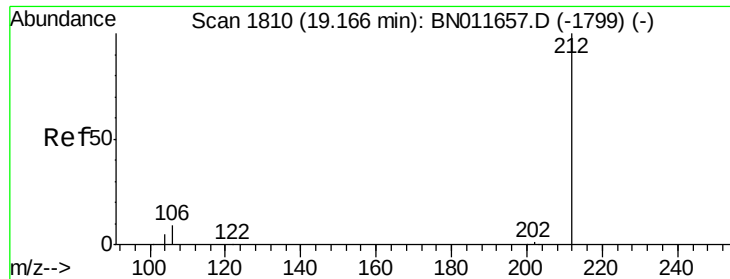
Tot Ion:178 Resp: 12303  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.2 22.8  
179 15.5 12.4 18.6



#26  
Anthracene  
Concen: 0.345 ng  
RT: 17.26 min Scan# 1516  
Delta R.T. 0.00 min  
Lab File: BN011674.D  
Acq: 27 Aug 2020 21:43

Tgt Ion:178 Resp: 10552  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.5 21.7  
179 15.2 12.2 18.4

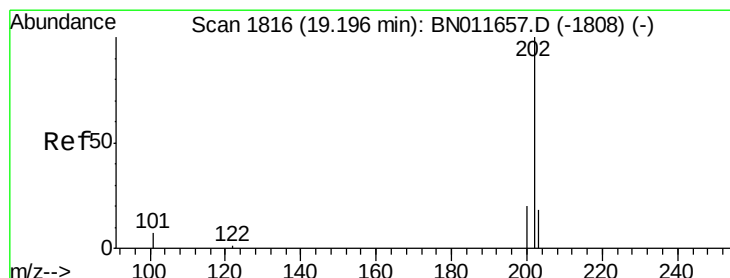
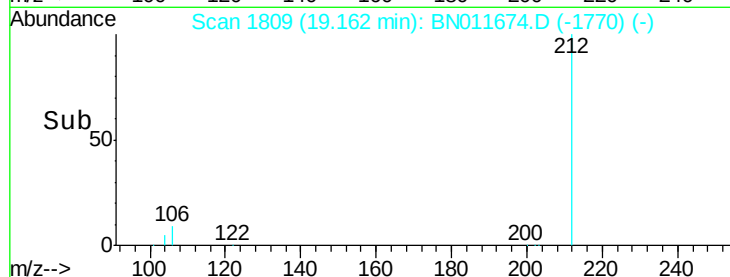
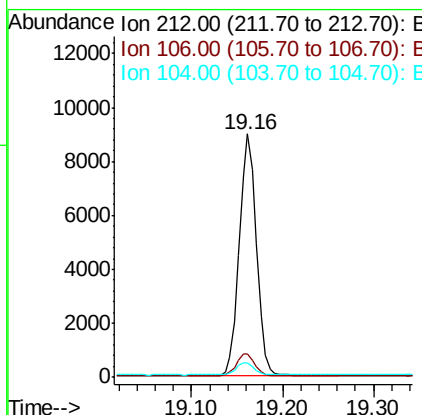
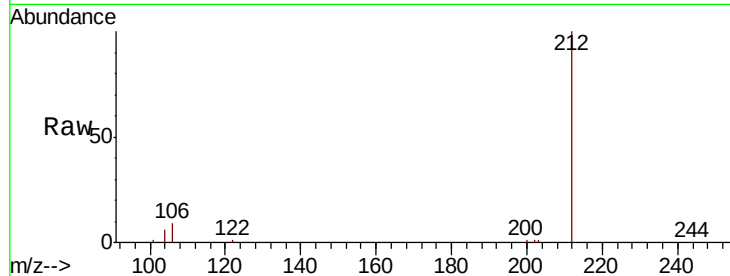




#27  
 Fluoranthene-d10  
 Concen: 0.349 ng  
 RT: 19.16 min Scan# 1809  
 Delta R.T. -0.00 min  
 Lab File: BN011674.D  
 Acq: 27 Aug 2020 21:43

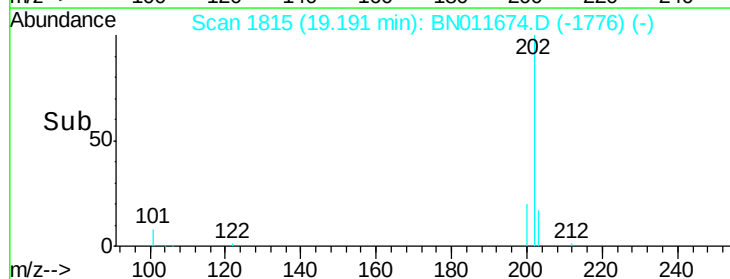
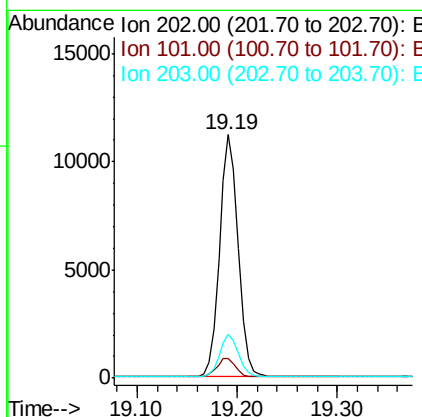
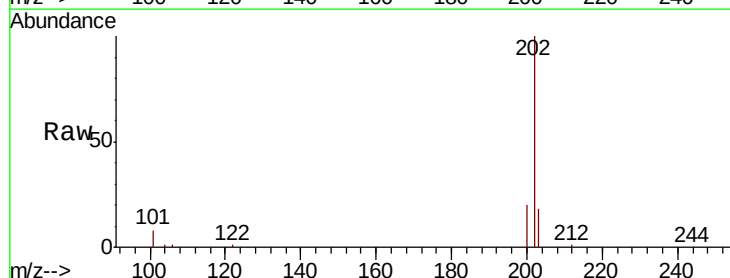
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Tot Ion:212 Resp: 11932  
 Ion Ratio Lower Upper  
 212 100  
 106 9.6 7.6 11.4  
 104 5.4 4.6 6.8

