

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072921\  
 Data File : BN015711.D  
 Acq On : 29 Jul 2021 17:11  
 Operator : CG/JU  
 Sample : SSTDICC0.1  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.1

Quant Time: Jul 29 19:07:47 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN072921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 29 19:04:20 2021  
 Response via : Initial Calibration

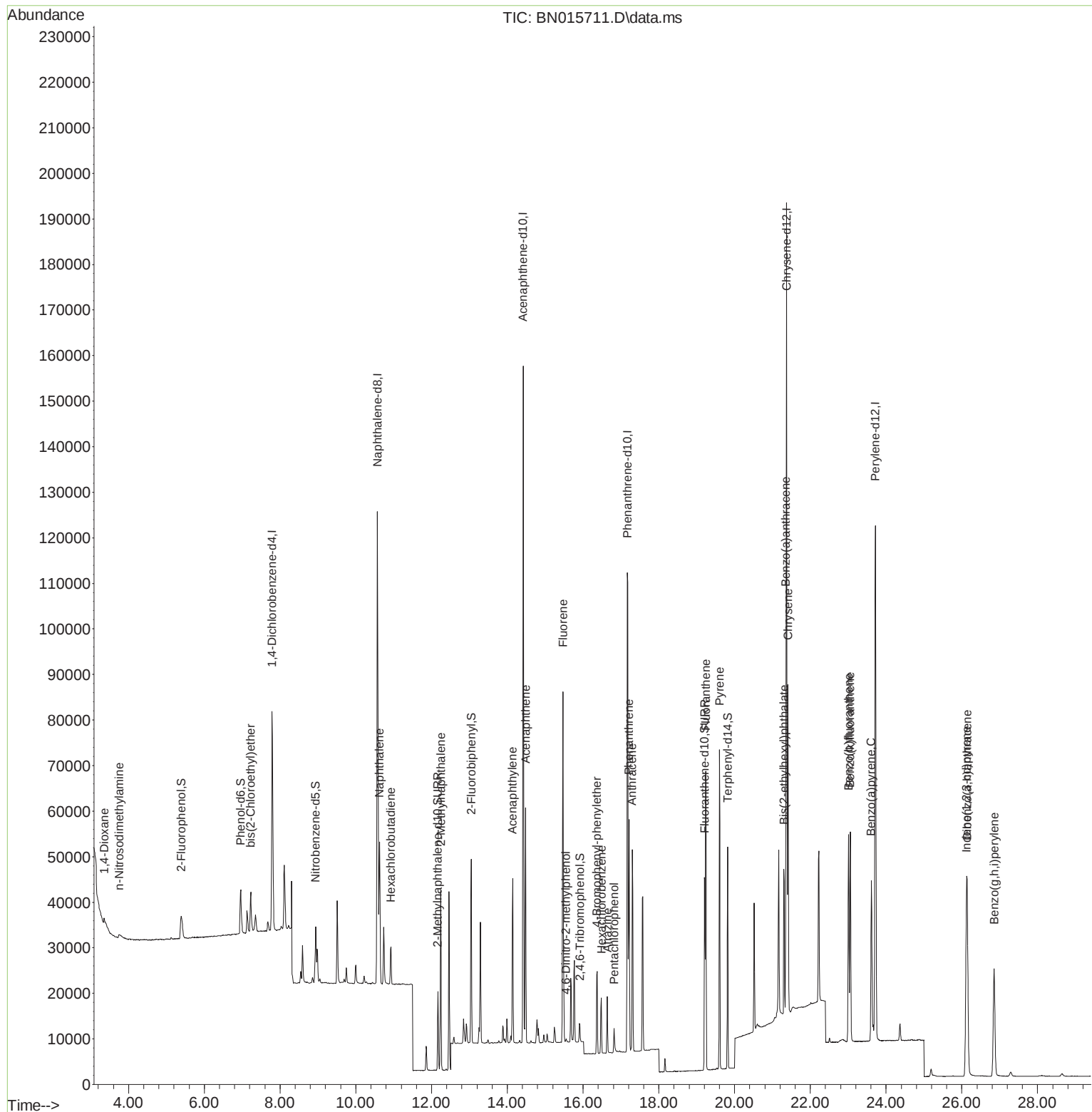
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.790  | 152  | 30701    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.571 | 136  | 140654   | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.421 | 164  | 82857    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.176 | 188  | 163194   | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.376 | 240  | 158153   | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.717 | 264  | 154552   | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.393  | 112  | 9755     | 0.120 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.960  | 99   | 12764    | 0.131 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.936  | 82   | 10728    | 0.102 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.167 | 152  | 23354    | 0.109 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.918 | 330  | 3676     | 0.103 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.051 | 172  | 37340    | 0.114 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.207 | 212  | 48293    | 0.108 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.817 | 244  | 49013    | 0.133 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.355  | 88   | 1909     | 0.205 | ng    | # 100    |
| 3) n-Nitrosodimethylamine     | 3.751  | 42   | 1103     | 0.047 | ng    | # 1      |
| 6) bis(2-Chloroethyl)ether    | 7.227  | 93   | 8851     | 0.101 | ng    | 99       |
| 9) Naphthalene                | 10.622 | 128  | 40339    | 0.108 | ng    | 96       |
| 10) Hexachlorobutadiene       | 10.926 | 225  | 7574     | 0.108 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.243 | 142  | 28046    | 0.114 | ng    | 96       |
| 16) Acenaphthylene            | 14.142 | 152  | 41884    | 0.117 | ng    | 100      |
| 17) Acenaphthene              | 14.484 | 154  | 25467    | 0.106 | ng    | 100      |
| 18) Fluorene                  | 15.474 | 166  | 32453    | 0.111 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.550 | 198  | 783      | 0.090 | ng    | # 7      |
| 21) 4-Bromophenyl-phenylether | 16.373 | 248  | 10544    | 0.112 | ng    | # 96     |
| 22) Hexachlorobenzene         | 16.482 | 284  | 10224    | 0.098 | ng    | 100      |
| 23) Atrazine                  | 16.640 | 200  | 9531     | 0.133 | ng    | 96       |
| 24) Pentachlorophenol         | 16.823 | 266  | 3133     | 0.085 | ng    | 99       |
| 25) Phenanthrene              | 17.212 | 178  | 50401    | 0.105 | ng    | 100      |
| 26) Anthracene                | 17.297 | 178  | 48958    | 0.116 | ng    | 100      |
| 28) Fluoranthene              | 19.242 | 202  | 59319    | 0.111 | ng    | 100      |
| 30) Pyrene                    | 19.604 | 202  | 60792    | 0.110 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.355 | 228  | 58783    | 0.110 | ng    | 99       |
| 33) Chrysene                  | 21.408 | 228  | 56174    | 0.105 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.302 | 149  | 31319    | 0.109 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 26.120 | 276  | 59875    | 0.101 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.009 | 252  | 59163    | 0.110 | ng    | # 93     |
| 38) Benzo(k)fluoranthene      | 23.057 | 252  | 57558    | 0.105 | ng    | 96       |
| 39) Benzo(a)pyrene            | 23.611 | 252  | 52637    | 0.109 | ng    | # 91     |
| 40) Dibenzo(a,h)anthracene    | 26.141 | 278  | 50268    | 0.104 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 26.853 | 276  | 51300    | 0.104 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

