

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091520\  
 Data File : BN011797.D  
 Acq On : 15 Sep 2020 11:58  
 Operator : CG/JU  
 Sample : SSTDICCC0.4  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICCC0.4

Quant Time: Sep 15 12:49:21 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 15 12:47:27 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 1799     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.50 | 136  | 6373     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.36 | 164  | 3832     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.10 | 188  | 8697     | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12          | 21.31 | 240  | 12842    | 0.40 | ng    | 0.00     |
| 36) Perylene-d12          | 23.56 | 264  | 13417    | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.32  | 112 | 1956  | 0.40 | ng | 0.00 |
| 5) Phenol-d6                | 6.89  | 99  | 2504  | 0.41 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.87  | 82  | 2721  | 0.39 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.10 | 152 | 4505  | 0.38 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.85 | 330 | 799   | 0.39 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 12.99 | 172 | 6497  | 0.38 | ng | 0.00 |
| 27) Fluoranthene-d10        | 19.15 | 212 | 10470 | 0.37 | ng | 0.00 |
| 31) Terphenyl-d14           | 19.75 | 244 | 21173 | 0.59 | ng | 0.00 |

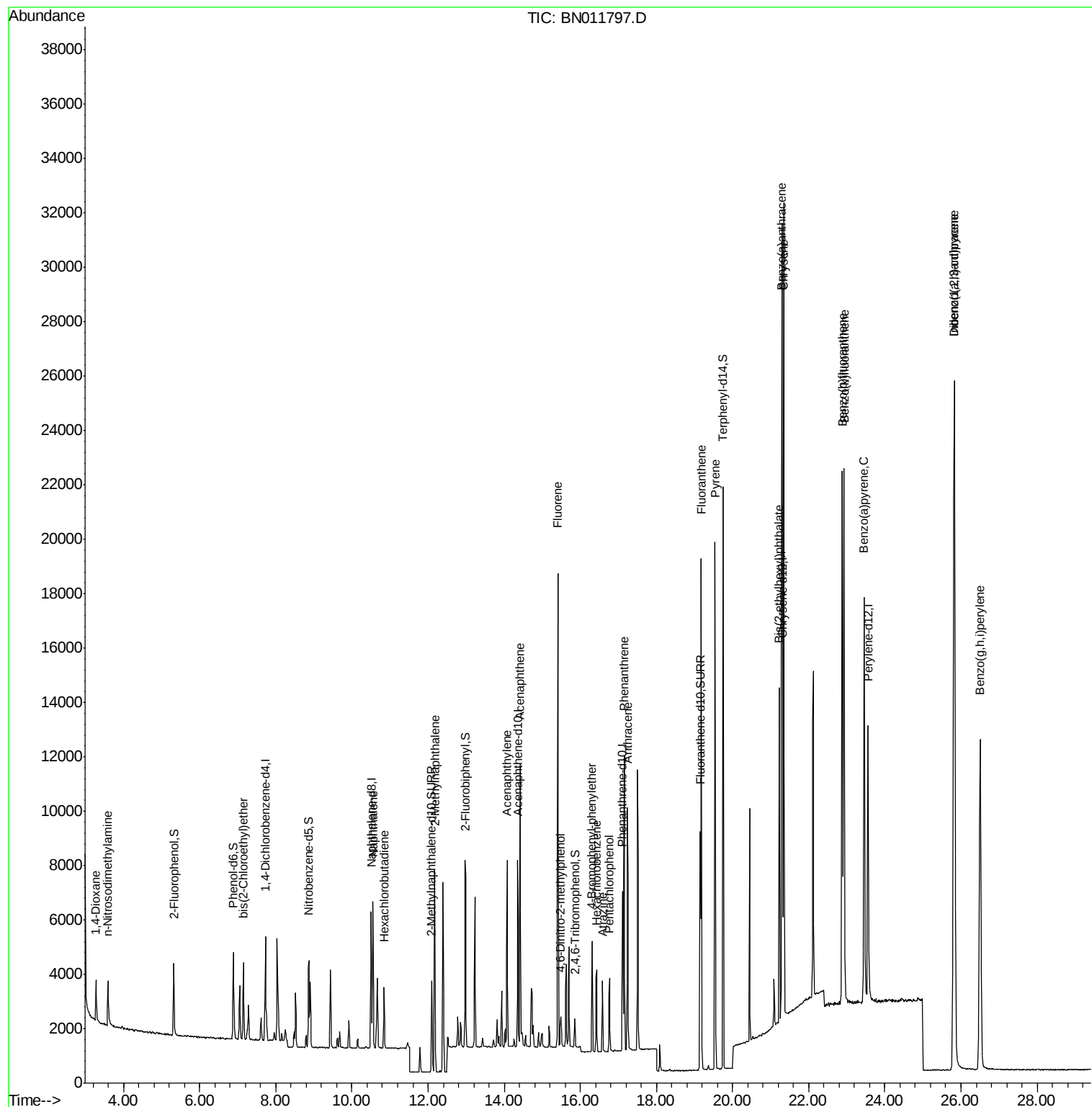
|                                |       |     |       |        |    |       |
|--------------------------------|-------|-----|-------|--------|----|-------|
| Target Compounds               |       |     |       | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.28  | 88  | 894   | 0.376  | ng | 100   |
| 3) n-Nitrosodimethylamine      | 3.58  | 42  | 1553  | 0.409  | ng | 100   |
| 6) bis(2-Chloroethyl)ether     | 7.15  | 93  | 2037  | 0.396  | ng | 100   |
| 9) Naphthalene                 | 10.55 | 128 | 6911  | 0.376  | ng | 100   |
| 10) Hexachlorobutadiene        | 10.85 | 225 | 1700  | 0.377  | ng | # 100 |
| 12) 2-Methylnaphthalene        | 12.17 | 142 | 4907  | 0.378  | ng | 100   |
| 16) Acenaphthylene             | 14.08 | 152 | 7204  | 0.380  | ng | 100   |
| 17) Acenaphthene               | 14.42 | 154 | 5190  | 0.387  | ng | 100   |
| 18) Fluorene                   | 15.41 | 166 | 6411  | 0.380  | ng | 100   |
| 20) 4,6-Dinitro-2-methylphenol | 15.49 | 198 | 891   | 0.464  | ng | 100   |
| 21) 4-Bromophenyl-phenylether  | 16.31 | 248 | 2069  | 0.377  | ng | 100   |
| 22) Hexachlorobenzene          | 16.42 | 284 | 2418  | 0.381  | ng | 100   |
| 23) Atrazine                   | 16.58 | 200 | 2067  | 0.415  | ng | 100   |
| 24) Pentachlorophenol          | 16.76 | 266 | 1285  | 0.482  | ng | 99    |
| 25) Phenanthrene               | 17.15 | 178 | 10770 | 0.378  | ng | 100   |
| 26) Anthracene                 | 17.24 | 178 | 9954  | 0.395  | ng | 100   |
| 28) Fluoranthene               | 19.18 | 202 | 17171 | 0.494  | ng | 100   |
| 30) Pyrene                     | 19.54 | 202 | 17774 | 0.393  | ng | 100   |
| 32) Benzo(a)anthracene         | 21.29 | 228 | 20980 | 0.450  | ng | 100   |
| 33) Chrysene                   | 21.34 | 228 | 22956 | 0.471  | ng | 100   |
| 34) Bis(2-ethylhexyl)phthalate | 21.23 | 149 | 8975  | 0.391  | ng | 100   |
| 35) Indeno(1,2,3-cd)pyrene     | 25.81 | 276 | 31695 | 0.500  | ng | 100   |
| 37) Benzo(b)fluoranthene       | 22.88 | 252 | 25056 | 0.452  | ng | 100   |
| 38) Benzo(k)fluoranthene       | 22.93 | 252 | 25399 | 0.460  | ng | 100   |
| 39) Benzo(a)pyrene             | 23.46 | 252 | 21849 | 0.450  | ng | 100   |
| 40) Dibenzo(a,h)anthracene     | 25.83 | 278 | 27010 | 0.490  | ng | 100   |
| 41) Benzo(g,h,i)perylene       | 26.50 | 276 | 26727 | 0.482  | ng | 100   |

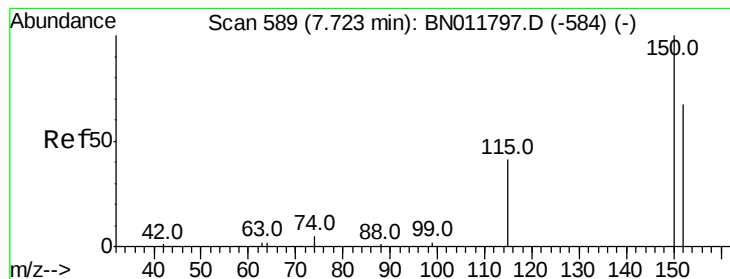
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091520\  
Data File : BN011797.D  
Acq On : 15 Sep 2020 11:58  
Operator : CG/JU  
Sample : SSTDICCC0.4  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

Quant Time: Sep 15 12:49:21 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 15 12:47:27 2020  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 589

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

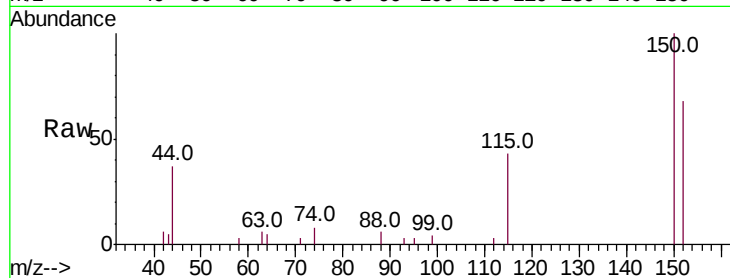
Tot Ion:152 Resp: 1799

Ion Ratio Lower Upper

152 100

150 147.9 118.3 177.5

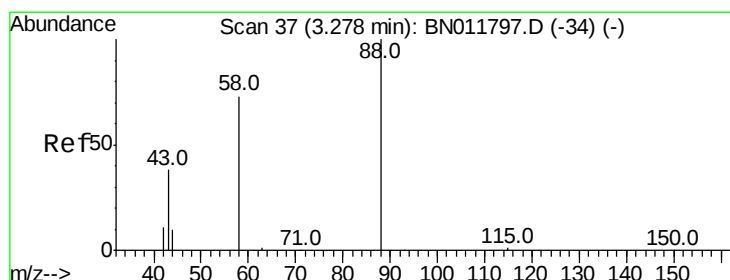
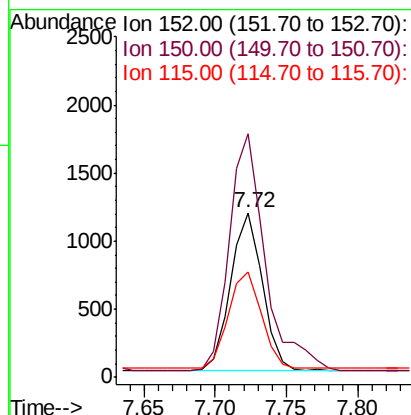
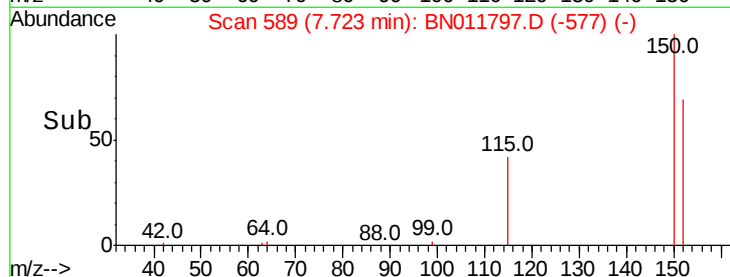
115 64.1 51.3 76.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.376 ng

RT: 3.28 min Scan# 37

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

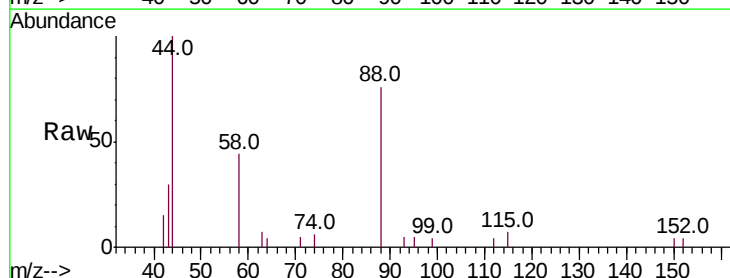
Tgt Ion: 88 Resp: 894

Ion Ratio Lower Upper

88 100

58 79.1 63.3 94.9

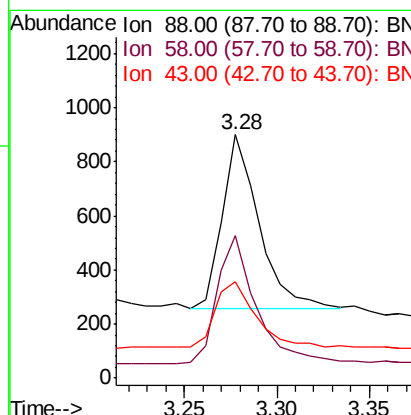
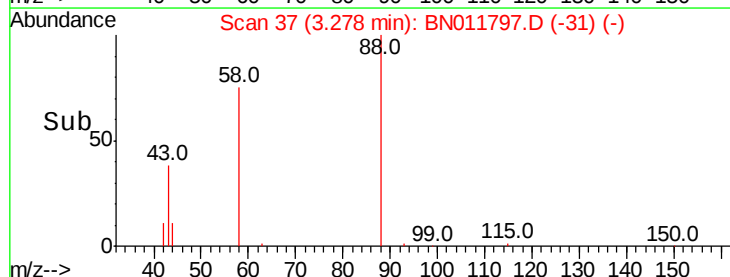
43 41.8 33.0 49.4