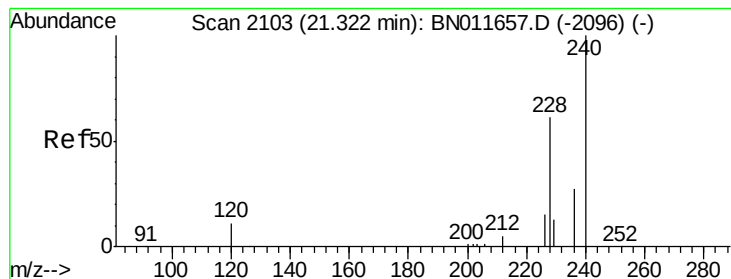


#28  
 Fluoranthene  
 Concen: 0.353 ng  
 RT: 19.19 min Scan# 1815  
 Delta R.T. -0.00 min  
 Lab File: BN011674.D  
 Acq: 27 Aug 2020 21:43

Tgt Ion:202 Resp: 14414  
 Ion Ratio Lower Upper  
 202 100  
 101 8.1 6.5 9.7  
 203 17.3 13.8 20.6







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.32 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

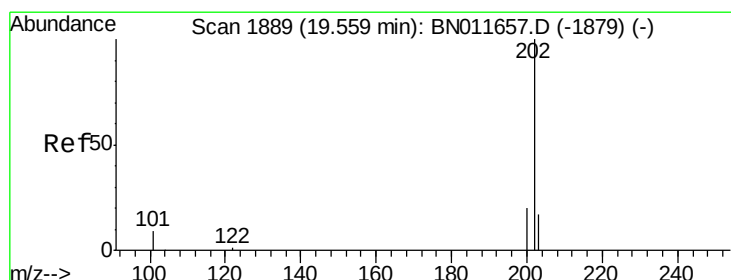
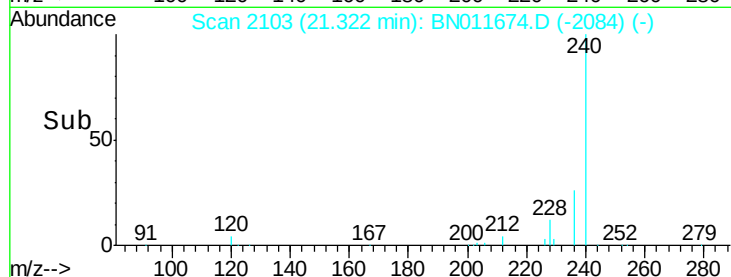
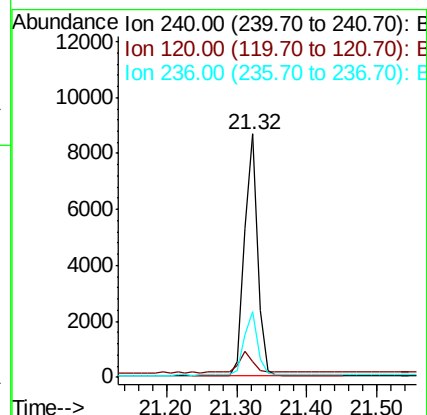
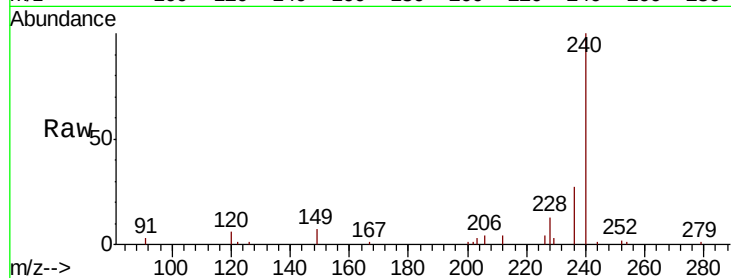
Tot Ion:240 Resp: 10938

