

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091520\  
 Data File : BN011798.D  
 Acq On : 15 Sep 2020 12:34  
 Operator : CG/JU  
 Sample : SSTDICC0.8  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.8

Quant Time: Sep 15 13:13:30 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  | 1352     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.50 | 136  | 4761     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.36 | 164  | 2980     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.10 | 188  | 6756     | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12          | 21.30 | 240  | 7443     | 0.40 | ng    | -0.01    |
| 36) Perylene-d12          | 23.55 | 264  | 7404     | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.32  | 112 | 2671  | 0.73 | ng | 0.00  |
| 5) Phenol-d6                | 6.89  | 99  | 3467  | 0.75 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.86  | 82  | 3824  | 0.74 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.10 | 152 | 6711  | 0.76 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 15.85 | 330 | 1181  | 0.74 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 12.97 | 172 | 9771  | 0.73 | ng | -0.01 |
| 27) Fluoranthene-d10        | 19.15 | 212 | 16025 | 0.73 | ng | 0.00  |
| 31) Terphenyl-d14           | 19.75 | 244 | 13751 | 0.66 | ng | 0.00  |

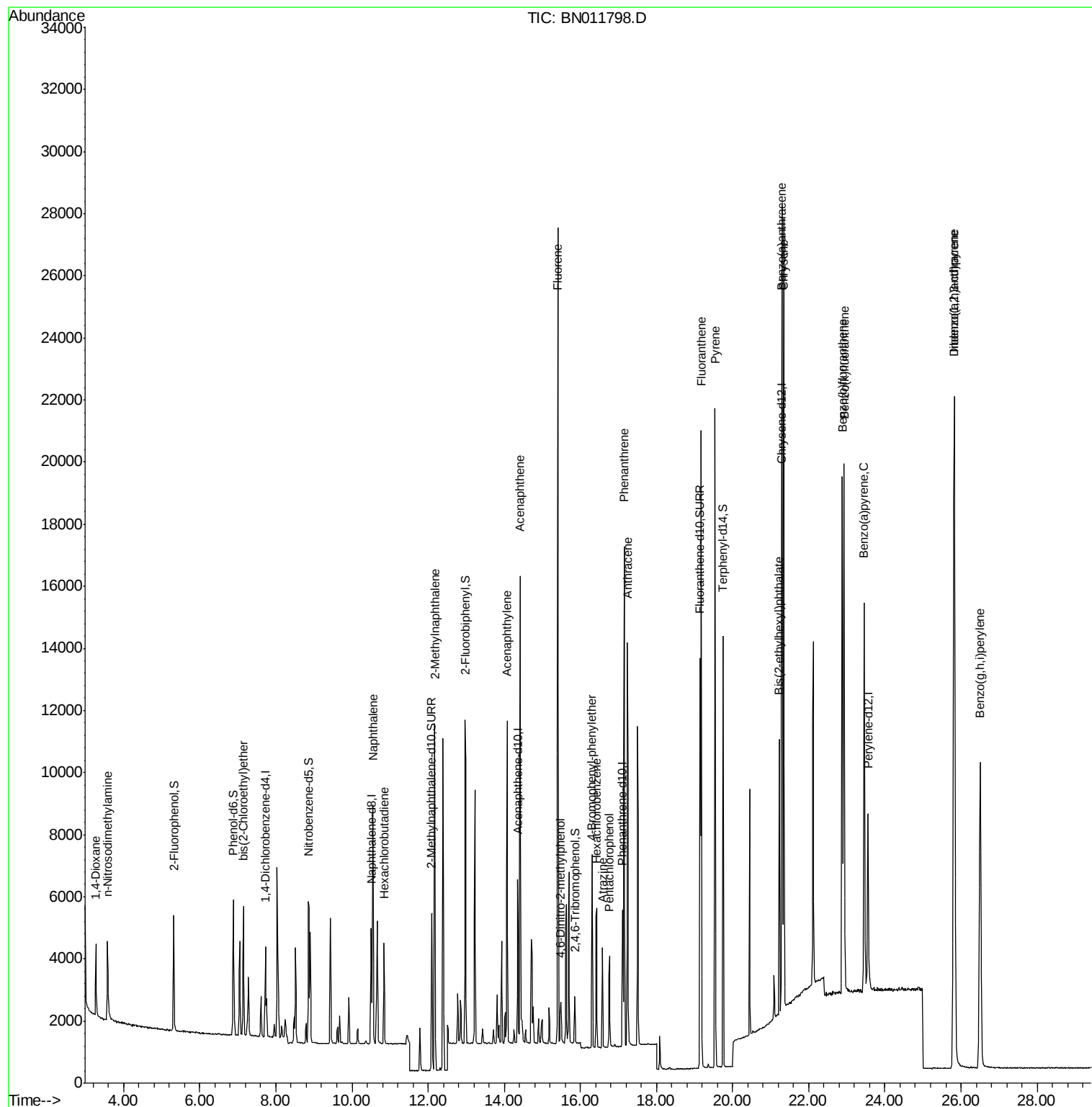
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.27  | 88  | 1316  | 0.737  | ng | 98   |
| 3) n-Nitrosodimethylamine      | 3.58  | 42  | 2183  | 0.765  | ng | # 97 |
| 6) bis(2-Chloroethyl)ether     | 7.15  | 93  | 2904  | 0.751  | ng | 98   |
| 9) Naphthalene                 | 10.55 | 128 | 10107 | 0.737  | ng | 99   |
| 10) Hexachlorobutadiene        | 10.85 | 225 | 2449  | 0.726  | ng | # 98 |
| 12) 2-Methylnaphthalene        | 12.17 | 142 | 7320  | 0.754  | ng | 100  |
| 16) Acenaphthylene             | 14.08 | 152 | 10792 | 0.732  | ng | 99   |
| 17) Acenaphthene               | 14.42 | 154 | 7727  | 0.742  | ng | 100  |
| 18) Fluorene                   | 15.41 | 166 | 9717  | 0.741  | ng | 99   |
| 20) 4,6-Dinitro-2-methylphenol | 15.49 | 198 | 1048  | 0.702  | ng | 90   |
| 21) 4-Bromophenyl-phenylether  | 16.31 | 248 | 3091  | 0.725  | ng | 96   |
| 22) Hexachlorobenzene          | 16.42 | 284 | 3682  | 0.747  | ng | 99   |
| 23) Atrazine                   | 16.58 | 200 | 2728  | 0.706  | ng | 99   |
| 24) Pentachlorophenol          | 16.76 | 266 | 1481  | 0.715  | ng | 96   |
| 25) Phenanthrene               | 17.15 | 178 | 15930 | 0.720  | ng | 100  |
| 26) Anthracene                 | 17.24 | 178 | 14175 | 0.724  | ng | 99   |
| 28) Fluoranthene               | 19.18 | 202 | 18969 | 0.703  | ng | 100  |
| 30) Pyrene                     | 19.54 | 202 | 18865 | 0.719  | ng | 100  |
| 32) Benzo(a)anthracene         | 21.29 | 228 | 18864 | 0.699  | ng | 99   |
| 33) Chrysene                   | 21.34 | 228 | 20123 | 0.712  | ng | 100  |
| 34) Bis(2-ethylhexyl)phthalate | 21.23 | 149 | 8360  | 0.629  | ng | 99   |
| 35) Indeno(1,2,3-cd)pyrene     | 25.81 | 276 | 26251 | 0.715  | ng | 100  |
| 37) Benzo(b)fluoranthene       | 22.88 | 252 | 21493 | 0.702  | ng | 99   |
| 38) Benzo(k)fluoranthene       | 22.93 | 252 | 21957 | 0.721  | ng | 99   |
| 39) Benzo(a)pyrene             | 23.46 | 252 | 18925 | 0.707  | ng | 99   |
| 40) Dibenzo(a,h)anthracene     | 25.83 | 278 | 21981 | 0.723  | ng | 99   |
| 41) Benzo(g,h,i)perylene       | 26.50 | 276 | 21834 | 0.713  | ng | 99   |

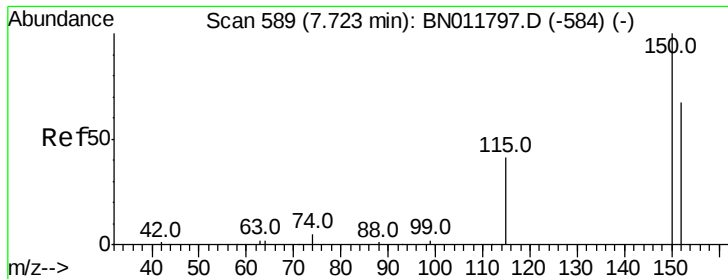
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091520\  
Data File : BN011798.D  
Acq On : 15 Sep 2020 12:34  
Operator : CG/JU  
Sample : SSTDICC0.8  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8

Quant Time: Sep 15 13:13:30 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: BN011798.D

Acq: 15 Sep 2020 12:34

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

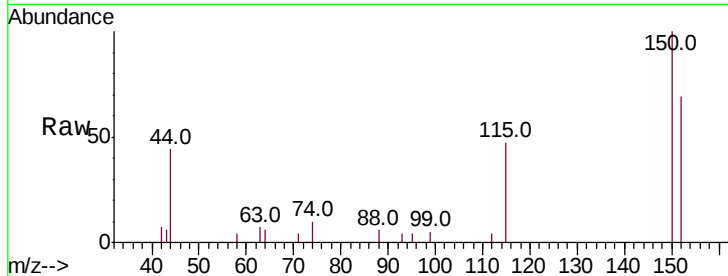
Tot Ion:152 Resp: 1352

Ion Ratio Lower Upper

152 100

150 145.1 118.3 177.5

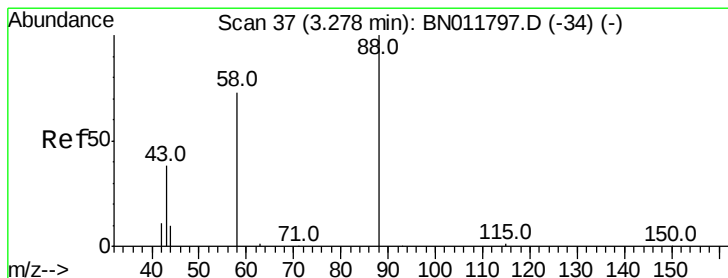
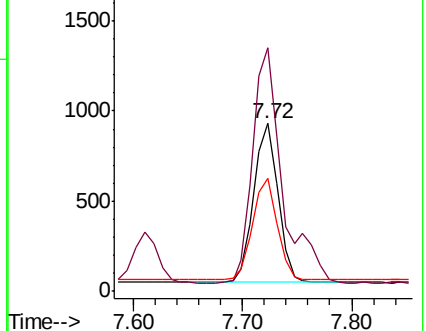
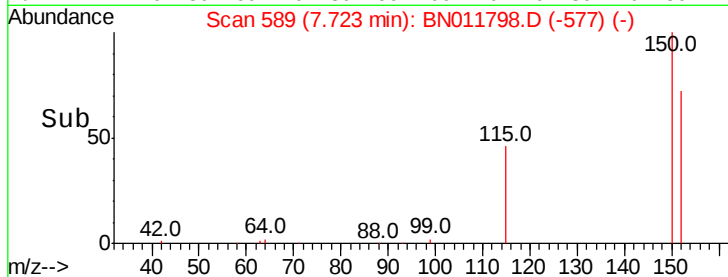
115 67.6 51.3 76.9



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: 0.737 ng

RT: 3.27 min Scan# 36

Delta R.T. -0.01 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

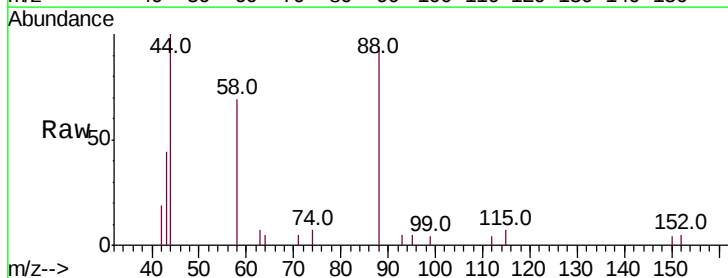
Tgt Ion: 88 Resp: 1316

Ion Ratio Lower Upper

88 100

58 77.1 63.3 94.9

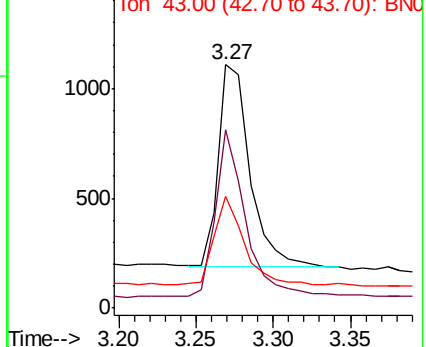
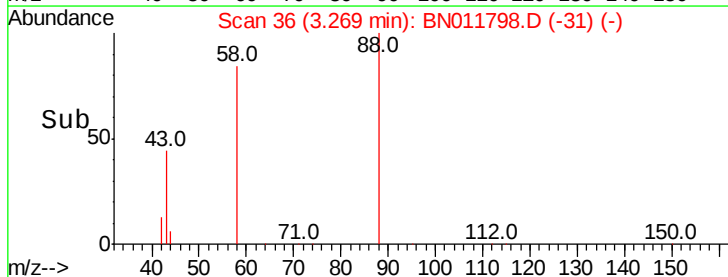
43 40.2 33.0 49.4