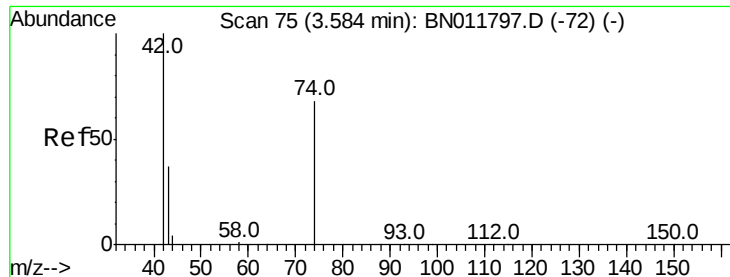


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.409 ng

RT: 3.58 min Scan# 75

Delta R.T. 0.00 min

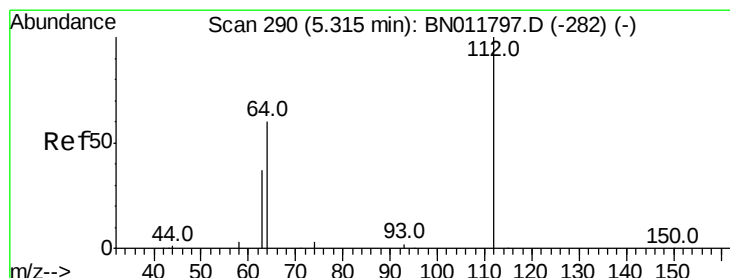
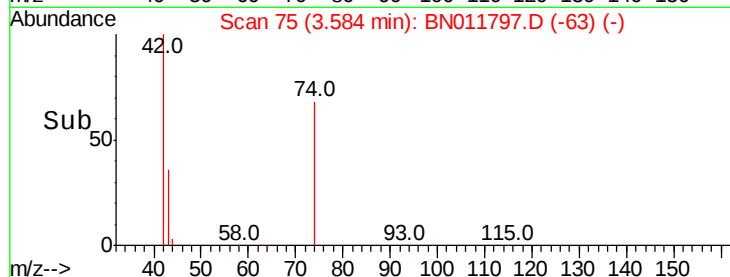
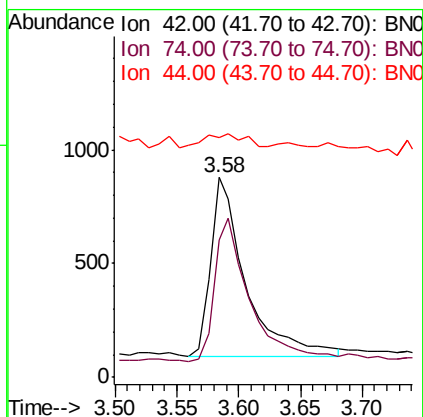
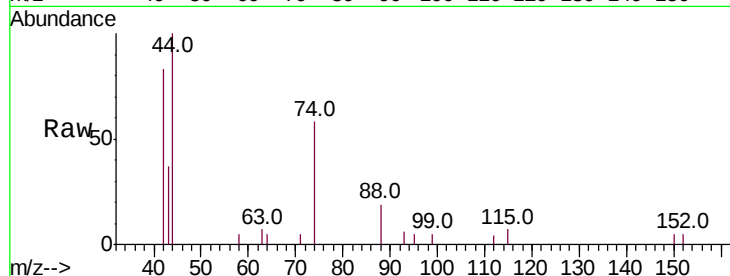
Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

Tot Ion: 42 Resp: 1553

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 80.5  | 64.4  | 96.6  |
| 44  | 8.4   | 6.7   | 10.1  |



#4

2-Fluorophenol

Concen: 0.403 ng

RT: 5.32 min Scan# 290

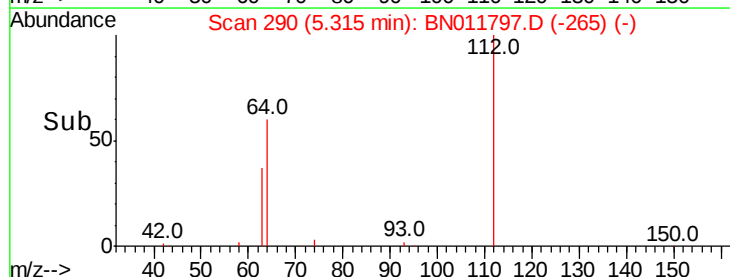
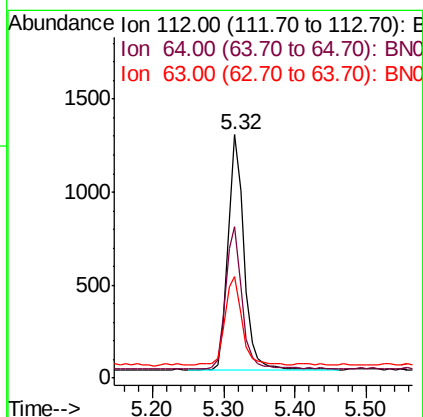
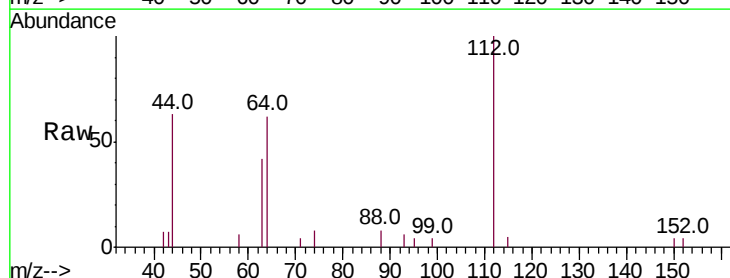
Delta R.T. 0.00 min

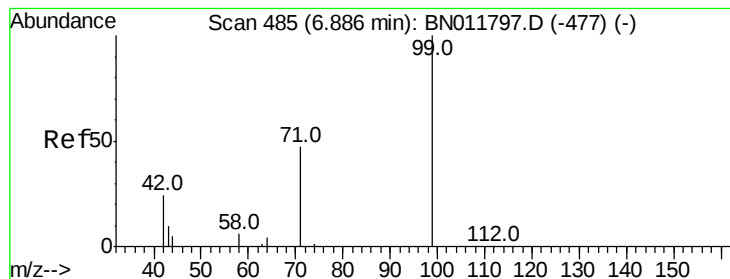
Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

Tgt Ion: 112 Resp: 1956

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 61.3  | 49.0  | 73.6  |
| 63  | 39.7  | 31.8  | 47.6  |





#5

Phenol-d6

Concen: 0.408 ng

RT: 6.89 min Scan# 485

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

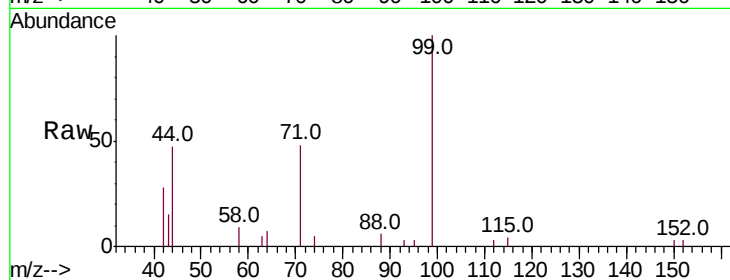
Tot Ion: 99 Resp: 2504

Ion Ratio Lower Upper

99 100

42 29.2 23.4 35.0

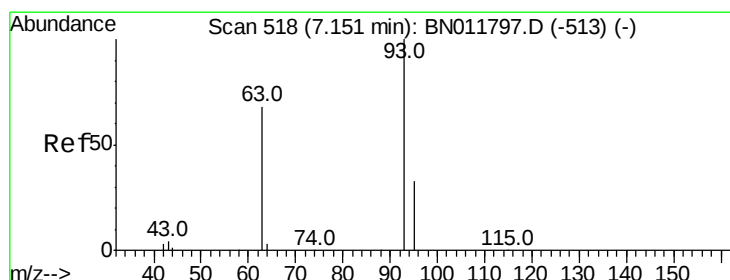
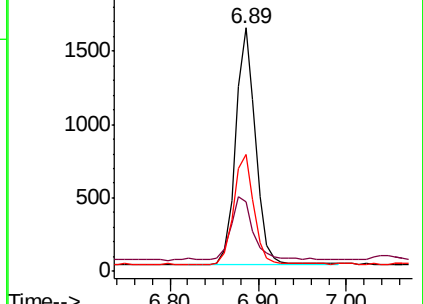
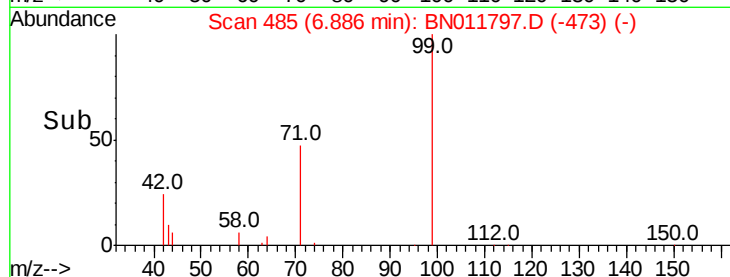
71 47.6 38.1 57.1



Abundance Ion 99.00 (98.70 to 99.70): BN011797.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN011797.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN011797.D (-477) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.396 ng

RT: 7.15 min Scan# 518

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

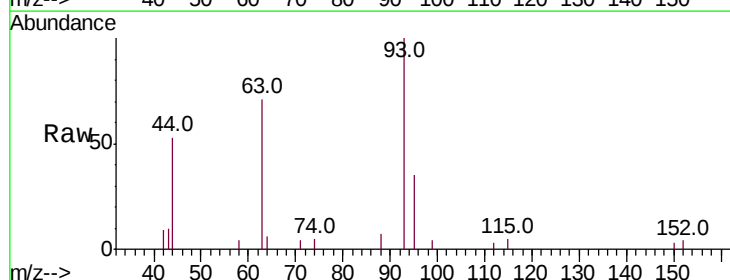
Tgt Ion: 93 Resp: 2037

Ion Ratio Lower Upper

93 100

63 76.4 61.1 91.7

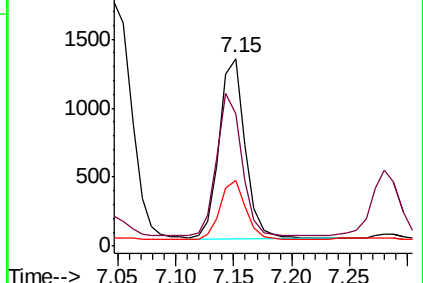
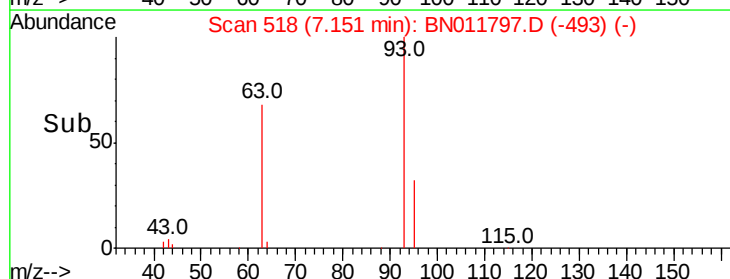
95 31.9 25.5 38.3

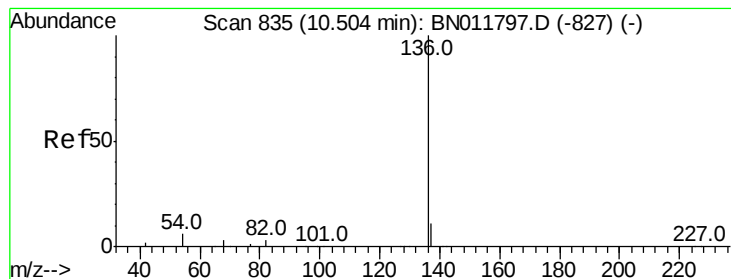


Abundance Ion 93.00 (92.70 to 93.70): BN011797.D (-513) (-)

Ion 63.00 (62.70 to 63.70): BN011797.D (-513) (-)

Ion 95.00 (94.70 to 95.70): BN011797.D (-513) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 835

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 6373

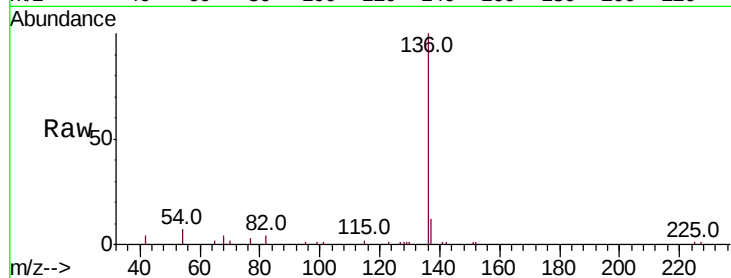
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 7.0 5.6 8.4

68 4.0 3.2 4.8

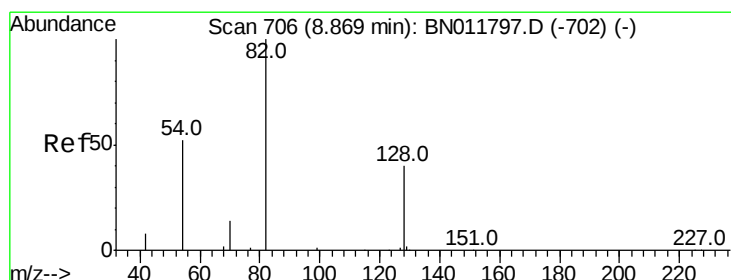
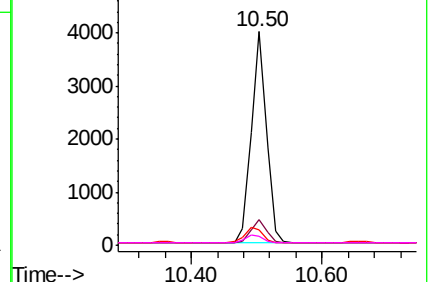
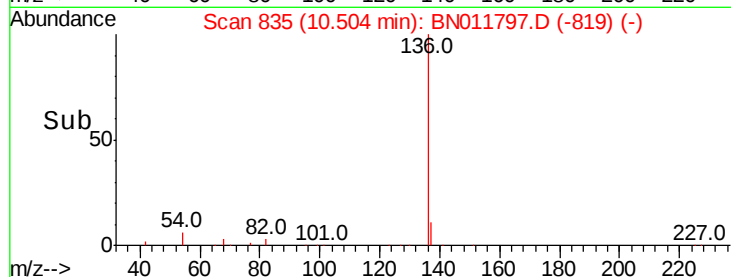


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.391 ng

RT: 8.87 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

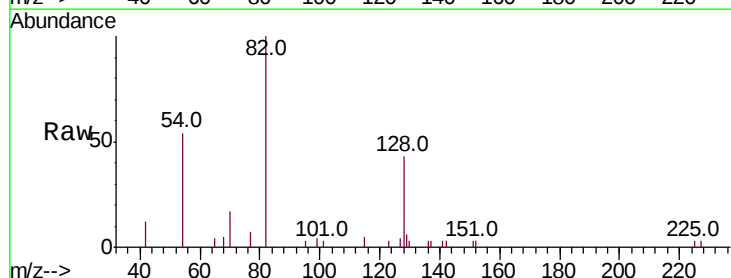
Tgt Ion: 82 Resp: 2721

Ion Ratio Lower Upper

82 100

128 42.7 34.2 51.2

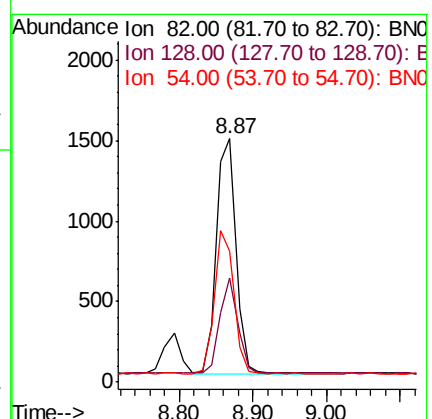
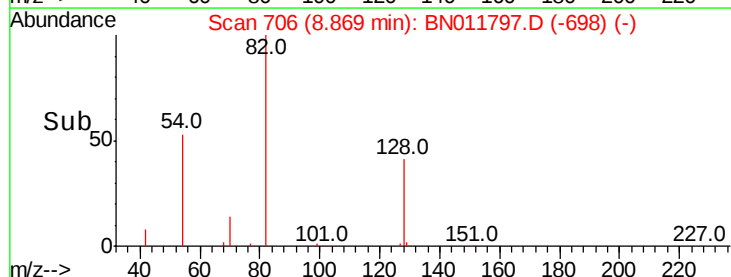
54 53.9 43.1 64.7