Ion Ratio Lower Upper

240 100

120 6.3 9.9 14.9#

236 26.8 22.2 33.4



#30

Pyrene

Concen: 0.383 ng

RT: 19.55 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

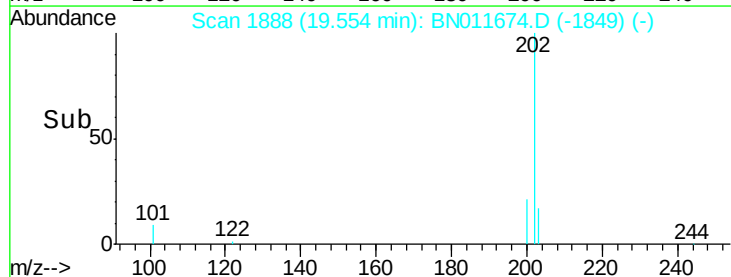
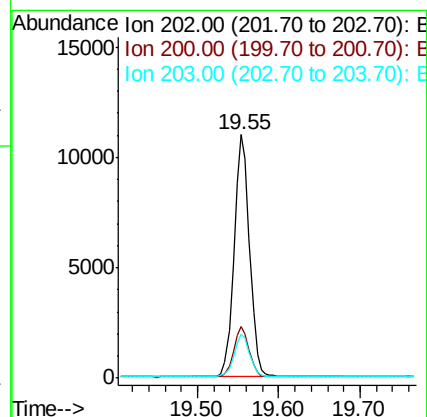
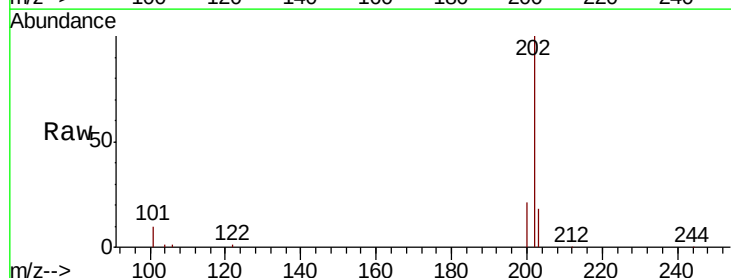
Tgt Ion:202 Resp: 14554

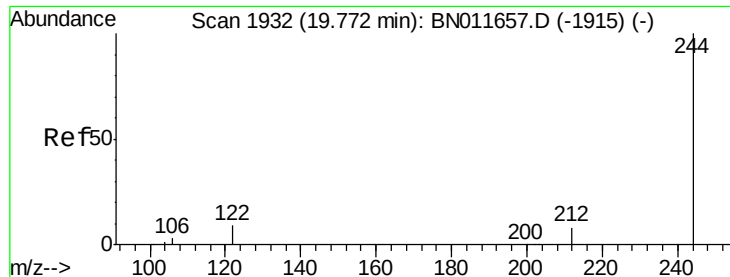
Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

203 17.5 14.1 21.1

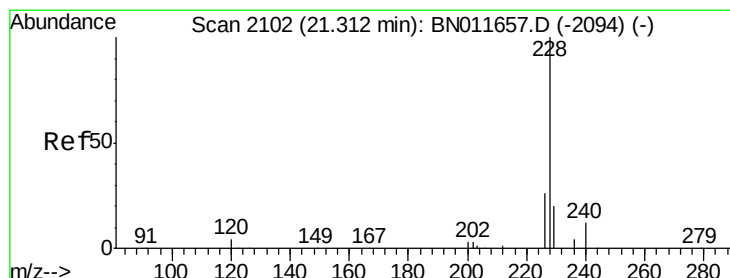
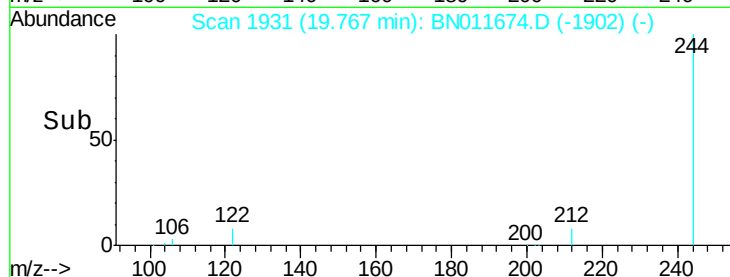
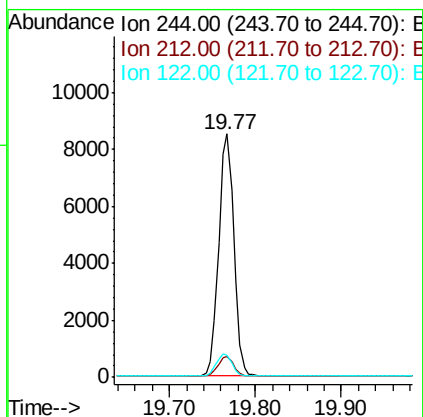
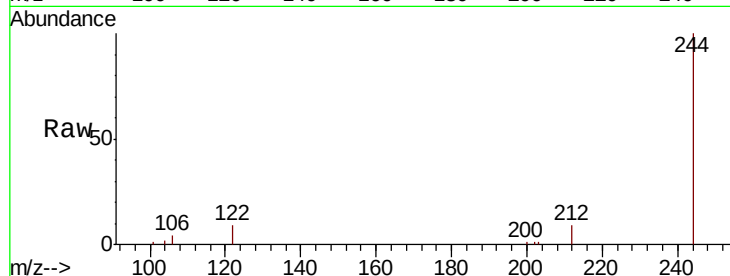




#31  
 Terphenyl-d14  
 Concen: 0.385 ng  
 RT: 19.77 min Scan# 1931  
 Delta R.T. -0.00 min  
 Lab File: BN011674.D  
 Acq: 27 Aug 2020 21:43

