

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081920\  
 Data File : BN011516.D  
 Acq On : 19 Aug 2020 14:35  
 Operator : CG/JU  
 Sample : SSTDICC3.2  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC3.2

Quant Time: Aug 19 15:46:08 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 19 13:20:06 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.43  | 152  | 1168     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.17 | 136  | 3717     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.06 | 164  | 2255     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.82 | 188  | 4967     | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12          | 21.04 | 240  | 6440     | 0.40 | ng    | -0.01    |
| 36) Perylene-d12          | 23.15 | 264  | 5333     | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.10  | 112 | 8160  | 2.66 | ng | 0.00  |
| 5) Phenol-d6                | 6.64  | 99  | 10313 | 2.76 | ng | -0.02 |
| 8) Nitrobenzene-d5          | 8.56  | 82  | 9922  | 2.99 | ng | -0.03 |
| 11) 2-Methylnaphthalene-d10 | 11.77 | 152 | 20506 | 3.02 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 15.56 | 330 | 3464  | 3.33 | ng | -0.01 |
| 15) 2-Fluorobiphenyl        | 12.67 | 172 | 30771 | 3.16 | ng | -0.01 |
| 27) Fluoranthene-d10        | 18.86 | 212 | 49471 | 3.26 | ng | 0.00  |
| 31) Terphenyl-d14           | 19.48 | 244 | 42302 | 2.17 | ng | 0.00  |

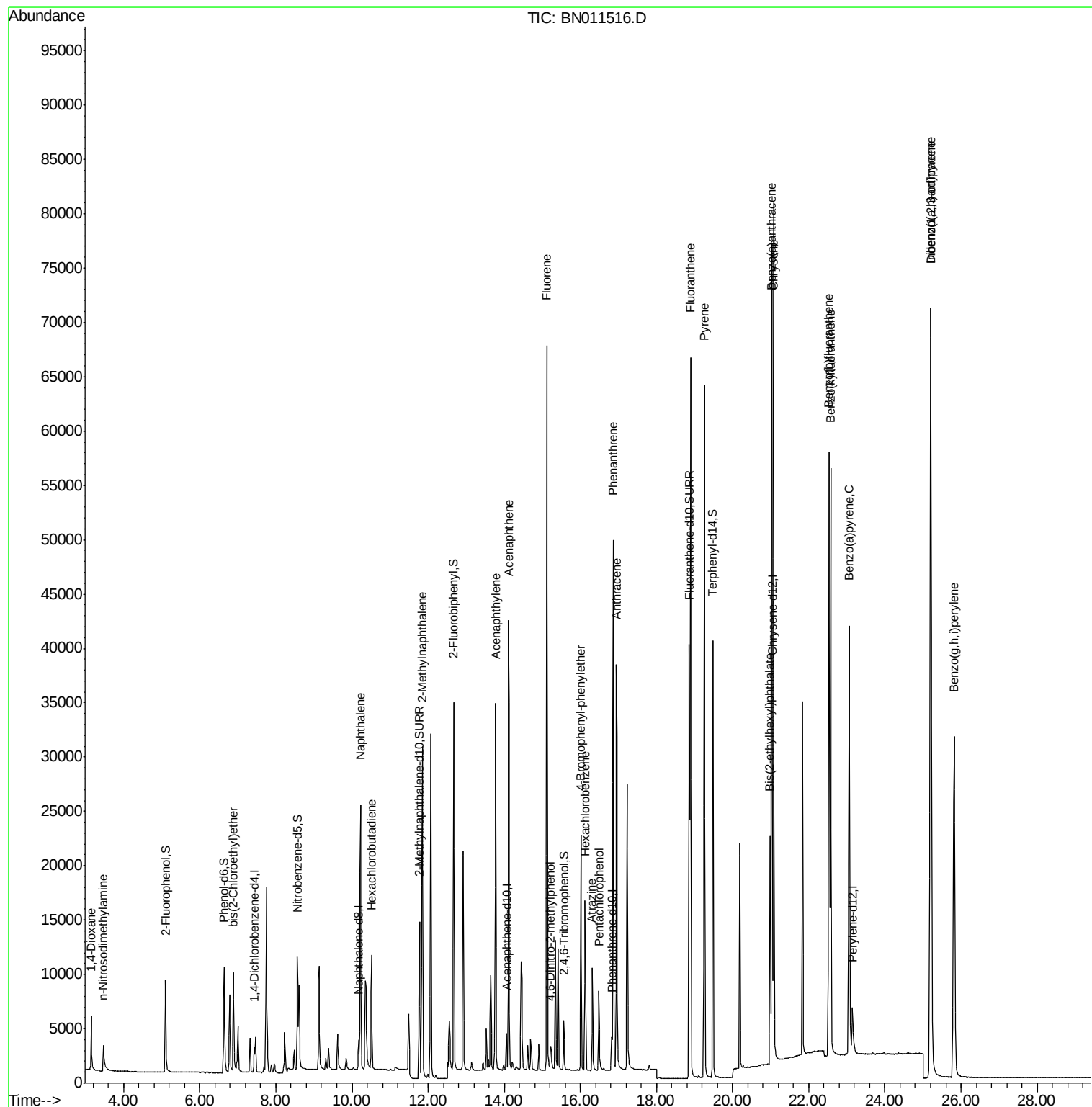
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.15  | 88  | 4464  | 2.715  | ng | 94   |
| 3) n-Nitrosodimethylamine      | 3.45  | 42  | 2203  | 2.614  | ng | # 98 |
| 6) bis(2-Chloroethyl)ether     | 6.89  | 93  | 8500  | 2.737  | ng | # 92 |
| 9) Naphthalene                 | 10.22 | 128 | 32732 | 2.970  | ng | # 94 |
| 10) Hexachlorobutadiene        | 10.52 | 225 | 8513  | 3.189  | ng | # 98 |
| 12) 2-Methylnaphthalene        | 11.85 | 142 | 23357 | 2.987  | ng | 97   |
| 16) Acenaphthylene             | 13.77 | 152 | 35806 | 3.085  | ng | 99   |
| 17) Acenaphthene               | 14.12 | 154 | 22531 | 2.975  | ng | 99   |
| 18) Fluorene                   | 15.12 | 166 | 29962 | 3.084  | ng | 98   |
| 20) 4,6-Dinitro-2-methylphenol | 15.22 | 198 | 2543  | 3.701  | ng | # 43 |
| 21) 4-Bromophenyl-phenylether  | 16.02 | 248 | 9573  | 2.907  | ng | # 91 |
| 22) Hexachlorobenzene          | 16.13 | 284 | 11030 | 2.954  | ng | 98   |
| 23) Atrazine                   | 16.31 | 200 | 7968  | 3.108  | ng | # 91 |
| 24) Pentachlorophenol          | 16.48 | 266 | 3877  | 3.346  | ng | 96   |
| 25) Phenanthrene               | 16.86 | 178 | 49169 | 3.042  | ng | 100  |
| 26) Anthracene                 | 16.94 | 178 | 44486 | 3.311  | ng | 99   |
| 28) Fluoranthene               | 18.89 | 202 | 60616 | 3.298  | ng | 99   |
| 30) Pvrene                     | 19.26 | 202 | 60674 | 2.090  | ng | 99   |
| 32) Benzo(a)anthracene         | 21.02 | 228 | 60301 | 2.794  | ng | 98   |
| 33) Chrysene                   | 21.08 | 228 | 64837 | 2.678  | ng | 97   |
| 34) Bis(2-ethylhexyl)phthalate | 20.98 | 149 | 20294 | 1.753  | ng | 99   |
| 35) Indeno(1,2,3-cd)pyrene     | 25.20 | 276 | 77960 | 3.297  | ng | 99   |
| 37) Benzo(b)fluoranthene       | 22.53 | 252 | 66052 | 3.106  | ng | # 89 |
| 38) Benzo(k)fluoranthene       | 22.57 | 252 | 66903 | 2.858  | ng | # 88 |
| 39) Benzo(a)pyrene             | 23.06 | 252 | 57564 | 3.119  | ng | # 84 |
| 40) Dibenzo(a,h)anthracene     | 25.21 | 278 | 64313 | 3.369  | ng | 91   |
| 41) Benzo(g,h,i)perylene       | 25.82 | 276 | 65139 | 3.077  | ng | 97   |

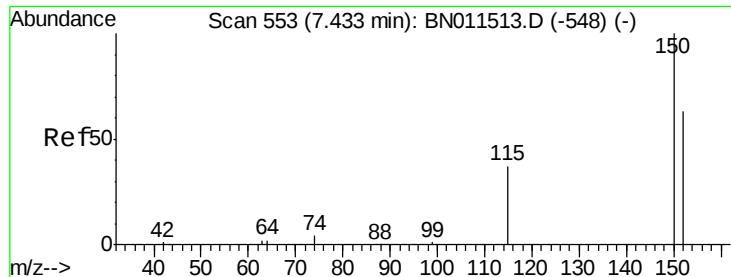
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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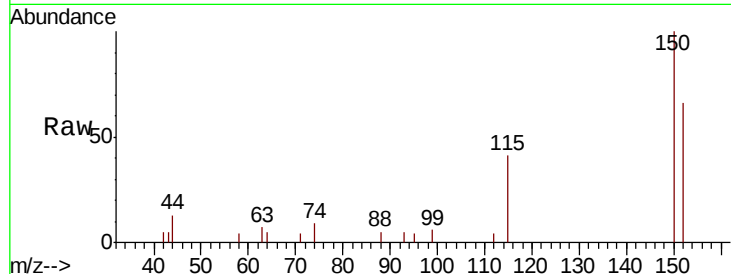


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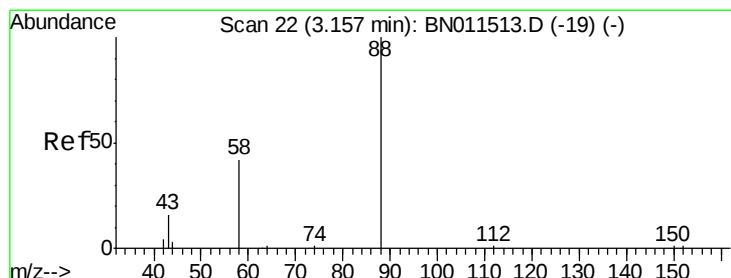
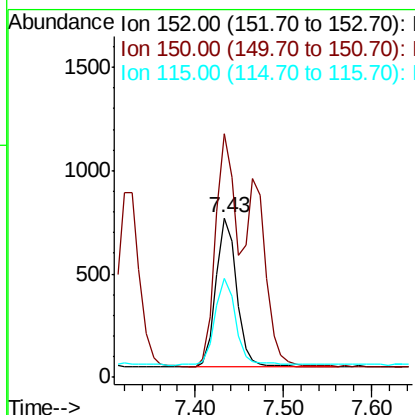
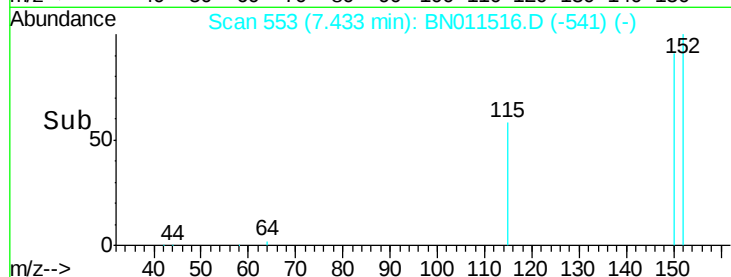
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.43 min Scan# 553  
Delta R.T. -0.00 min  
Lab File: BN011516.D  
Acq: 19 Aug 2020 14:35

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

Tot Ion:152 Resp: 1168  
Ion Ratio Lower Upper  
152 100  
150 152.6 121.6 182.4  
115 62.4 51.9 77.9



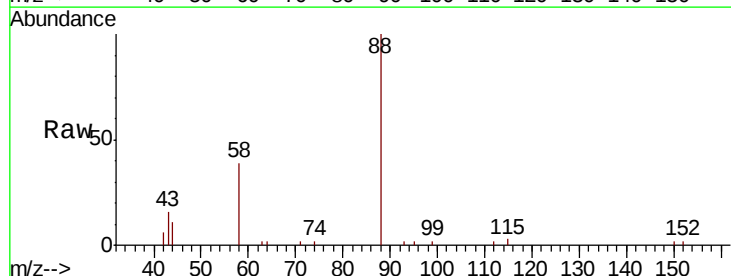
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



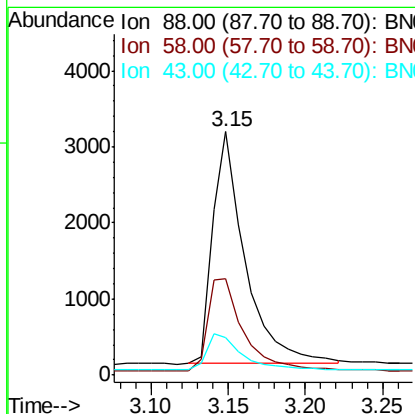
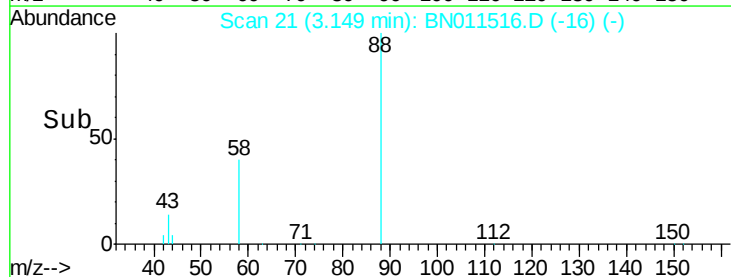
#2

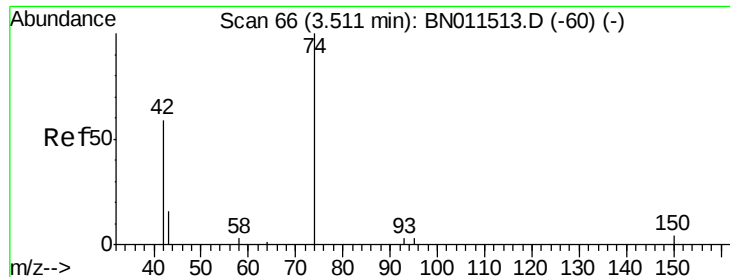
1,4-Dioxane  
Concen: 2.715 ng  
RT: 3.15 min Scan# 21  
Delta R.T. -0.01 min  
Lab File: BN011516.D  
Acq: 19 Aug 2020 14:35

Tgt Ion: 88 Resp: 4464  
Ion Ratio Lower Upper  
88 100  
58 44.2 38.6 57.8  
43 16.4 15.8 23.6