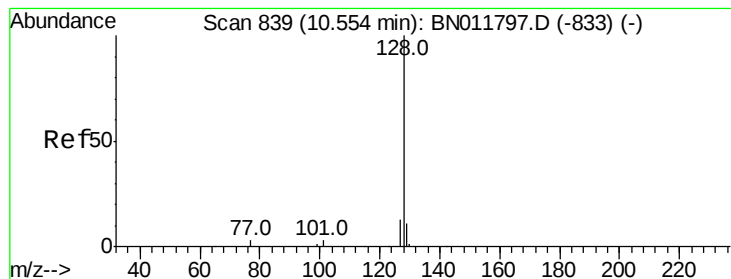


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.376 ng

RT: 10.55 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

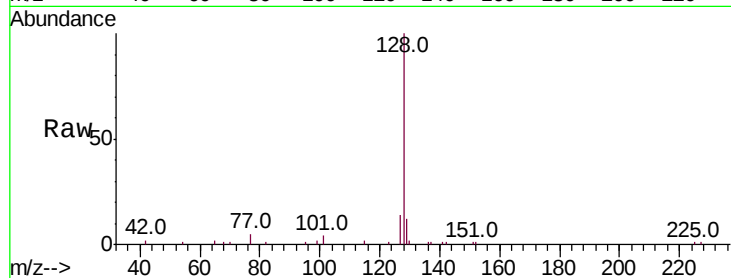
Tot Ion:128 Resp: 6911

Ion Ratio Lower Upper

128 100

129 12.1 9.7 14.5

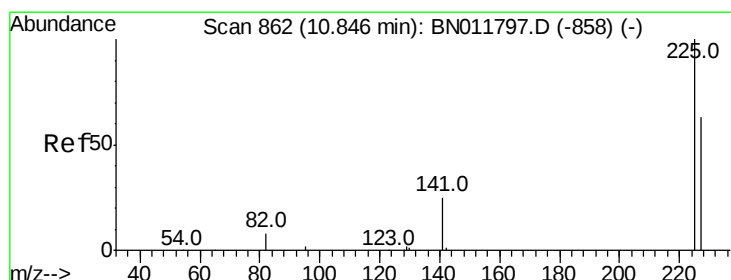
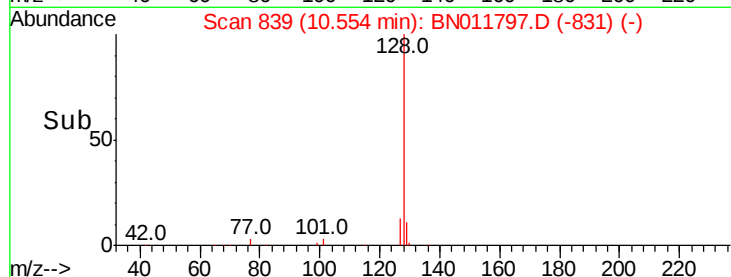
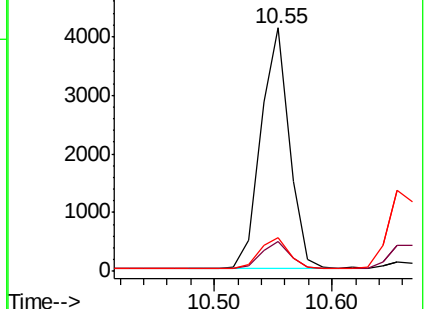
127 13.7 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.377 ng

RT: 10.85 min Scan# 862

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

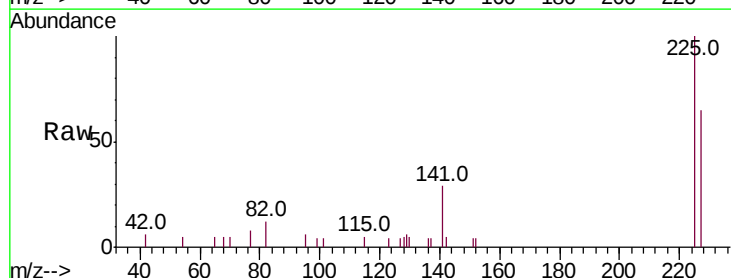
Tgt Ion:225 Resp: 1700

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

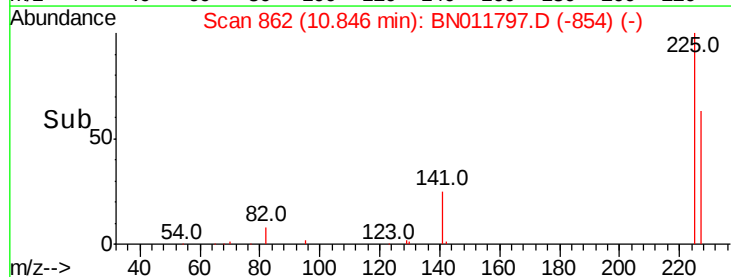
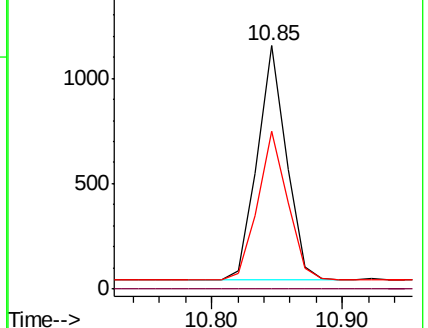
227 64.9 51.9 77.9

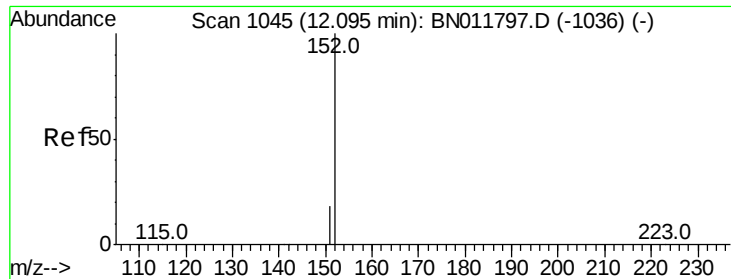


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

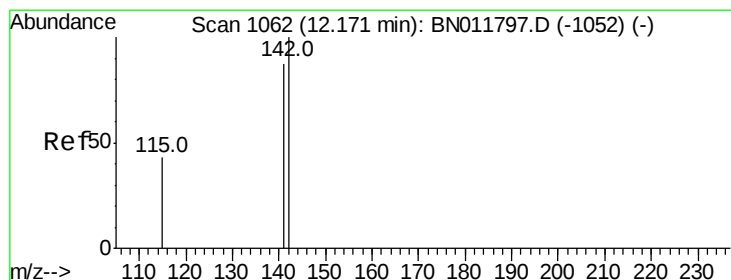
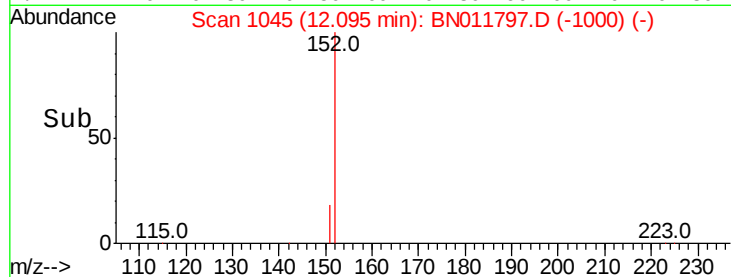
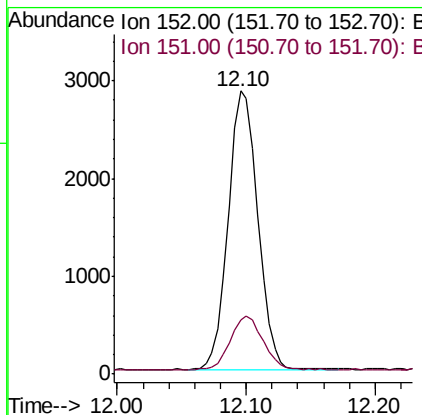
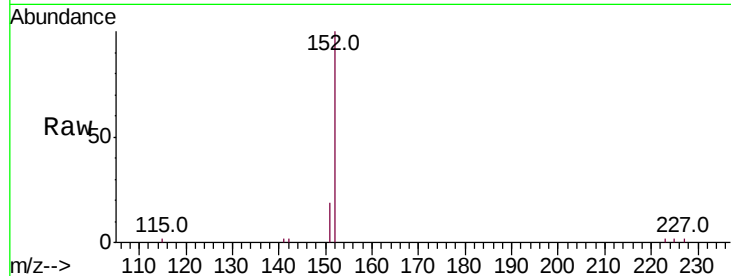




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.379 ng  
 RT: 12.10 min Scan# 1045  
 Delta R.T. 0.00 min  
 Lab File: BN011797.D  
 Acq: 15 Sep 2020 11:58

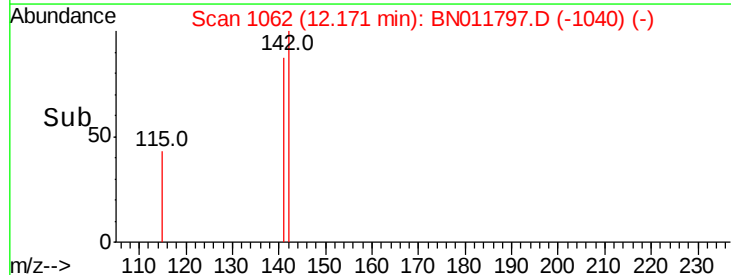
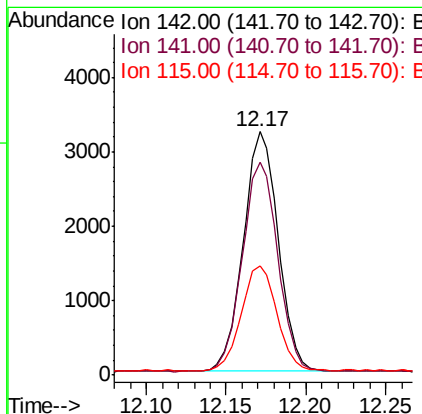
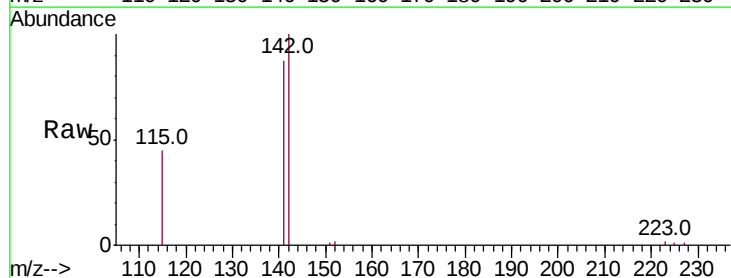
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.4

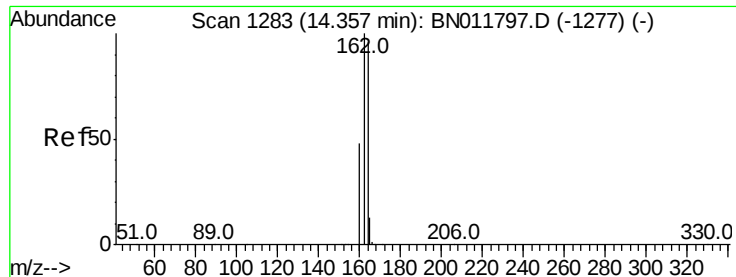
Tot Ion:152 Resp: 4505  
 Ion Ratio Lower Upper  
 152 100  
 151 20.9 16.7 25.1



#12  
 2-Methylnaphthalene  
 Concen: 0.378 ng  
 RT: 12.17 min Scan# 1062  
 Delta R.T. 0.00 min  
 Lab File: BN011797.D  
 Acq: 15 Sep 2020 11:58

Tgt Ion:142 Resp: 4907  
 Ion Ratio Lower Upper  
 142 100  
 141 87.5 70.0 105.0  
 115 44.7 35.8 53.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

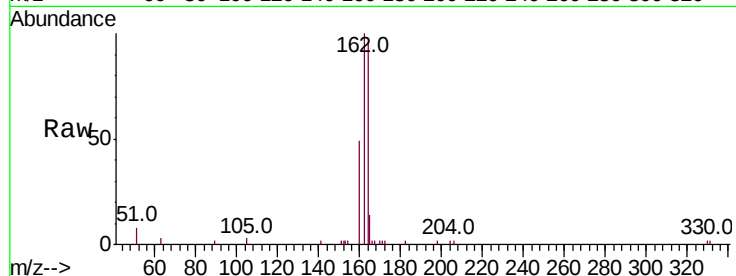
Tot Ion:164 Resp: 3832

Ion Ratio Lower Upper

164 100

162 104.5 83.6 125.4

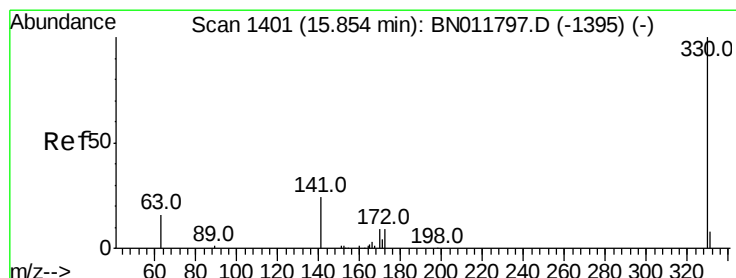
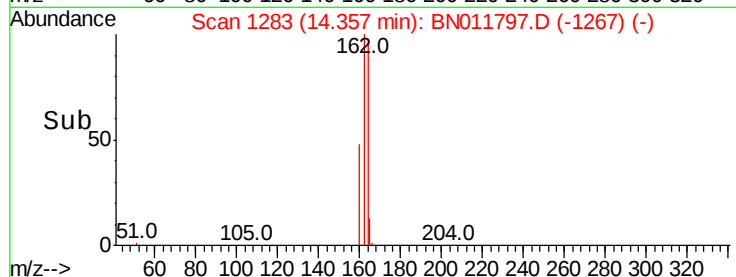
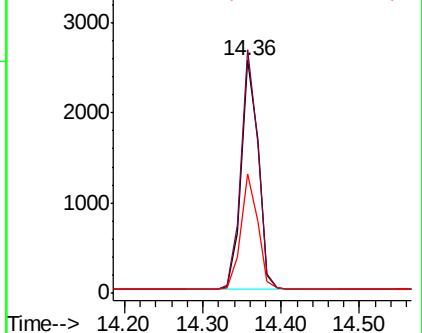
160 51.5 41.2 61.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.388 ng