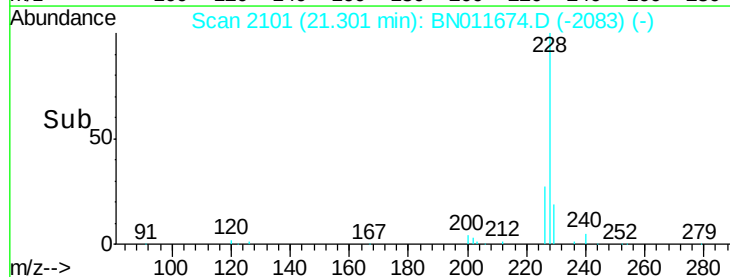
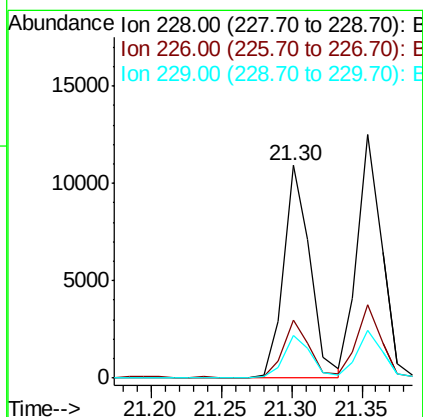
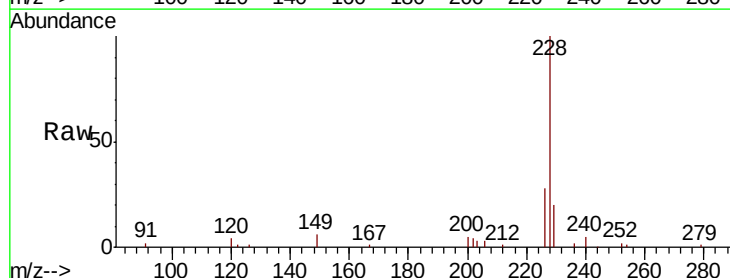
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

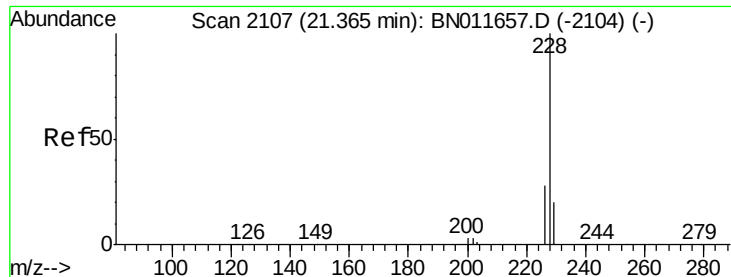
Tot Ion:244 Resp: 10453  
 Ion Ratio Lower Upper  
 244 100  
 212 8.5 6.5 9.7  
 122 9.1 7.4 11.2



#32  
 Benzo(a)anthracene  
 Concen: 0.366 ng  
 RT: 21.30 min Scan# 2101  
 Delta R.T. -0.01 min  
 Lab File: BN011674.D  
 Acq: 27 Aug 2020 21:43

Tgt Ion:228 Resp: 14292  
 Ion Ratio Lower Upper  
 228 100  
 226 27.6 21.2 31.8  
 229 19.9 16.0 24.0





#33

Chrysene

Concen: 0.375 ng

RT: 21.35 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

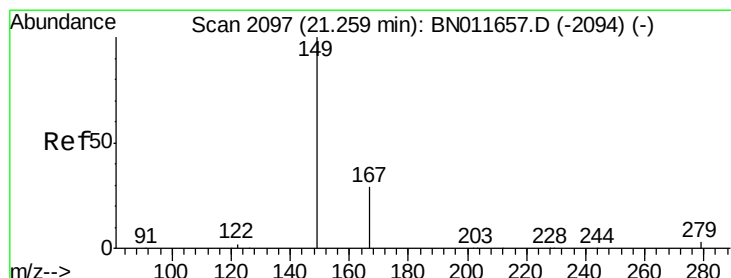
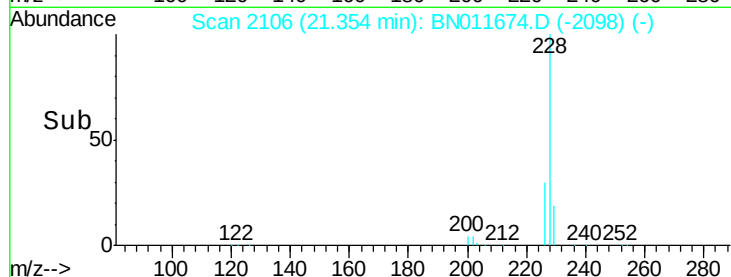
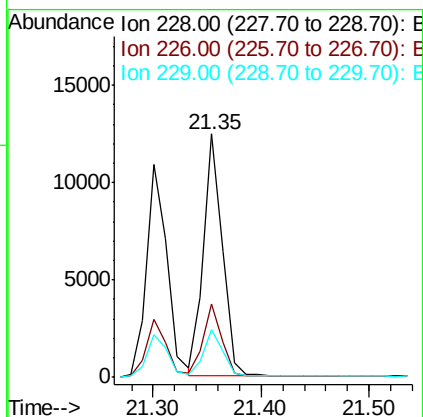
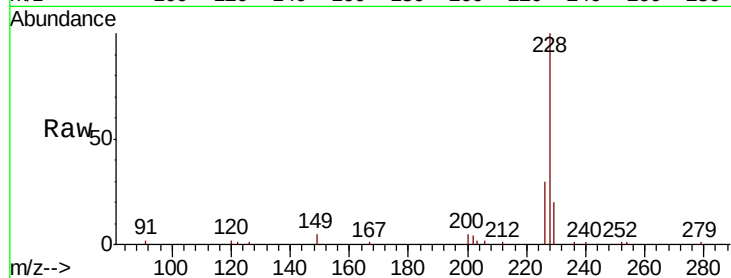
Tot Ion:228 Resp: 15123