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

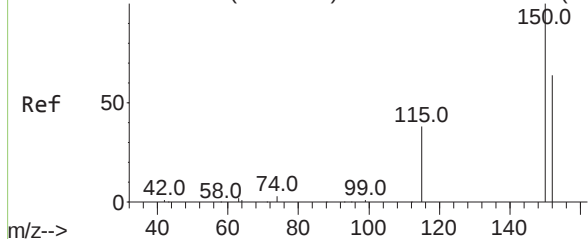
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072921\  
 Data File : BN015711.D  
 Acq On : 29 Jul 2021 17:11  
 Operator : CG/JU  
 Sample : SSTDIC0.1  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDIC0.1

Quant Time: Jul 29 19:07:47 2021  
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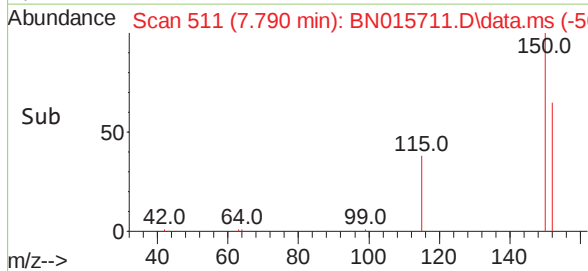
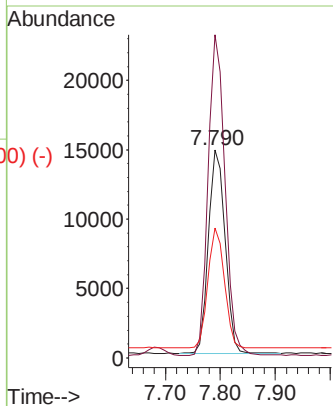
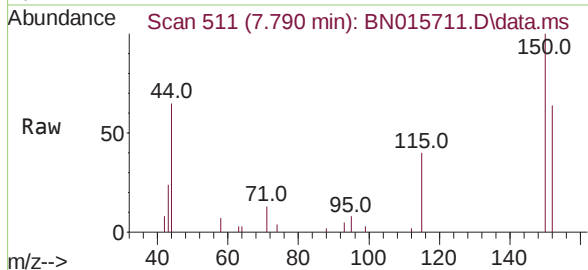
Abundance Scan 511 (7.790 min): BN015713.D\data.ms (-505) (#1)