RT: 15.85 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

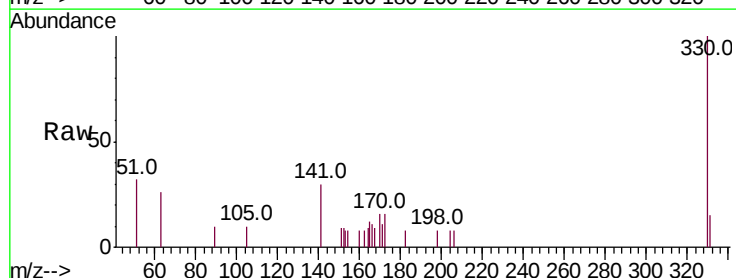
Tgt Ion:330 Resp: 799

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

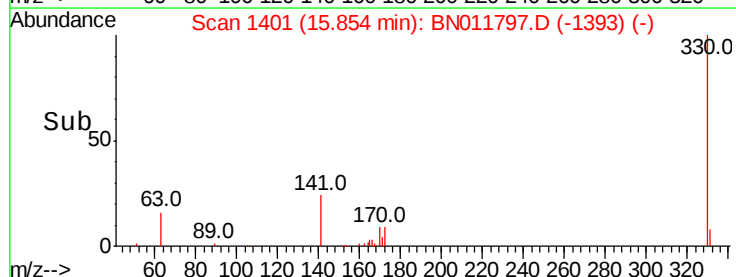
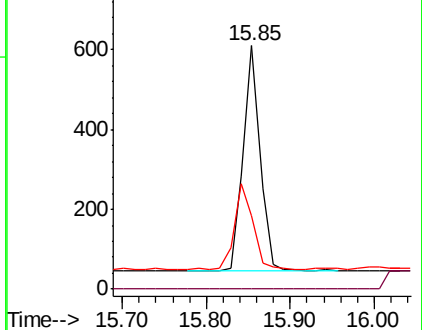
141 41.1 33.7 50.5

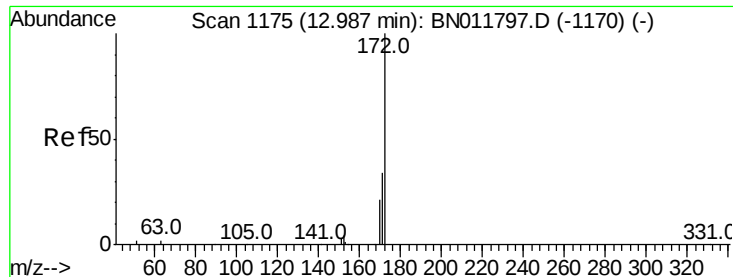


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

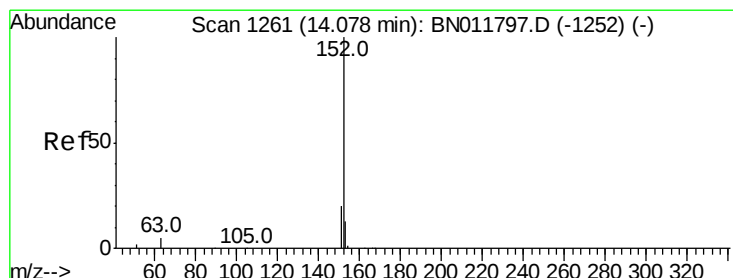
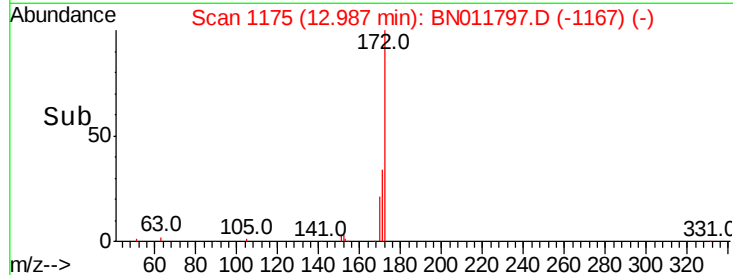
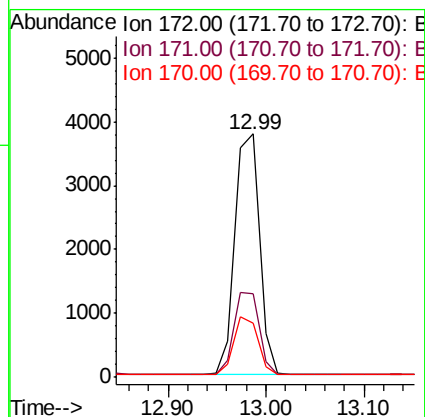
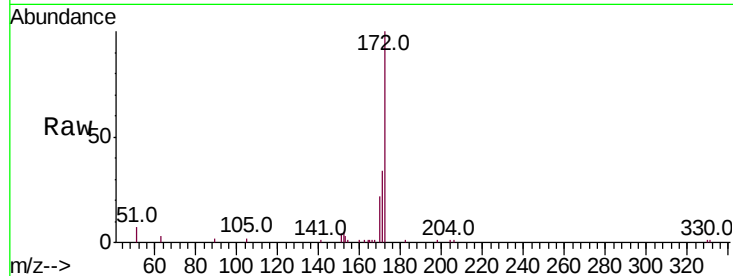




#15  
2-Fluorobiphenyl  
Concen: 0.379 ng  
RT: 12.99 min Scan# 1175  
Delta R.T. 0.00 min  
Lab File: BN011797.D  
Acq: 15 Sep 2020 11:58

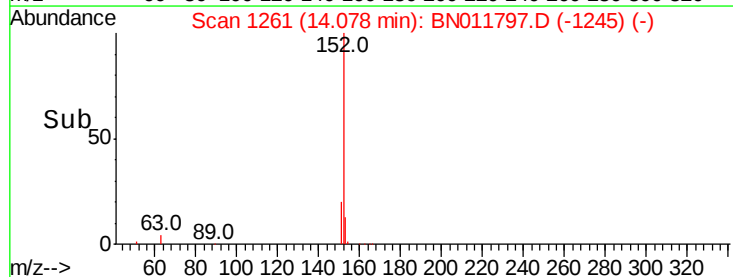
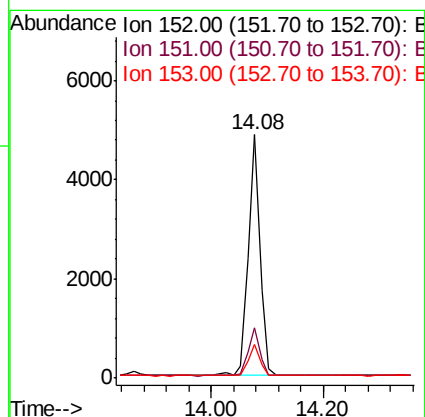
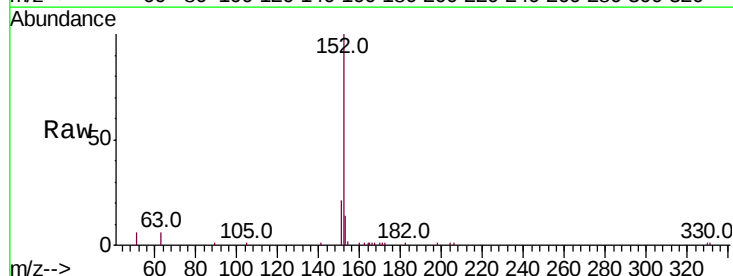
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

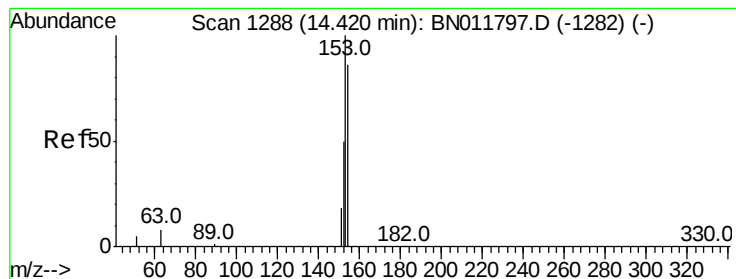
Tot Ion:172 Resp: 6497  
Ion Ratio Lower Upper  
172 100  
171 34.3 27.4 41.2  
170 22.2 17.8 26.6



#16  
Acenaphthylene  
Concen: 0.380 ng  
RT: 14.08 min Scan# 1261  
Delta R.T. 0.00 min  
Lab File: BN011797.D  
Acq: 15 Sep 2020 11:58

Tgt Ion:152 Resp: 7204  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.9 23.9  
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.387 ng

RT: 14.42 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

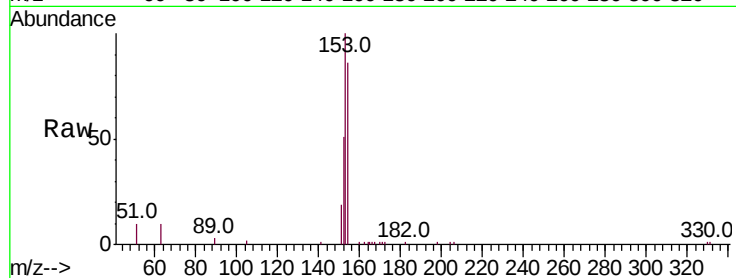
Tot Ion:154 Resp: 5190

Ion Ratio Lower Upper

154 100

153 104.3 83.4 125.2

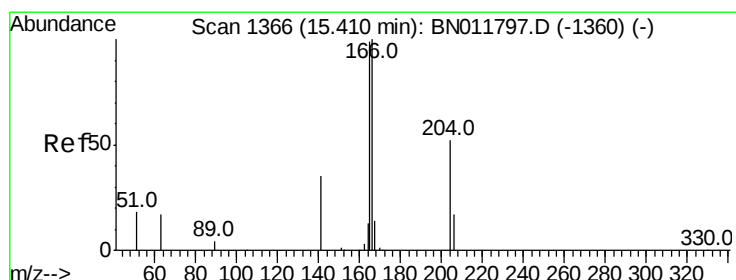
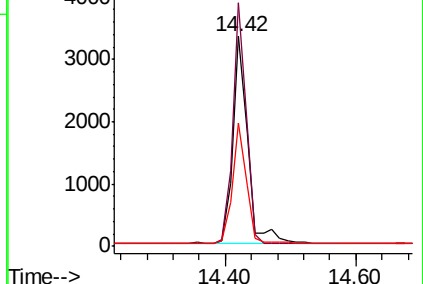
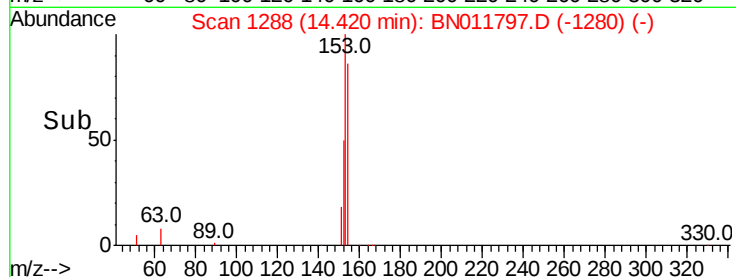
152 53.5 42.8 64.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.380 ng

RT: 15.41 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

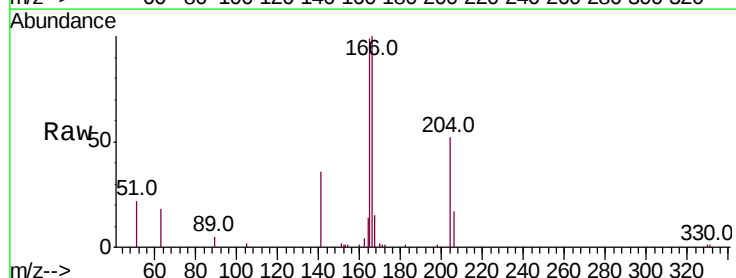
Tgt Ion:166 Resp: 6411

Ion Ratio Lower Upper

166 100

165 98.5 78.8 118.2

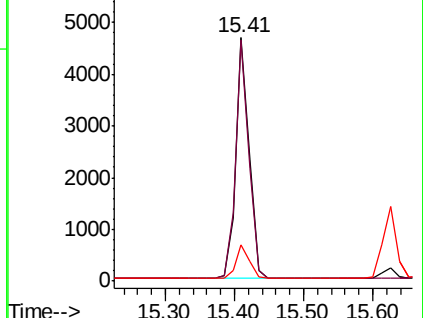
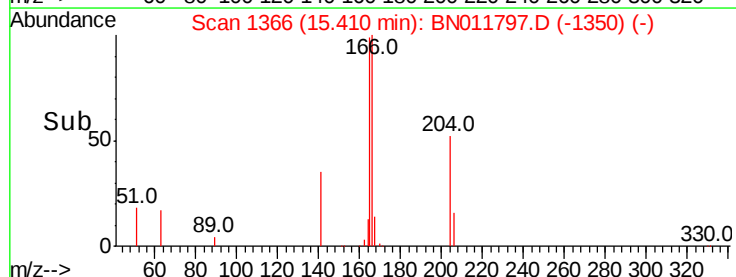
167 14.0 11.2 16.8

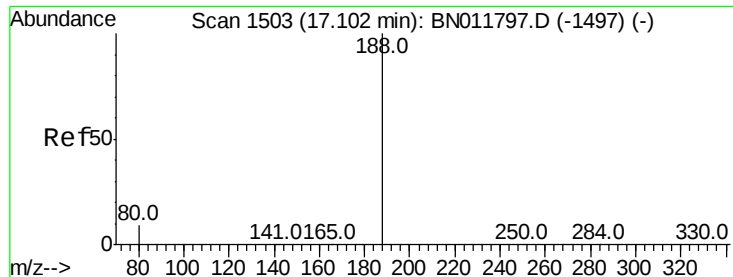


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.10 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