Ion Ratio Lower Upper

228 100

226 30.0 22.7 34.1

229 19.6 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.353 ng

RT: 21.25 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

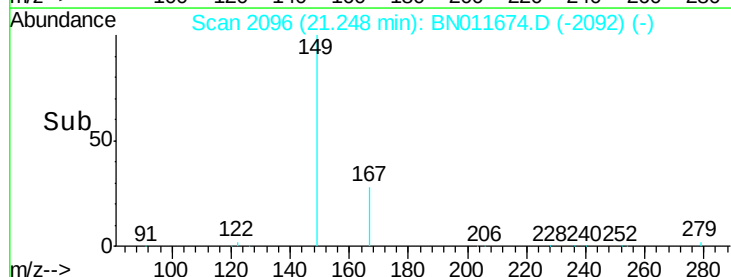
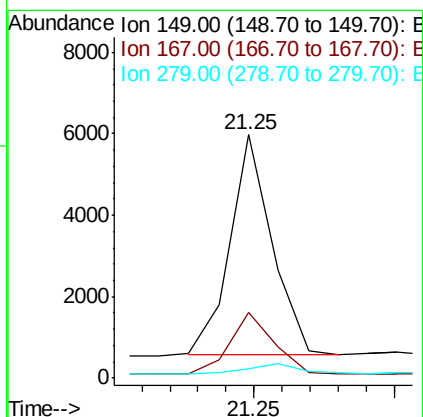
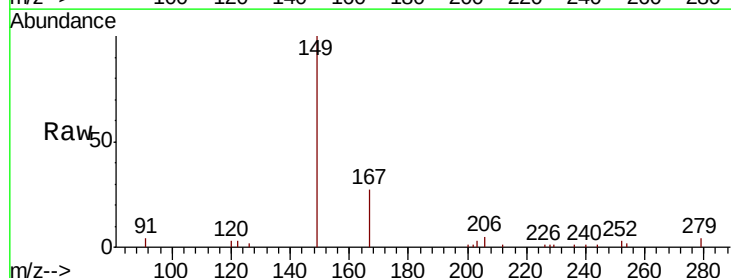
Tgt Ion:149 Resp: 5600

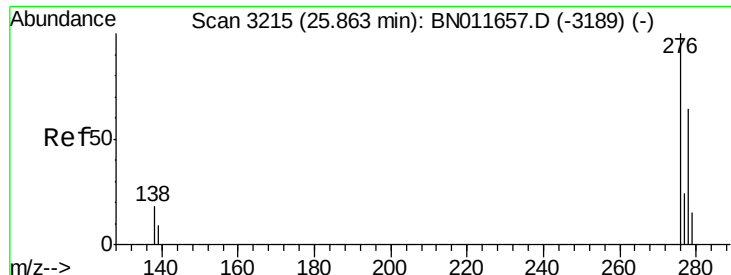
Ion Ratio Lower Upper

149 100

167 29.4 23.2 34.8

279 5.3 4.0 6.0

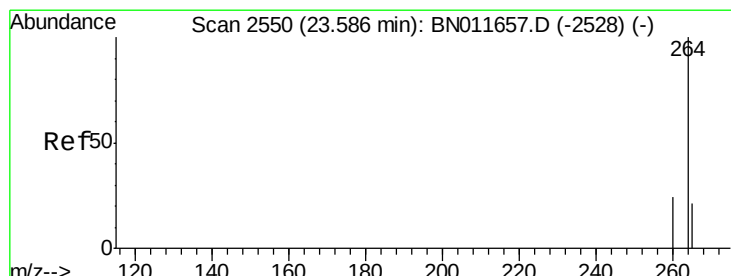
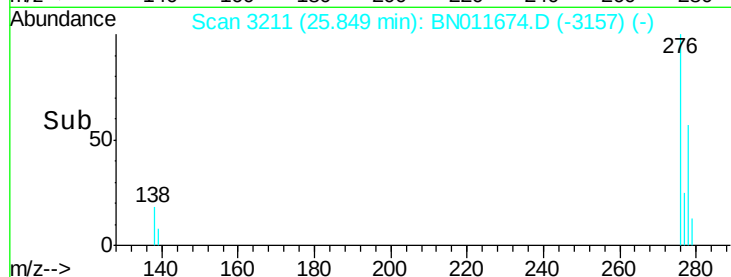
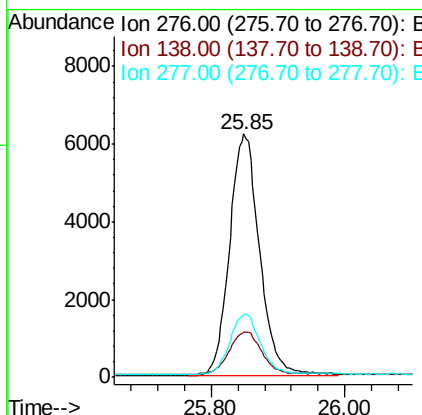
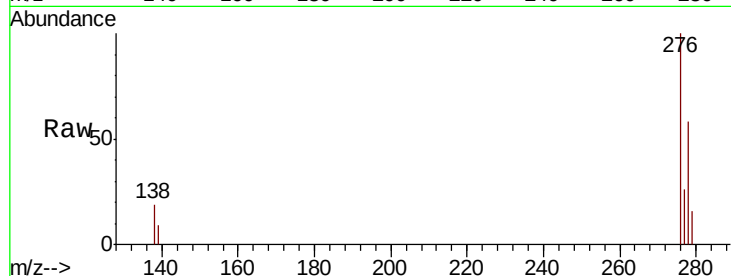




#35  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.368 ng  
 RT: 25.85 min Scan# 3211  
 Delta R.T. -0.01 min  
 Lab File: BN011674.D  
 Acq: 27 Aug 2020 21:43