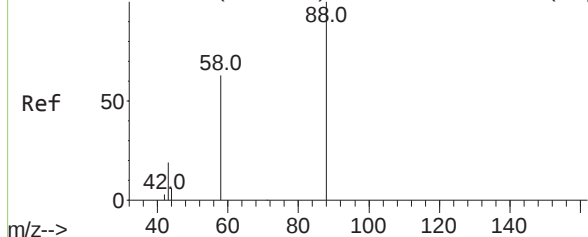
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.790 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

Tgt Ion:152 Resp: 30701  
Ion Ratio Lower Upper  
152 100  
150 155.3 124.8 187.2  
115 62.3 49.3 73.9

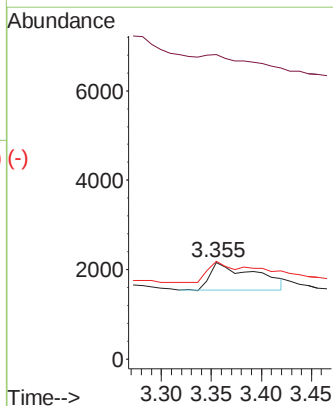
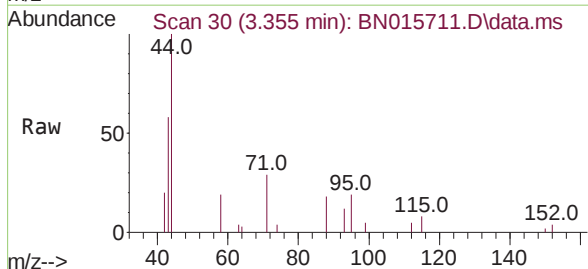


Abundance Scan 30 (3.355 min): BN015713.D\data.ms (-27) (#2)

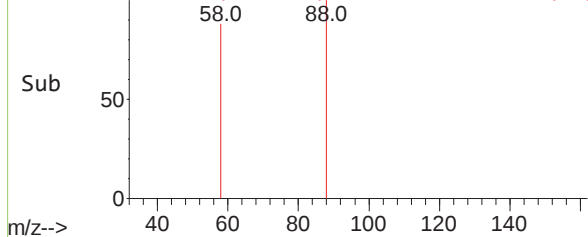


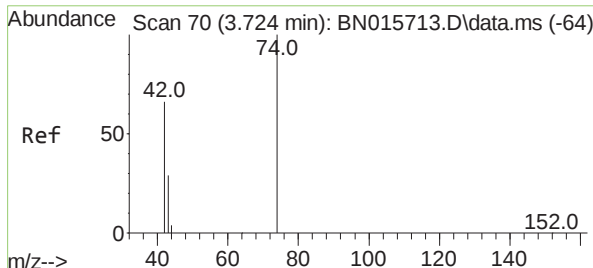
1,4-Dioxane  
Concen: 0.205 ng  
RT: 3.355 min Scan# 30  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

Tgt Ion: 88 Resp: 1909  
Ion Ratio Lower Upper  
88 100  
43 0.0 0.0 0.0  
58 40.2 0.0 0.0#



Abundance Scan 30 (3.355 min): BN015711.D\data.ms (-19) (-)