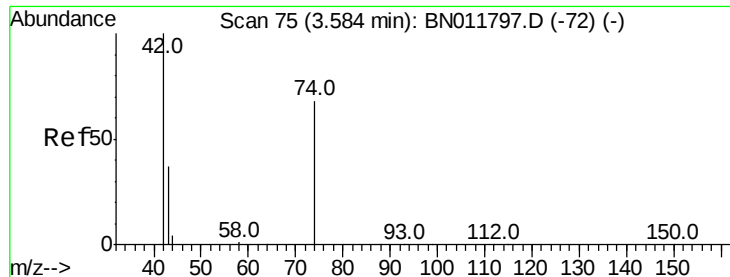


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.765 ng

RT: 3.58 min Scan# 74

Delta R.T. -0.01 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

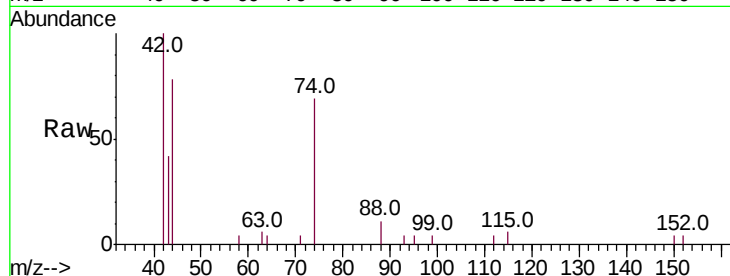
Tot Ion: 42 Resp: 2183

Ion Ratio Lower Upper

42 100

74 83.4 64.4 96.6

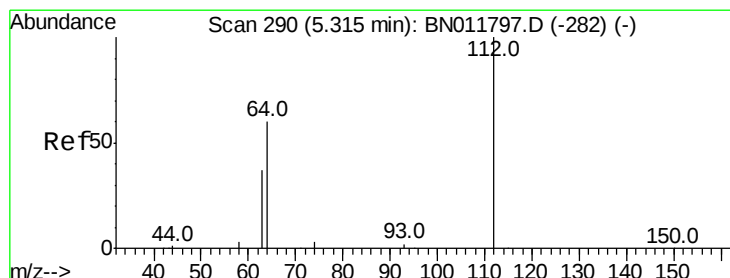
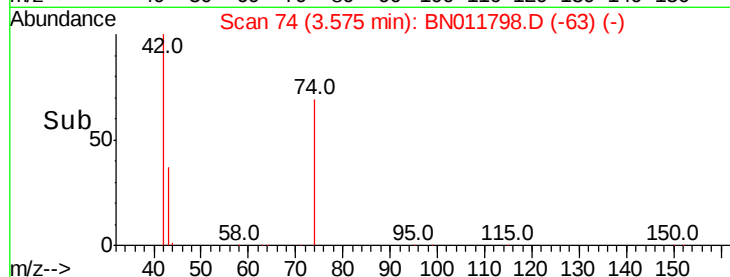
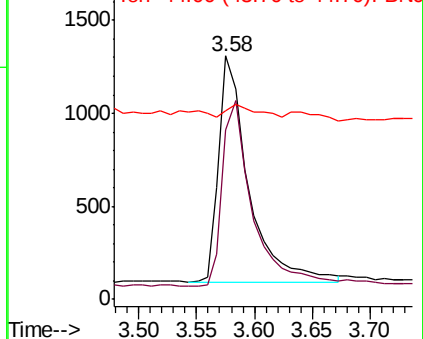
44 6.6 6.7 10.1#



Abundance Ion 42.00 (41.70 to 42.70): BN011797.D (-72) (-)

Ion 74.00 (73.70 to 74.70): BN011797.D (-72) (-)

Ion 44.00 (43.70 to 44.70): BN011797.D (-72) (-)



#4

2-Fluorophenol

Concen: 0.732 ng

RT: 5.32 min Scan# 290

Delta R.T. -0.00 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

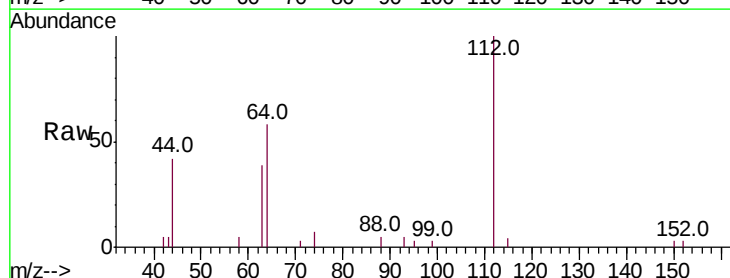
Tgt Ion: 112 Resp: 2671

Ion Ratio Lower Upper

112 100

64 61.2 49.0 73.6

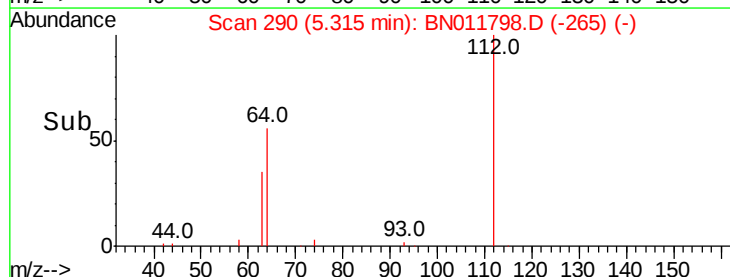
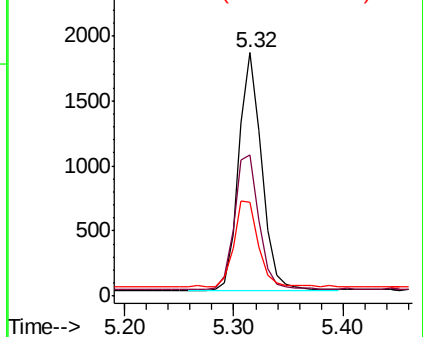
63 40.1 31.8 47.6

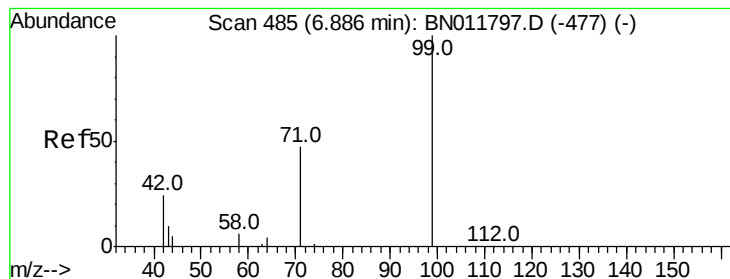


Abundance Ion 112.00 (111.70 to 112.70): BN011797.D (-282) (-)

Ion 64.00 (63.70 to 64.70): BN011797.D (-282) (-)

Ion 63.00 (62.70 to 63.70): BN011797.D (-282) (-)





#5

Phenol-d6

Concen: 0.751 ng

RT: 6.89 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

Instrument :

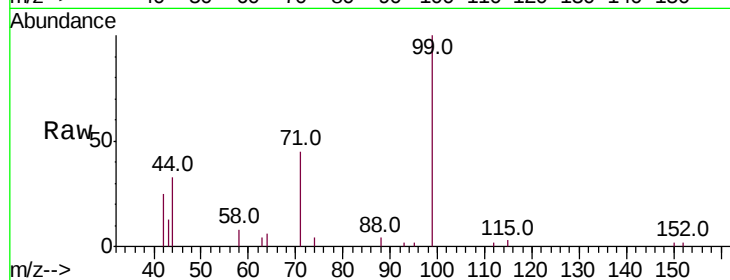
BNA\_N

ClientSampleId :

SSTDIC0.8

Tot Ion: 99 Resp: 3467

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 30.6  | 23.4  | 35.0  |
| 71  | 47.3  | 38.1  | 57.1  |

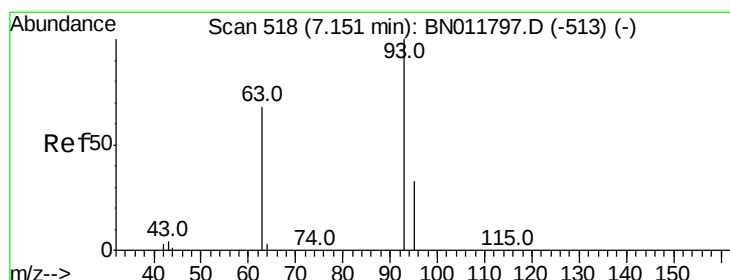
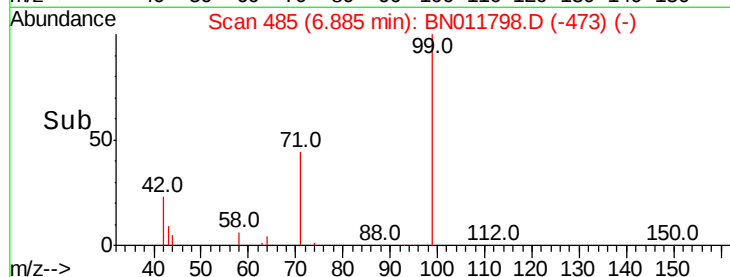


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.751 ng

RT: 7.15 min Scan# 518

Delta R.T. -0.00 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

Tgt Ion: 93 Resp: 2904

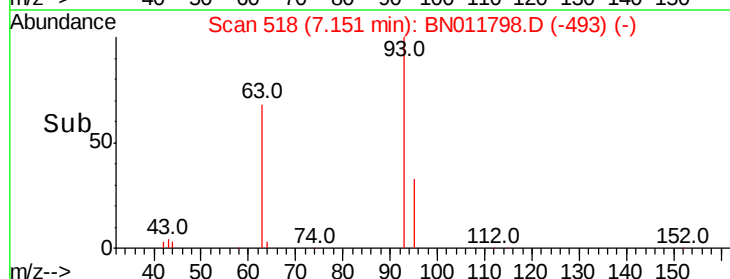
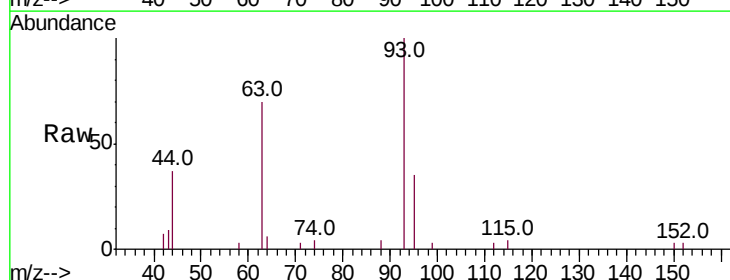
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 78.4  | 61.1  | 91.7  |
| 95  | 32.6  | 25.5  | 38.3  |

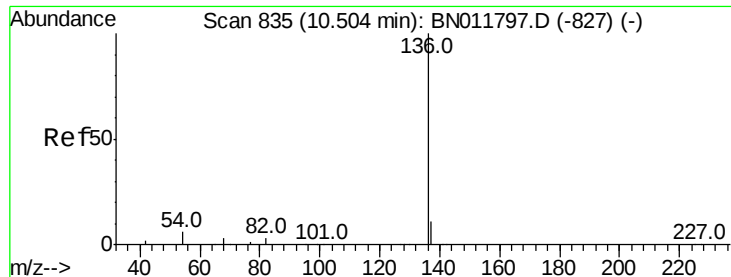
Abundance

Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 4761

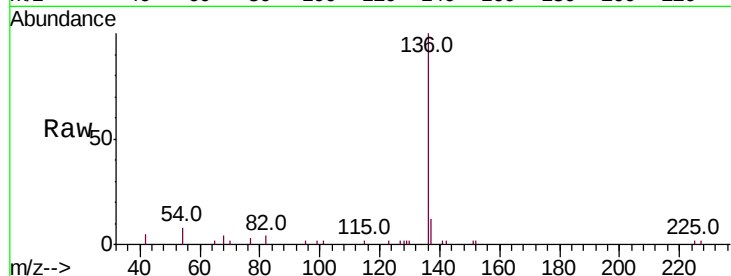
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 7.6 5.6 8.4

68 4.5 3.2 4.8

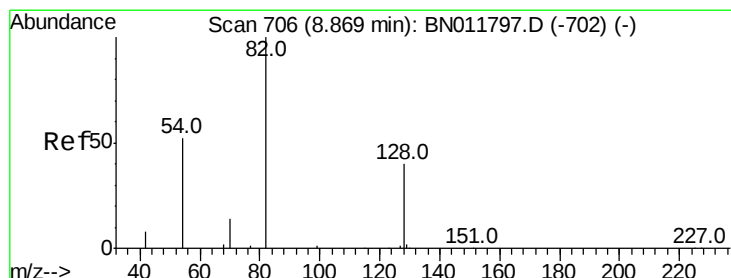
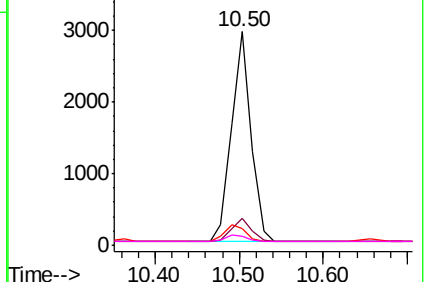
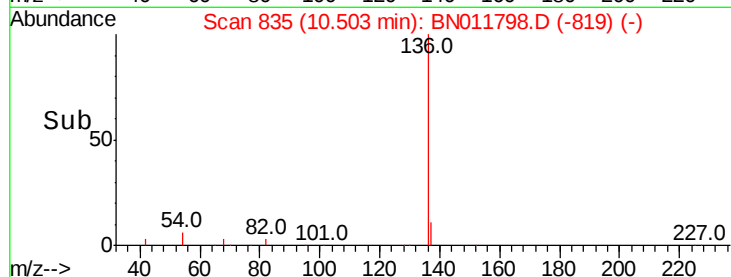


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.736 ng

RT: 8.86 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

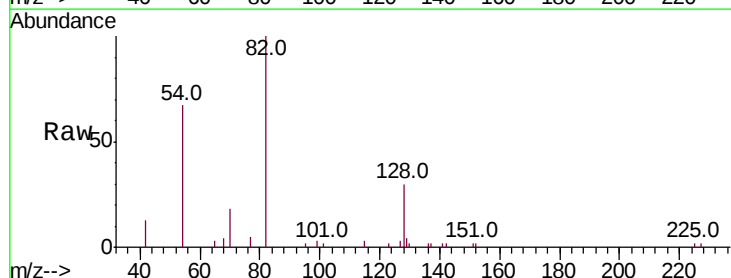
Tgt Ion: 82 Resp: 3824

Ion Ratio Lower Upper

82 100

128 29.8 34.2 51.2#

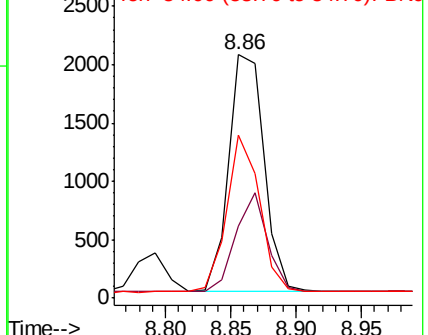
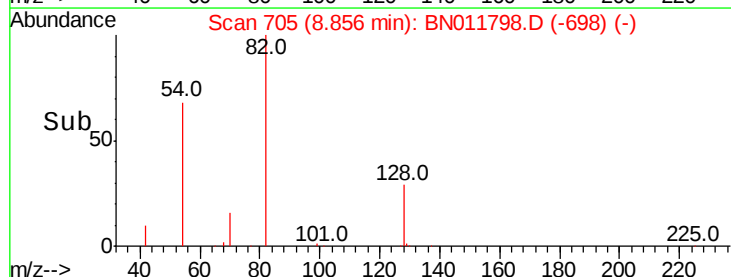
54 67.1 43.1 64.7#