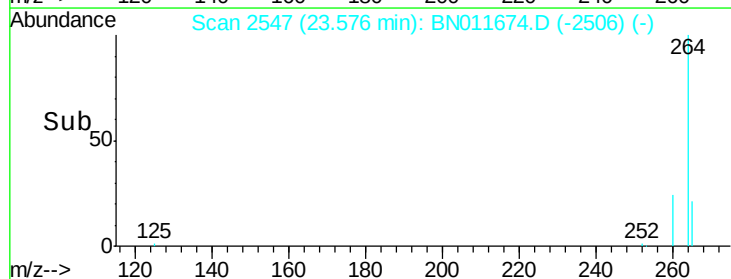
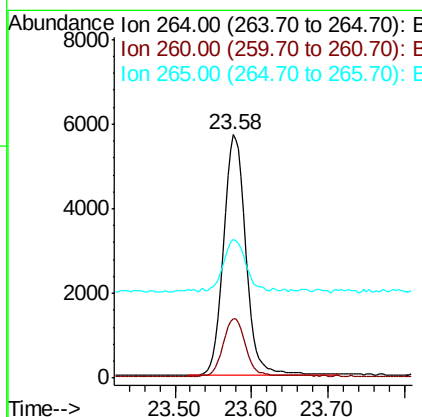
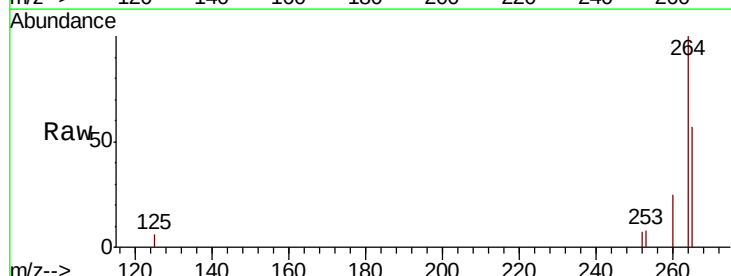
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

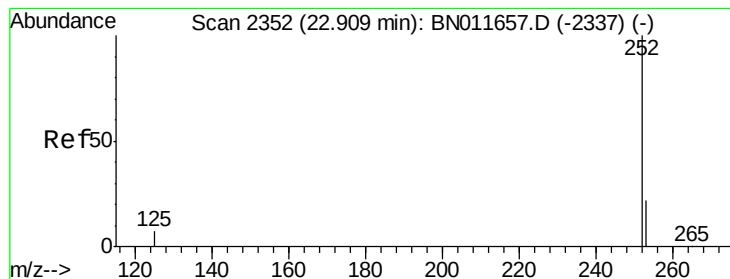
Tot Ion:276 Resp: 19309  
 Ion Ratio Lower Upper  
 276 100  
 138 18.8 15.4 23.2  
 277 25.1 20.1 30.1



#36  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.58 min Scan# 2547  
 Delta R.T. -0.01 min  
 Lab File: BN011674.D  
 Acq: 27 Aug 2020 21:43

Tgt Ion:264 Resp: 11752  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.8 29.6  
 265 56.8 38.9 58.3





#37

Benzo(b)fluoranthene

Concen: 0.347 ng

RT: 22.90 min Scan# 2350

Delta R.T. -0.01 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

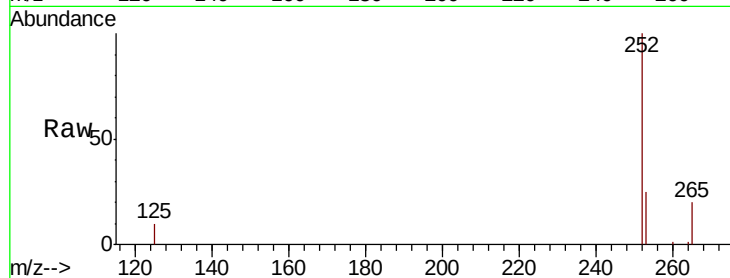
Tot Ion:252 Resp: 15630

Ion Ratio Lower Upper

252 100

253 24.7 19.7 29.5

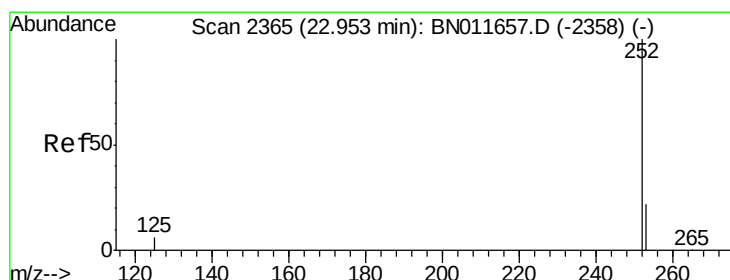
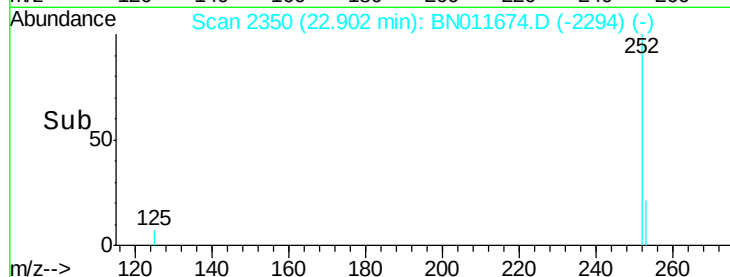
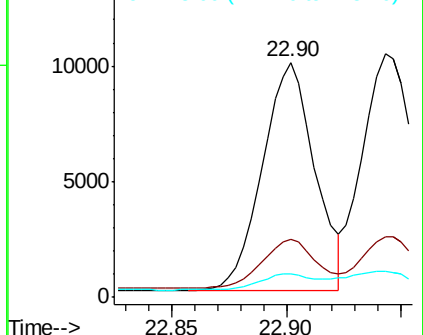
125 10.0 7.8 11.8