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



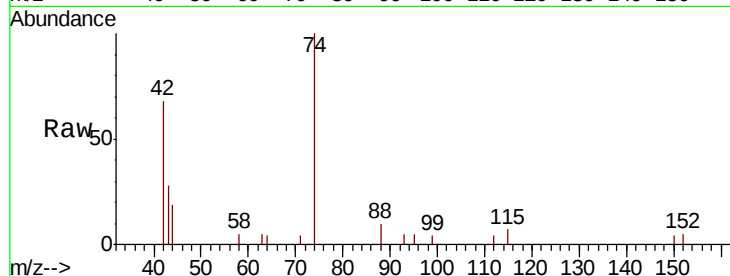


#3

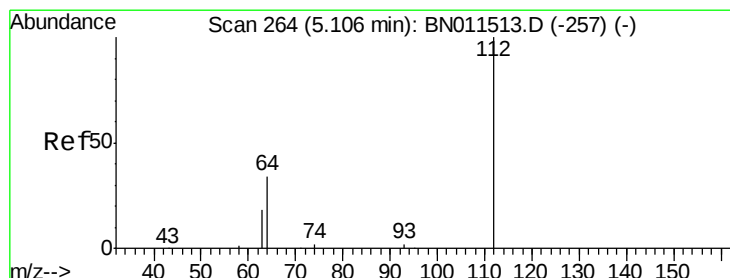
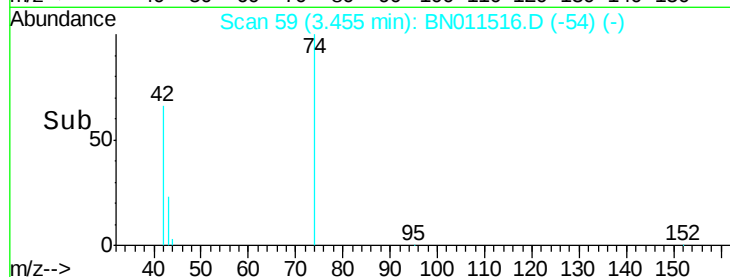
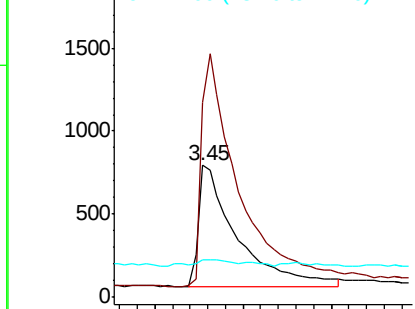
n-Nitrosodimethylamine  
 Concen: 2.614 ng  
 RT: 3.45 min Scan# 59  
 Delta R.T. -0.06 min  
 Lab File: BN011516.D  
 Acq: 19 Aug 2020 14:35

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC3.2

Tot Ion: 42 Resp: 2203  
 Ion Ratio Lower Upper  
 42 100  
 74 190.7 150.4 225.6  
 44 3.5 0.0 0.0#



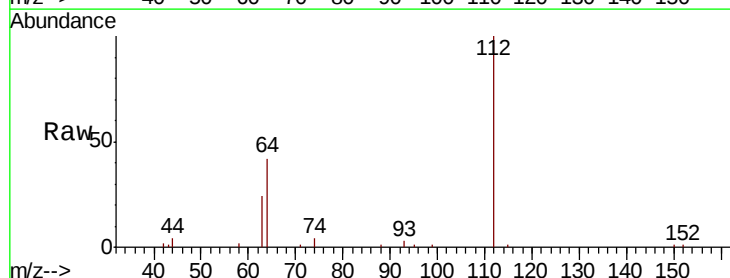
Abundance Ion 42.00 (41.70 to 42.70): BN0  
 Ion 74.00 (73.70 to 74.70): BN0  
 Ion 44.00 (43.70 to 44.70): BN0



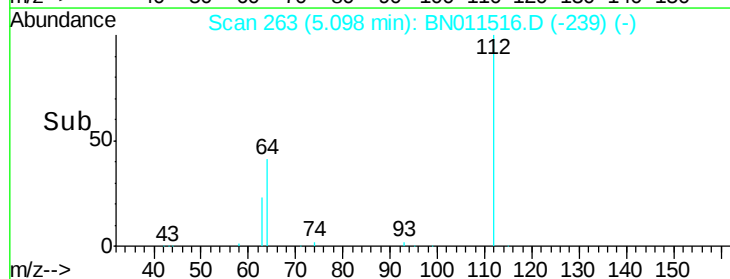
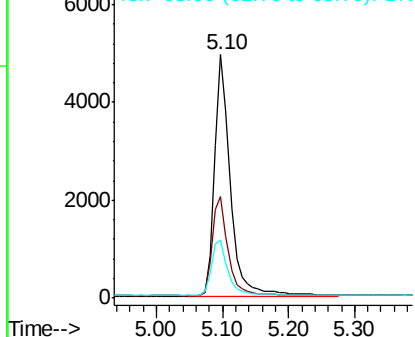
#4

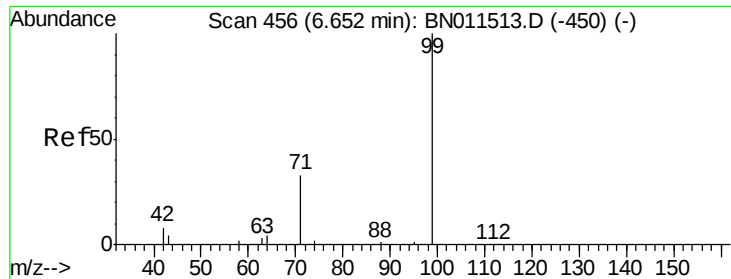
2-Fluorophenol  
 Concen: 2.660 ng  
 RT: 5.10 min Scan# 263  
 Delta R.T. -0.01 min  
 Lab File: BN011516.D  
 Acq: 19 Aug 2020 14:35

Tgt Ion: 112 Resp: 8160  
 Ion Ratio Lower Upper  
 112 100  
 64 42.8 33.8 50.6  
 63 24.3 19.5 29.3



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





#5

Phenol-d6

Concen: 2.763 ng

RT: 6.64 min Scan# 454

Delta R.T. -0.02 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

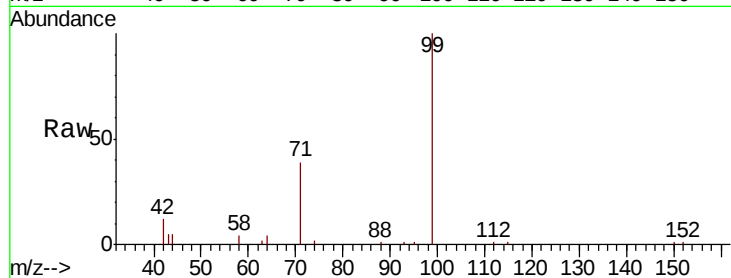
Tot Ion: 99 Resp: 10313

Ion Ratio Lower Upper

99 100

42 12.1 10.0 15.0

71 37.6 31.0 46.4

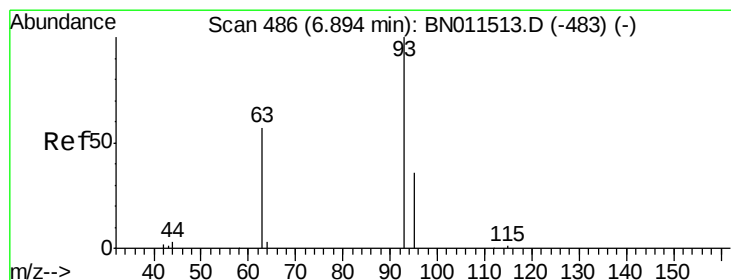
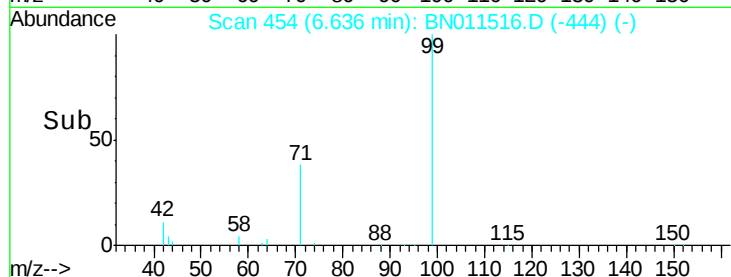


Abundance Ion 99.00 (98.70 to 99.70): BN011516.D (-450) (-)

Ion 42.00 (41.70 to 42.70): BN011516.D (-450) (-)

Ion 71.00 (70.70 to 71.70): BN011516.D (-450) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 2.737 ng

RT: 6.89 min Scan# 485

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

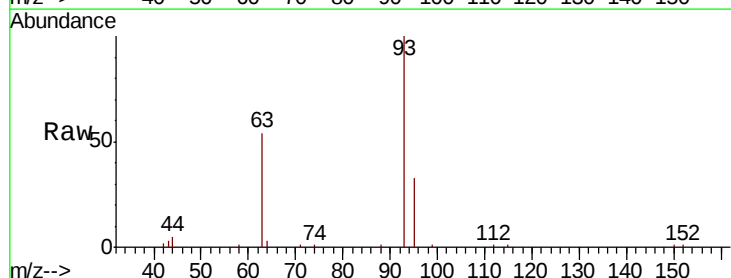
Tgt Ion: 93 Resp: 8500

Ion Ratio Lower Upper

93 100

63 53.4 45.4 68.2

95 31.7 31.8 47.8#

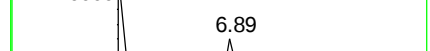
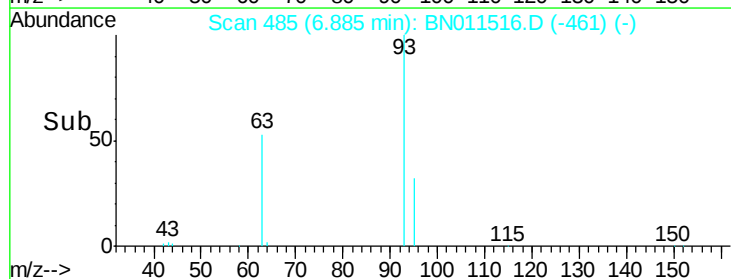


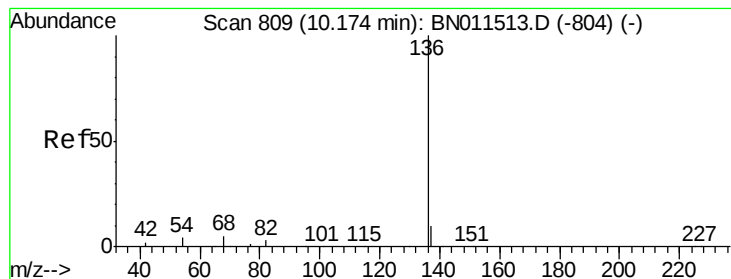
Abundance Ion 93.00 (92.70 to 93.70): BN011516.D (-483) (-)

Ion 63.00 (62.70 to 63.70): BN011516.D (-483) (-)

Ion 95.00 (94.70 to 95.70): BN011516.D (-483) (-)

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.17 min Scan# 809

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 3717

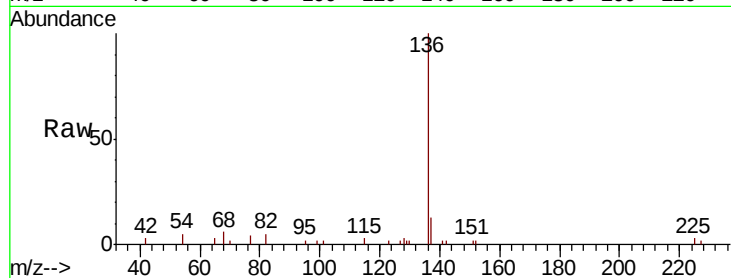
Ion Ratio Lower Upper

136 100

137 13.1 10.3 15.5

54 5.2 5.7 8.5#

68 5.7 6.0 9.0#

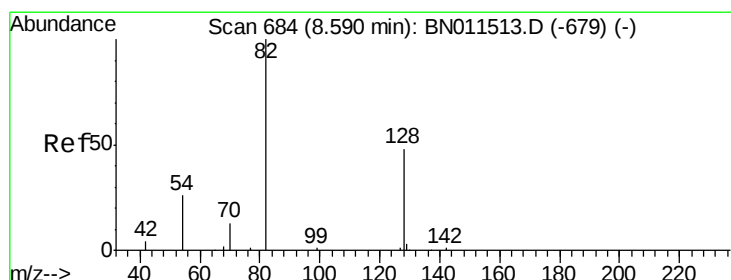
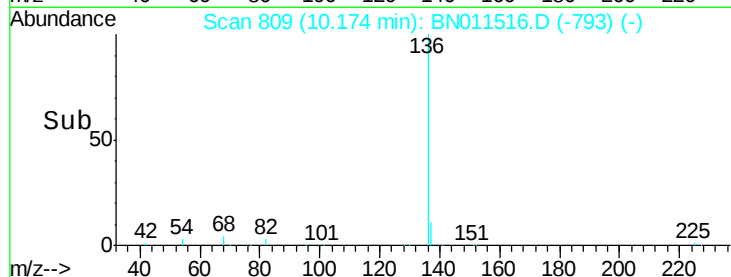
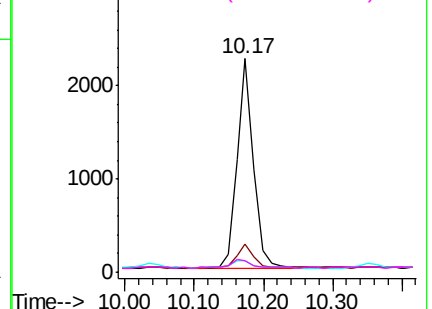


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.991 ng

RT: 8.56 min Scan# 682

Delta R.T. -0.03 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

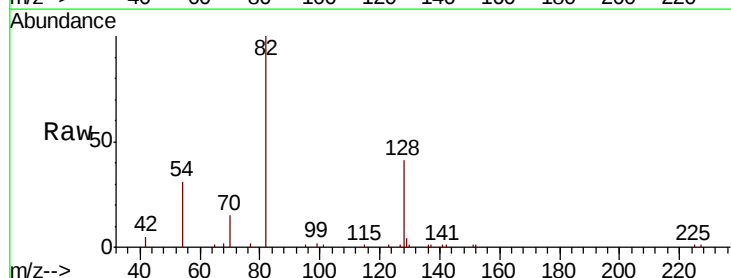
Tgt Ion: 82 Resp: 9922

Ion Ratio Lower Upper

82 100

128 41.2 44.6 66.8#

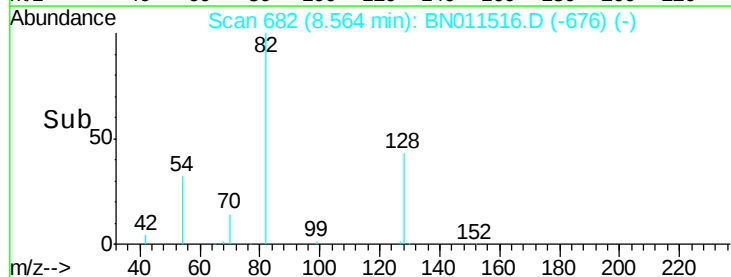
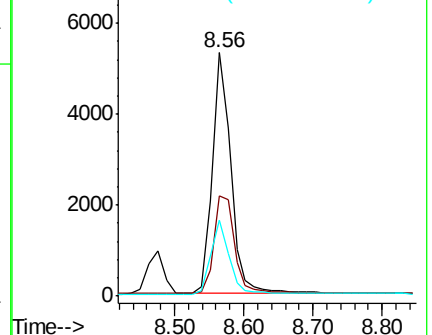
54 31.0 27.6 41.4