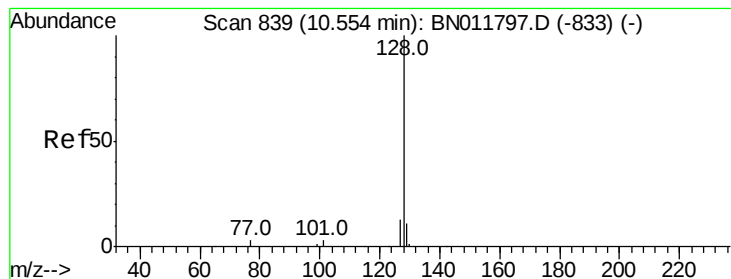


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.737 ng

RT: 10.55 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

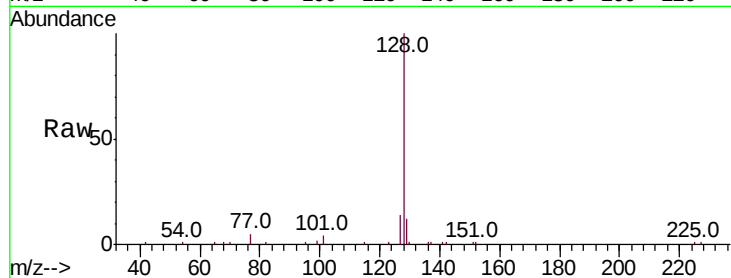
Tot Ion:128 Resp: 10107

Ion Ratio Lower Upper

128 100

129 12.0 9.7 14.5

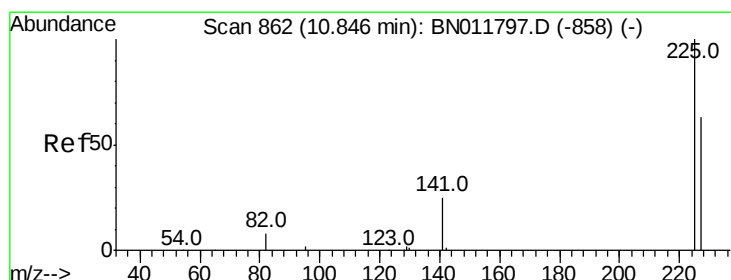
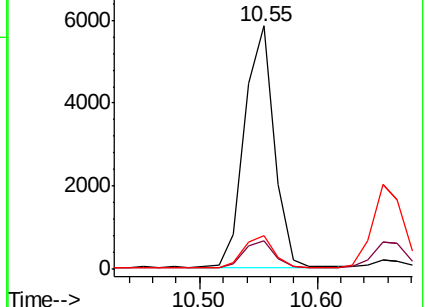
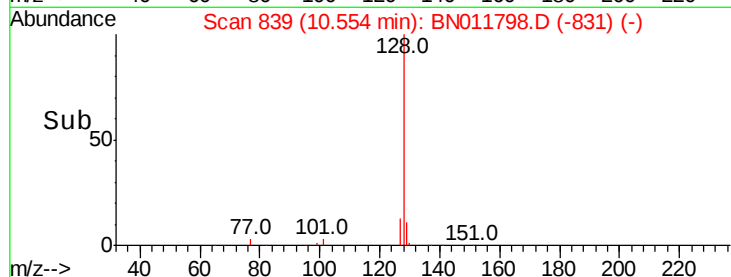
127 14.0 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.726 ng

RT: 10.85 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

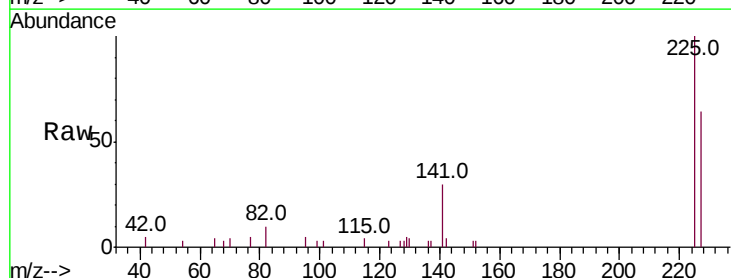
Tgt Ion:225 Resp: 2449

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

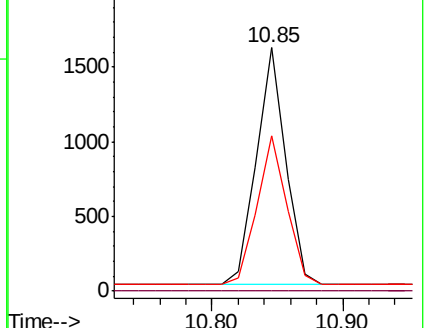
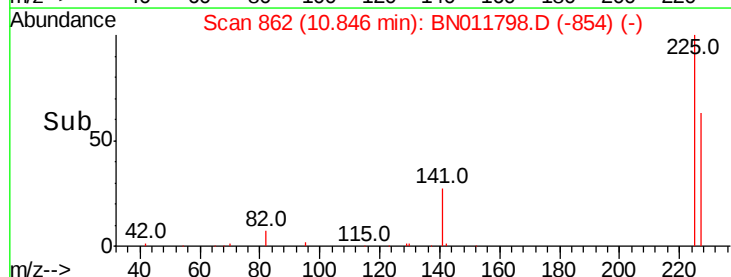
227 63.7 51.9 77.9

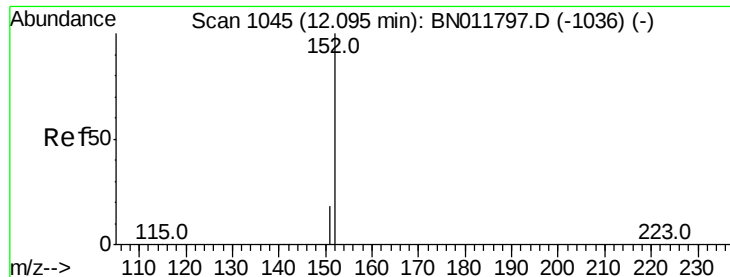


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

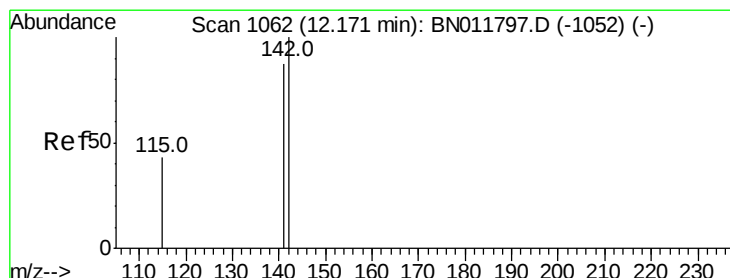
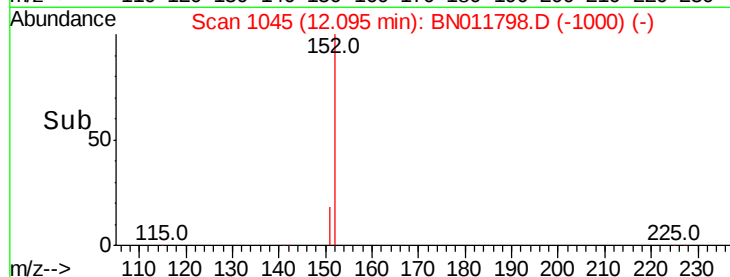
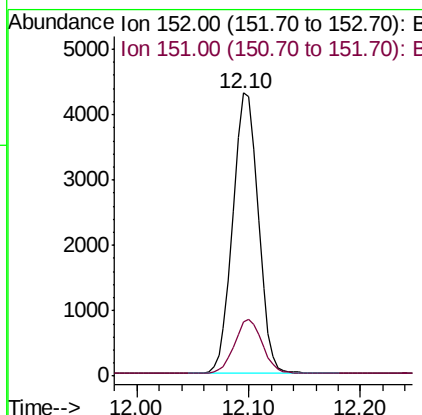
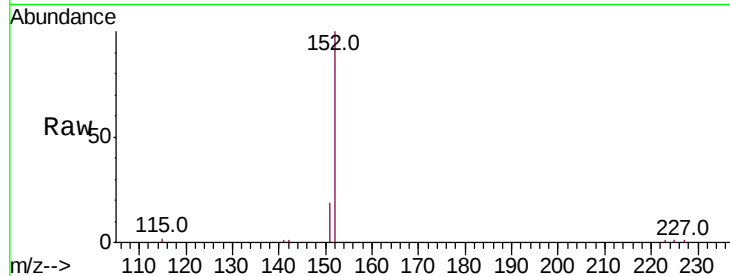




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.756 ng  
 RT: 12.10 min Scan# 1045  
 Delta R.T. -0.00 min  
 Lab File: BN011798.D  
 Acq: 15 Sep 2020 12:34

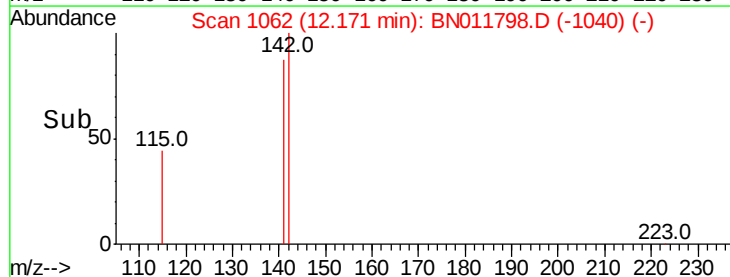
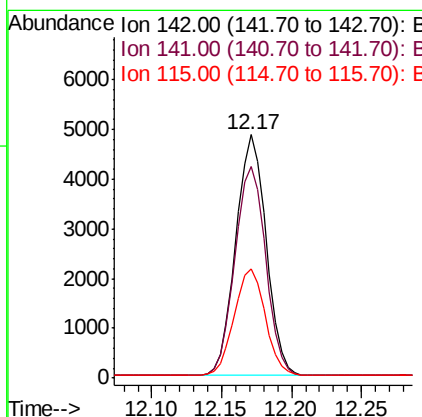
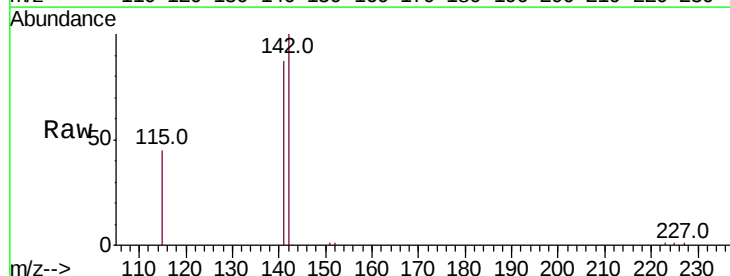
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.8

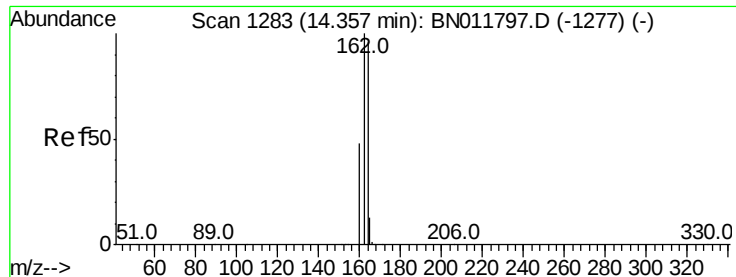
Tot Ion:152 Resp: 6711  
 Ion Ratio Lower Upper  
 152 100  
 151 20.6 16.7 25.1



#12  
 2-Methylnaphthalene  
 Concen: 0.754 ng  
 RT: 12.17 min Scan# 1062  
 Delta R.T. -0.00 min  
 Lab File: BN011798.D  
 Acq: 15 Sep 2020 12:34

Tgt Ion:142 Resp: 7320  
 Ion Ratio Lower Upper  
 142 100  
 141 86.9 70.0 105.0  
 115 44.8 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: BN011798.D

Acq: 15 Sep 2020 12:34

Instrument :

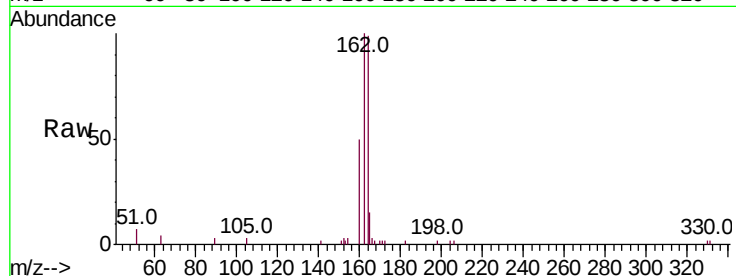
BNA\_N

ClientSampleId :

SSTDIC0.8

Tot Ion:164 Resp: 2980

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.0 | 83.6  | 125.4 |
| 160 | 50.7  | 41.2  | 61.8  |

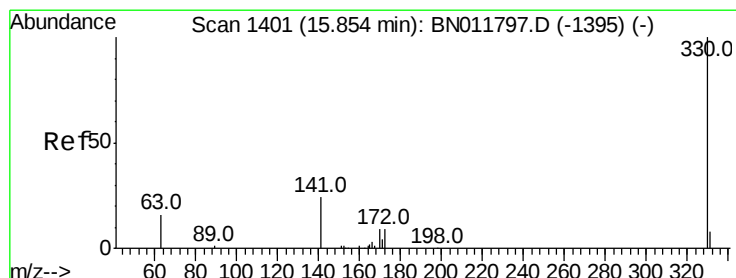
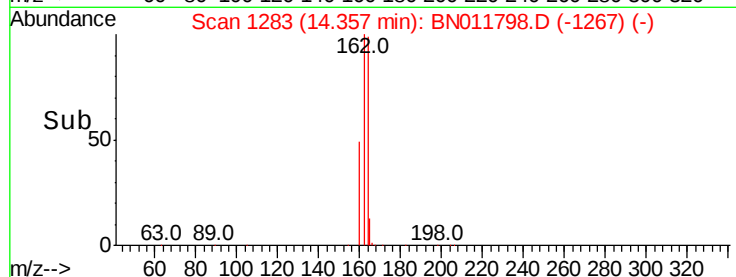
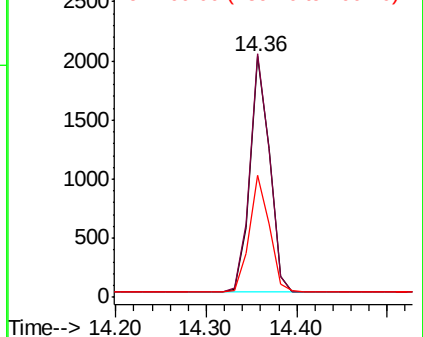


Abundance

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: 0.738 ng

RT: 15.85 min Scan# 1401

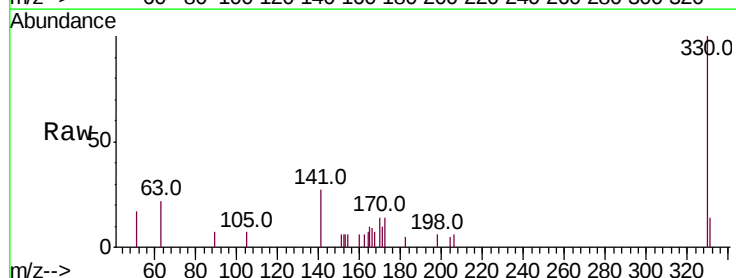
Delta R.T. -0.00 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

Tgt Ion:330 Resp: 1181

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 0.0   | 0.0   | 0.0   |
| 141 | 39.7  | 33.7  | 50.5  |