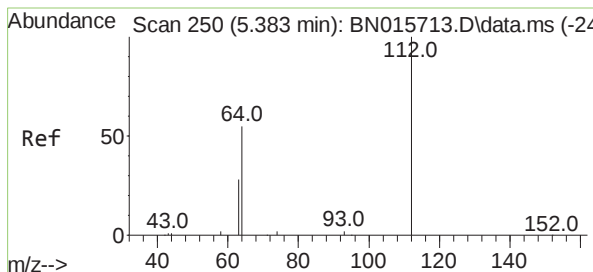
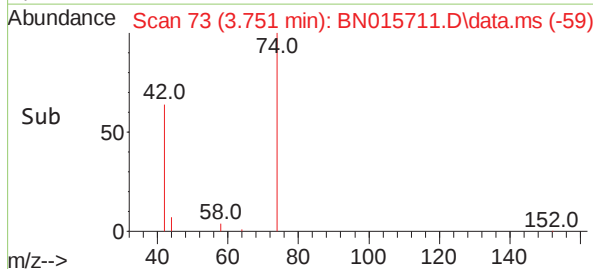
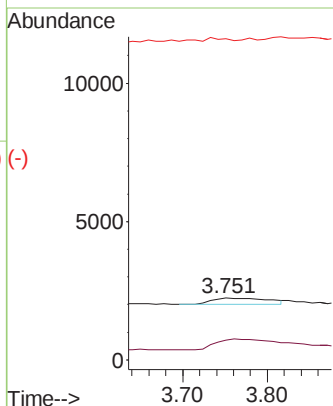
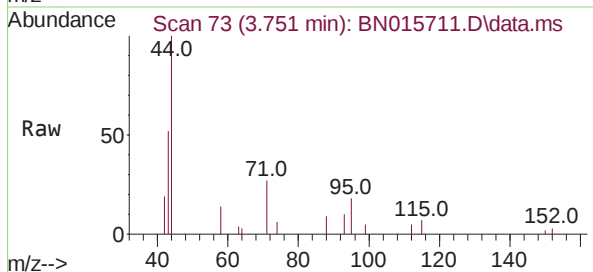




#3  
 n-Nitrosodimethylamine  
 Concen: 0.047 ng  
 RT: 3.751 min Scan# 73  
 Delta R.T. 0.028 min  
 Lab File: BN015711.D  
 Acq: 29 Jul 2021 17:11

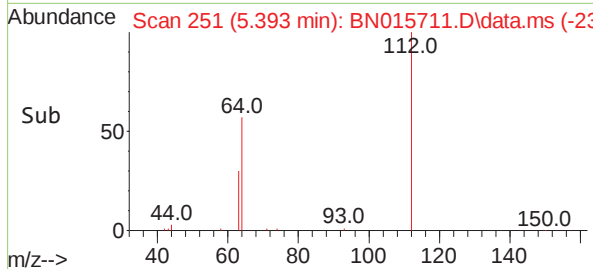
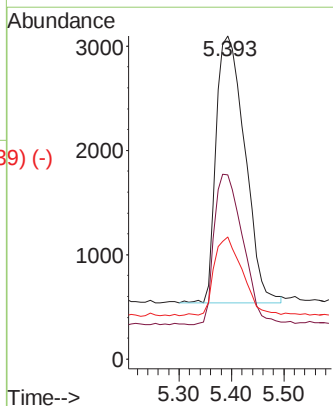
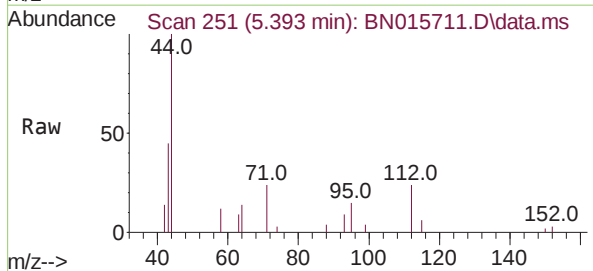
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.1

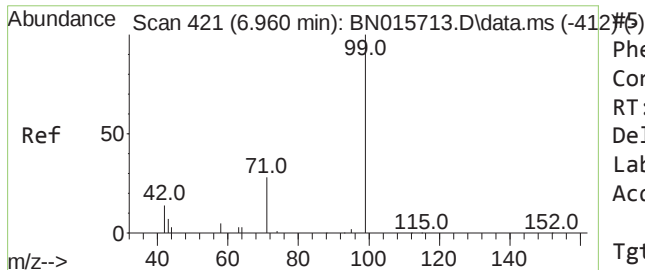
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 1103  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 159.4 | 34.8  | 52.2# |
| 44       | 0.0   | 2.6   | 4.0#  |



#4  
 2-Fluorophenol  
 Concen: 0.120 ng  
 RT: 5.393 min Scan# 251  
 Delta R.T. 0.009 min  
 Lab File: BN015711.D  
 Acq: 29 Jul 2021 17:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 9755  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 56.8  | 44.6  | 67.0  |
| 63       | 28.6  | 23.1  | 34.7  |