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: 0.355 ng

RT: 22.94 min Scan# 2362

Delta R.T. -0.01 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

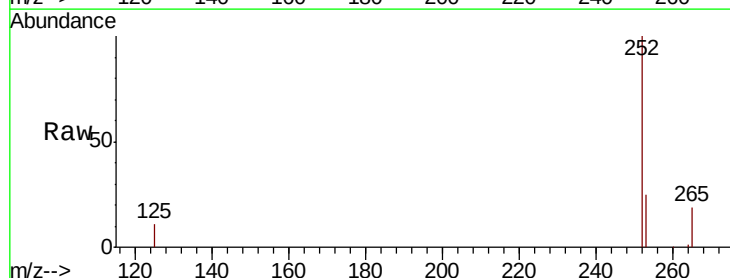
Tgt Ion:252 Resp: 16363

Ion Ratio Lower Upper

252 100

253 24.6 19.4 29.0

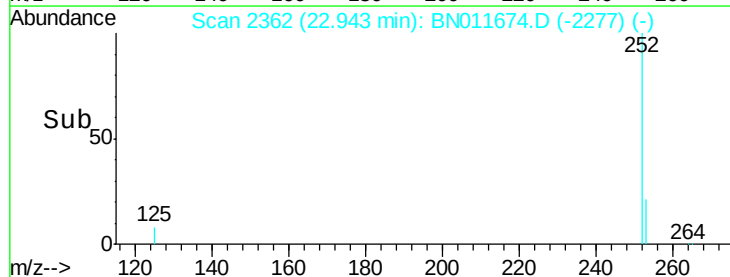
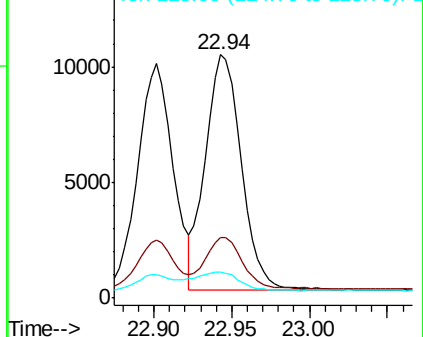
125 10.7 8.4 12.6

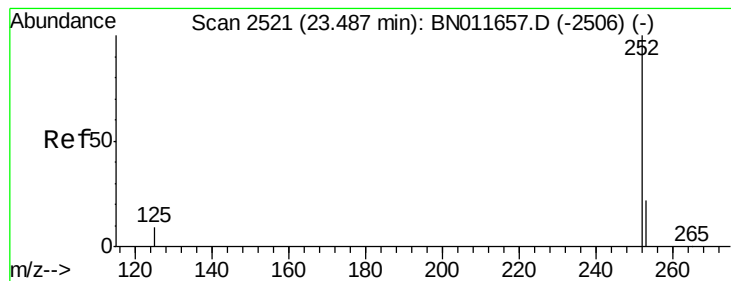


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.341 ng

RT: 23.48 min Scan# 2518

Delta R.T. -0.01 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

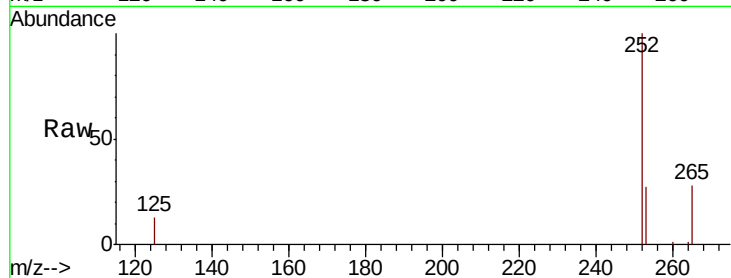
Tot Ion:252 Resp: 13724

Ion Ratio Lower Upper

252 100

253 26.7 20.3 30.5

125 13.0 9.8 14.6

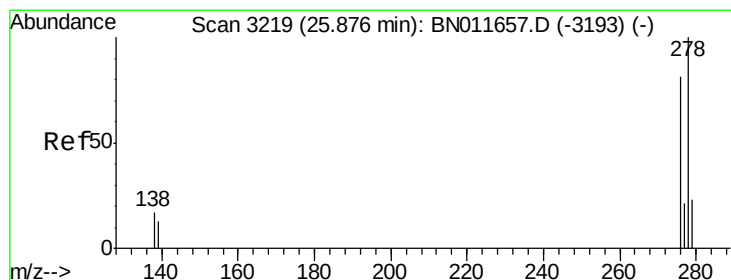
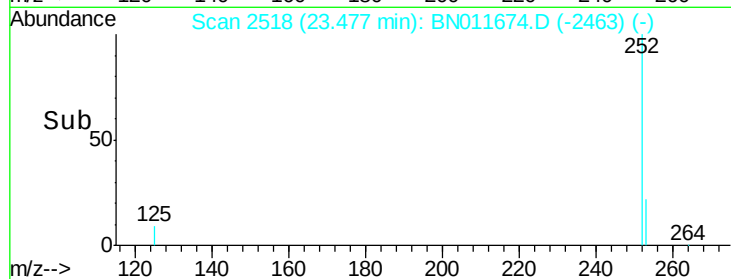
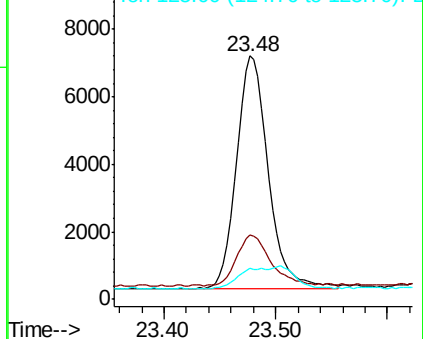