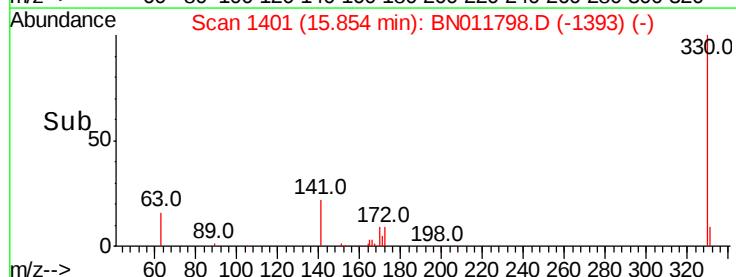
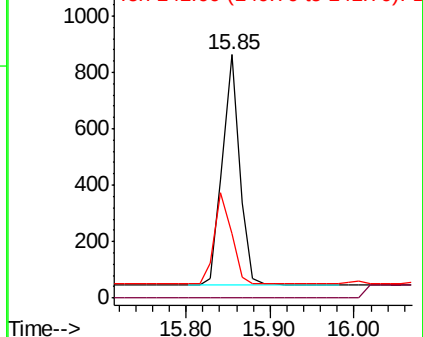


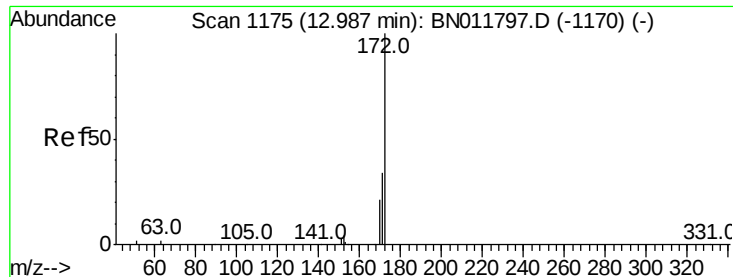
Abundance

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

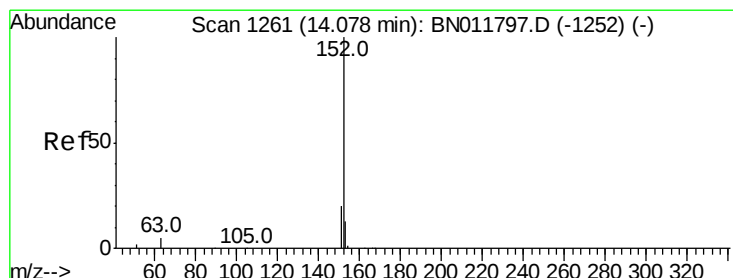
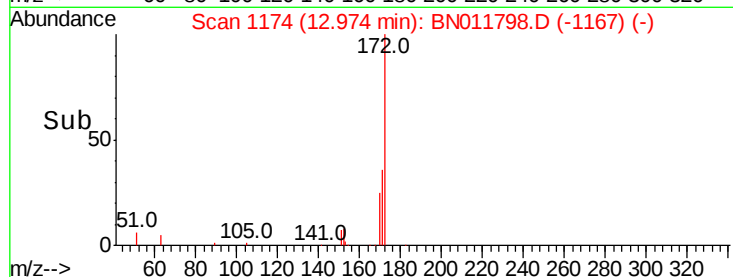
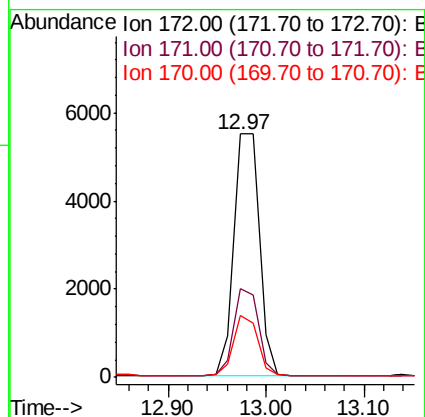
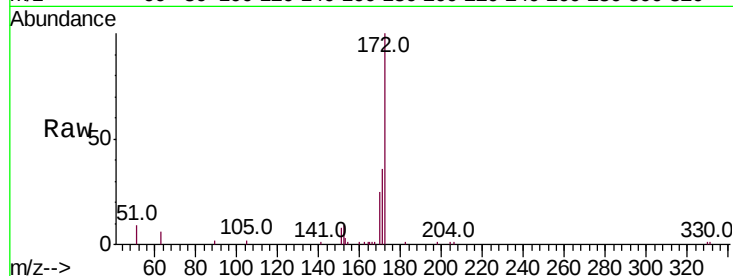




#15  
2-Fluorobiphenyl  
Concen: 0.734 ng  
RT: 12.97 min Scan# 1174  
Delta R.T. -0.01 min  
Lab File: BN011798.D  
Acq: 15 Sep 2020 12:34

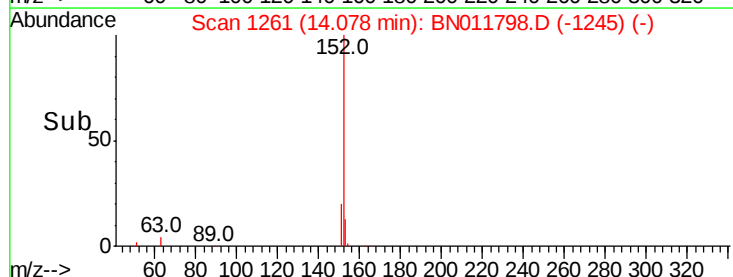
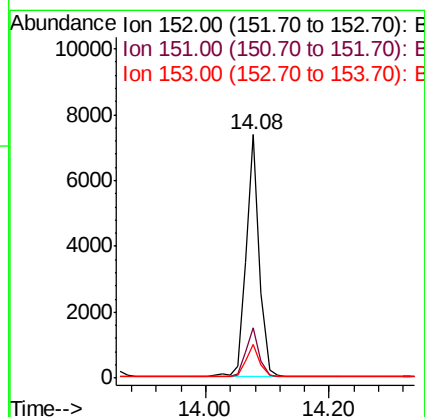
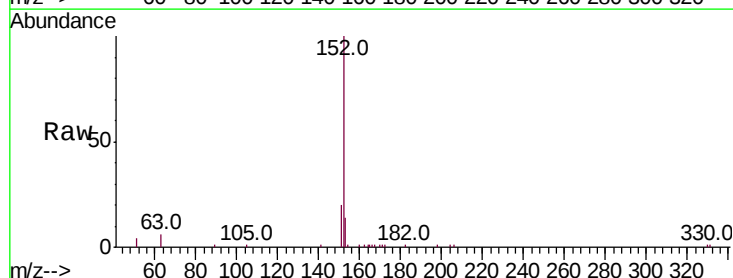
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.8

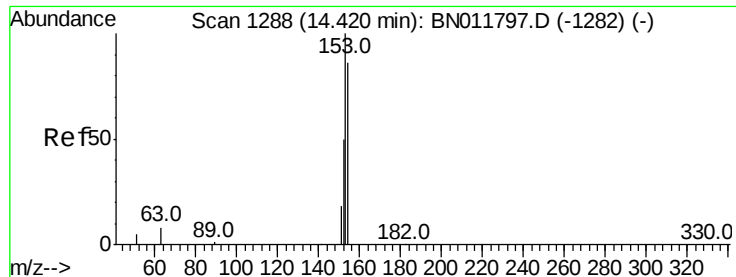
Tot Ion:172 Resp: 9771  
Ion Ratio Lower Upper  
172 100  
171 36.2 27.4 41.2  
170 25.3 17.8 26.6



#16  
Acenaphthylene  
Concen: 0.732 ng  
RT: 14.08 min Scan# 1261  
Delta R.T. -0.00 min  
Lab File: BN011798.D  
Acq: 15 Sep 2020 12:34

Tgt Ion:152 Resp: 10792  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.9 23.9  
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.742 ng

RT: 14.42 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

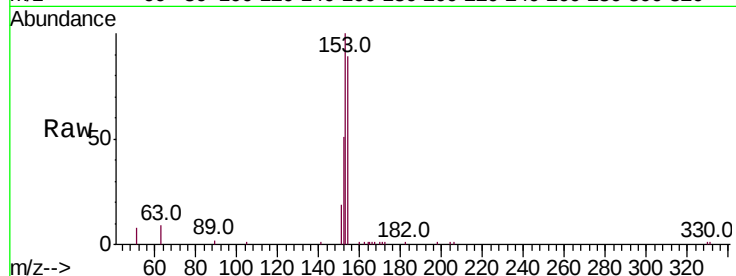
Tot Ion:154 Resp: 7727

Ion Ratio Lower Upper

154 100

153 104.3 83.4 125.2

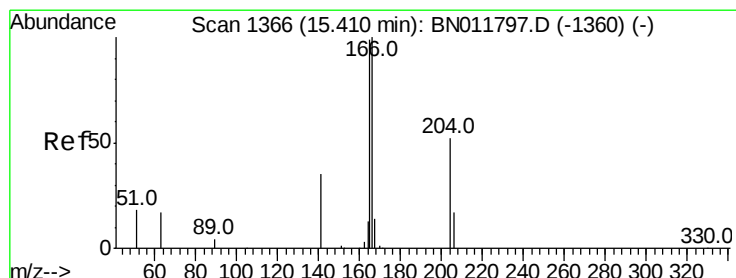
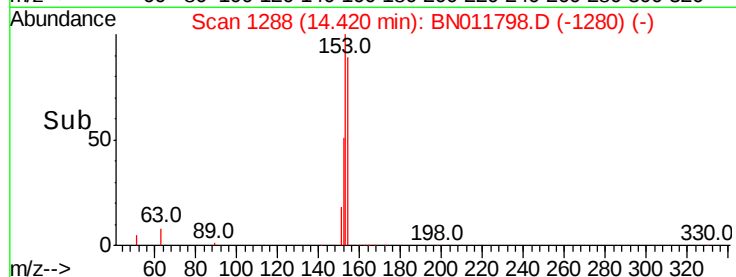
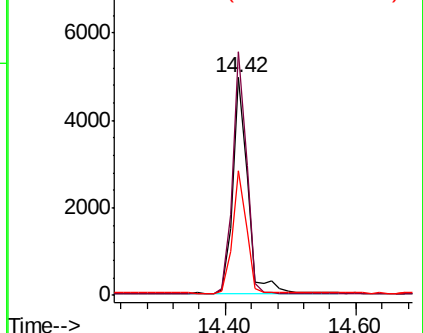
152 53.5 42.8 64.2



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: 0.741 ng

RT: 15.41 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

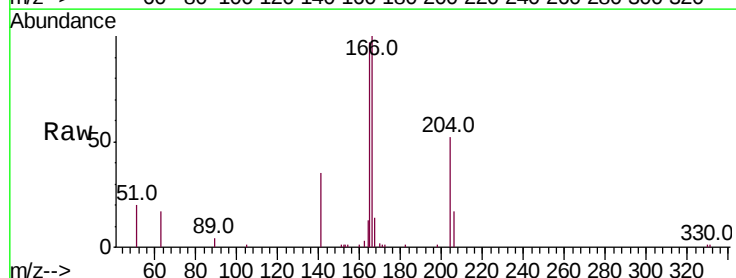
Tgt Ion:166 Resp: 9717

Ion Ratio Lower Upper

166 100

165 97.2 78.8 118.2

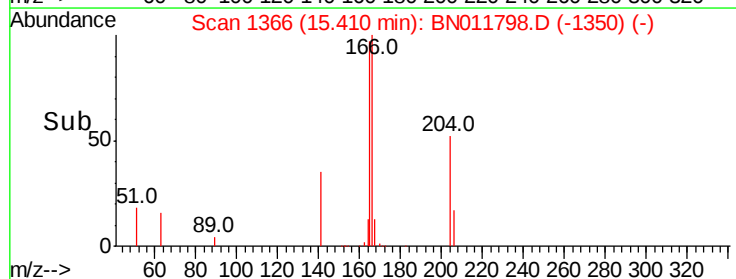
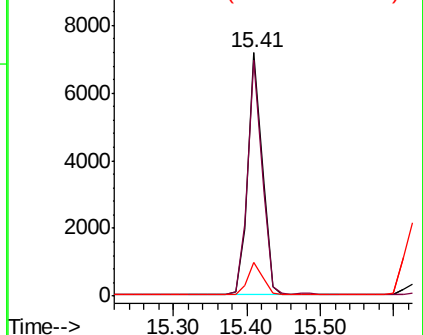
167 13.4 11.2 16.8

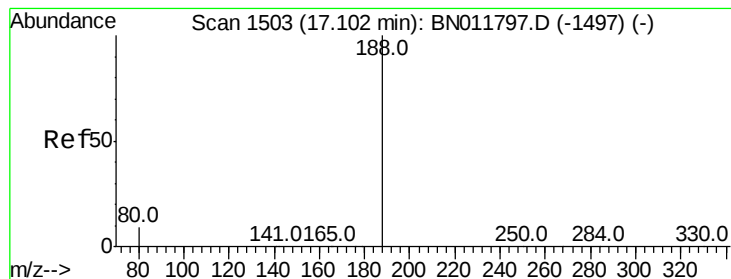


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN011798.D

Acq: 15 Sep 2020 12:34

Instrument :

BNA\_N

ClientSampled :

SSTDIC0.8

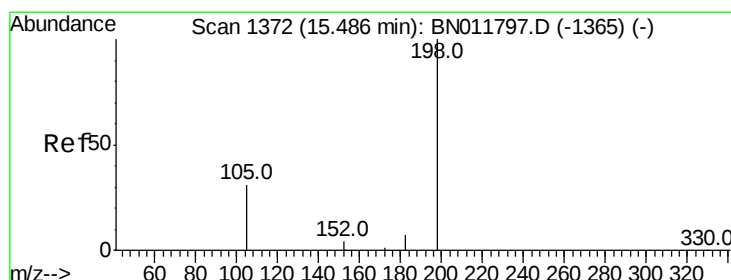
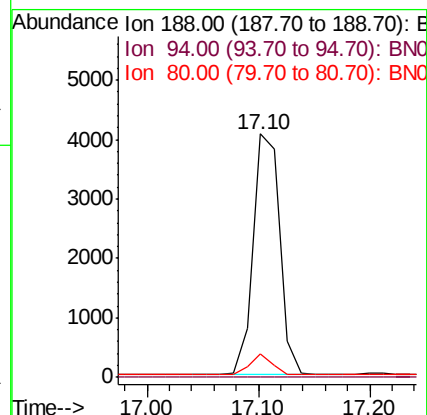
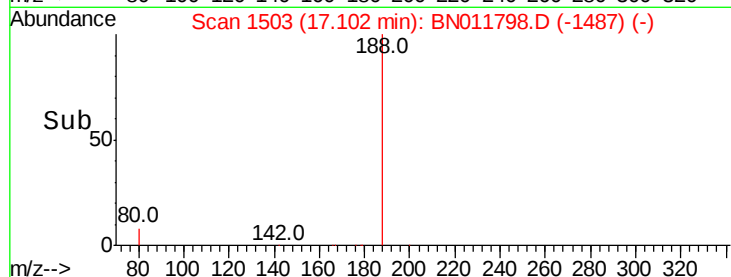
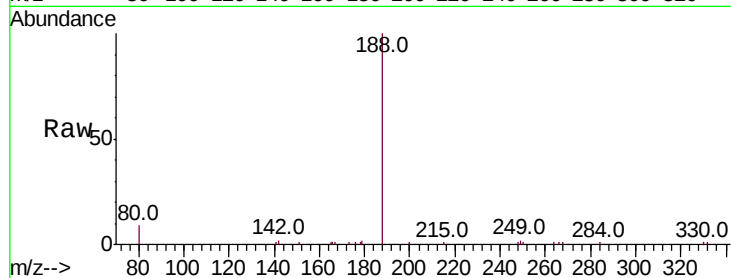
Tot Ion:188 Resp: 6756