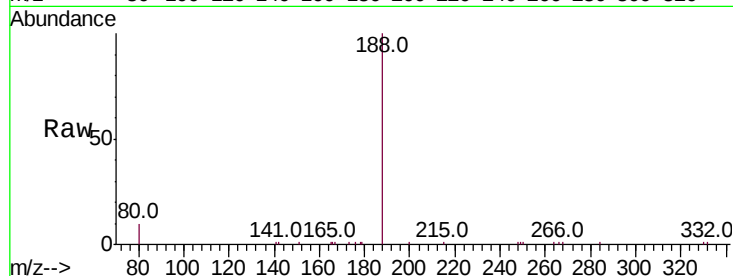
Tot Ion:188 Resp: 8697

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

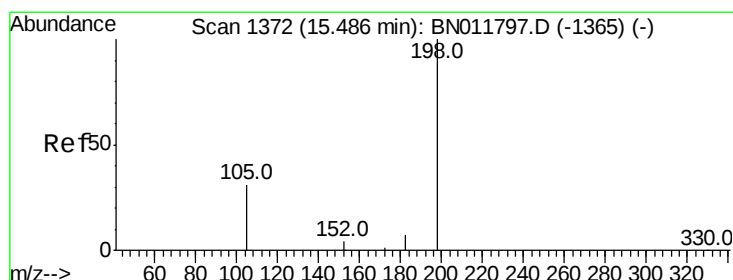
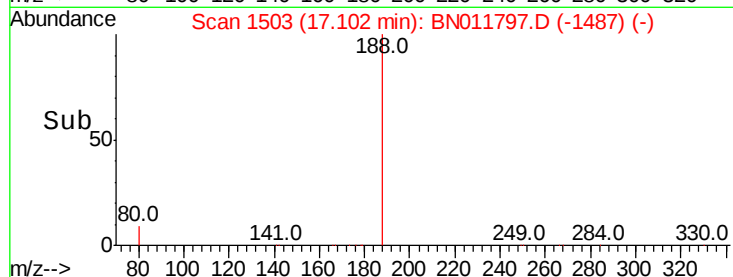
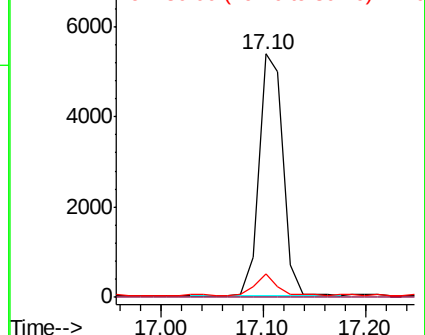
80 9.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4,6-Dinitro-2-methylphenol

Concen: 0.464 ng

RT: 15.49 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

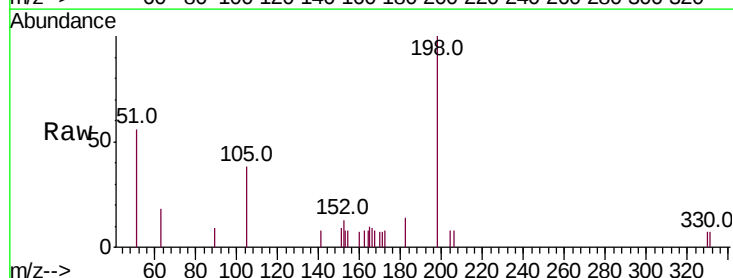
Tgt Ion:198 Resp: 891

Ion Ratio Lower Upper

198 100

51 56.2 45.0 67.4

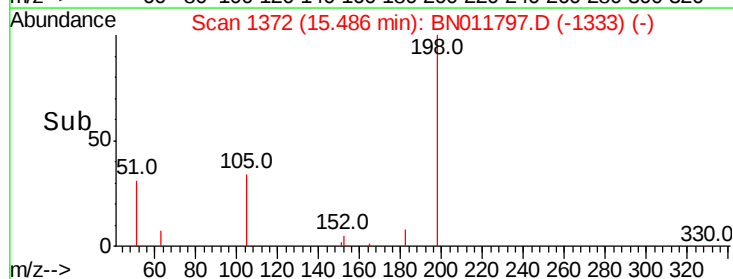
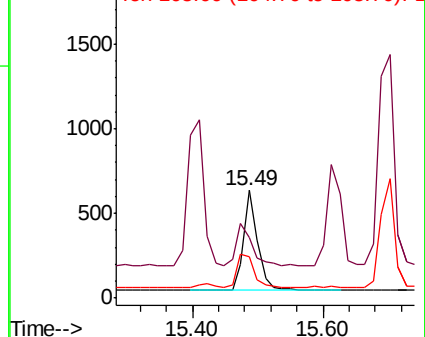
105 38.0 30.4 45.6

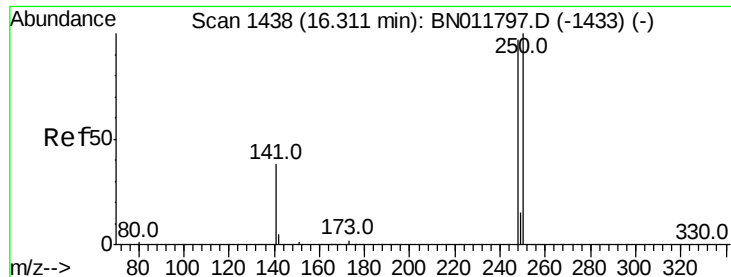


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

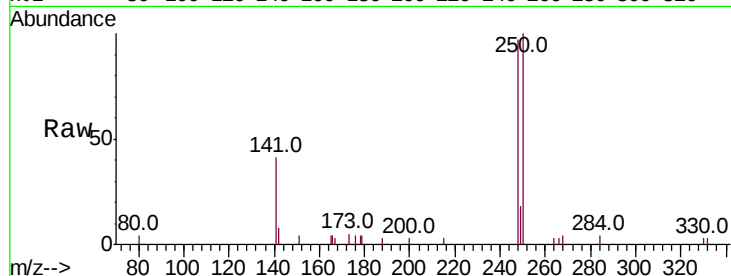




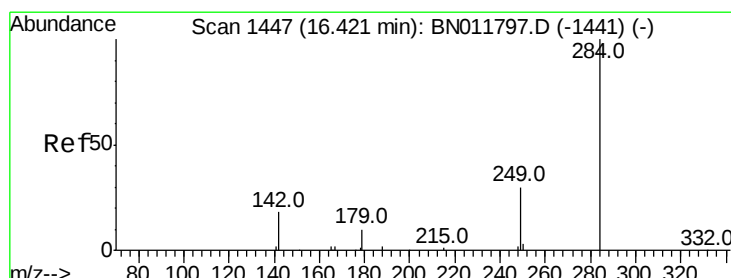
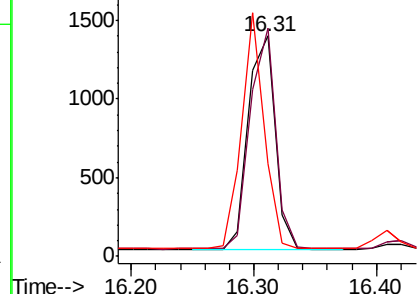
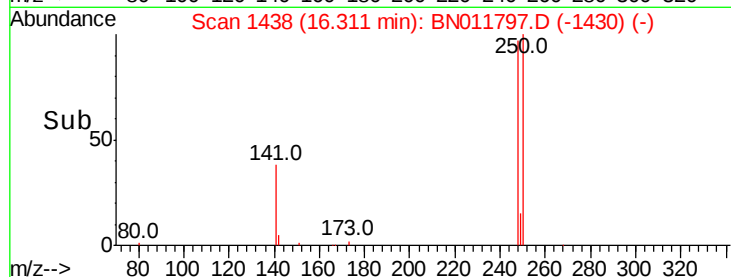
#21  
4-Bromophenyl-phenylether  
Concen: 0.377 ng  
RT: 16.31 min Scan# 1438  
Delta R.T. 0.00 min  
Lab File: BN011797.D  
Acq: 15 Sep 2020 11:58

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

Tot Ion:248 Resp: 2069  
Ion Ratio Lower Upper  
248 100  
250 103.4 82.7 124.1  
141 42.1 33.7 50.5

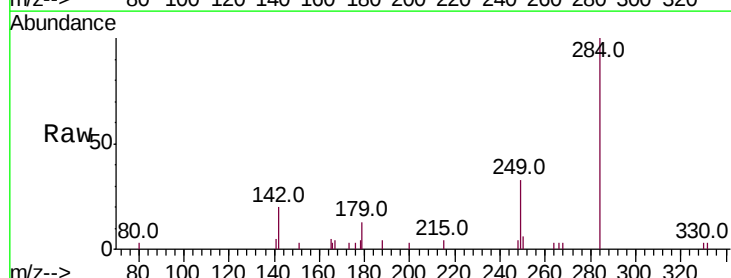


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

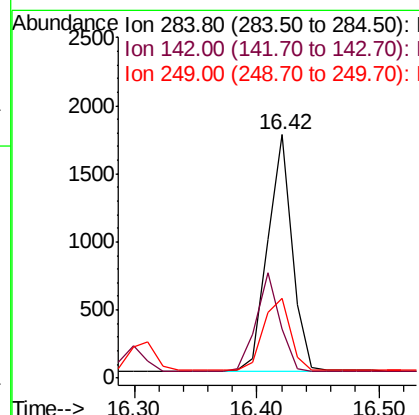
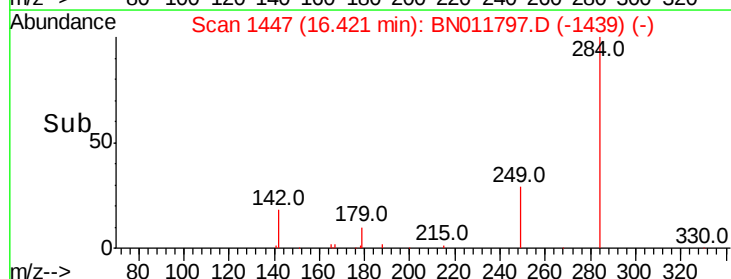


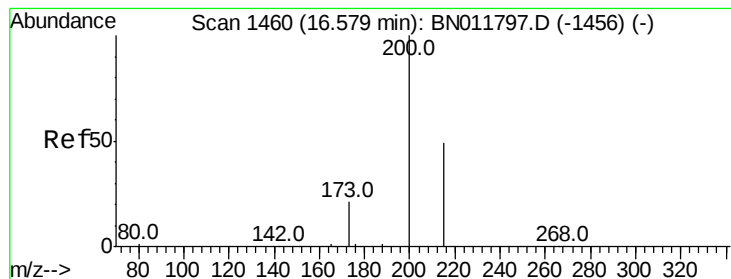
#22  
Hexachlorobenzene  
Concen: 0.381 ng  
RT: 16.42 min Scan# 1447  
Delta R.T. 0.00 min  
Lab File: BN011797.D  
Acq: 15 Sep 2020 11:58

Tgt Ion:284 Resp: 2418  
Ion Ratio Lower Upper  
284 100  
142 40.5 32.4 48.6  
249 33.5 26.8 40.2



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





#23

Atrazine

Concen: 0.415 ng

RT: 16.58 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

Instrument :

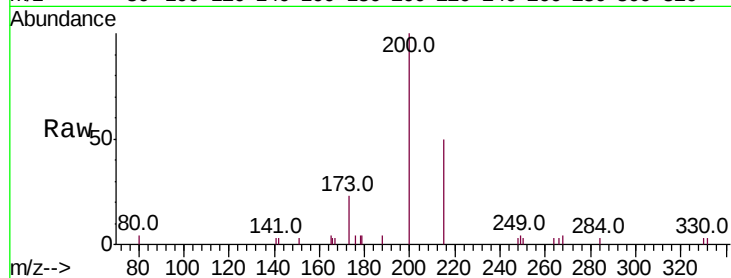
BNA\_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:200 Resp: 2067

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 200 | 100   |       |       |
| 173 | 23.4  | 18.7  | 28.1  |
| 215 | 50.3  | 40.2  | 60.4  |



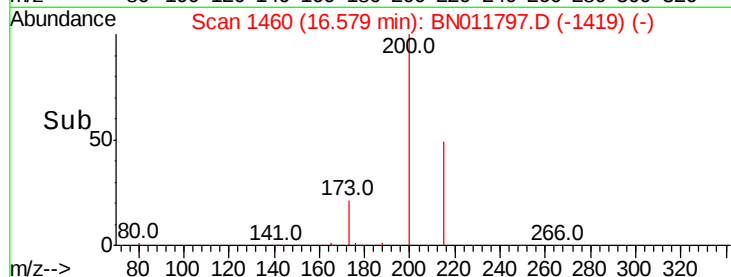
Abundance

Ion 200.00 (199.70 to 200.70): E

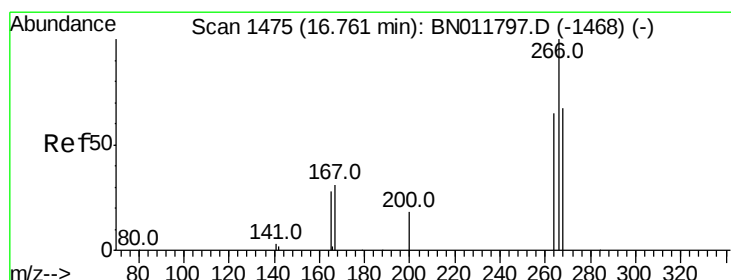
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

16.58



Time-->



#24

Pentachlorophenol

Concen: 0.482 ng

RT: 16.76 min Scan# 1475

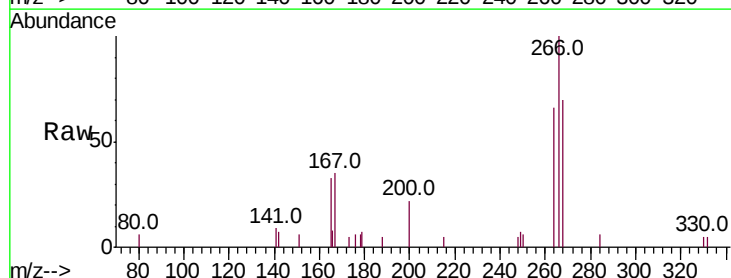
Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

Tgt Ion:266 Resp: 1285

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 266 | 100   |       |       |
| 264 | 64.7  | 51.2  | 76.8  |
| 268 | 66.2  | 52.4  | 78.6  |



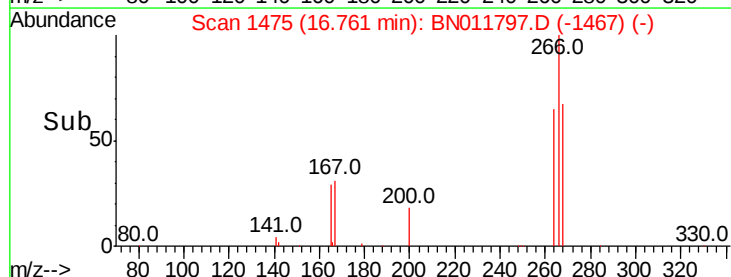
Abundance

Ion 266.00 (265.70 to 266.70): E

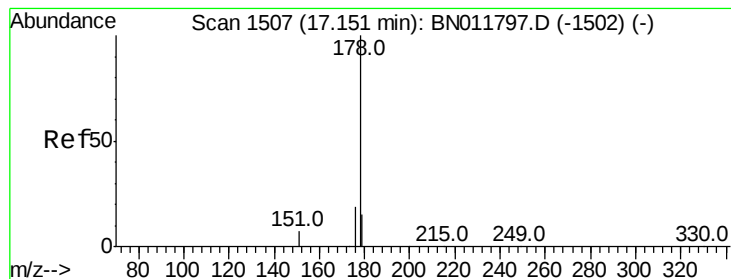
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