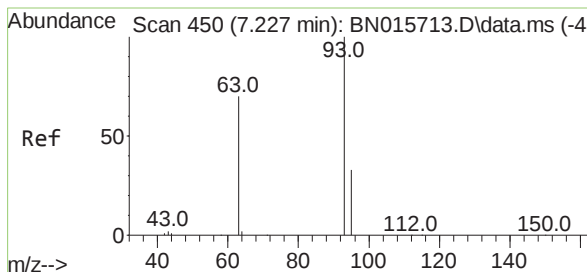
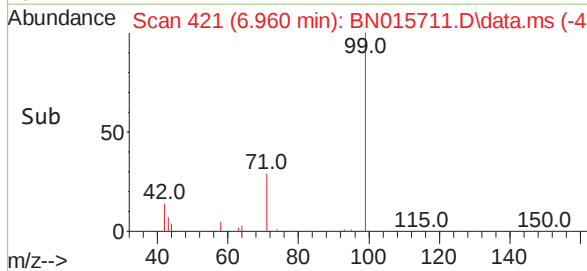
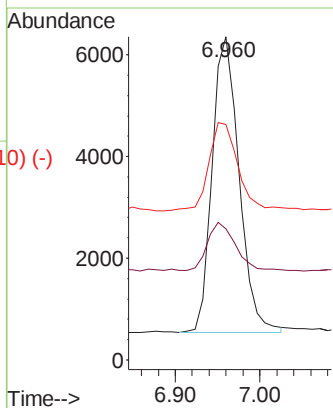
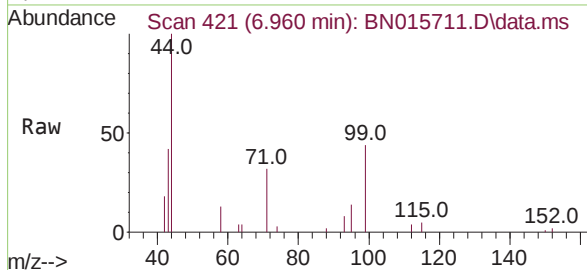




Phenol-d6  
 Concen: 0.131 ng  
 RT: 6.960 min Scan# 421  
 Delta R.T. 0.000 min  
 Lab File: BN015711.D  
 Acq: 29 Jul 2021 17:11

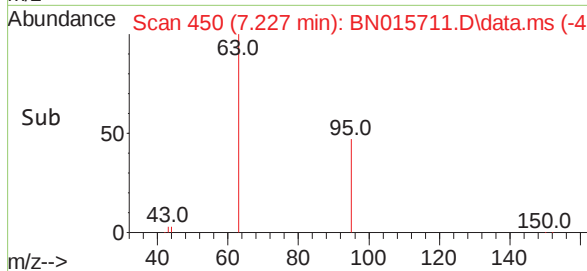
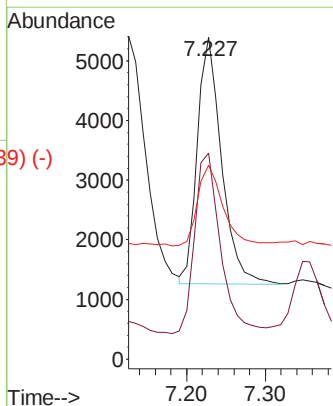
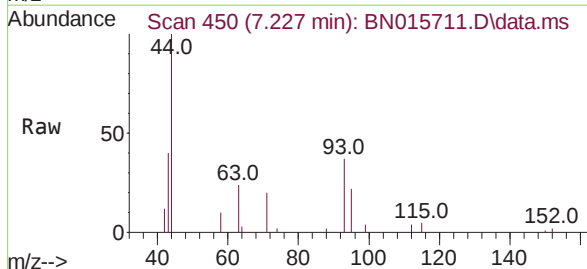
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.1

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 12764 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 16.7  | 13.8  | 20.6  |
| 71       | 32.6  | 24.4  | 36.6  |

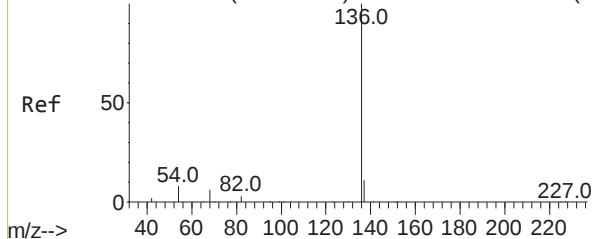


bis(2-Chloroethyl)ether  
 Concen: 0.101 ng  
 RT: 7.227 min Scan# 450  
 Delta R.T. 0.000 min  
 Lab File: BN015711.D  
 Acq: 29 Jul 2021 17:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 8851  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 77.8  | 61.4  | 92.2  |
| 95       | 34.3  | 27.0  | 40.4  |