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.4 7.7 11.5



#20

4,6-Dinitro-2-methylphenol

Concen: 0.702 ng

RT: 15.49 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

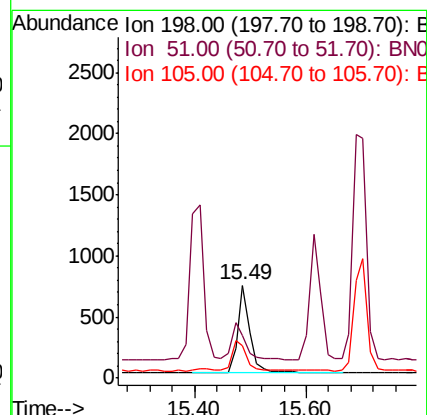
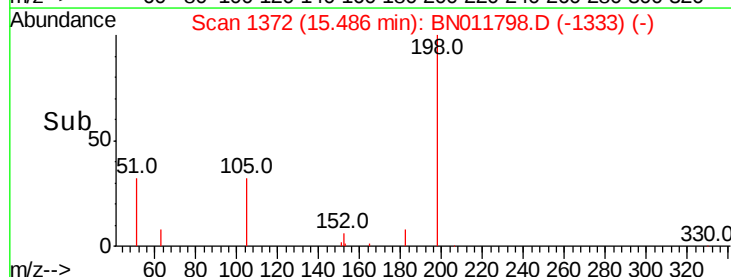
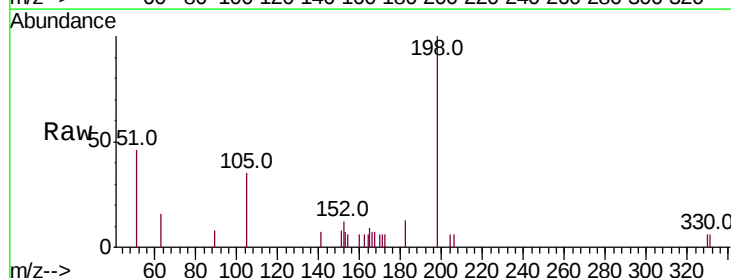
Tgt Ion:198 Resp: 1048

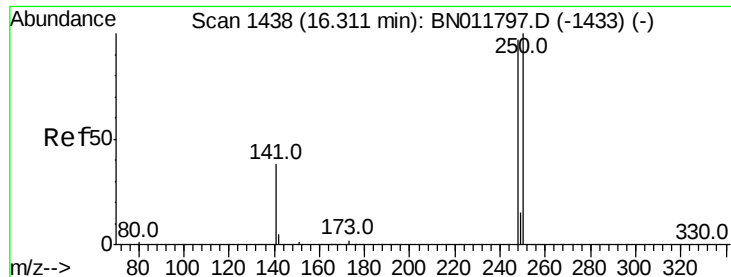
Ion Ratio Lower Upper

198 100

51 45.9 45.0 67.4

105 35.1 30.4 45.6

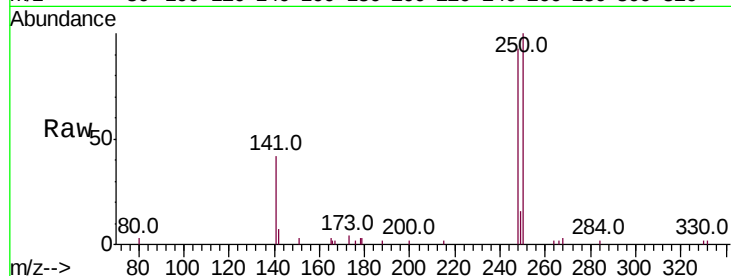




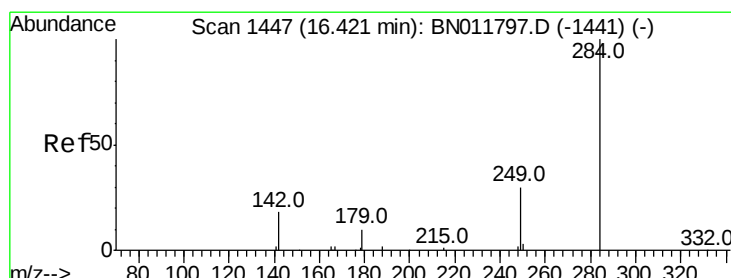
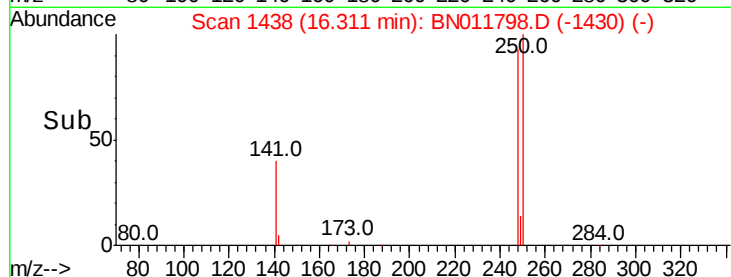
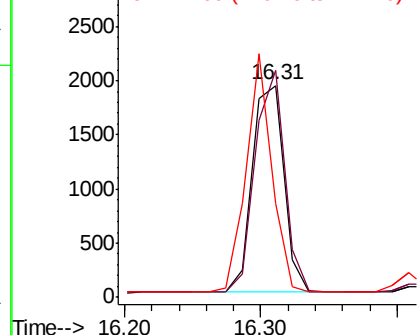
#21  
4-Bromophenyl-phenylether  
Concen: 0.725 ng  
RT: 16.31 min Scan# 1438  
Delta R.T. -0.00 min  
Lab File: BN011798.D  
Acq: 15 Sep 2020 12:34

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.8

Tot Ion:248 Resp: 3091  
Ion Ratio Lower Upper  
248 100  
250 107.0 82.7 124.1  
141 44.5 33.7 50.5

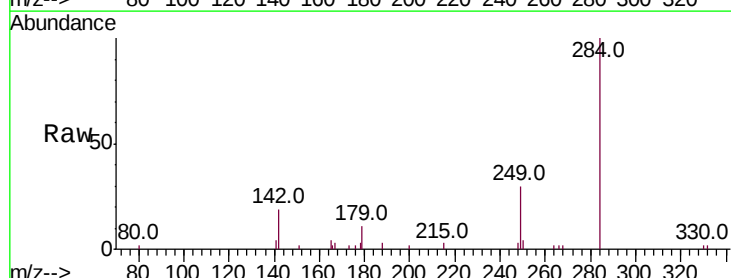


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

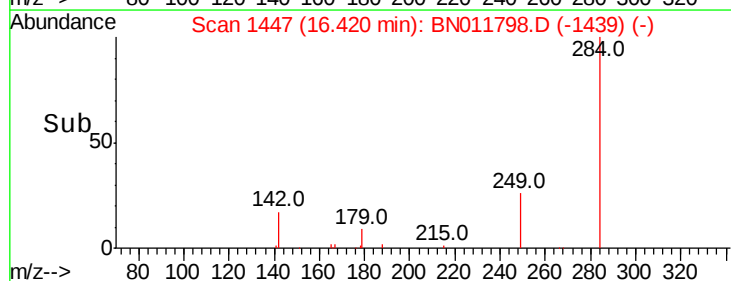
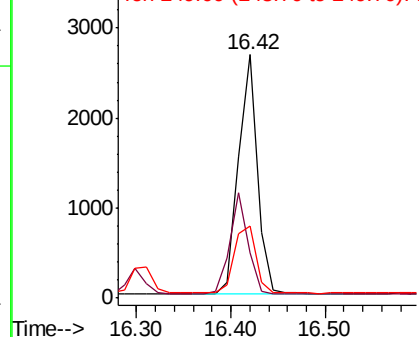


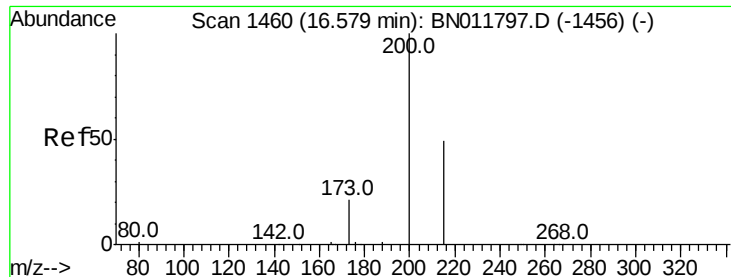
#22  
Hexachlorobenzene  
Concen: 0.747 ng  
RT: 16.42 min Scan# 1447  
Delta R.T. -0.00 min  
Lab File: BN011798.D  
Acq: 15 Sep 2020 12:34

Tgt Ion:284 Resp: 3682  
Ion Ratio Lower Upper  
284 100  
142 40.5 32.4 48.6  
249 32.9 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: 0.706 ng

RT: 16.58 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

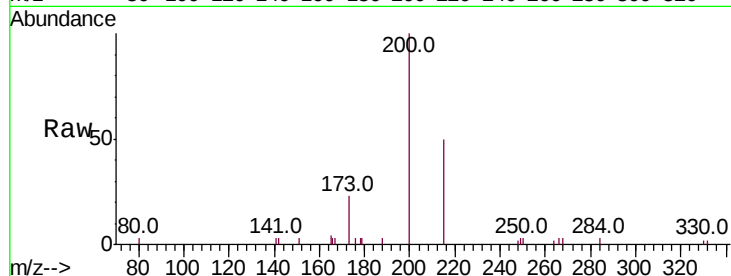
Tot Ion:200 Resp: 2728

Ion Ratio Lower Upper

200 100

173 23.1 18.7 28.1

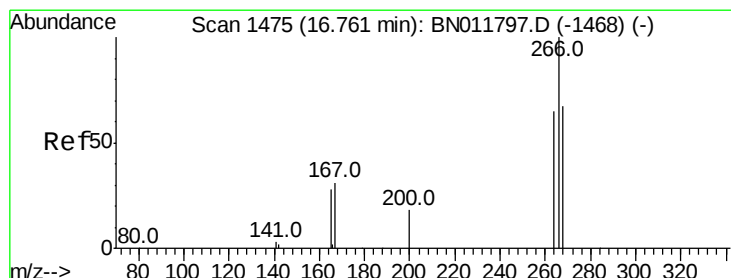
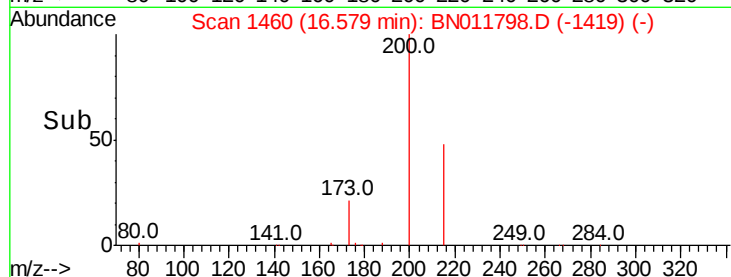
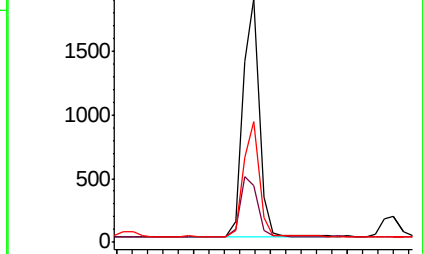
215 49.6 40.2 60.4



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



#24

Pentachlorophenol

Concen: 0.715 ng

RT: 16.76 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

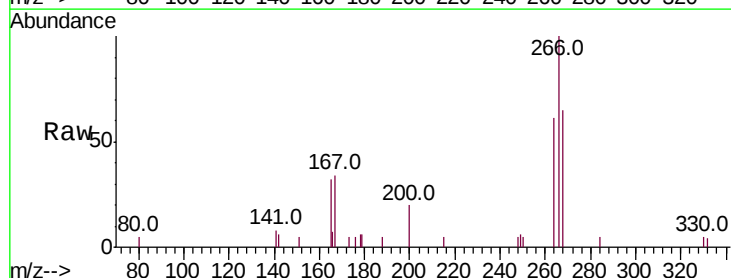
Tgt Ion:266 Resp: 1481

Ion Ratio Lower Upper

266 100

264 60.0 51.2 76.8

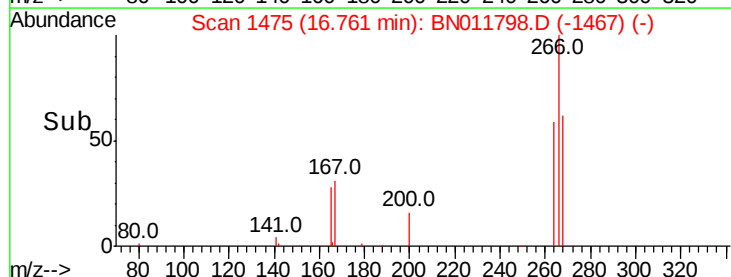
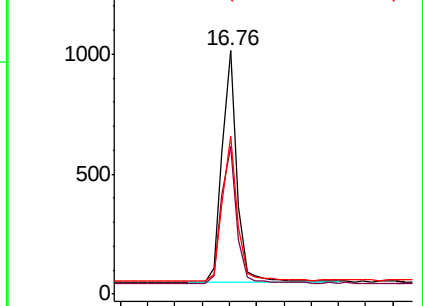
268 62.9 52.4 78.6