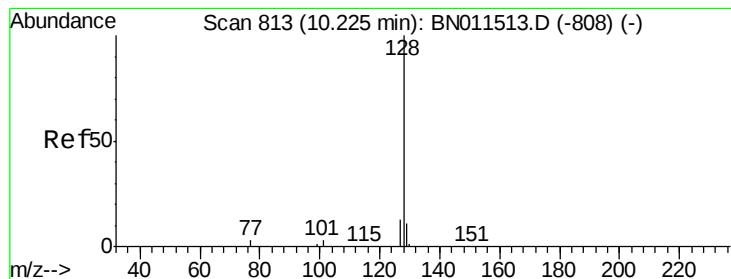


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 2.970 ng

RT: 10.22 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

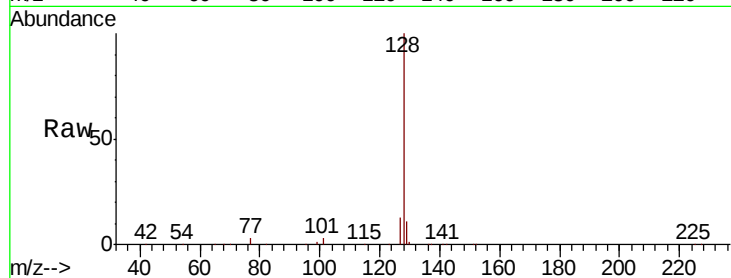
Tot Ion:128 Resp: 32732

Ion Ratio Lower Upper

128 100

129 11.1 11.1 16.7#

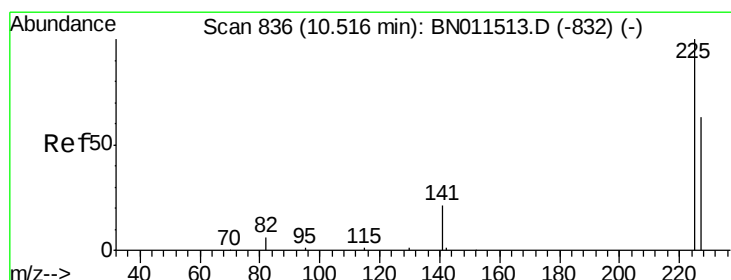
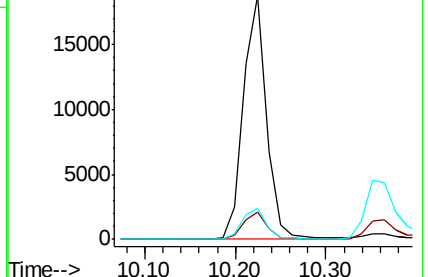
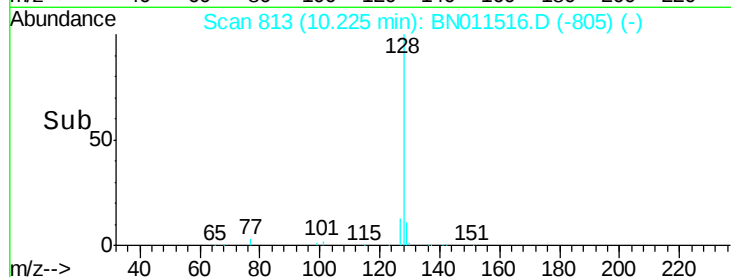
127 13.0 12.2 18.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 3.189 ng

RT: 10.52 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

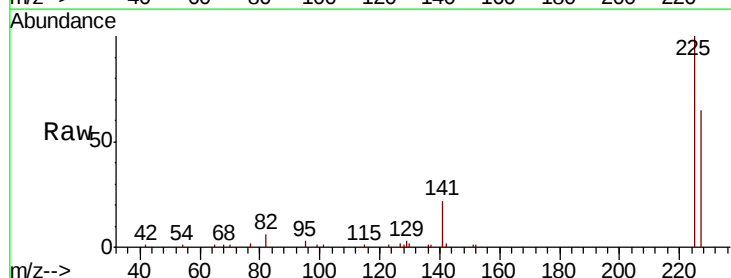
Tgt Ion:225 Resp: 8513

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

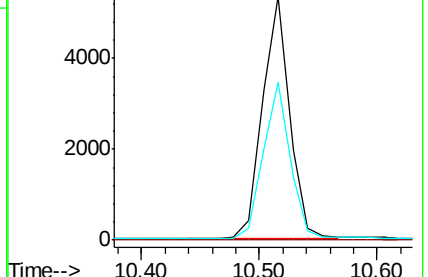
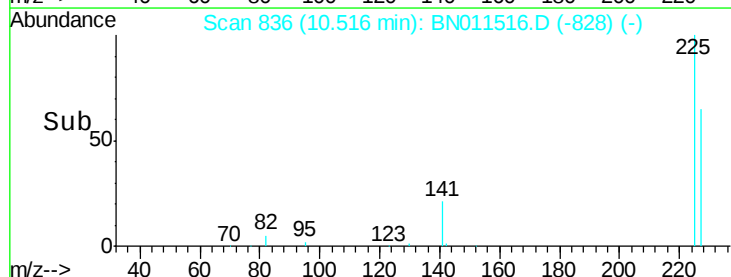
227 63.9 50.1 75.1

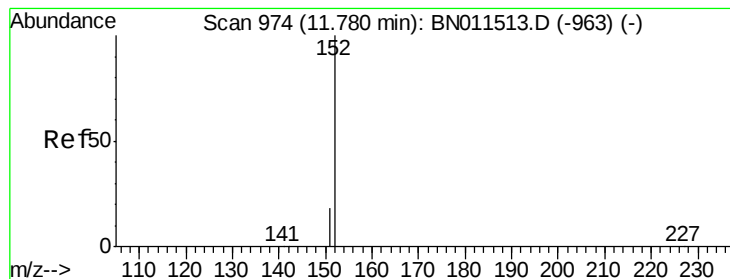


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.021 ng

RT: 11.77 min Scan# 972

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA\_N

ClientSampleId :

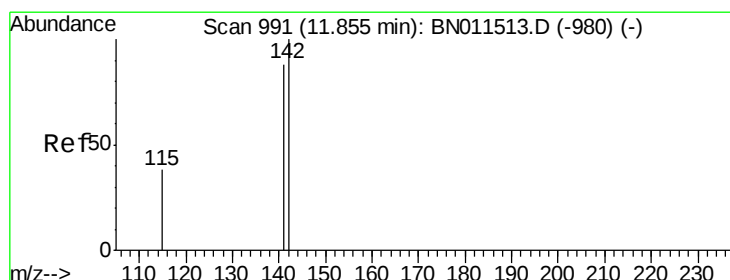
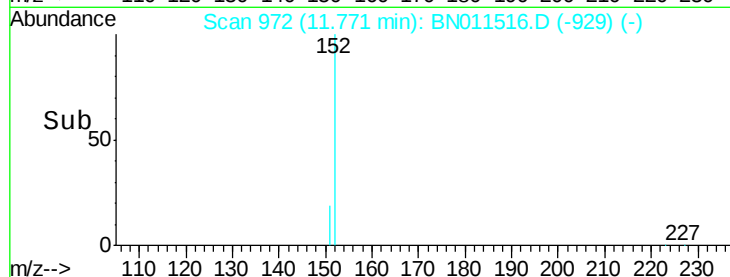
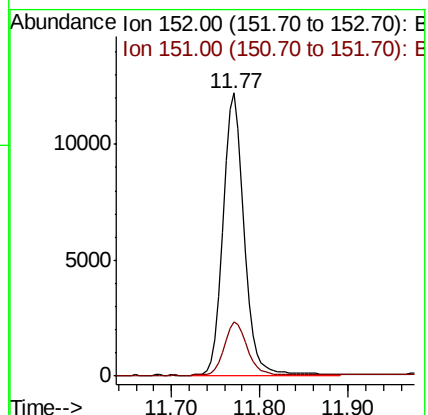
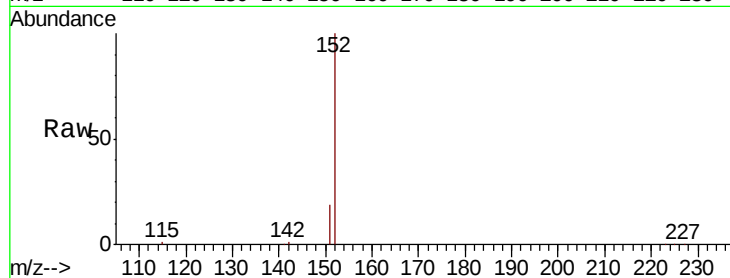
SSTDICC3.2

Tot Ion:152 Resp: 20506

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4



#12

2-Methylnaphthalene

Concen: 2.987 ng

RT: 11.85 min Scan# 989

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

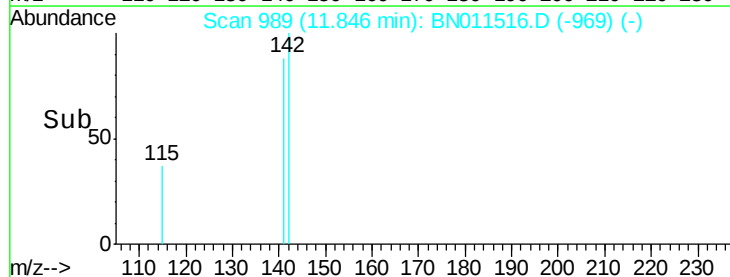
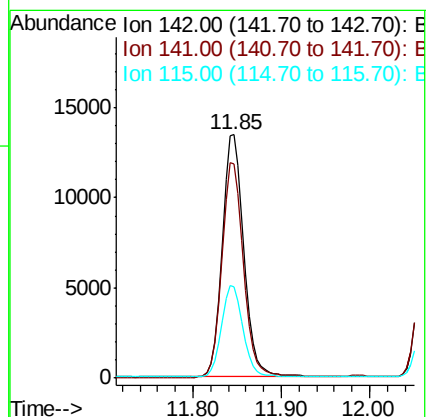
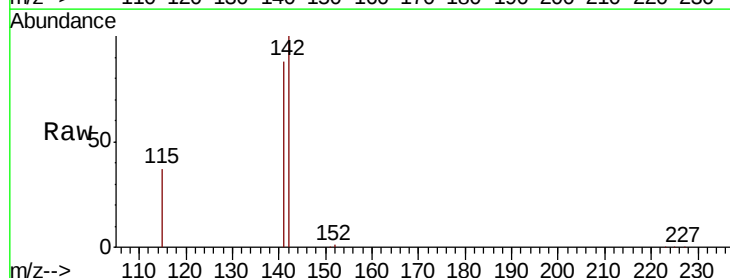
Tgt Ion:142 Resp: 23357

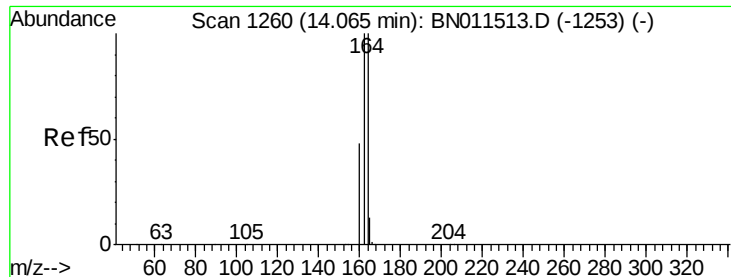
Ion Ratio Lower Upper

142 100

141 87.9 70.9 106.3

115 37.4 33.2 49.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

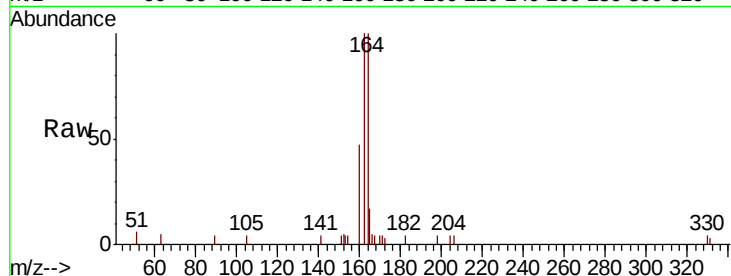
Tot Ion:164 Resp: 2255

Ion Ratio Lower Upper

164 100

162 99.8 79.8 119.8

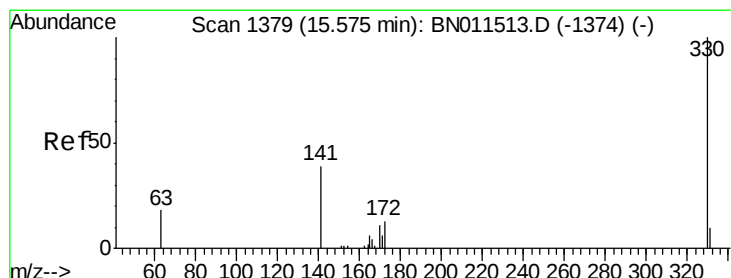
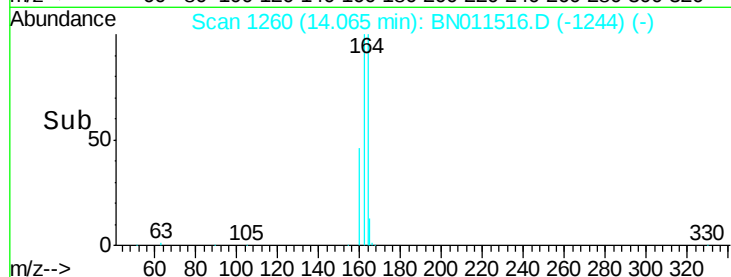
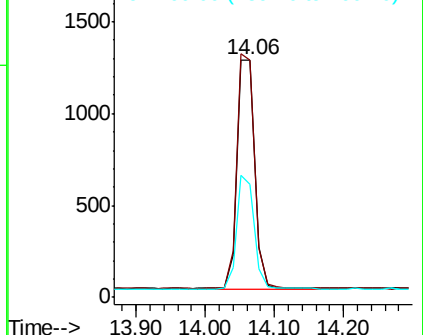
160 47.4 39.6 59.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 3.329 ng