16.76



Time-->



#25

Phenanthrene

Concen: 0.378 ng

RT: 17.15 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

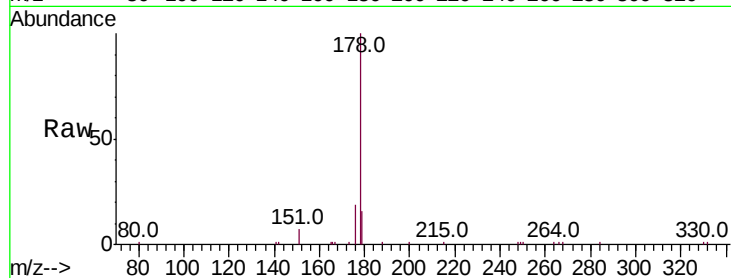
Tot Ion:178 Resp: 10770

Ion Ratio Lower Upper

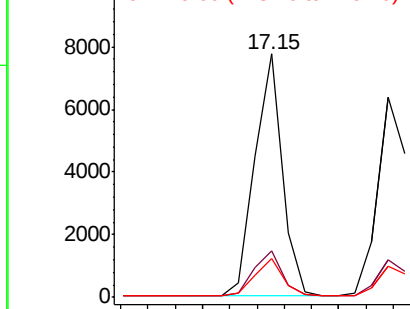
178 100

176 18.9 15.1 22.7

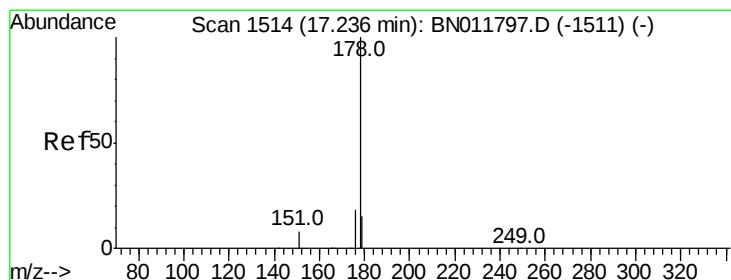
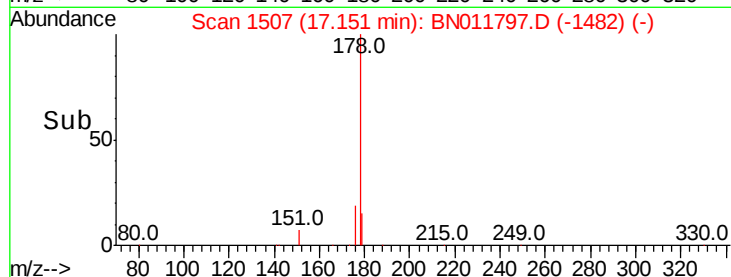
179 15.4 12.3 18.5



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



Time-->



#26

Anthracene

Concen: 0.395 ng

RT: 17.24 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

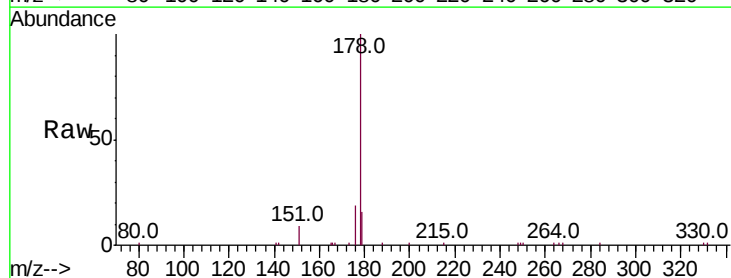
Tgt Ion:178 Resp: 9954

Ion Ratio Lower Upper

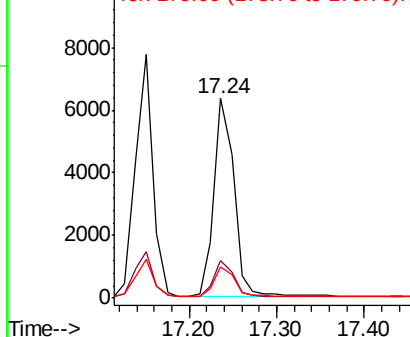
178 100

176 18.2 14.6 21.8

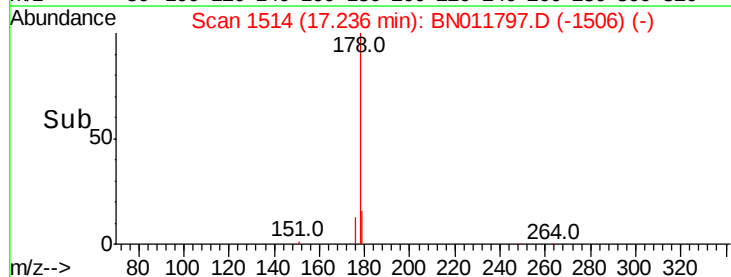
179 15.5 12.4 18.6

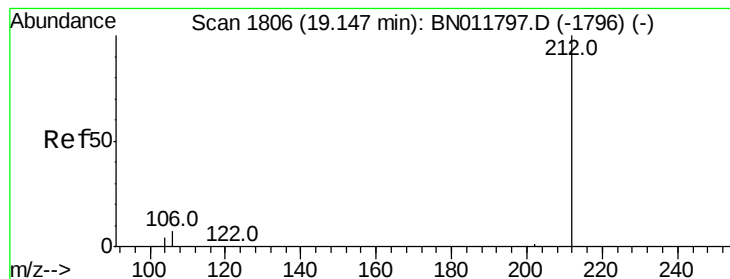


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E



Time-->





#27

Fluoranthene-d10

Concen: 0.373 ng

RT: 19.15 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

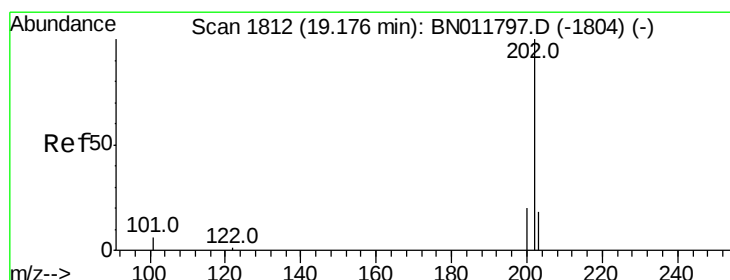
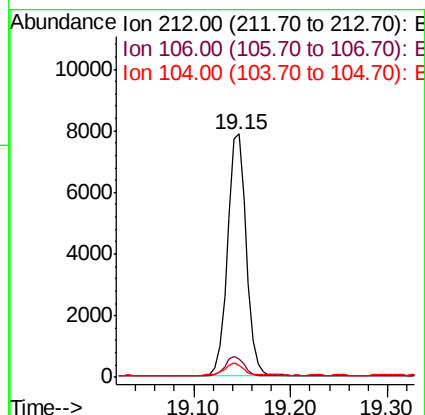
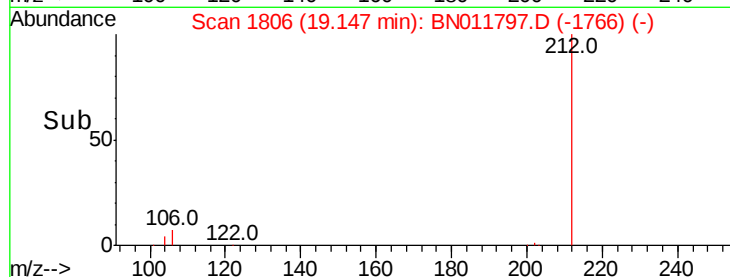
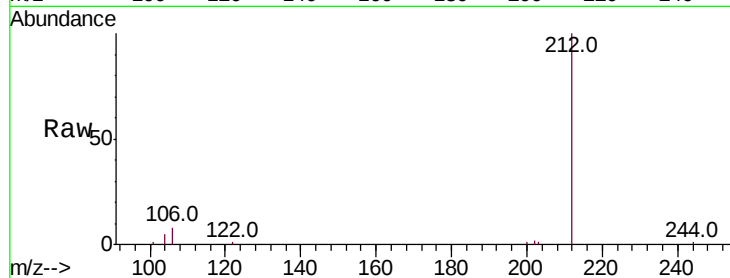
Tot Ion:212 Resp: 10470

Ion Ratio Lower Upper

212 100

106 8.0 6.4 9.6

104 4.9 3.9 5.9



#28

Fluoranthene

Concen: 0.494 ng

RT: 19.18 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

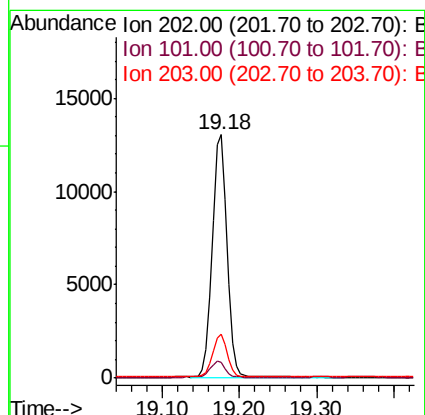
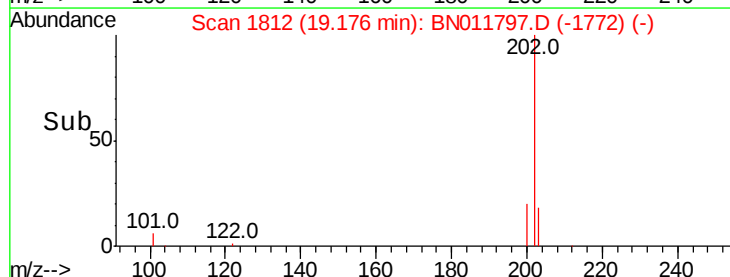
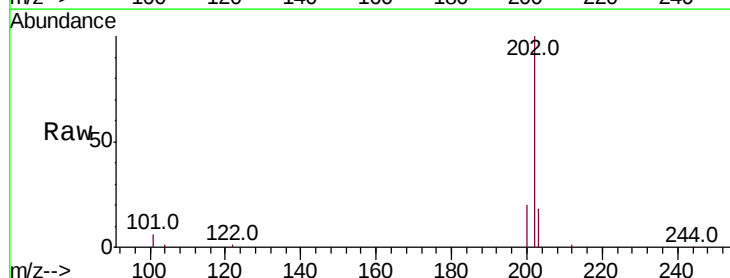
Tgt Ion:202 Resp: 17171

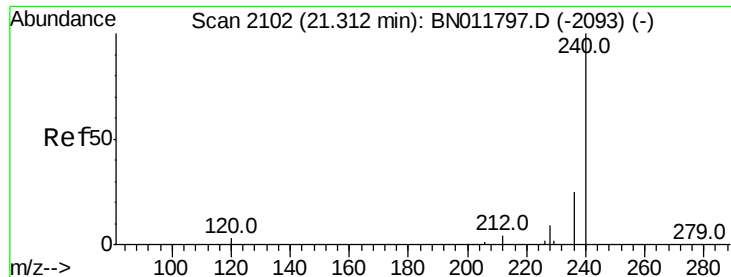
Ion Ratio Lower Upper

202 100

101 6.8 5.4 8.2

203 17.2 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.31 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

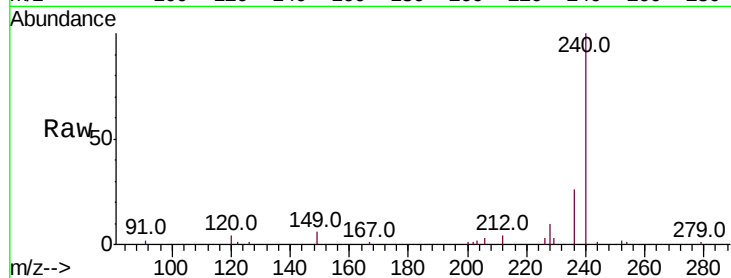
Tot Ion:240 Resp: 12842

Ion Ratio Lower Upper

240 100

120 4.4 3.5 5.3

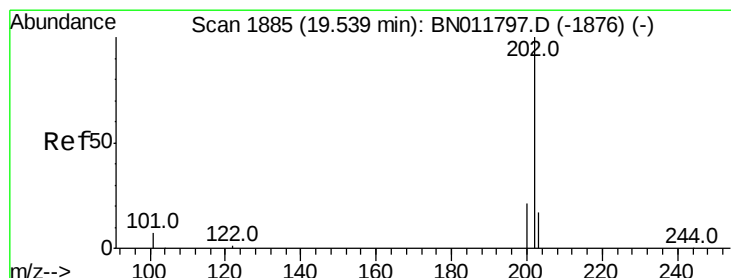
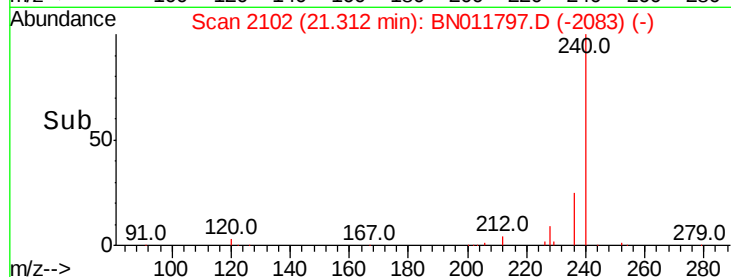
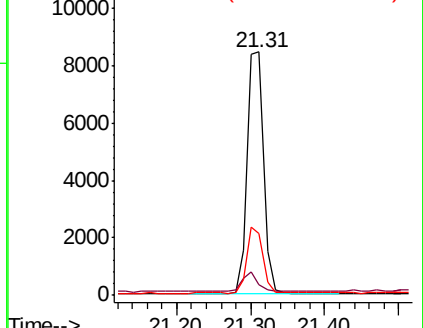
236 25.6 20.5 30.7