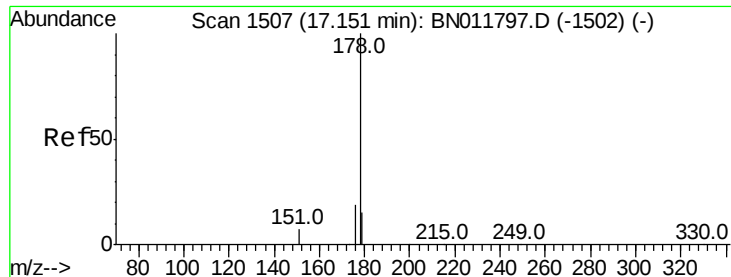


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.720 ng

RT: 17.15 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

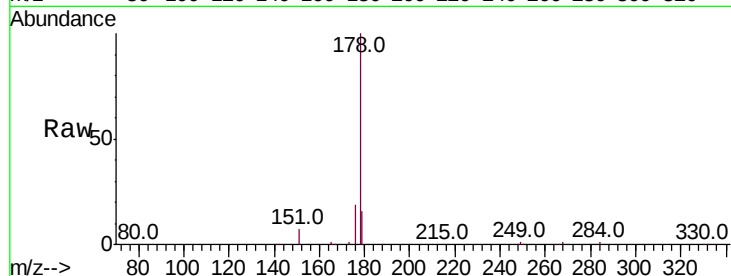
Tot Ion:178 Resp: 15930

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

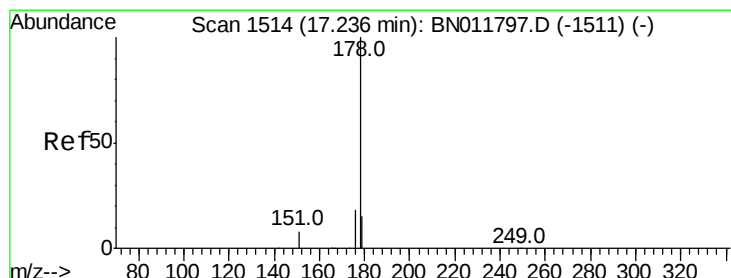
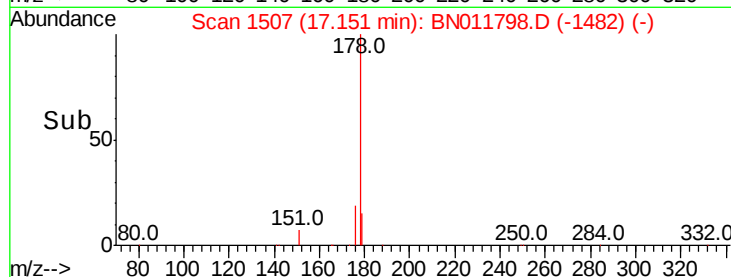
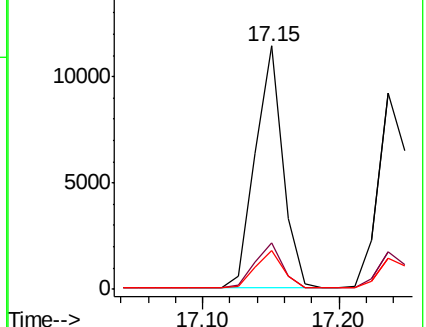
179 15.6 12.3 18.5



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: 0.724 ng

RT: 17.24 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

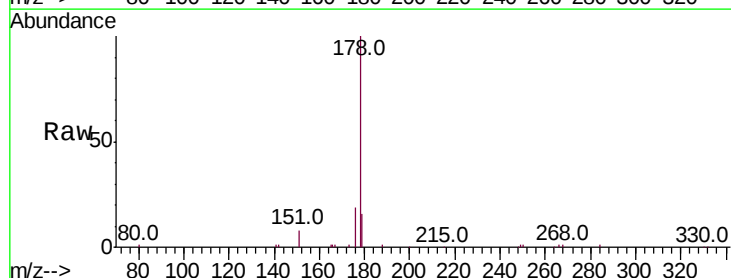
Tgt Ion:178 Resp: 14175

Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

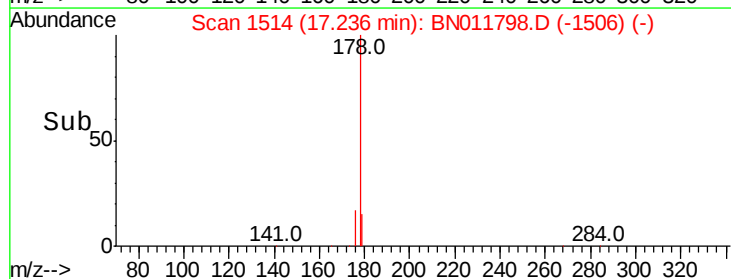
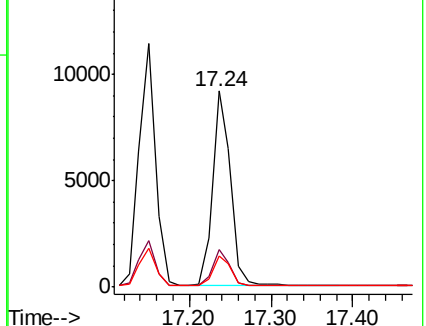
179 15.5 12.4 18.6

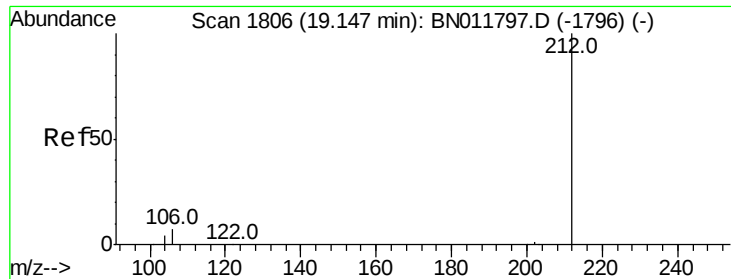


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

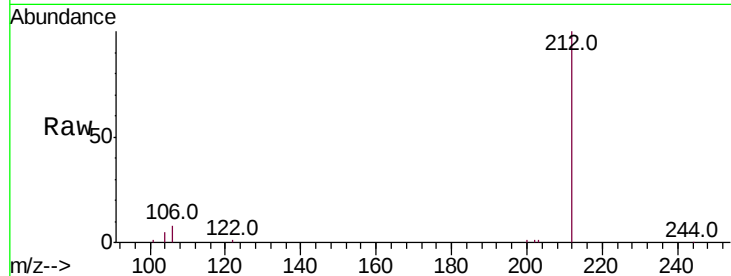




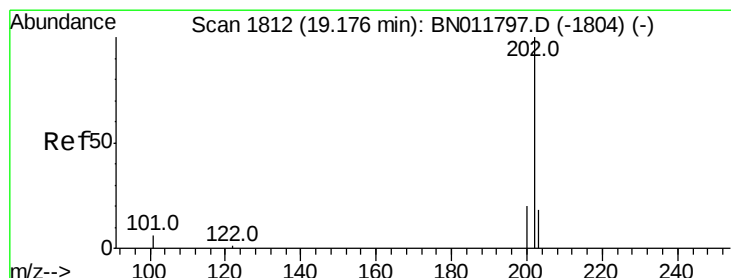
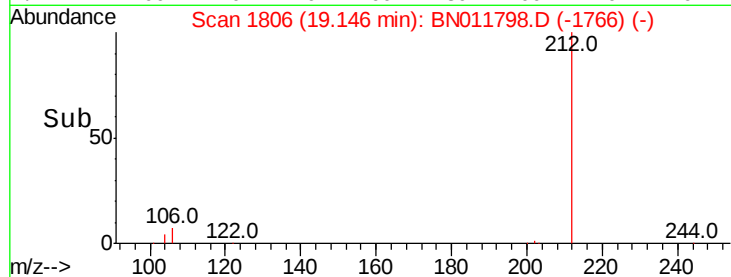
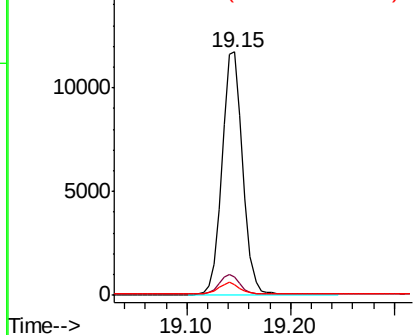
#27  
Fluoranthene-d10  
Concen: 0.735 ng  
RT: 19.15 min Scan# 1806  
Delta R.T. -0.00 min  
Lab File: BN011798.D  
Acq: 15 Sep 2020 12:34

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.8

Tot Ion:212 Resp: 16025  
Ion Ratio Lower Upper  
212 100  
106 8.1 6.4 9.6  
104 4.7 3.9 5.9

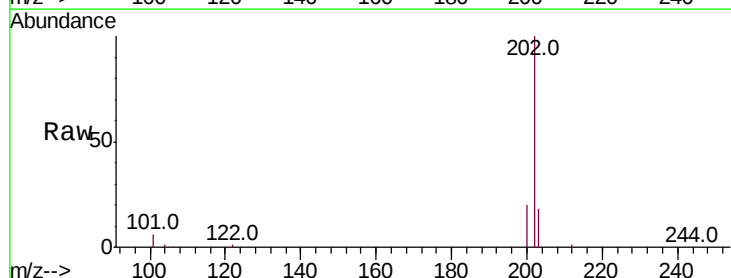


Abundance Ion 212.00 (211.70 to 212.70): E  
Ion 106.00 (105.70 to 106.70): E  
Ion 104.00 (103.70 to 104.70): E

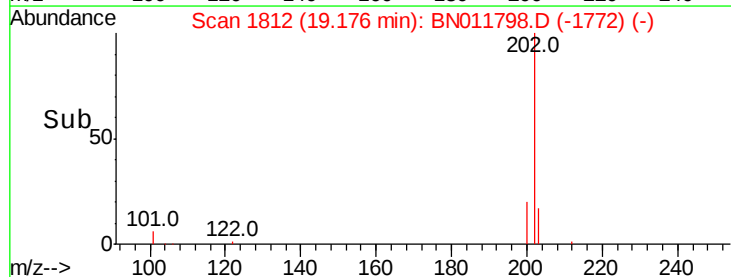
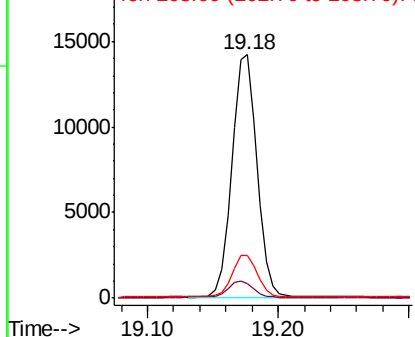


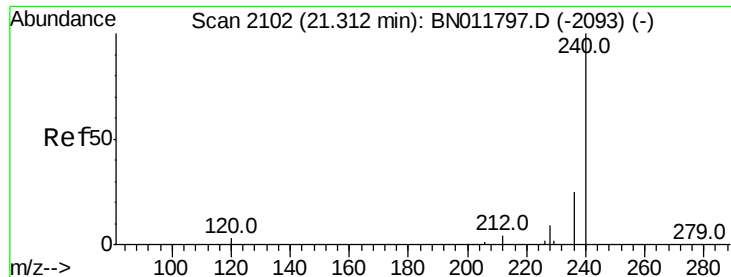
#28  
Fluoranthene  
Concen: 0.703 ng  
RT: 19.18 min Scan# 1812  
Delta R.T. -0.00 min  
Lab File: BN011798.D  
Acq: 15 Sep 2020 12:34

Tgt Ion:202 Resp: 18969  
Ion Ratio Lower Upper  
202 100  
101 6.8 5.4 8.2  
203 17.3 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.30 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

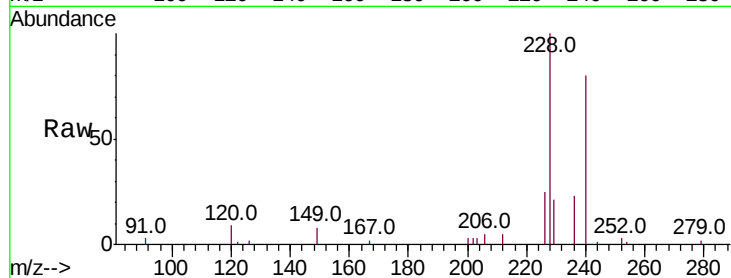
Tot Ion:240 Resp: 7443

Ion Ratio Lower Upper

240 100

120 11.6 3.5 5.3#

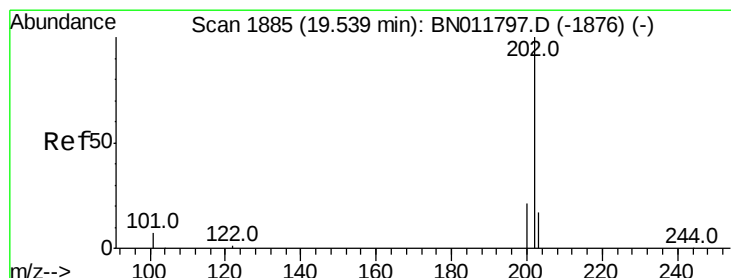
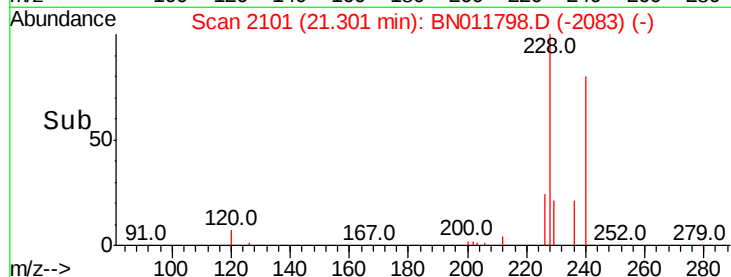
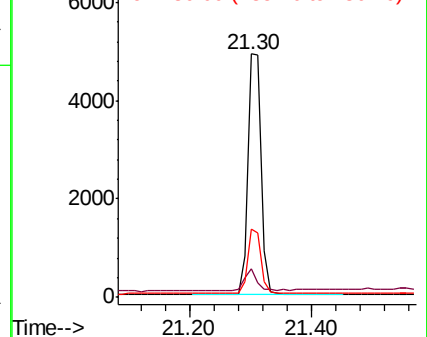
236 28.1 20.5 30.7



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: 0.719 ng

RT: 19.54 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

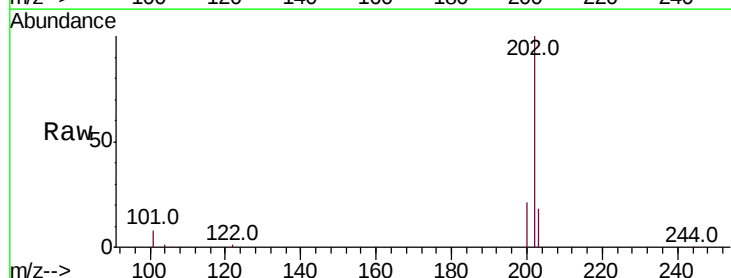
Tgt Ion:202 Resp: 18865

Ion Ratio Lower Upper

202 100

200 20.7 16.5 24.7

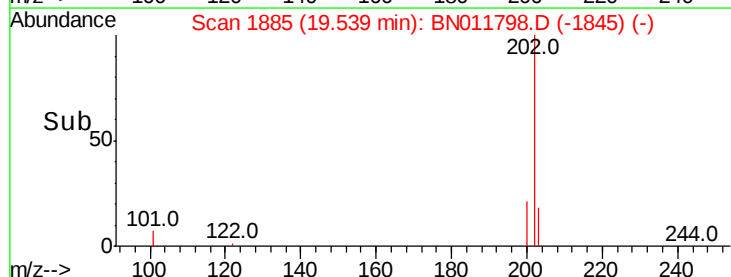
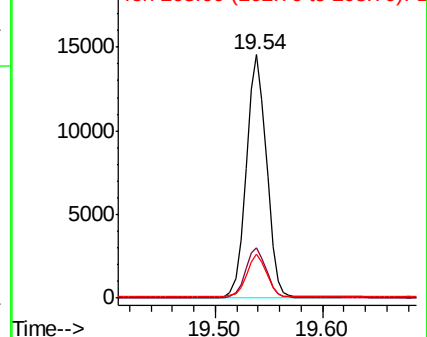
203 17.6 13.9 20.9