RT: 15.56 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

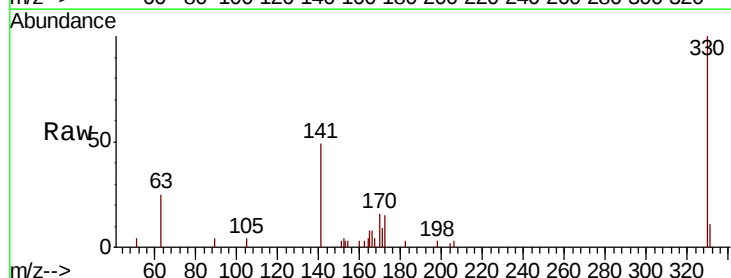
Tgt Ion:330 Resp: 3464

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

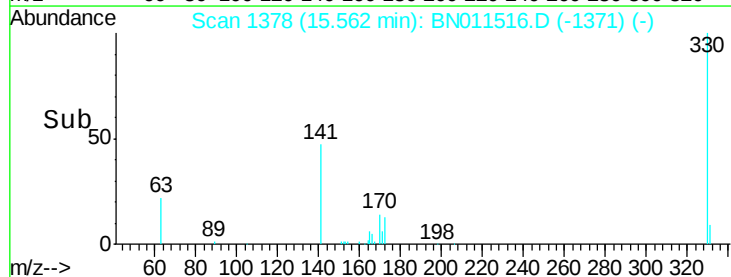
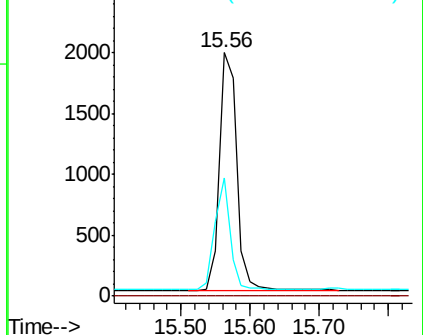
141 41.2 35.8 53.6

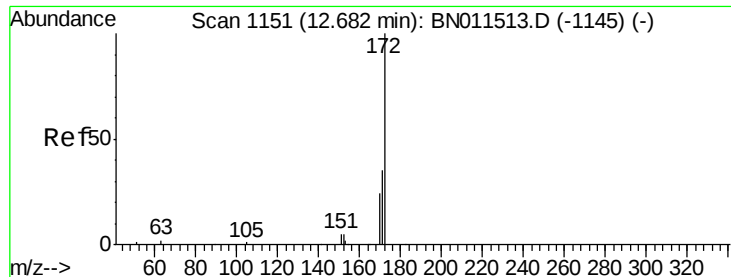


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 3.160 ng

RT: 12.67 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

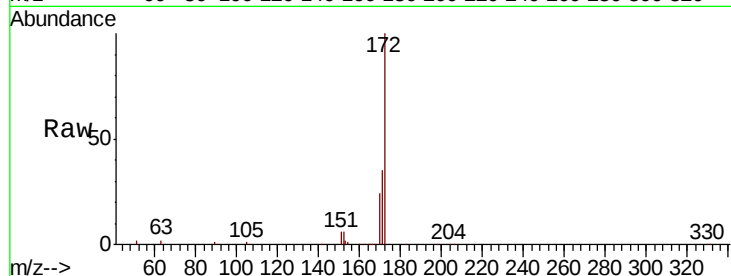
BNA\_N

ClientSampleId :

SSTDICC3.2

Tot Ion:172 Resp: 30771

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.3  | 29.5  | 44.3  |
| 170 | 23.9  | 20.9  | 31.3  |

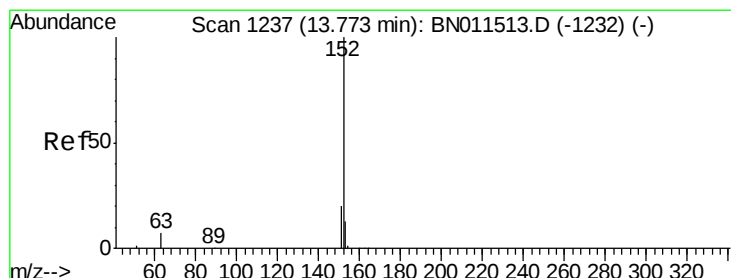
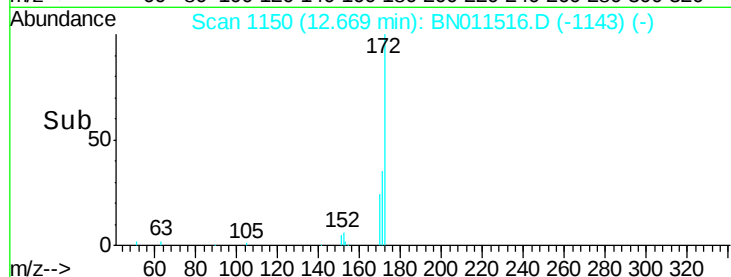
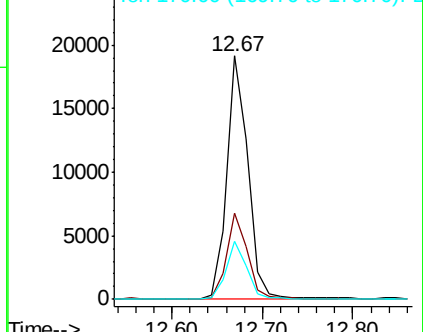


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 3.085 ng

RT: 13.77 min Scan# 1237

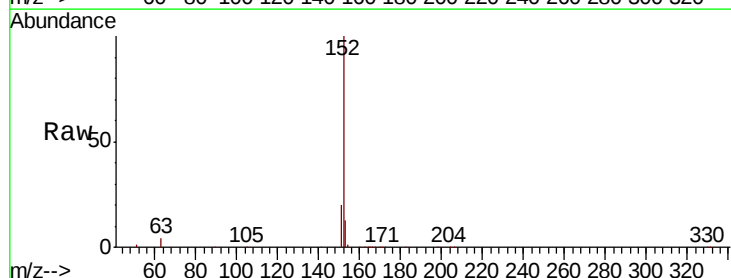
Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Tgt Ion:152 Resp: 35806

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.4  | 15.8  | 23.6  |
| 153 | 13.0  | 10.1  | 15.1  |

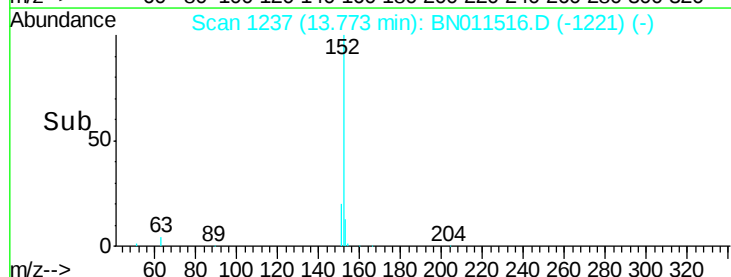
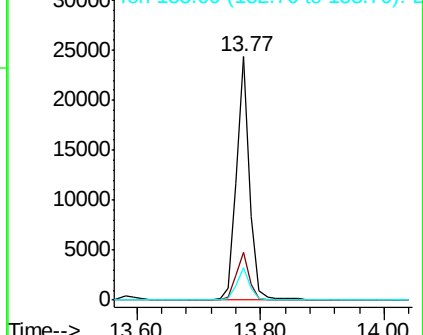


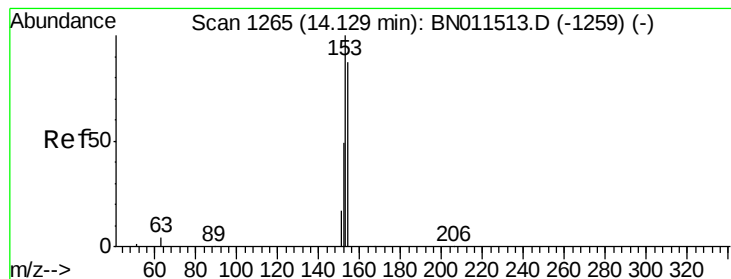
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 2.975 ng

RT: 14.12 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

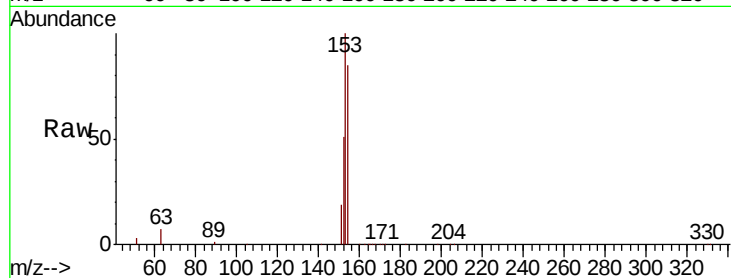
Tot Ion:154 Resp: 22531

Ion Ratio Lower Upper

154 100

153 113.9 92.1 138.1

152 56.5 46.4 69.6

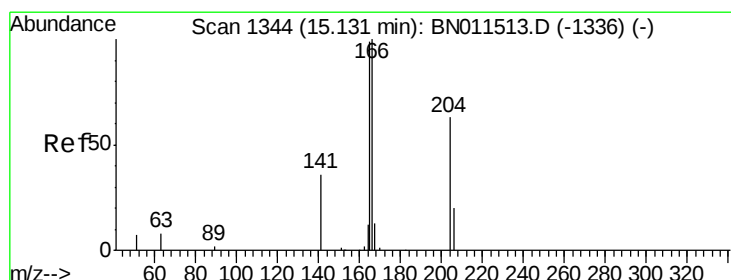
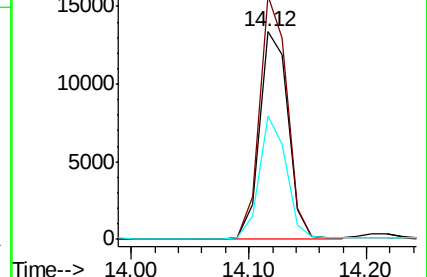
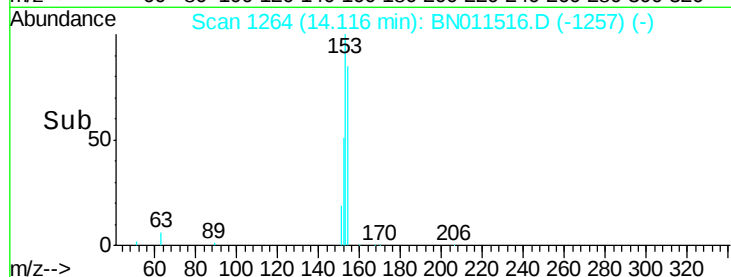


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.12



#18

Fluorene

Concen: 3.084 ng

RT: 15.12 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

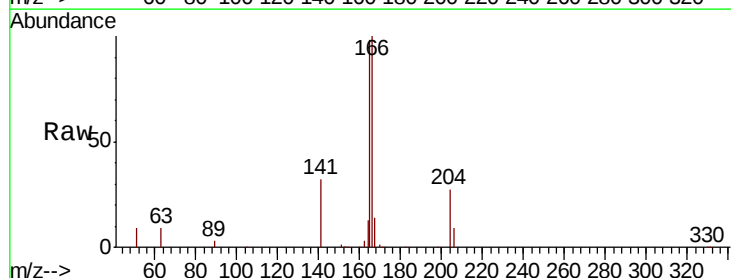
Tgt Ion:166 Resp: 29962

Ion Ratio Lower Upper

166 100

165 97.9 80.4 120.6

167 13.6 10.7 16.1

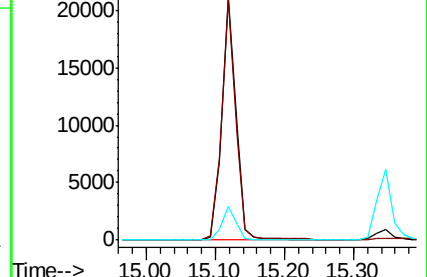
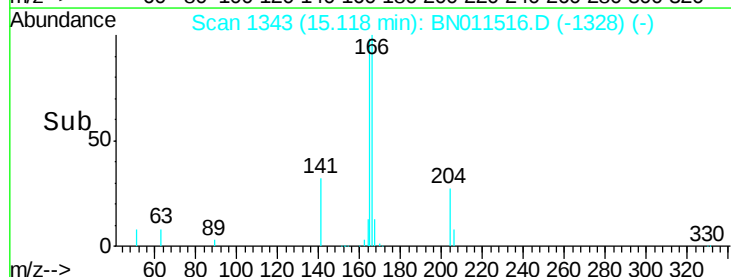


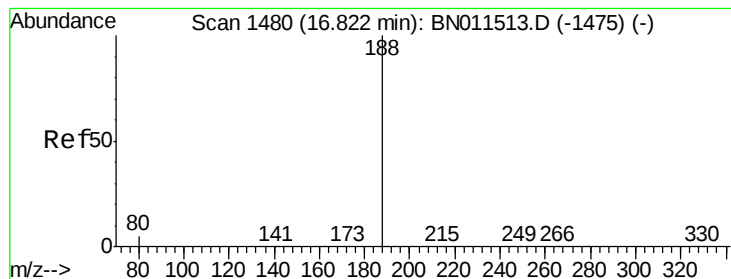
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.12





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.82 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

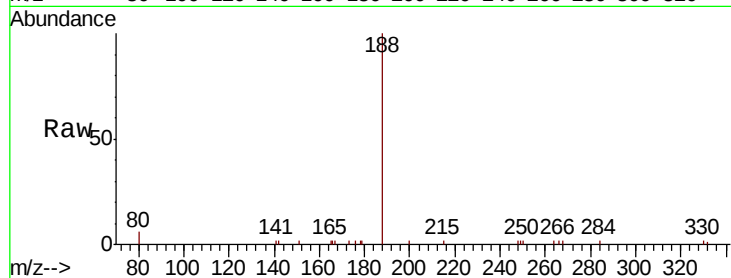
Tot Ion:188 Resp: 4967

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

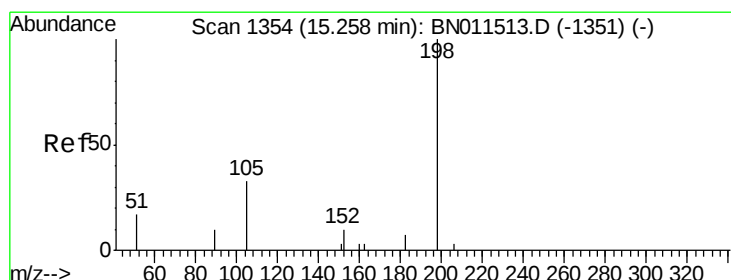
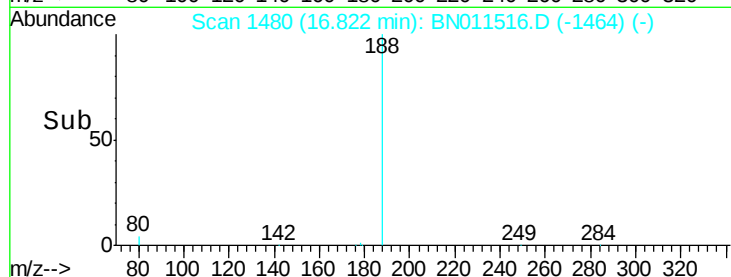
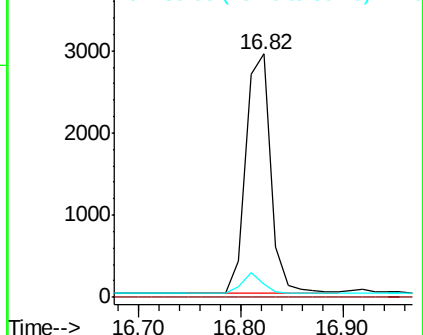
80 5.6 5.4 8.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4,6-Dinitro-2-methylphenol