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#40

Dibenzo(a,h)anthracene

Concen: 0.348 ng

RT: 25.86 min Scan# 3215

Delta R.T. -0.01 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

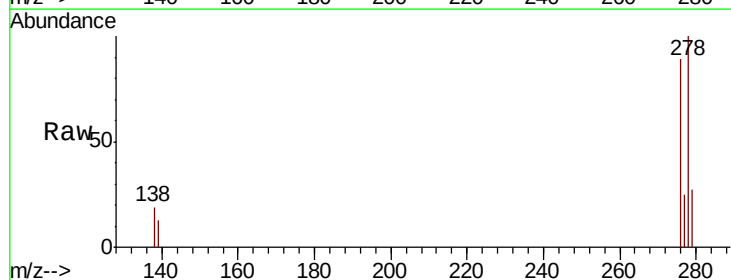
Tgt Ion:278 Resp: 15818

Ion Ratio Lower Upper

278 100

139 13.1 11.0 16.6

279 27.0 20.5 30.7

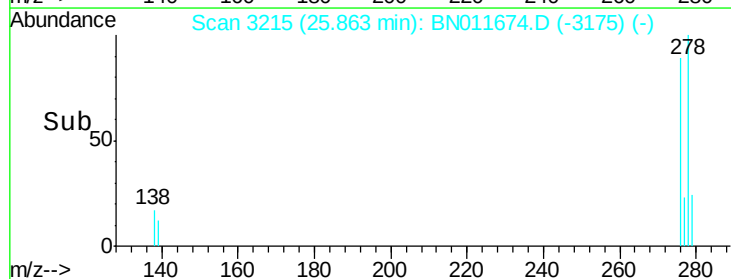
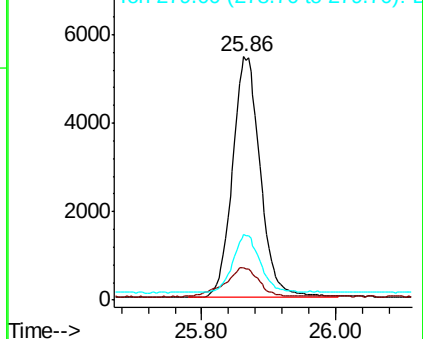


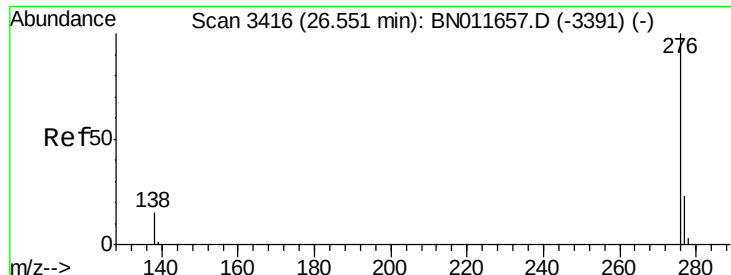
Abundance

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: 0.342 ng

RT: 26.54 min Scan# 3413

Delta R.T. -0.01 min

Lab File: BN011674.D

Acq: 27 Aug 2020 21:43

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

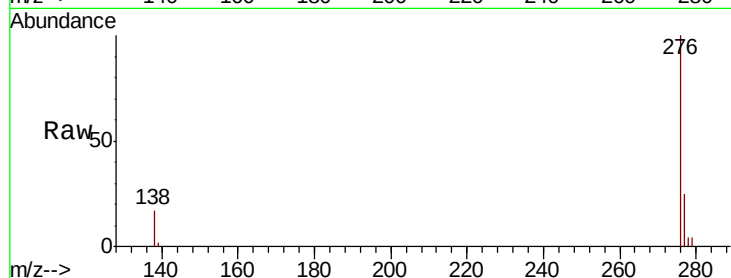
Tot Ion:276 Resp: 15254

Ion Ratio Lower Upper

276 100

277 25.3 19.7 29.5

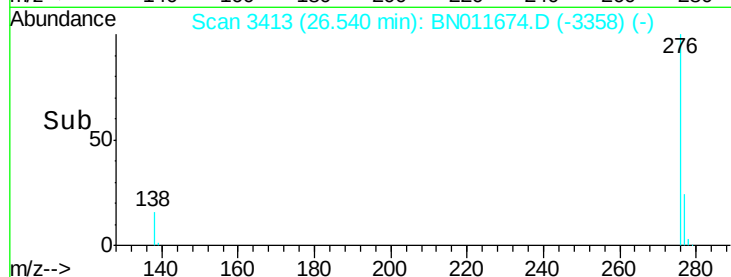
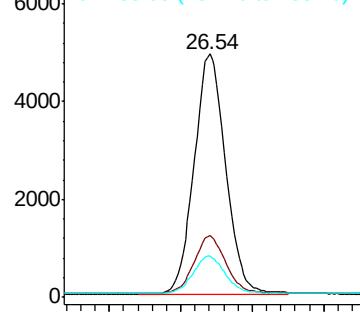
138 17.2 13.4 20.2



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



Time-->