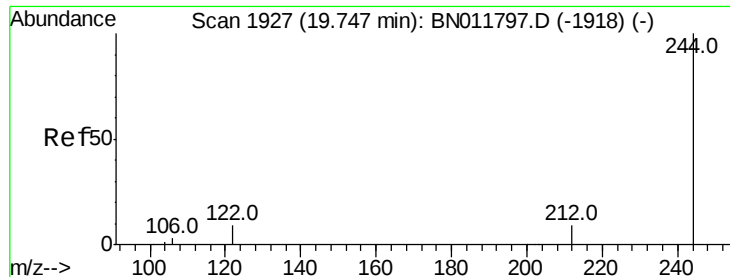


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.661 ng

RT: 19.75 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

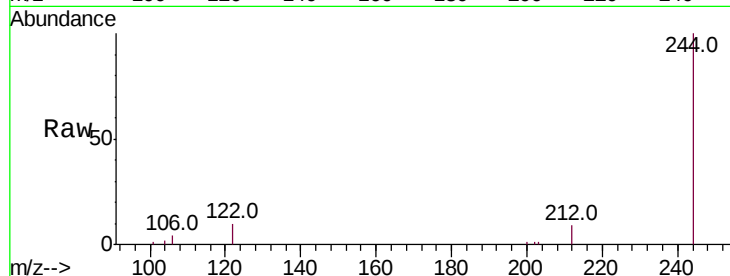
Tot Ion:244 Resp: 13751

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

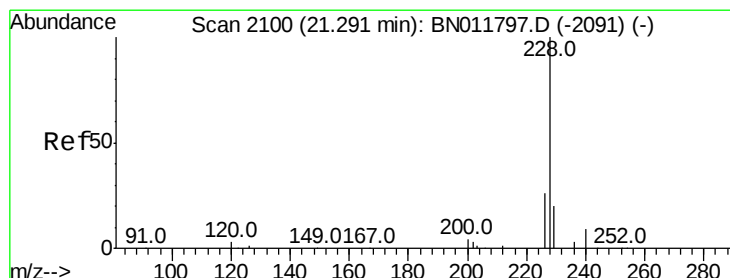
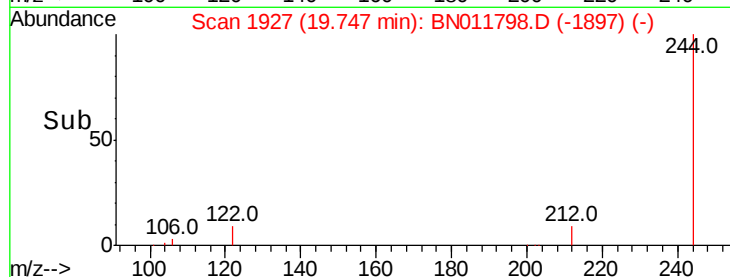
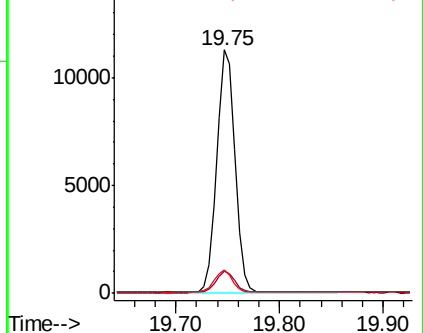
122 9.8 7.8 11.6



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: 0.699 ng

RT: 21.29 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

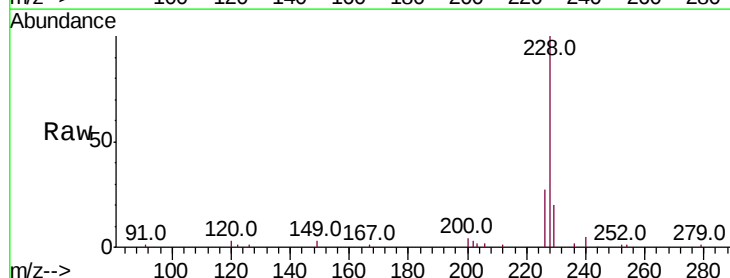
Tgt Ion:228 Resp: 18864

Ion Ratio Lower Upper

228 100

226 26.7 21.0 31.4

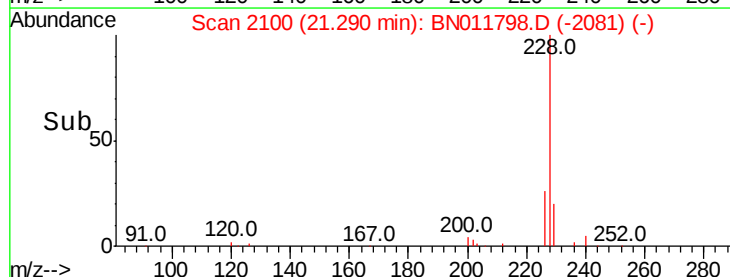
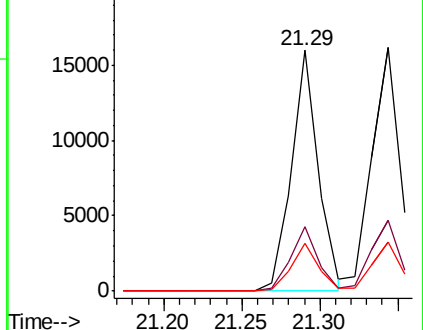
229 19.7 16.0 24.0

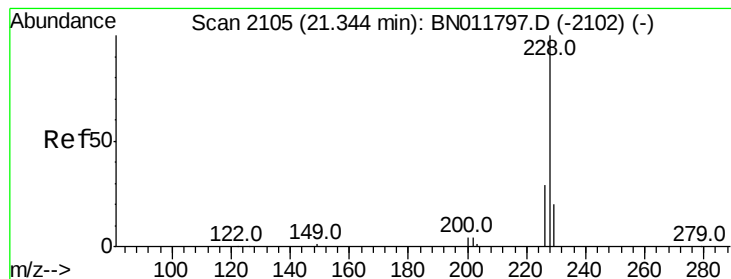


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.712 ng

RT: 21.34 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

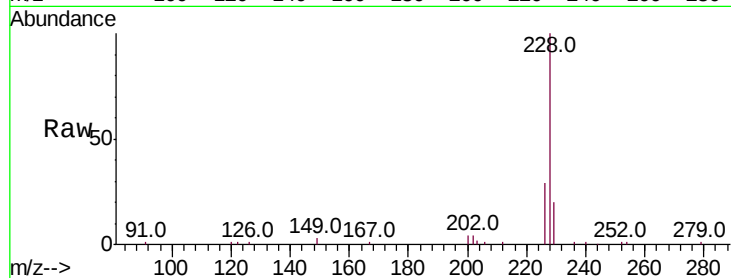
Tot Ion:228 Resp: 20123

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.0  | 23.3  | 34.9  |
| 229 | 20.0  | 15.8  | 23.8  |

228 100

226 29.0 23.3 34.9

229 20.0 15.8 23.8

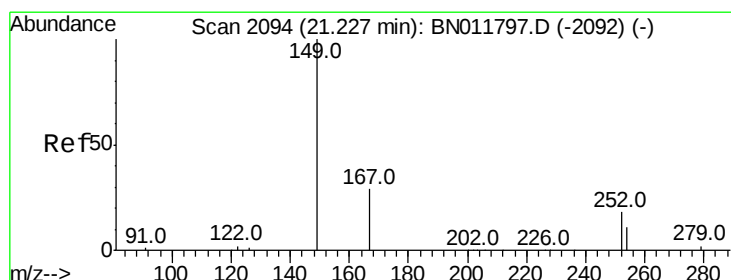
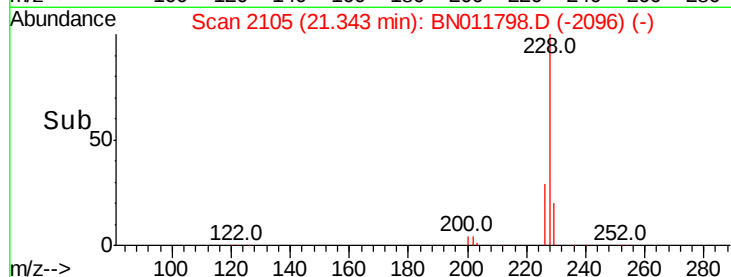
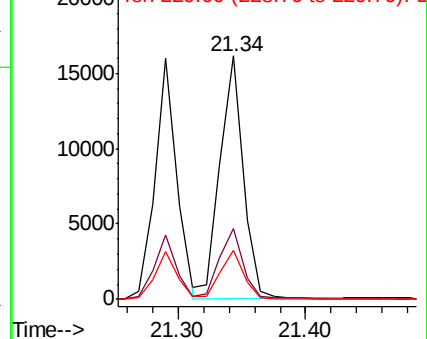


Abundance

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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.629 ng

RT: 21.23 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

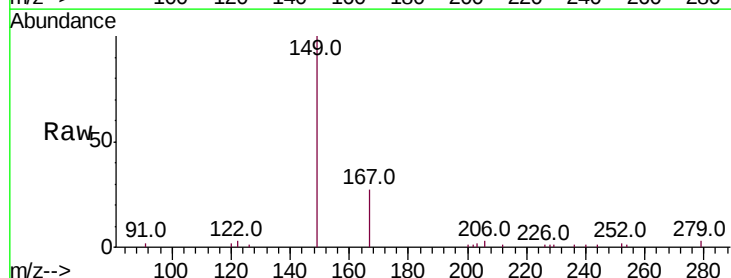
Tgt Ion:149 Resp: 8360

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 29.0  | 23.6  | 35.4  |
| 279 | 5.1   | 4.0   | 6.0   |

149 100

167 29.0 23.6 35.4

279 5.1 4.0 6.0

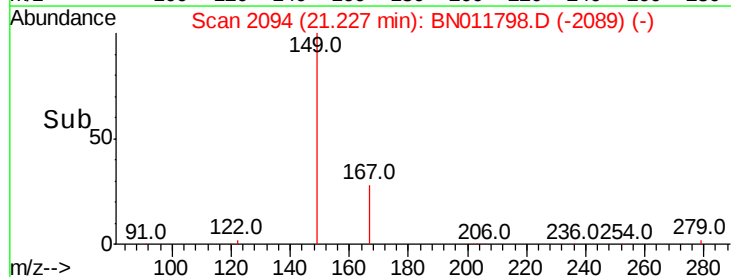
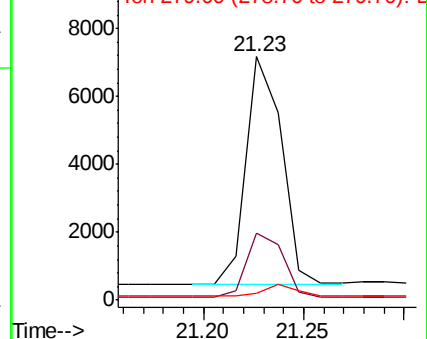


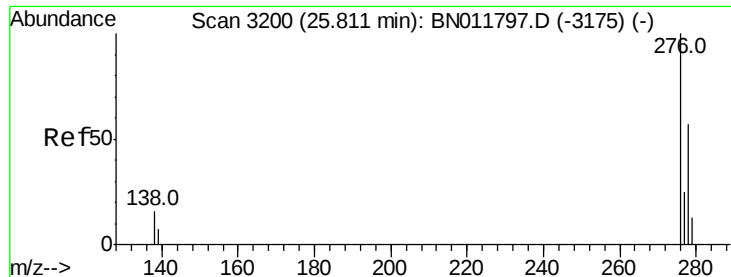
Abundance

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

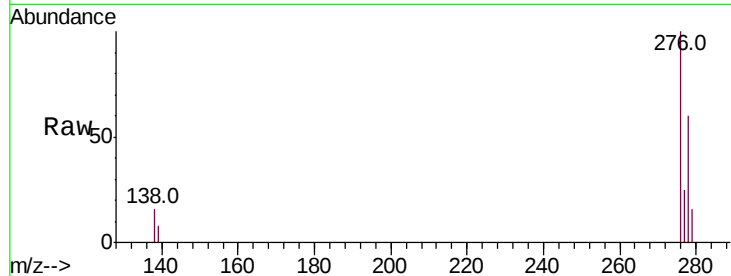




#35  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.715 ng  
 RT: 25.81 min Scan# 3200  
 Delta R.T. -0.00 min  
 Lab File: BN011798.D  
 Acq: 15 Sep 2020 12:34

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.8

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 16.0  | 13.0  | 19.4  |
| 277     | 25.2  | 20.0  | 30.0  |

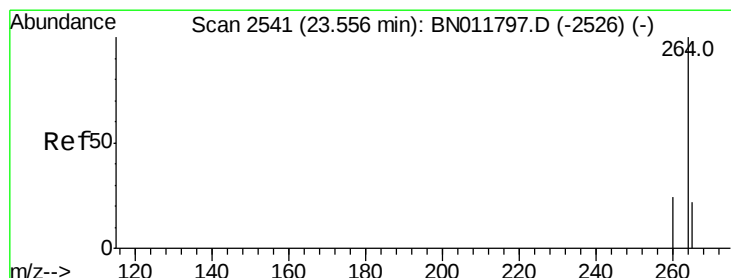
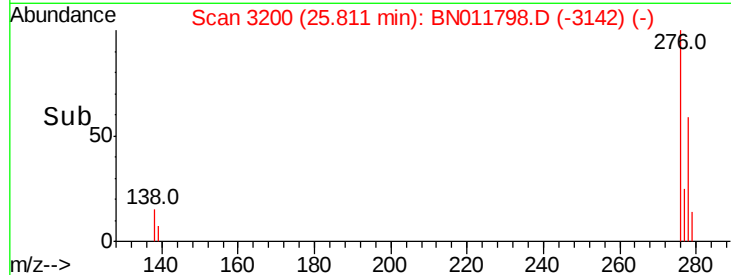
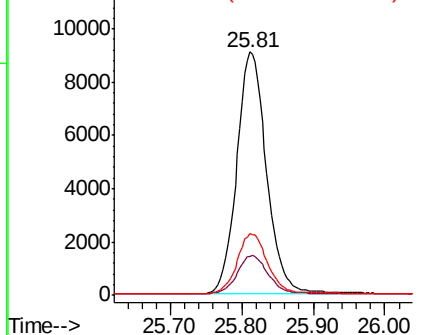