Concen: 3.701 ng

RT: 15.22 min Scan# 1351

Delta R.T. -0.04 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

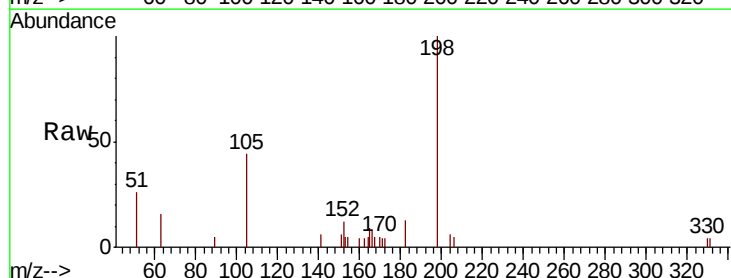
Tgt Ion:198 Resp: 2543

Ion Ratio Lower Upper

198 100

51 25.9 75.8 113.6#

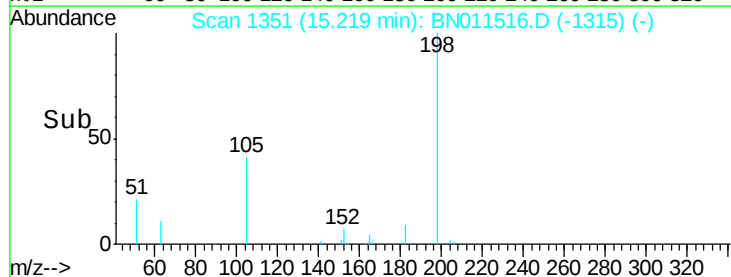
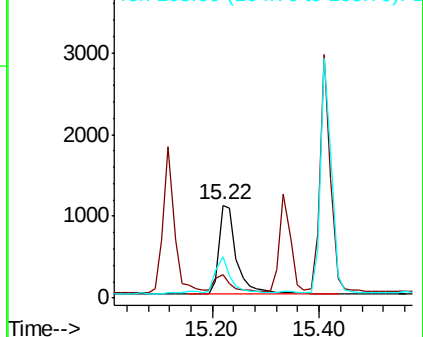
105 44.5 65.3 97.9#

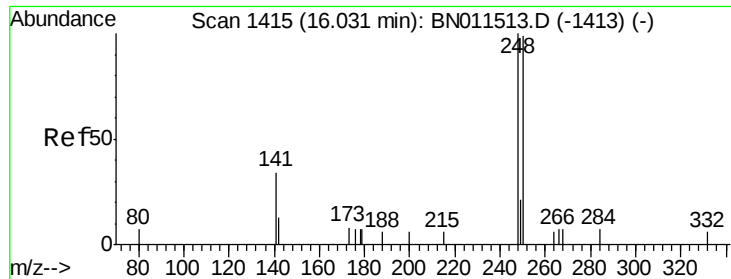


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

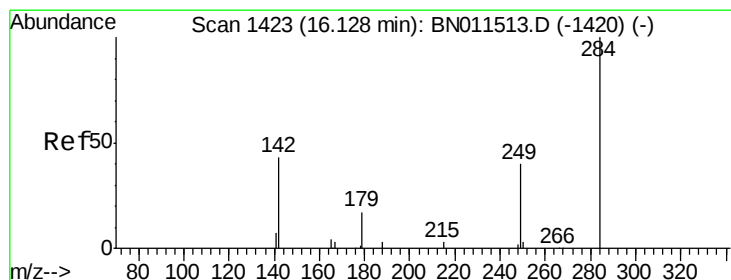
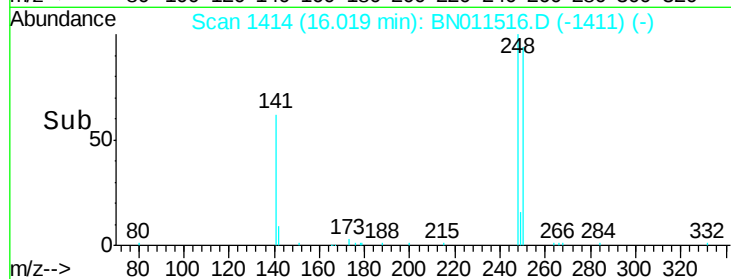
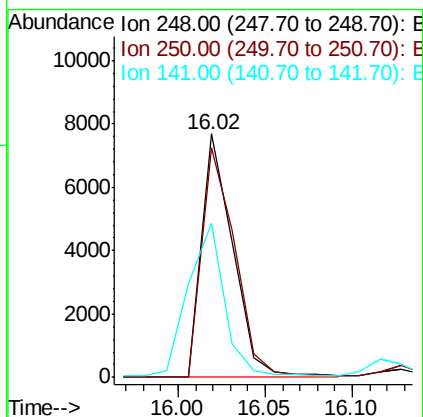
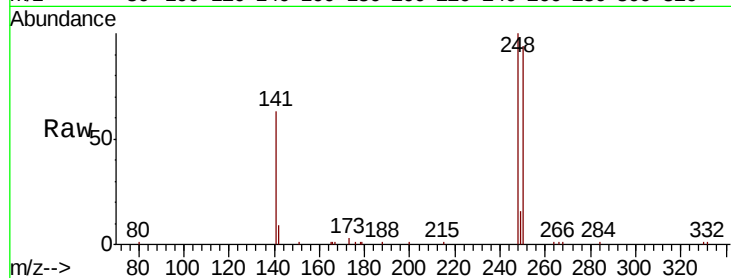




#21  
4-Bromophenyl-phenylether  
Concen: 2.907 ng  
RT: 16.02 min Scan# 1414  
Delta R.T. -0.01 min  
Lab File: BN011516.D  
Acq: 19 Aug 2020 14:35

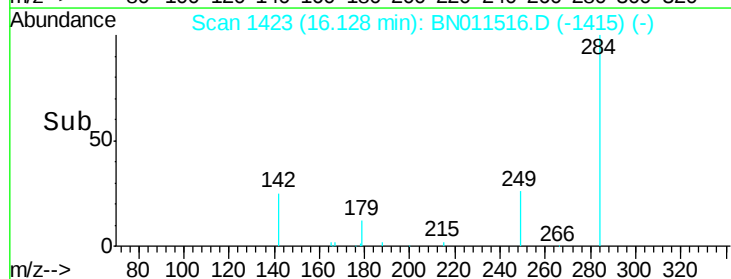
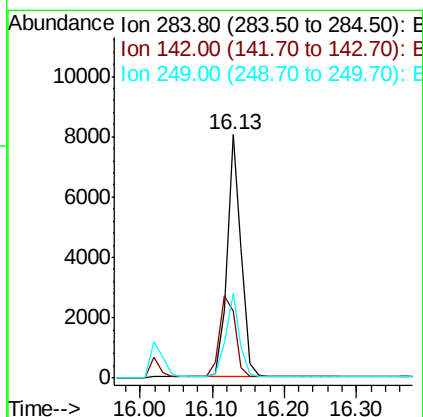
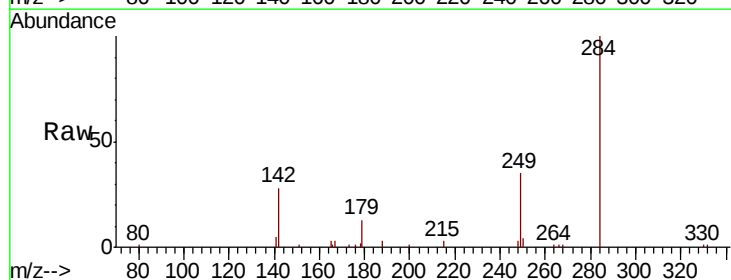
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

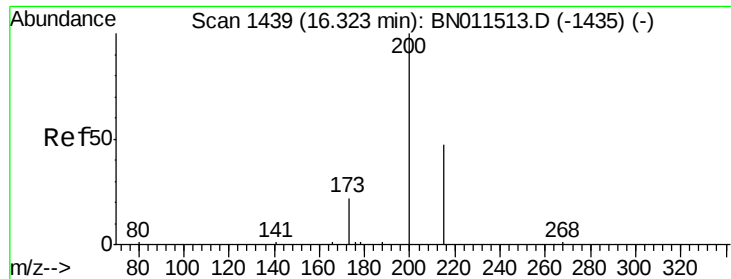
Tot Ion:248 Resp: 9573  
Ion Ratio Lower Upper  
248 100  
250 94.0 79.4 119.0  
141 63.1 40.8 61.2#



#22  
Hexachlorobenzene  
Concen: 2.954 ng  
RT: 16.13 min Scan# 1423  
Delta R.T. -0.00 min  
Lab File: BN011516.D  
Acq: 19 Aug 2020 14:35

Tgt Ion:284 Resp: 11030  
Ion Ratio Lower Upper  
284 100  
142 37.8 31.7 47.5  
249 33.4 27.4 41.2

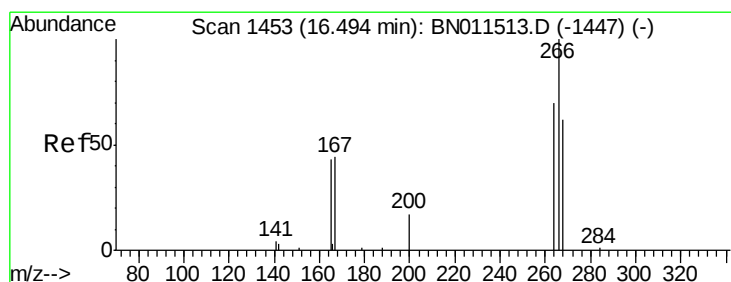
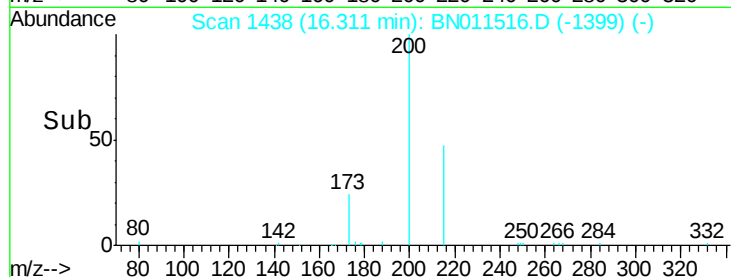
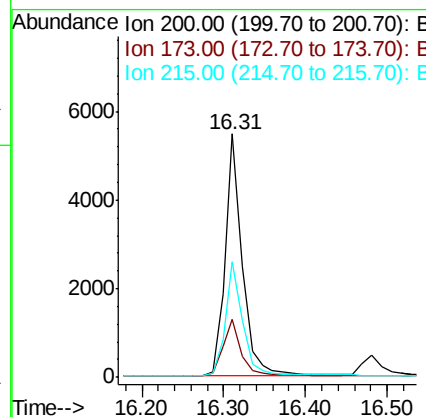
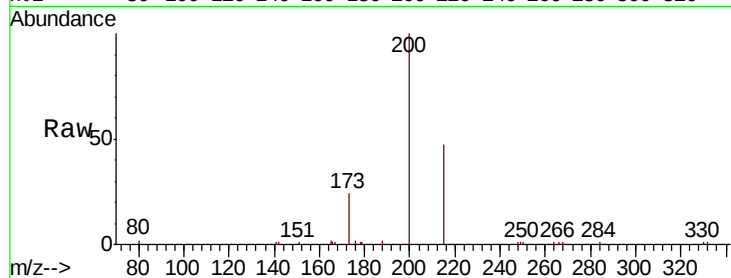




#23  
Atrazine  
Concen: 3.108 ng  
RT: 16.31 min Scan# 1438  
Delta R.T. -0.01 min  
Lab File: BN011516.D  
Acq: 19 Aug 2020 14:35

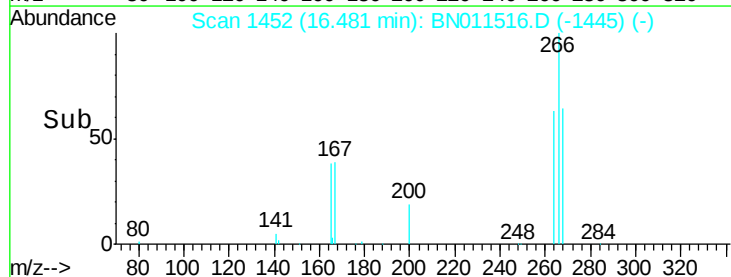
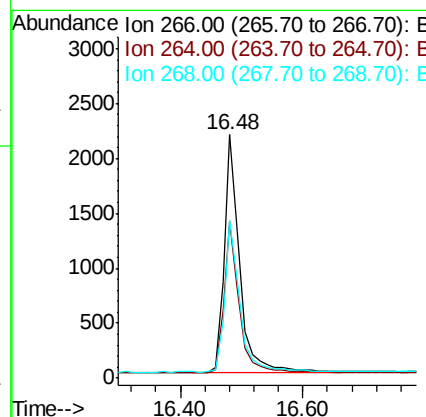
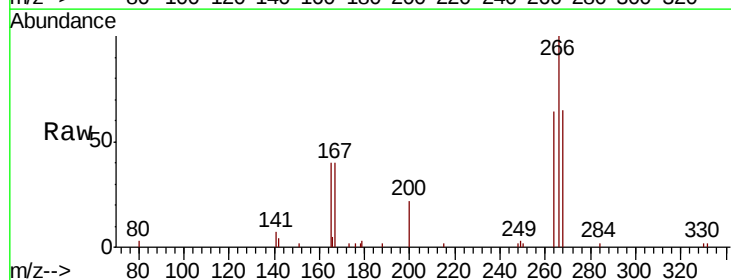
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

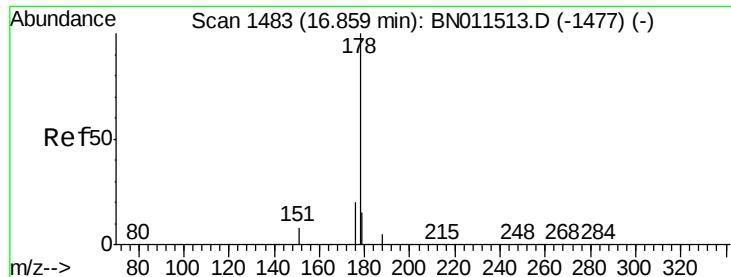
Tot Ion:200 Resp: 7968  
Ion Ratio Lower Upper  
200 100  
173 23.8 24.0 36.0#  
215 47.5 42.2 63.4



#24  
Pentachlorophenol  
Concen: 3.346 ng  
RT: 16.48 min Scan# 1452  
Delta R.T. -0.01 min  
Lab File: BN011516.D  
Acq: 19 Aug 2020 14:35

Tgt Ion:266 Resp: 3877  
Ion Ratio Lower Upper  
266 100  
264 63.6 53.7 80.5  
268 63.7 53.0 79.4