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: 0.393 ng

RT: 19.54 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

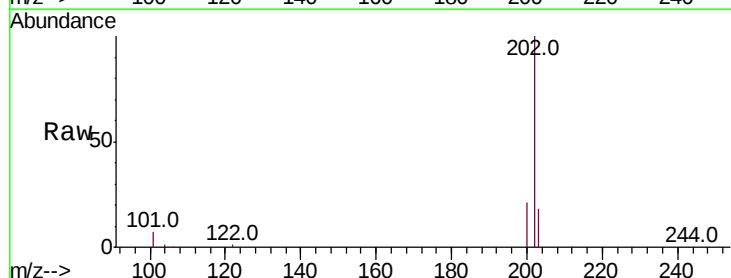
Tgt Ion:202 Resp: 17774

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

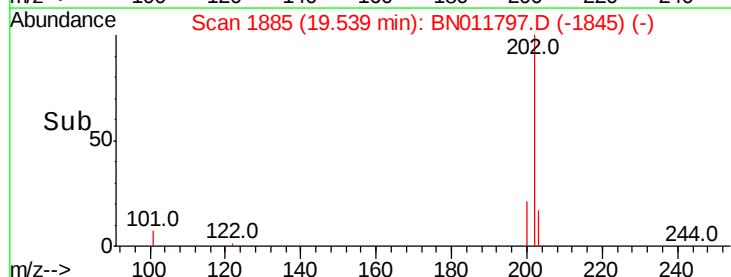
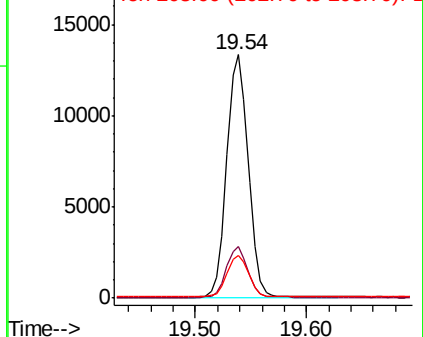
203 17.3 13.9 20.9

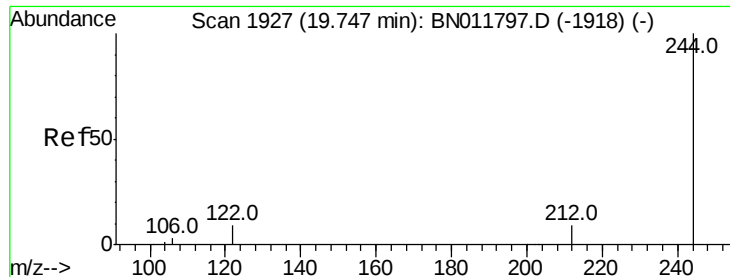


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.590 ng

RT: 19.75 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

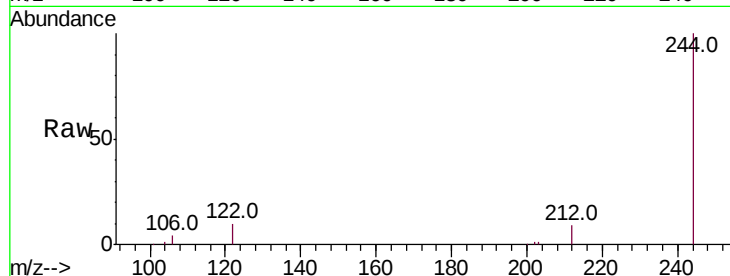
Tot Ion:244 Resp: 21173

Ion Ratio Lower Upper

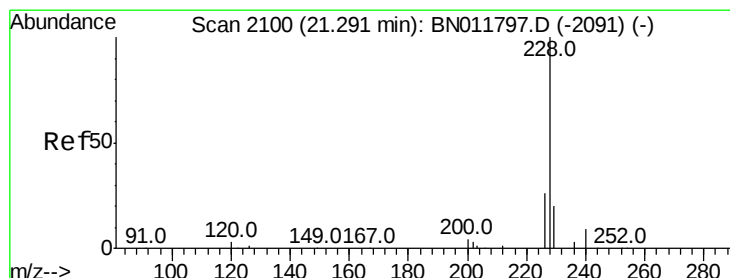
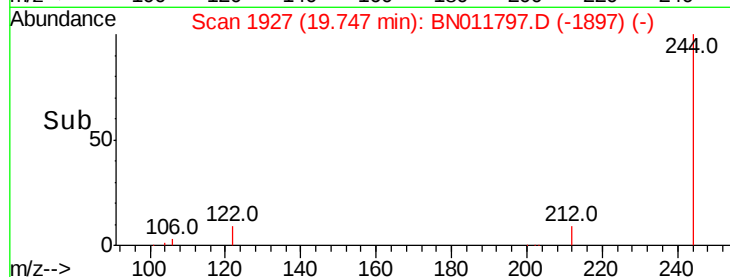
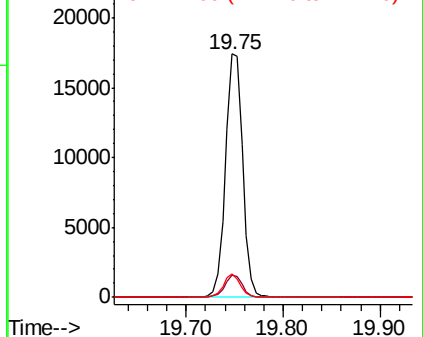
244 100

212 9.1 7.3 10.9

122 9.7 7.8 11.6



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: 0.450 ng

RT: 21.29 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

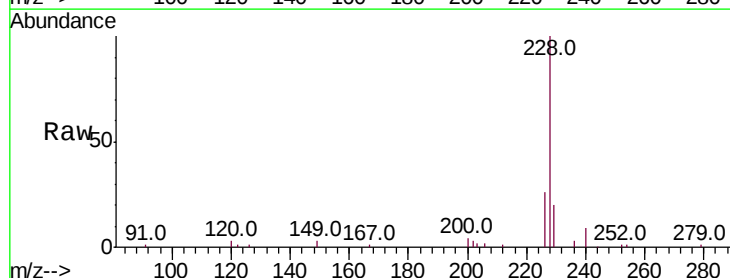
Tgt Ion:228 Resp: 20980

Ion Ratio Lower Upper

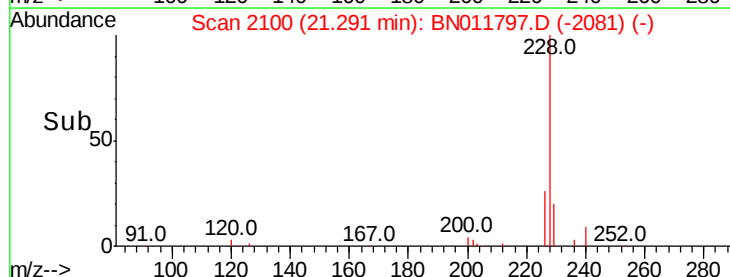
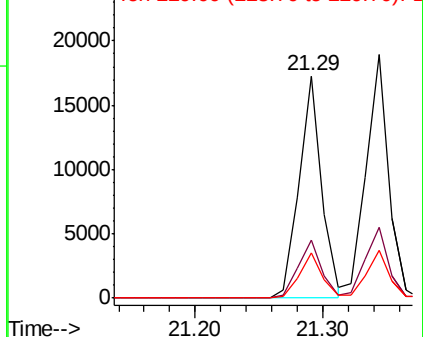
228 100

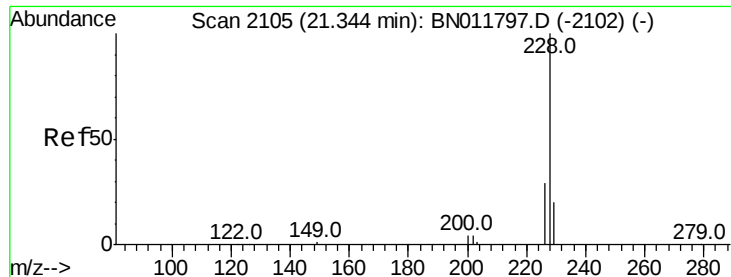
226 26.2 21.0 31.4

229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.471 ng

RT: 21.34 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

Instrument :

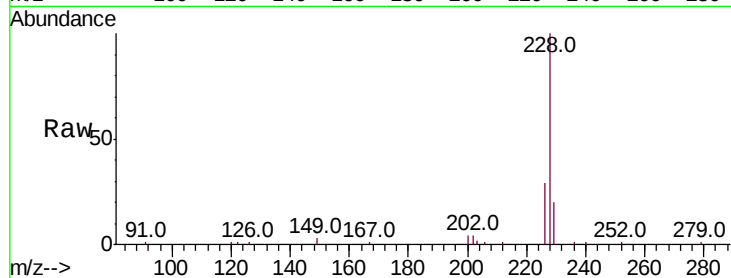
BNA\_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:228 Resp: 22956

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.1  | 23.3  | 34.9  |
| 229 | 19.8  | 15.8  | 23.8  |



Abundance

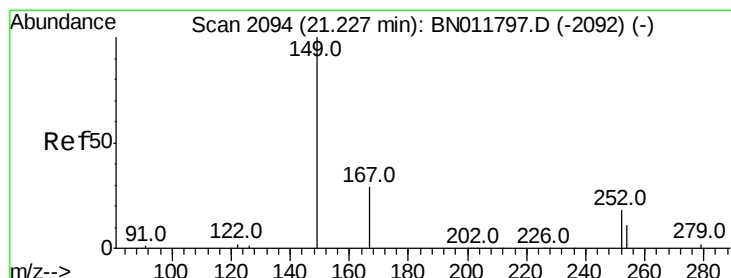
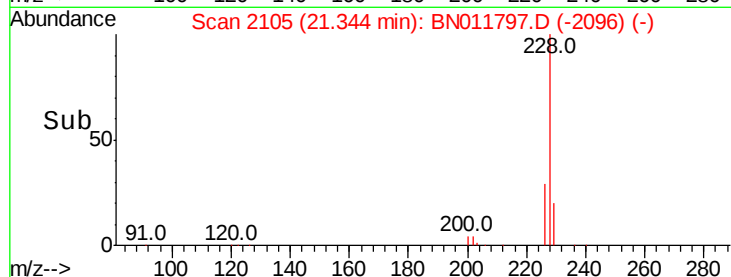
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.34

Time-->



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.391 ng

RT: 21.23 min Scan# 2094

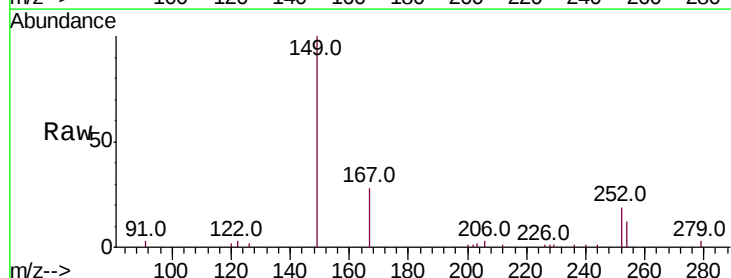
Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

Tgt Ion:149 Resp: 8975

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 29.6  | 23.6  | 35.4  |
| 279 | 4.9   | 4.0   | 6.0   |



Abundance

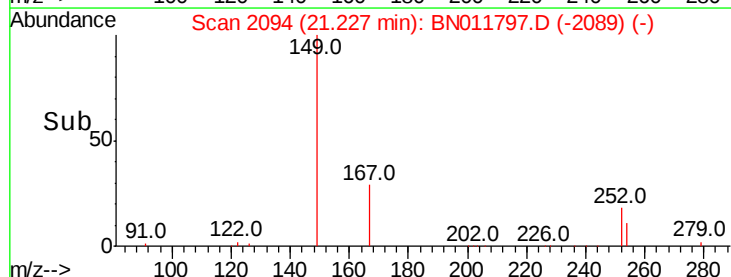
Ion 149.00 (148.70 to 149.70): E

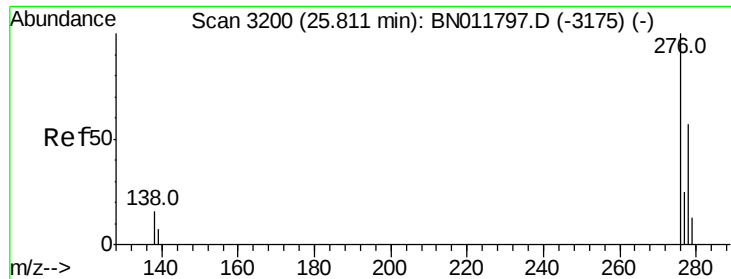
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.23

Time-->

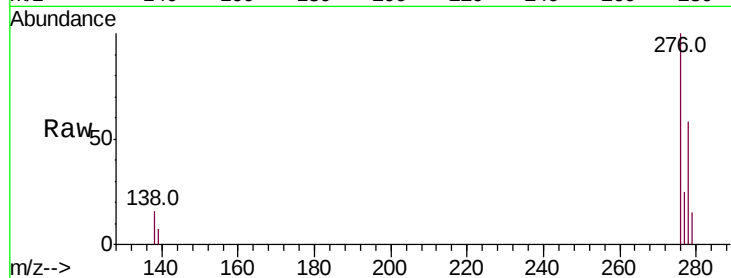




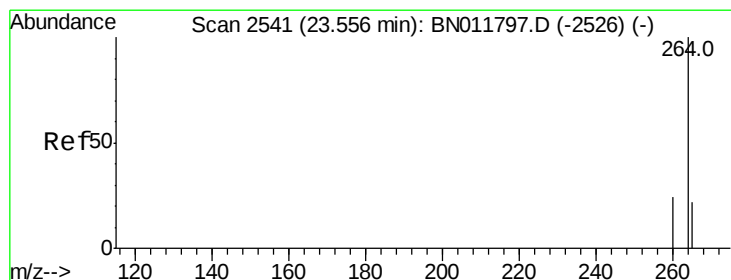
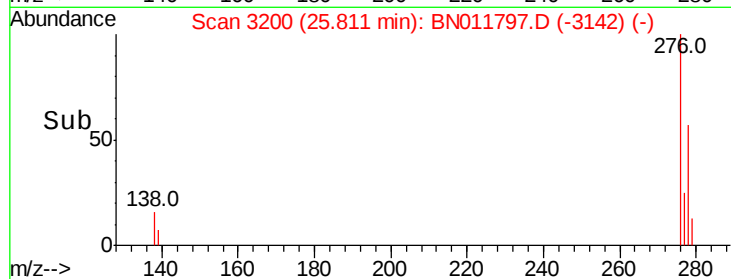
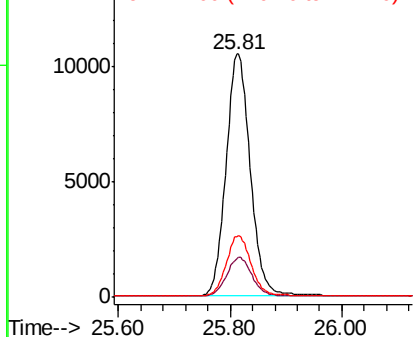
#35  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.500 ng  
 RT: 25.81 min Scan# 3200  
 Delta R.T. 0.00 min  
 Lab File: BN011797.D  
 Acq: 15 Sep 2020 11:58

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.4

Tot Ion:276 Resp: 31695  
 Ion Ratio Lower Upper  
 276 100  
 138 16.2 13.0 19.4  
 277 25.0 20.0 30.0