Abundance

Ion 276.00 (275.70 to 276.70): E

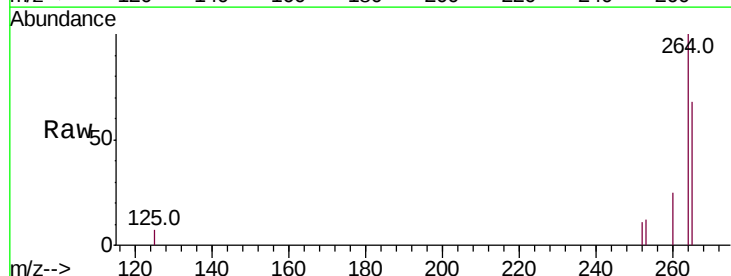
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#36  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.55 min Scan# 2540  
 Delta R.T. -0.00 min  
 Lab File: BN011798.D  
 Acq: 15 Sep 2020 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.6  | 19.6  | 29.4  |
| 265     | 68.3  | 38.6  | 58.0  |

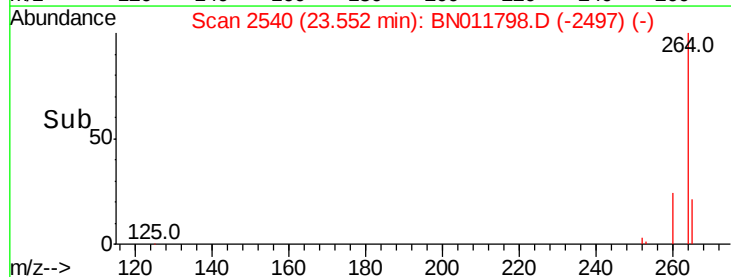
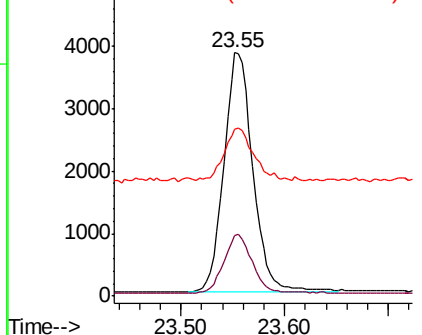


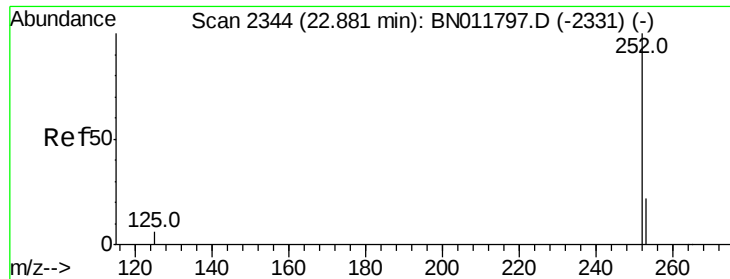
Abundance

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

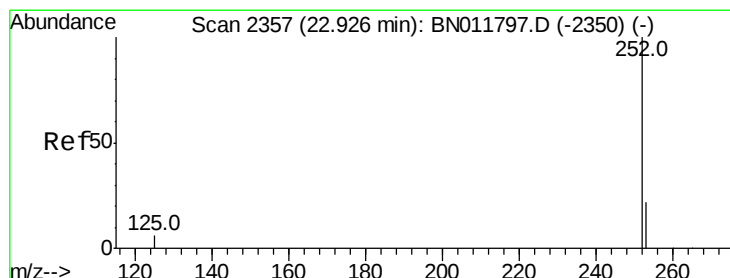
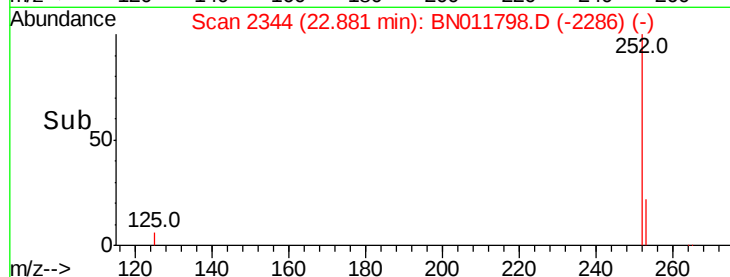
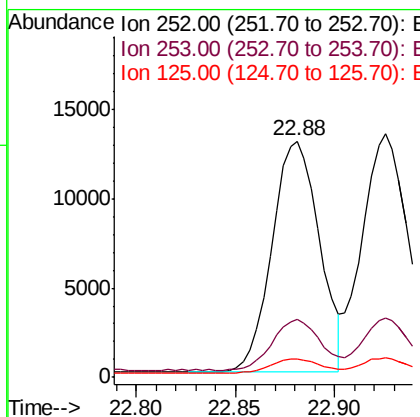
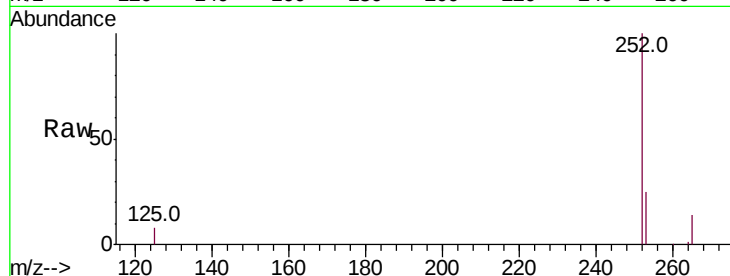




#37  
Benzo(b)fluoranthene  
Concen: 0.702 ng  
RT: 22.88 min Scan# 2344  
Delta R.T. -0.00 min  
Lab File: BN011798.D  
Acq: 15 Sep 2020 12:34

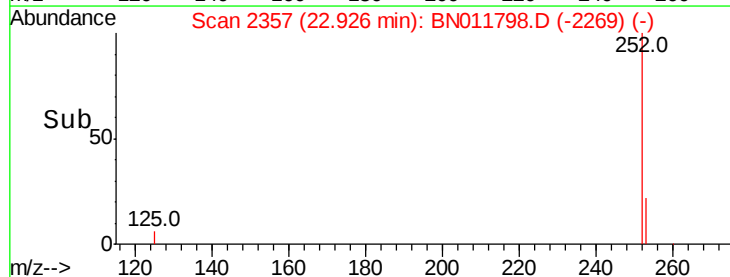
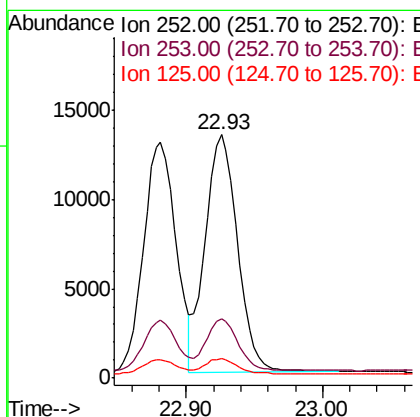
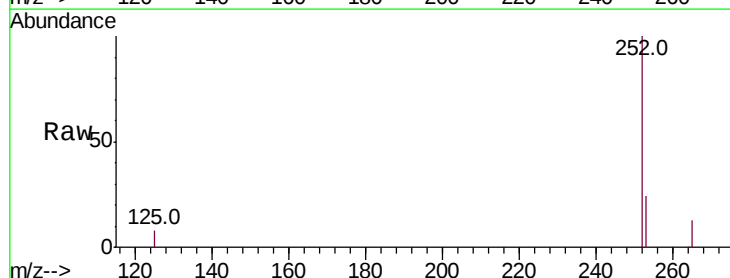
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.8

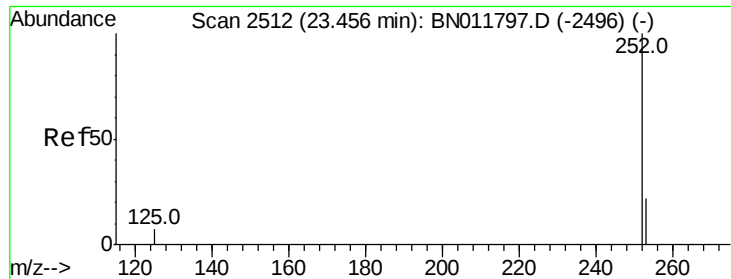
Tot Ion:252 Resp: 21493  
Ion Ratio Lower Upper  
252 100  
253 24.7 19.1 28.7  
125 8.0 6.2 9.2



#38  
Benzo(k)fluoranthene  
Concen: 0.721 ng  
RT: 22.93 min Scan# 2357  
Delta R.T. -0.00 min  
Lab File: BN011798.D  
Acq: 15 Sep 2020 12:34

Tgt Ion:252 Resp: 21957  
Ion Ratio Lower Upper  
252 100  
253 24.3 19.3 28.9  
125 7.8 6.0 9.0





#39

Benzo(a)pyrene

Concen: 0.707 ng

RT: 23.46 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

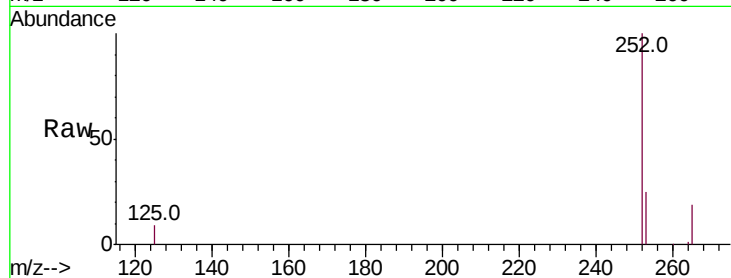
Tot Ion:252 Resp: 18925

Ion Ratio Lower Upper

252 100

253 25.2 19.8 29.6

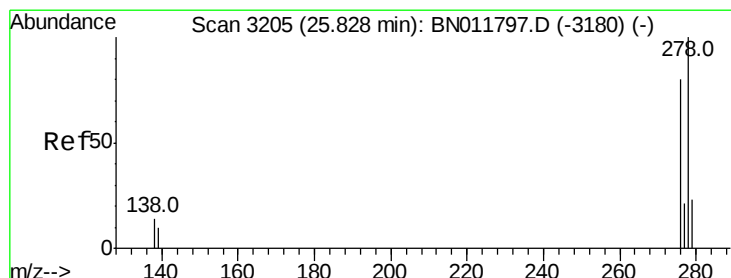
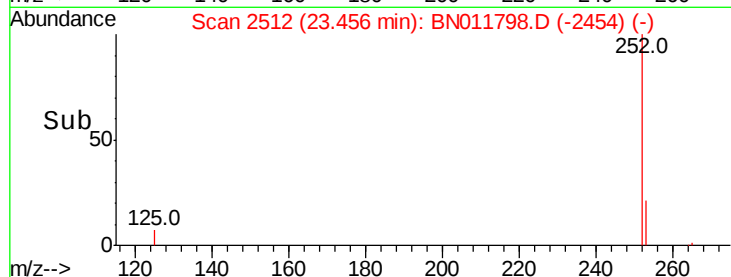
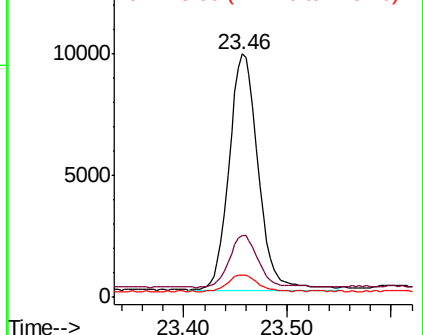
125 9.3 7.3 10.9



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: 0.723 ng

RT: 25.83 min Scan# 3205

Delta R.T. -0.00 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

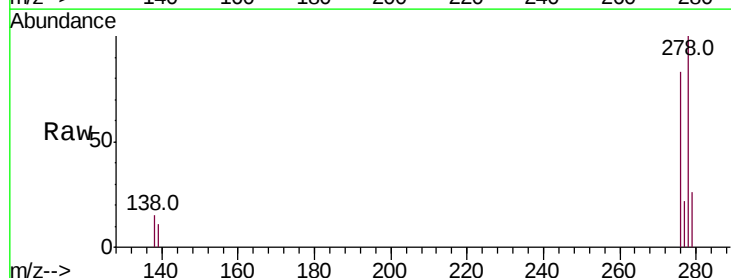
Tgt Ion:278 Resp: 21981

Ion Ratio Lower Upper

278 100

139 11.0 8.6 13.0

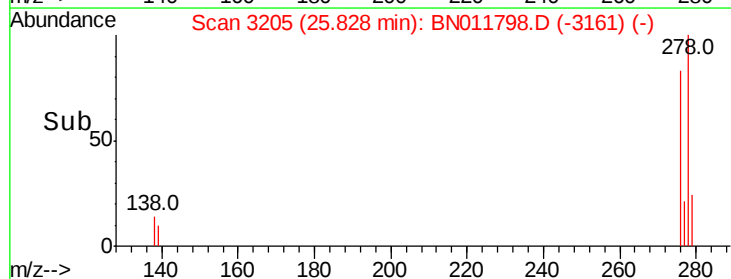
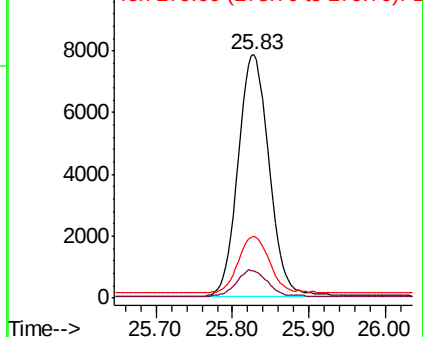
279 25.7 19.8 29.8

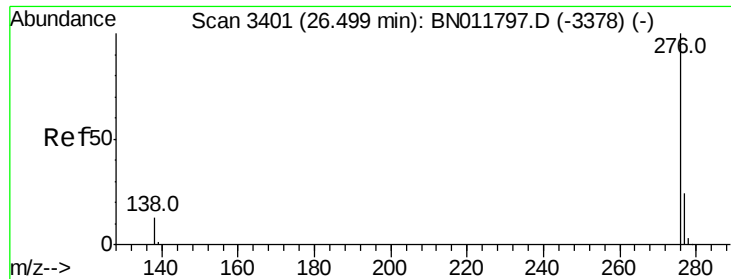


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.713 ng

RT: 26.50 min Scan# 3402

Delta R.T. 0.00 min

Lab File: BN011798.D

Acq: 15 Sep 2020 12:34

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

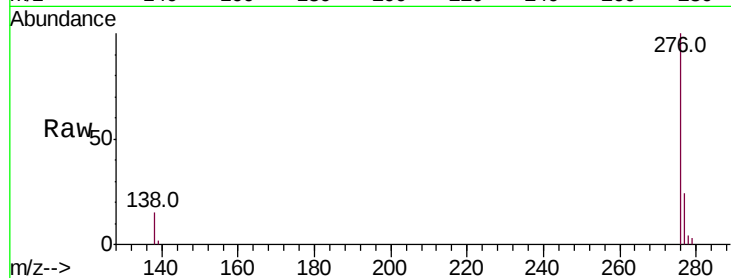
Tot Ion:276 Resp: 21834

Ion Ratio Lower Upper

276 100

277 24.4 19.4 29.0

138 14.7 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