#25

Phenanthrene

Concen: 3.042 ng

RT: 16.86 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

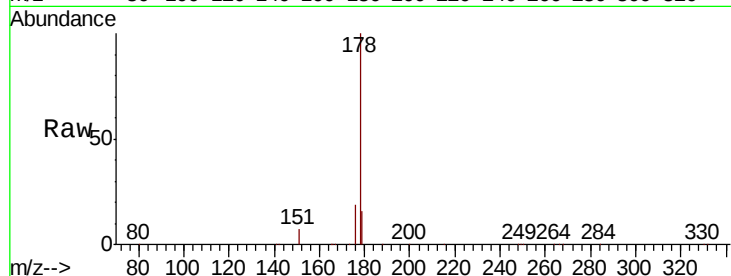
Tot Ion:178 Resp: 49169

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

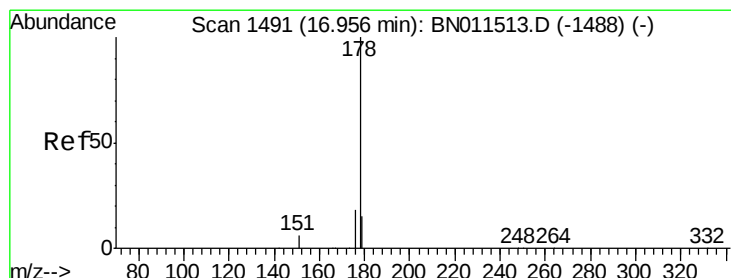
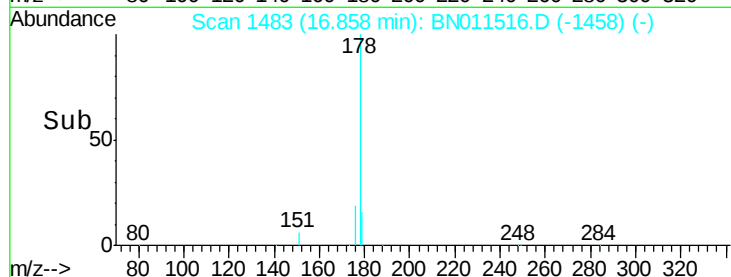
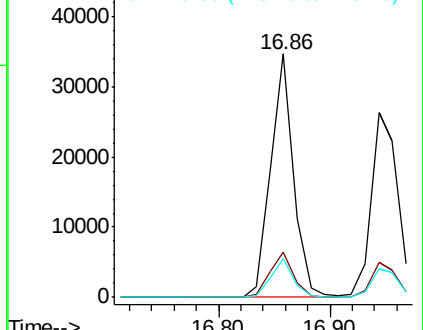
179 15.4 12.3 18.5



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: 3.311 ng

RT: 16.94 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

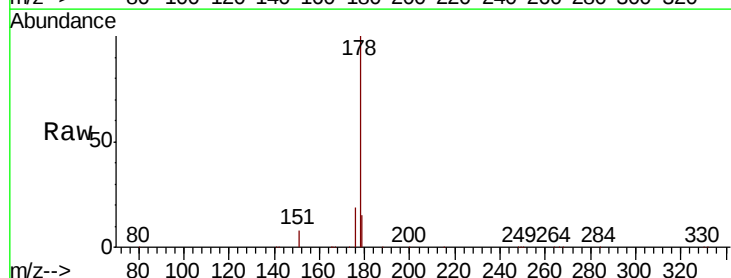
Tgt Ion:178 Resp: 44486

Ion Ratio Lower Upper

178 100

176 18.3 14.4 21.6

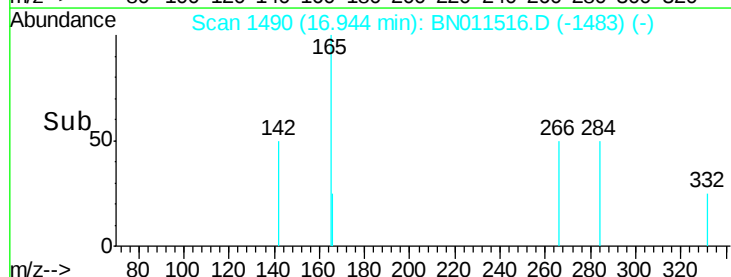
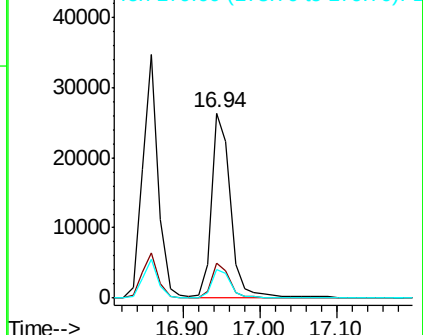
179 15.3 12.2 18.2

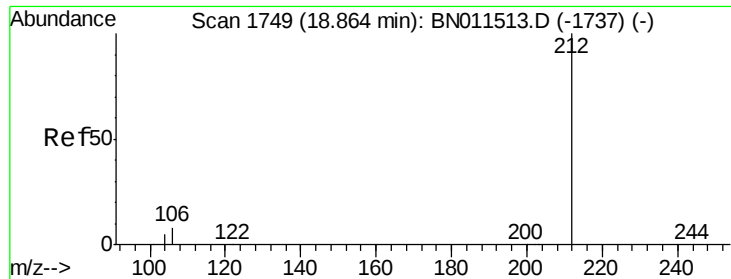


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

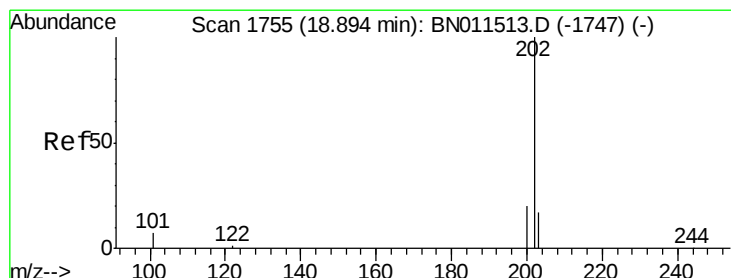
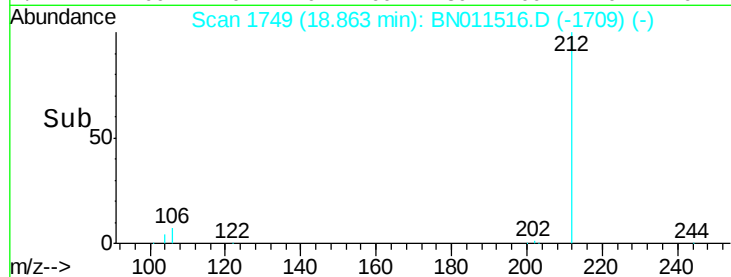
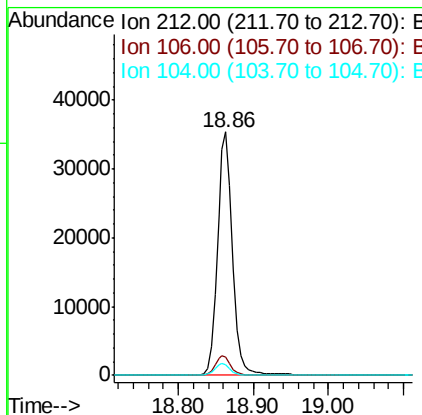
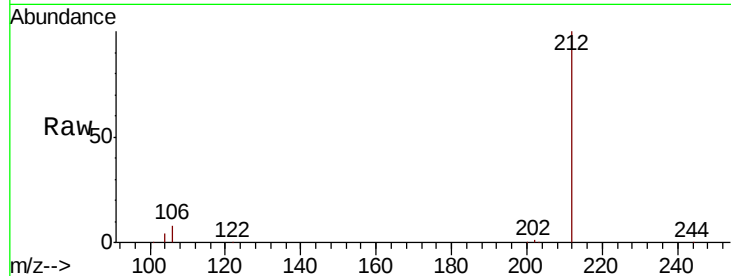




#27  
 Fluoranthene-d10  
 Concen: 3.262 ng  
 RT: 18.86 min Scan# 1749  
 Delta R.T. -0.00 min  
 Lab File: BN011516.D  
 Acq: 19 Aug 2020 14:35

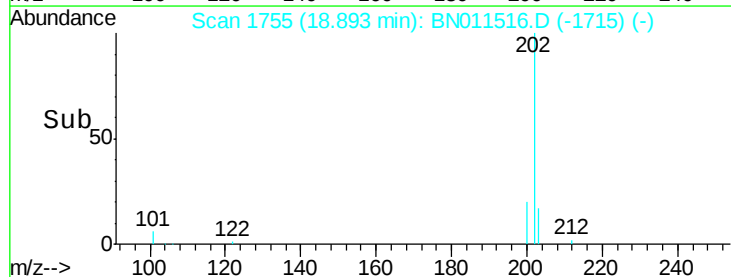
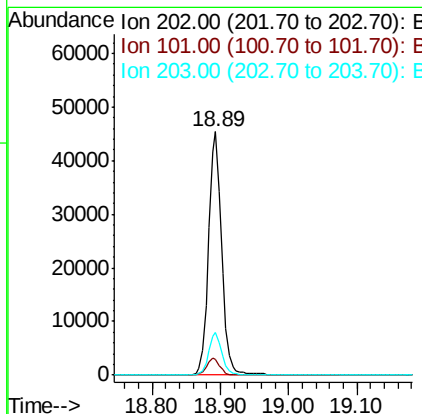
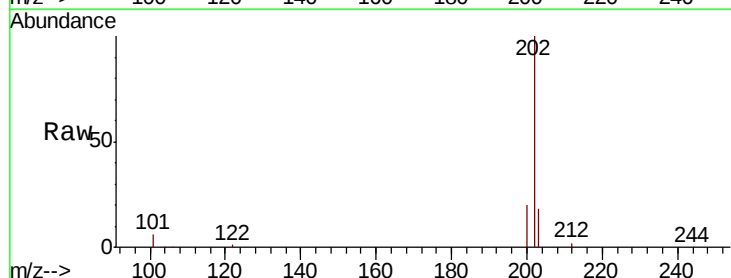
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC3.2

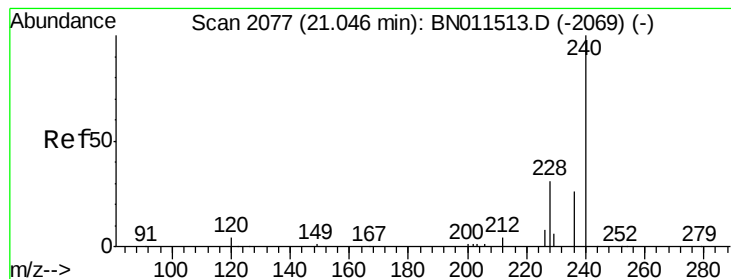
Tot Ion:212 Resp: 49471  
 Ion Ratio Lower Upper  
 212 100  
 106 8.2 6.0 9.0  
 104 4.8 3.7 5.5



#28  
 Fluoranthene  
 Concen: 3.298 ng  
 RT: 18.89 min Scan# 1755  
 Delta R.T. -0.00 min  
 Lab File: BN011516.D  
 Acq: 19 Aug 2020 14:35

Tgt Ion:202 Resp: 60616  
 Ion Ratio Lower Upper  
 202 100  
 101 7.1 5.1 7.7  
 203 17.4 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.04 min Scan# 2076

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

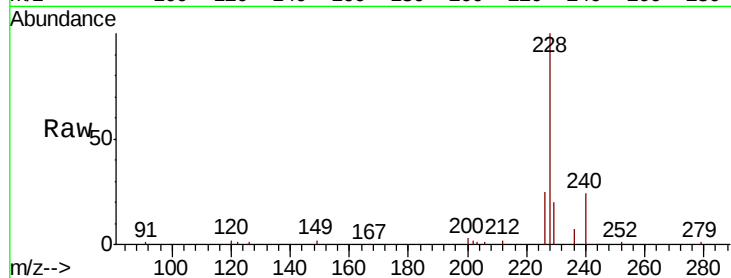
Tot Ion:240 Resp: 6440

Ion Ratio Lower Upper

240 100

120 10.1 6.0 9.0#

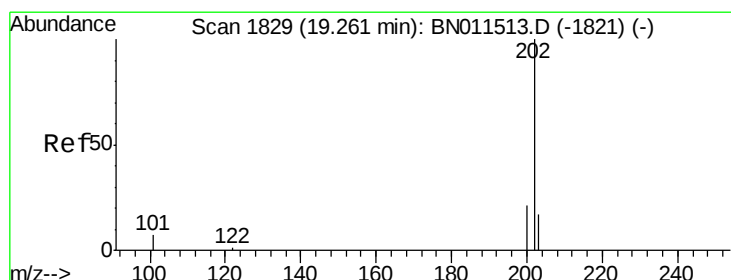
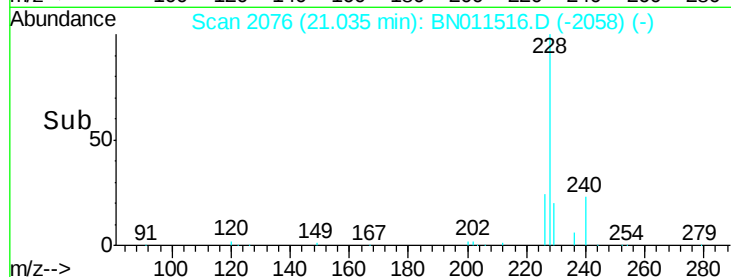
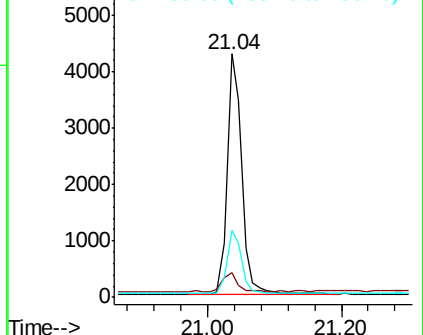
236 27.7 22.6 33.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#30

Pyrene

Concen: 2.090 ng

RT: 19.26 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

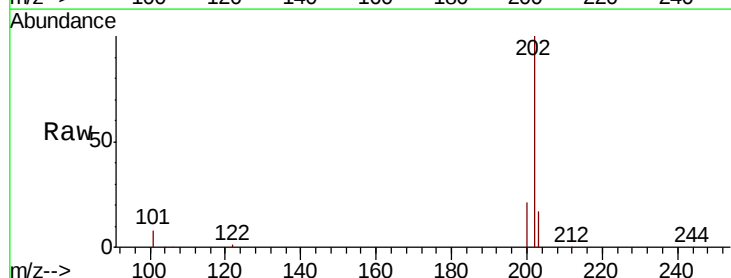
Tgt Ion:202 Resp: 60674

Ion Ratio Lower Upper

202 100

200 20.4 16.6 25.0

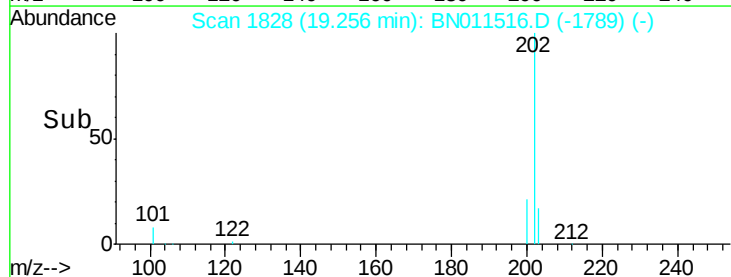
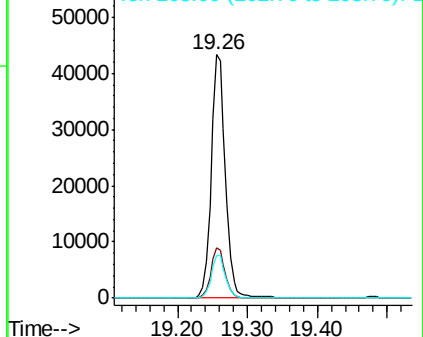
203 17.5 13.9 20.9