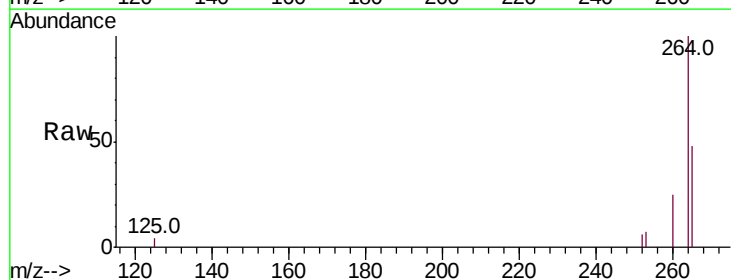


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

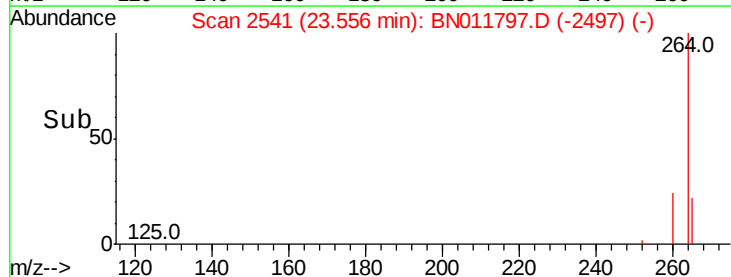
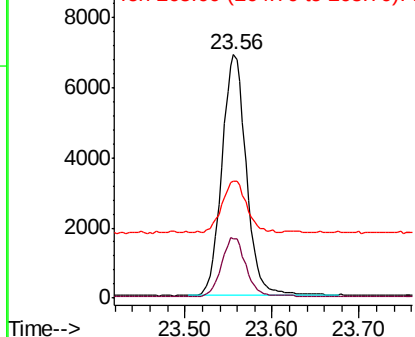


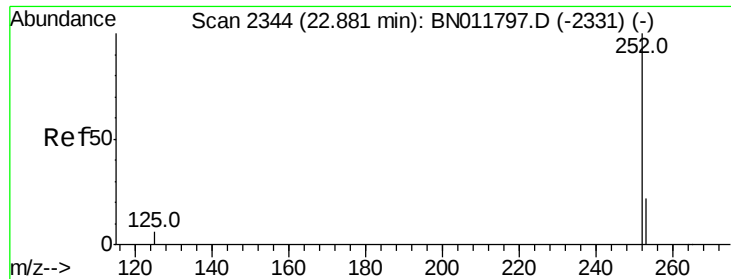
#36  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.56 min Scan# 2541  
 Delta R.T. 0.00 min  
 Lab File: BN011797.D  
 Acq: 15 Sep 2020 11:58

Tgt Ion:264 Resp: 13417  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.6 29.4  
 265 48.3 38.6 58.0



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E

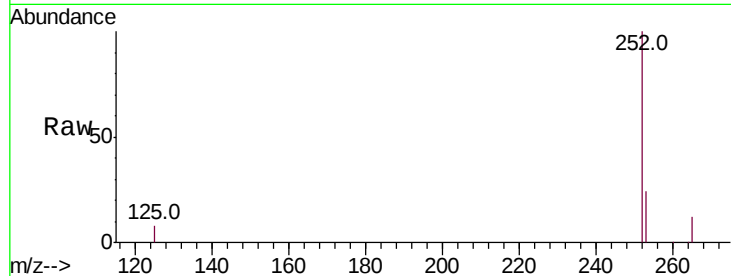




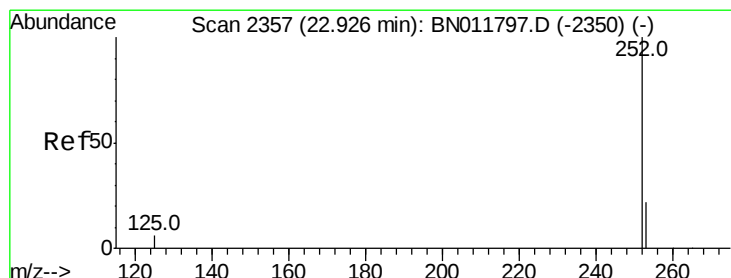
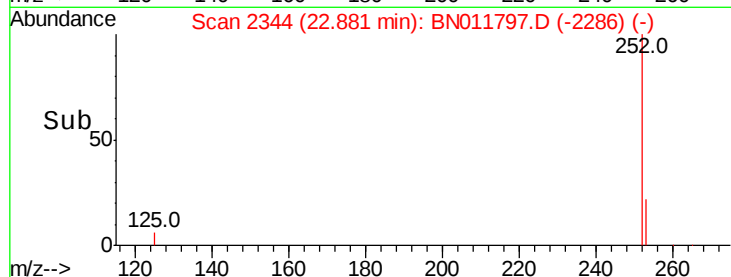
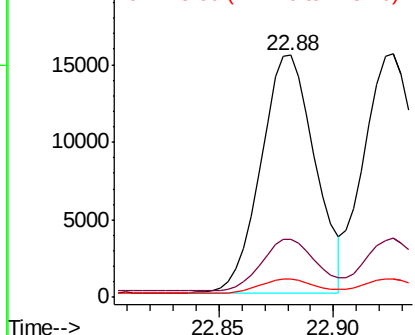
#37  
Benzo(b)fluoranthene  
Concen: 0.452 ng  
RT: 22.88 min Scan# 2344  
Delta R.T. 0.00 min  
Lab File: BN011797.D  
Acq: 15 Sep 2020 11:58

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

Tot Ion:252 Resp: 25056  
Ion Ratio Lower Upper  
252 100  
253 23.9 19.1 28.7  
125 7.7 6.2 9.2

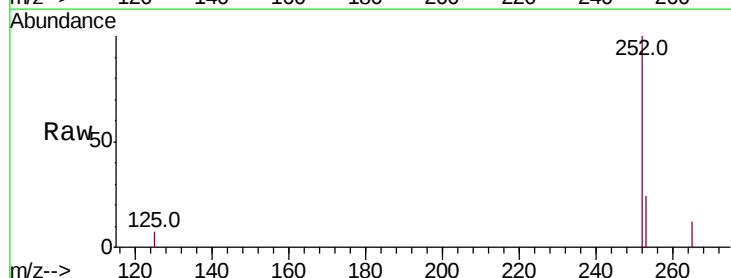


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

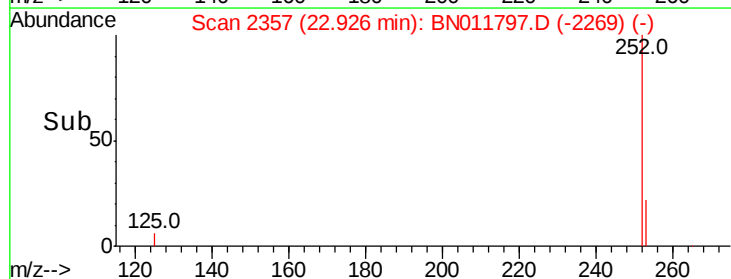
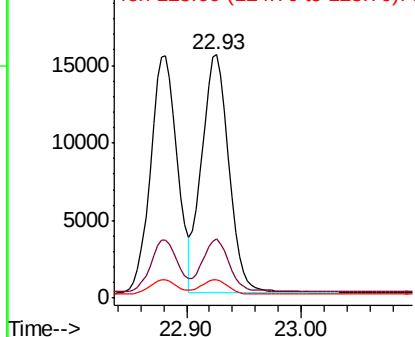


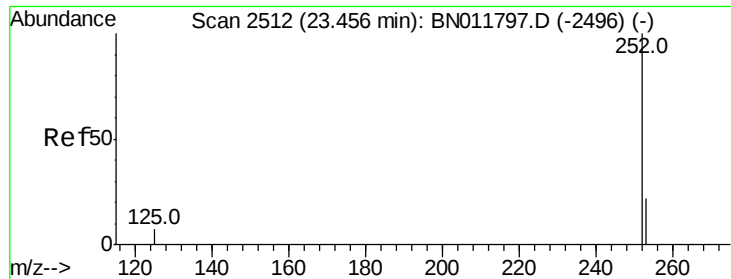
#38  
Benzo(k)fluoranthene  
Concen: 0.460 ng  
RT: 22.93 min Scan# 2357  
Delta R.T. 0.00 min  
Lab File: BN011797.D  
Acq: 15 Sep 2020 11:58

Tgt Ion:252 Resp: 25399  
Ion Ratio Lower Upper  
252 100  
253 24.1 19.3 28.9  
125 7.5 6.0 9.0



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.450 ng

RT: 23.46 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

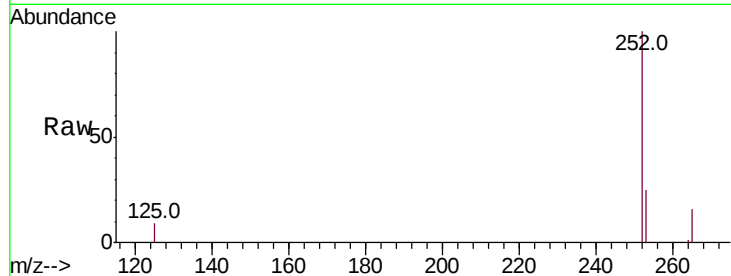
Tot Ion:252 Resp: 21849

Ion Ratio Lower Upper

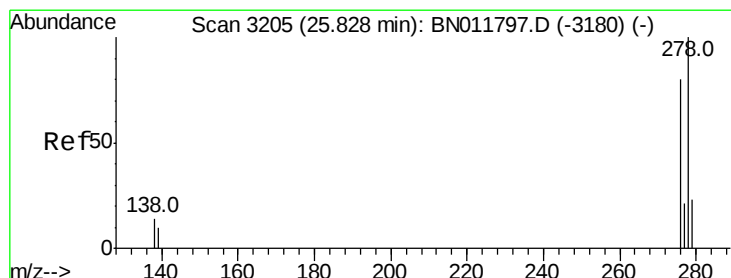
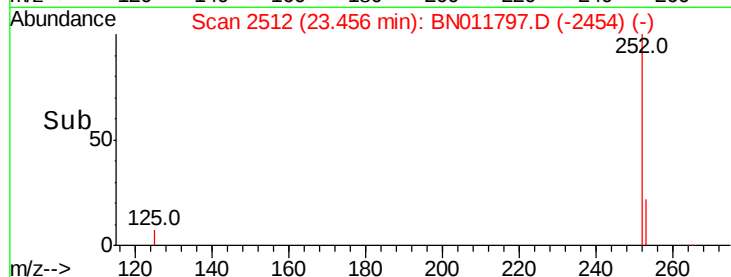
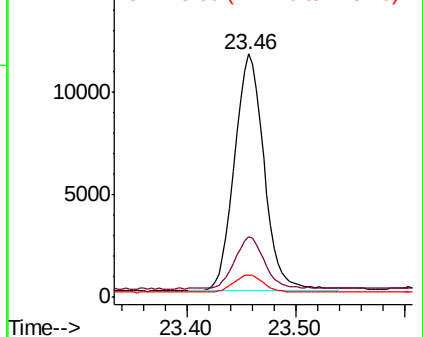
252 100

253 24.7 19.8 29.6

125 9.1 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#40

Dibenzo(a,h)anthracene

Concen: 0.490 ng

RT: 25.83 min Scan# 3205

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

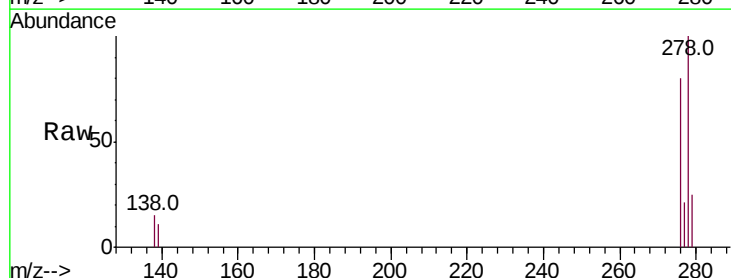
Tgt Ion:278 Resp: 27010

Ion Ratio Lower Upper

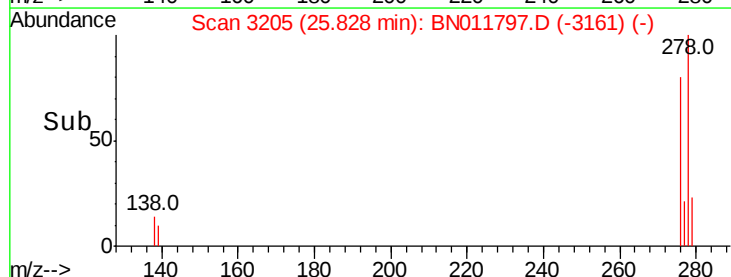
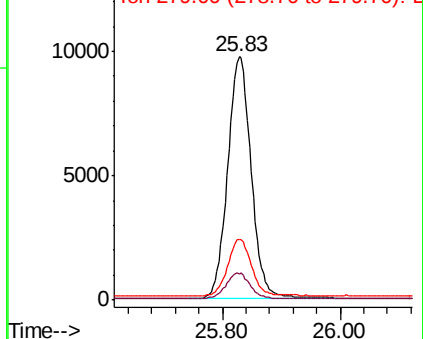
278 100

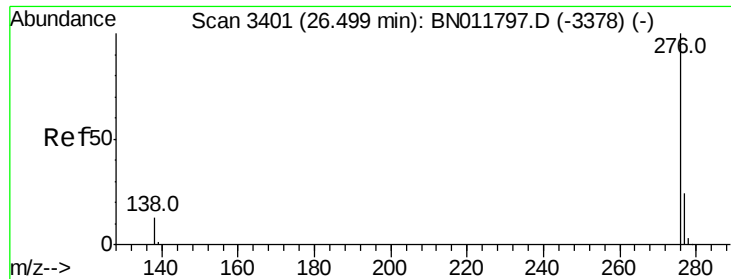
139 10.8 8.6 13.0

279 24.8 19.8 29.8



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: 0.482 ng

RT: 26.50 min Scan# 3401

Delta R.T. 0.00 min

Lab File: BN011797.D

Acq: 15 Sep 2020 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

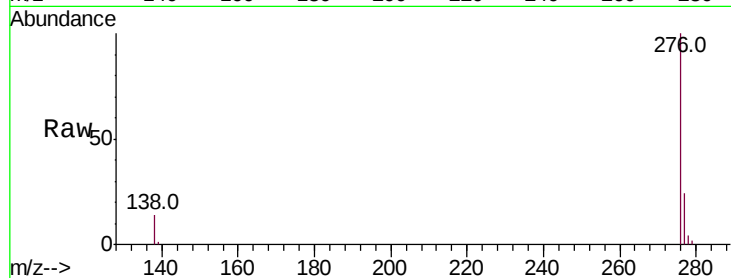
Tot Ion:276 Resp: 26727

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.0

138 14.1 11.3 16.9



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