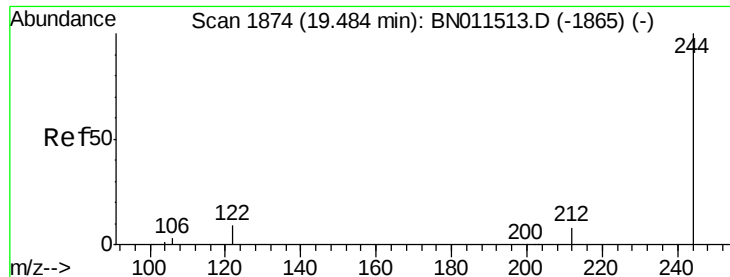


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 2.170 ng

RT: 19.48 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

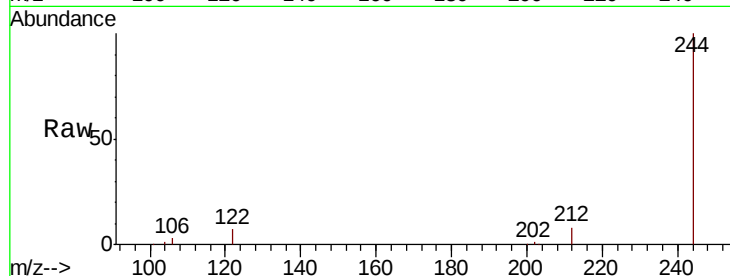
Tot Ion:244 Resp: 42302

Ion Ratio Lower Upper

244 100

212 8.1 8.2 12.4#

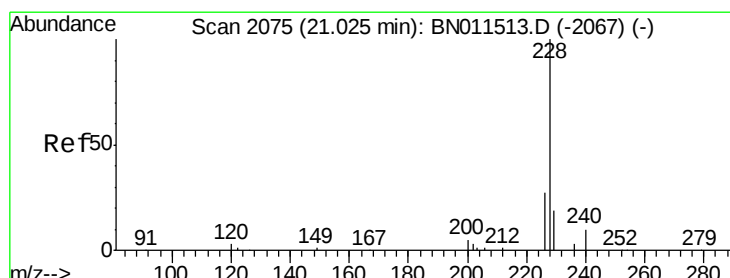
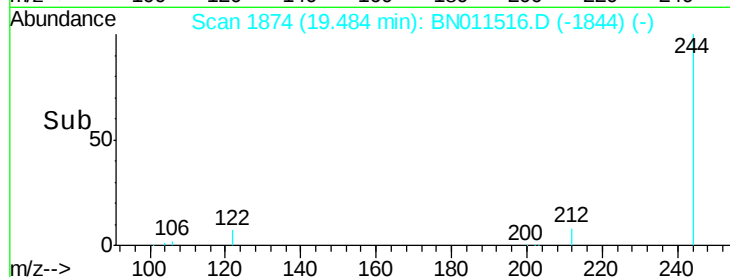
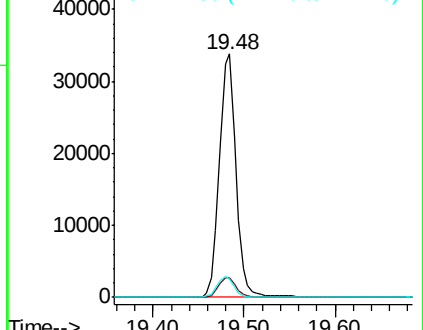
122 7.5 8.4 12.6#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#32

Benzo(a)anthracene

Concen: 2.794 ng

RT: 21.02 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

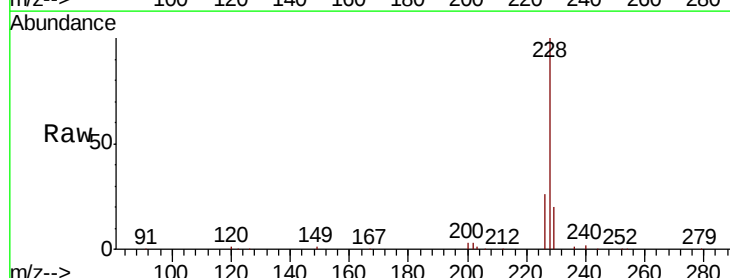
Tgt Ion:228 Resp: 60301

Ion Ratio Lower Upper

228 100

226 26.4 22.6 33.8

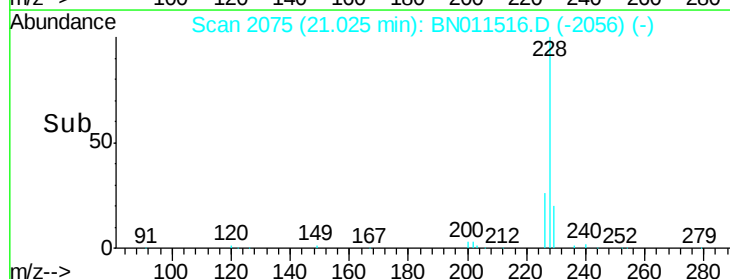
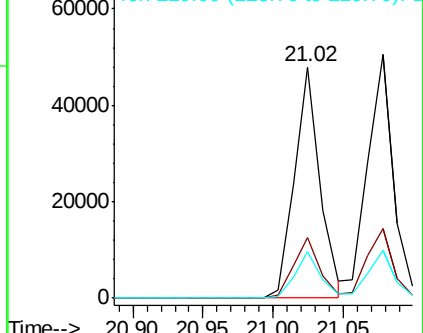
229 19.9 16.2 24.2

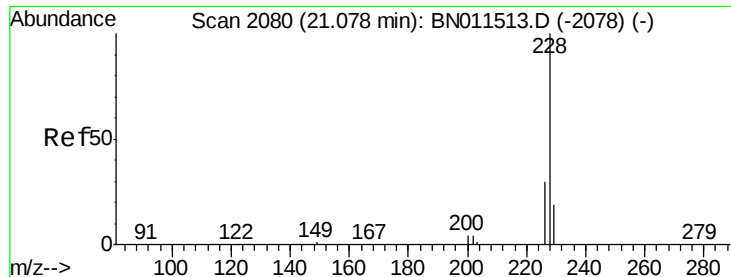


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 2.678 ng

RT: 21.08 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

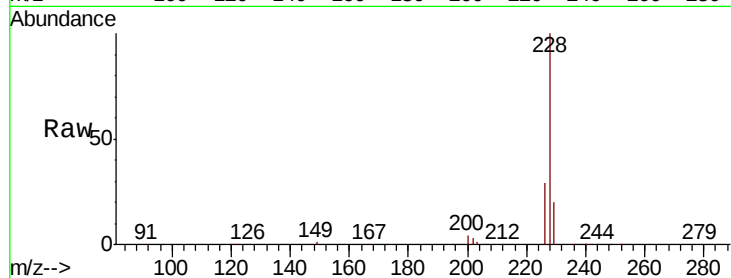
Tot Ion:228 Resp: 64837

Ion Ratio Lower Upper

228 100

226 28.5 24.6 37.0

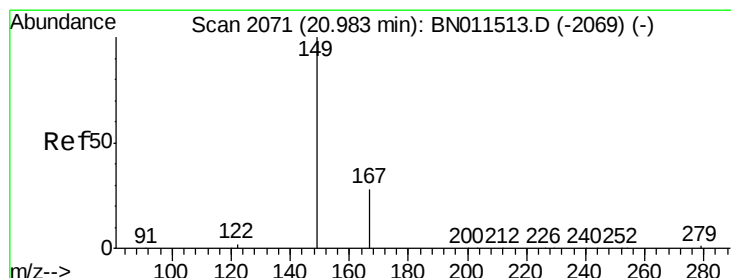
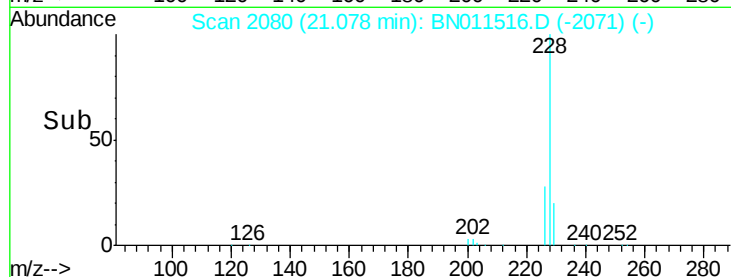
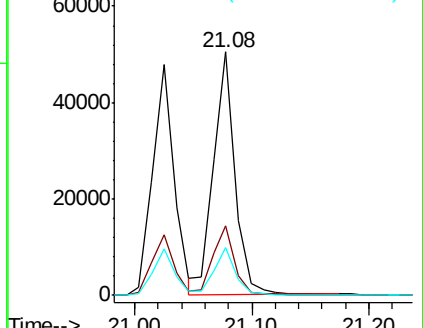
229 19.7 15.9 23.9



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: 1.753 ng

RT: 20.98 min Scan# 2071

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

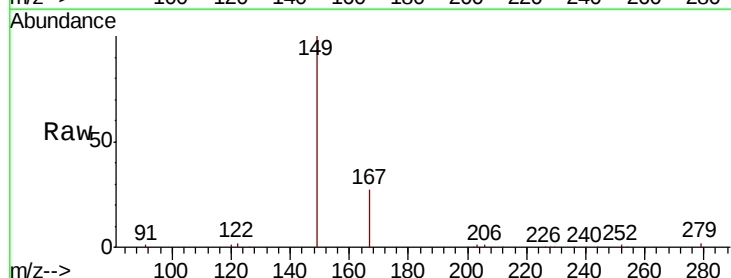
Tgt Ion:149 Resp: 20294

Ion Ratio Lower Upper

149 100

167 28.0 23.0 34.4

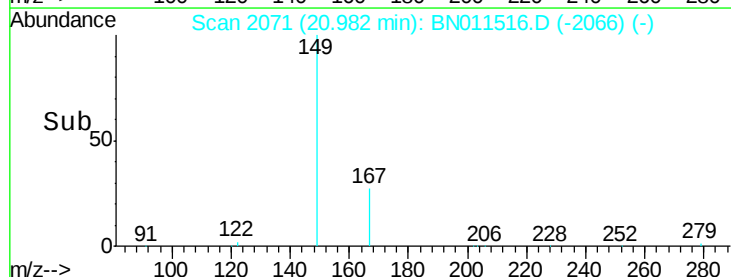
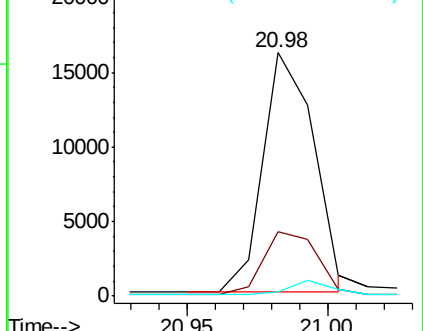
279 4.9 4.1 6.1

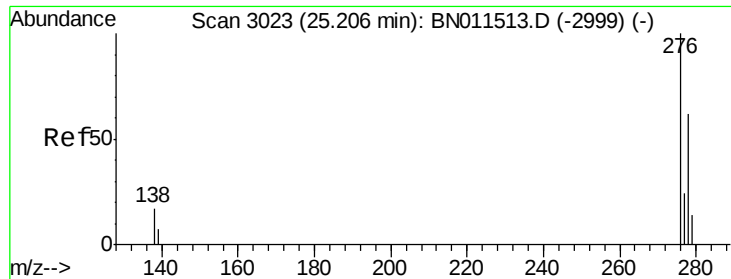


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

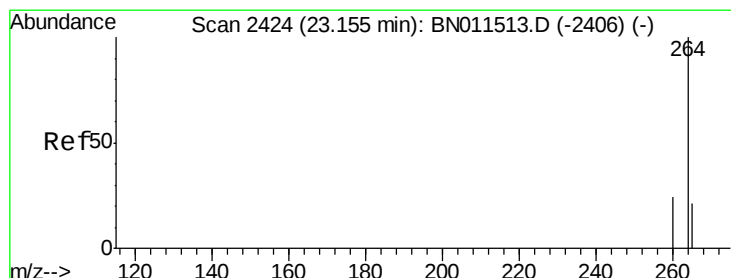
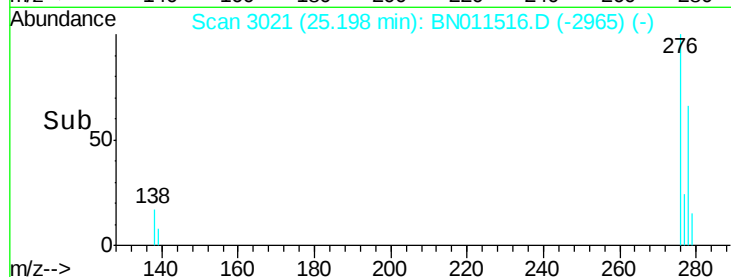
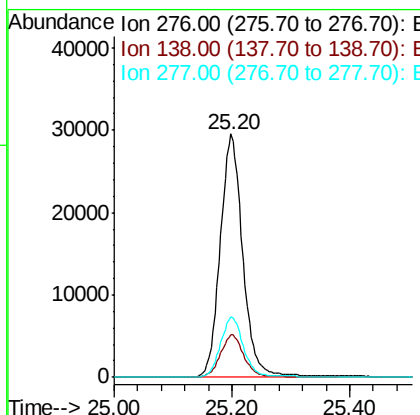
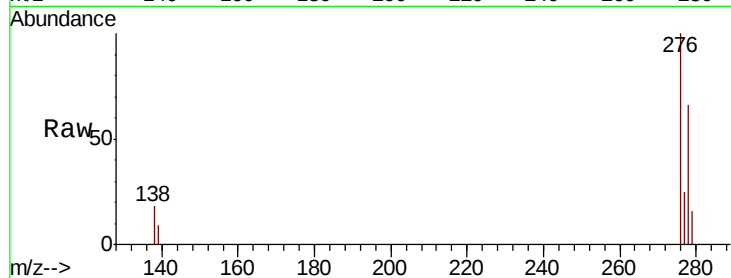




#35  
 Indeno(1,2,3-cd)pyrene  
 Concen: 3.297 ng  
 RT: 25.20 min Scan# 3021  
 Delta R.T. -0.01 min  
 Lab File: BN011516.D  
 Acq: 19 Aug 2020 14:35

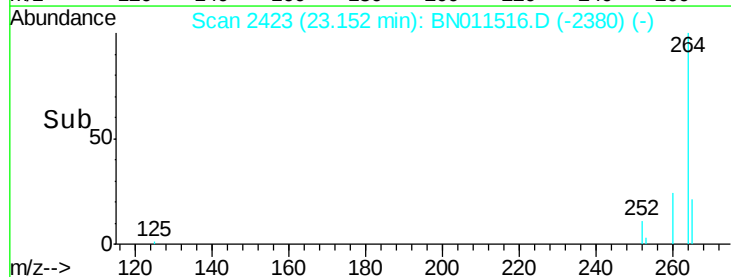
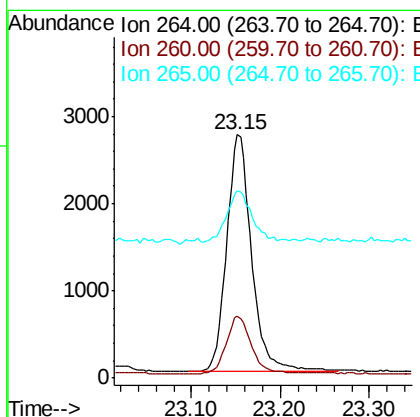
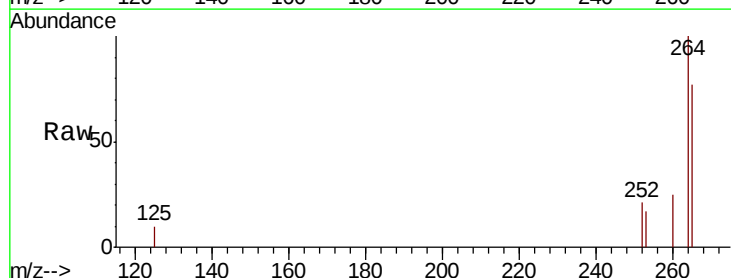
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC3.2

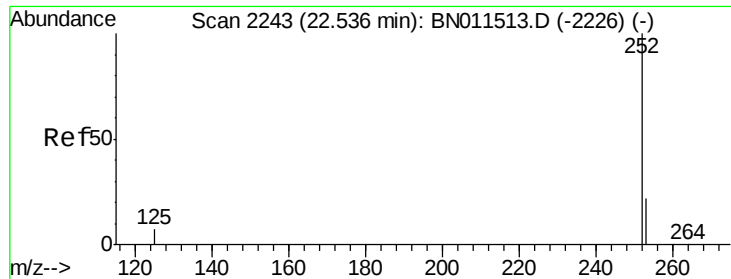
Tot Ion:276 Resp: 77960  
 Ion Ratio Lower Upper  
 276 100  
 138 17.7 13.6 20.4  
 277 24.7 19.8 29.8



#36  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.15 min Scan# 2423  
 Delta R.T. -0.00 min  
 Lab File: BN011516.D  
 Acq: 19 Aug 2020 14:35

Tgt Ion:264 Resp: 5333  
 Ion Ratio Lower Upper  
 264 100  
 260 25.3 20.0 30.0  
 265 77.0 62.6 94.0





#37

Benzo(b)fluoranthene

Concen: 3.106 ng

RT: 22.53 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

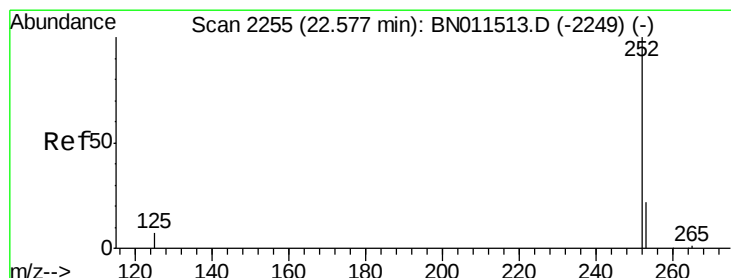
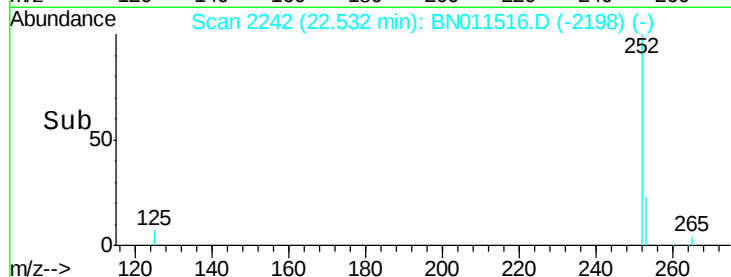
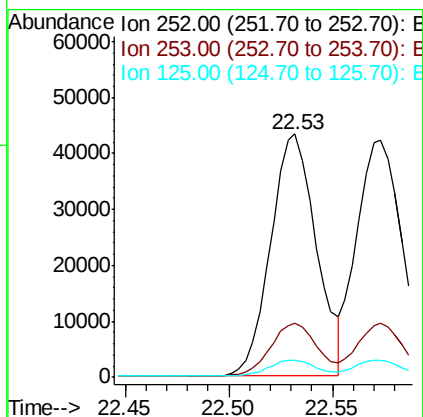
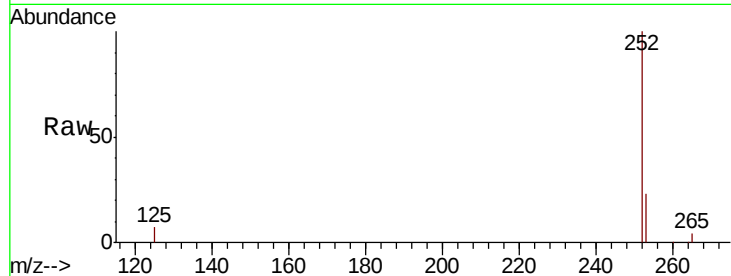
Tot Ion:252 Resp: 66052

Ion Ratio Lower Upper

252 100

253 22.5 23.0 34.6#

125 7.2 9.0 13.4#



#38

Benzo(k)fluoranthene

Concen: 2.858 ng

RT: 22.57 min Scan# 2254

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

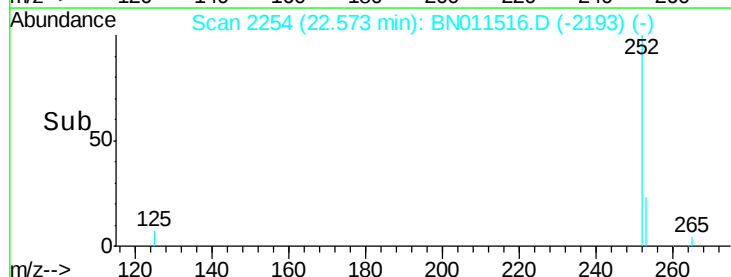
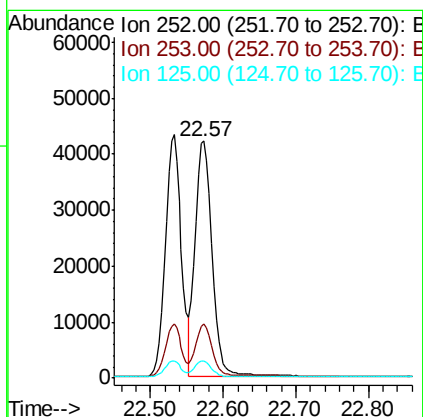
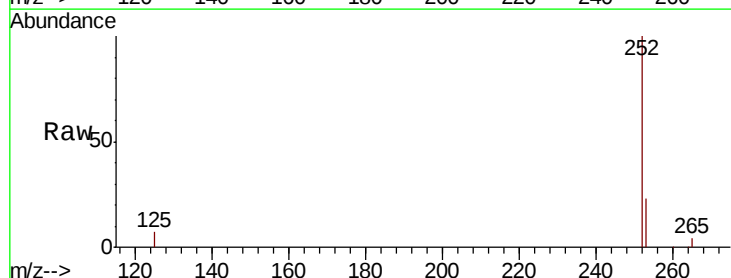
Tgt Ion:252 Resp: 66903

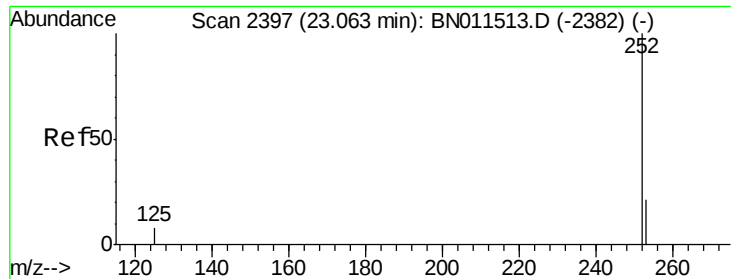
Ion Ratio Lower Upper

252 100

253 22.7 23.4 35.0#

125 7.2 9.7 14.5#





#39

Benzo(a)pyrene

Concen: 3.119 ng

RT: 23.06 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

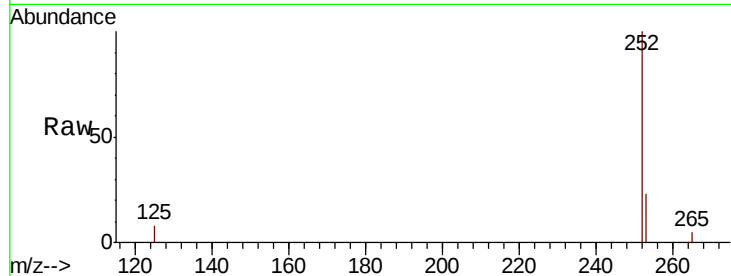
Tot Ion:252 Resp: 57564

Ion Ratio Lower Upper

252 100

253 22.6 25.4 38.0#

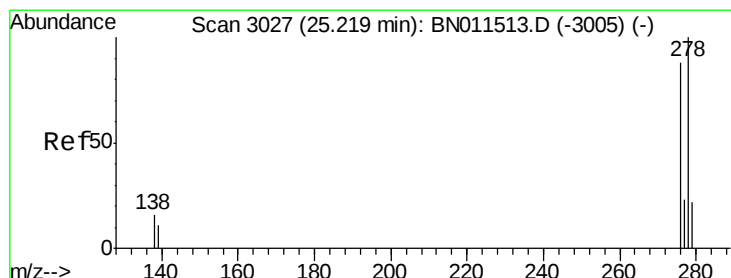
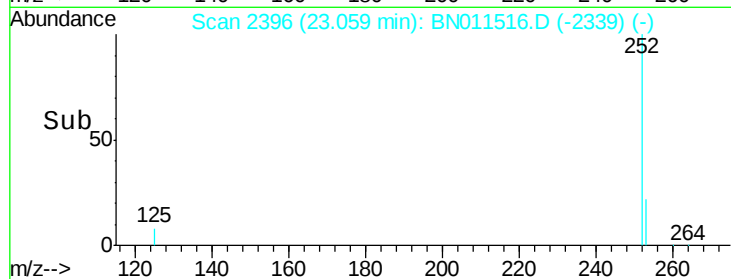
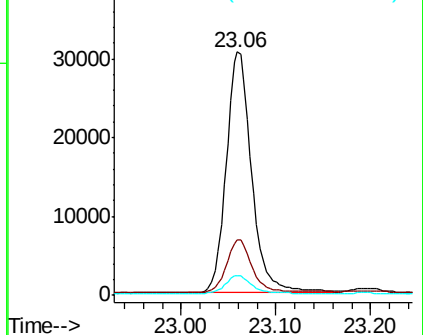
125 8.3 11.6 17.4#



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: 3.369 ng

RT: 25.21 min Scan# 3024

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

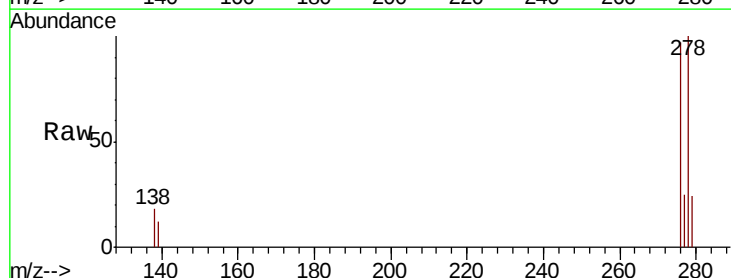
Tgt Ion:278 Resp: 64313

Ion Ratio Lower Upper

278 100

139 11.9 11.1 16.7

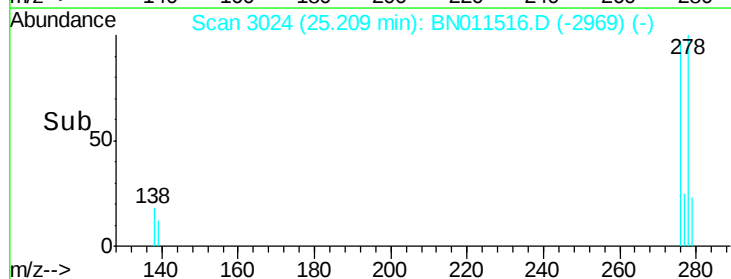
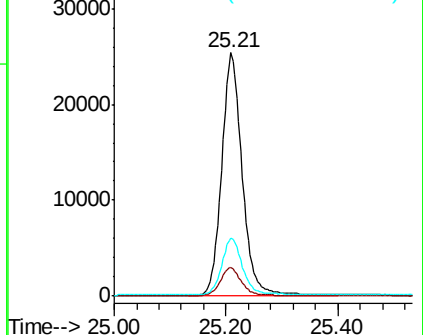
279 23.6 23.3 34.9

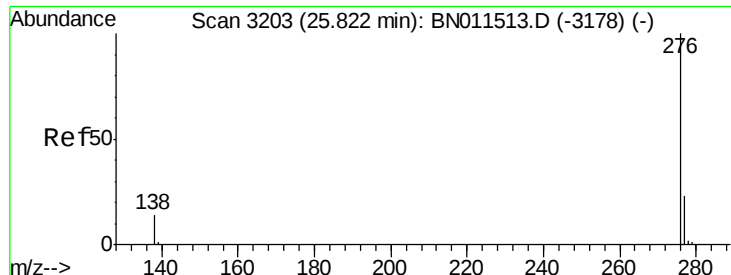


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.077 ng

RT: 25.82 min Scan# 3203

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

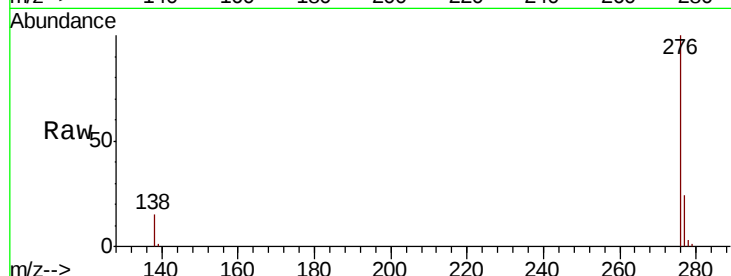
Tot Ion: 276 Resp: 65139

Ion Ratio Lower Upper

276 100

277 24.0 20.5 30.7

138 15.2 13.2 19.8



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