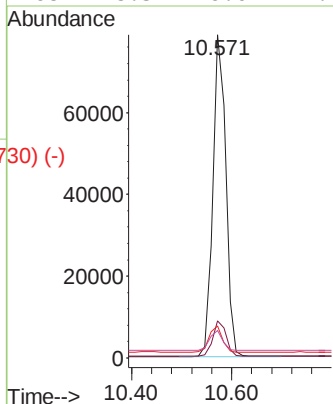
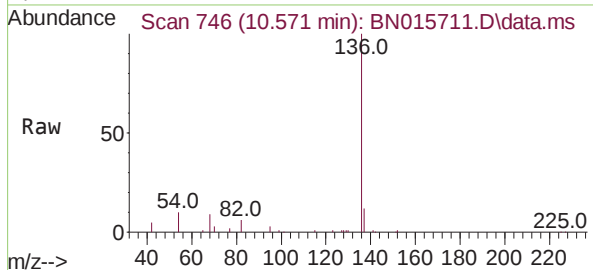
Abundance Scan 746 (10.571 min): BN015713.D\data.ms (-730) (-)



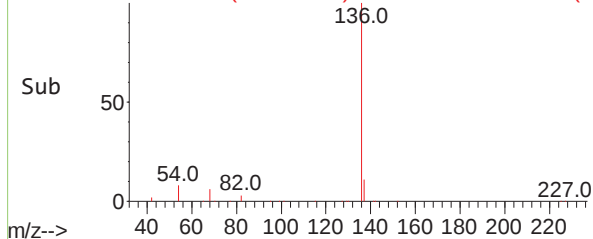
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.571 min Scan# 746  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

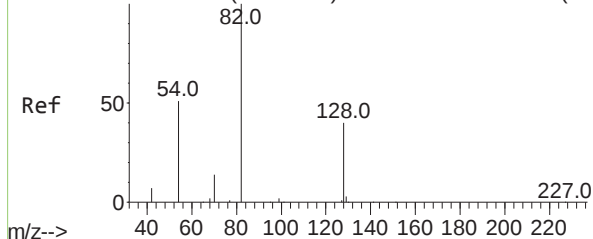
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 140654 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.5  | 9.0   | 13.4   |
| 54       | 9.8   | 7.4   | 11.2   |
| 68       | 8.5   | 6.0   | 9.0    |



Abundance Scan 746 (10.571 min): BN015711.D\data.ms (-730) (-)

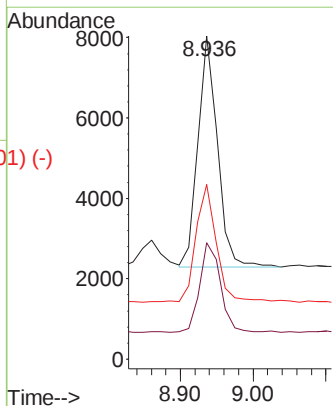
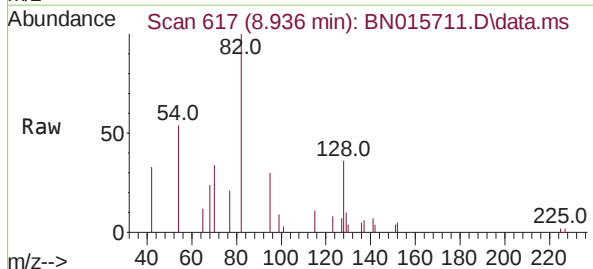


Abundance Scan 617 (8.936 min): BN015713.D\data.ms (-614) (-)

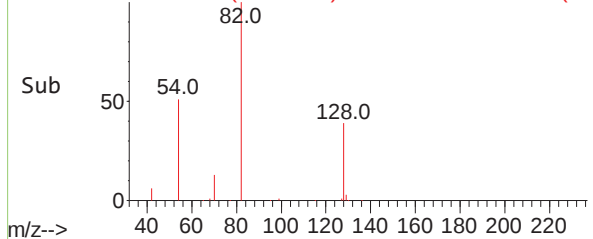


Nitrobenzene-d5  
Concen: 0.102 ng  
RT: 8.936 min Scan# 617  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 10728 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 36.1  | 31.8  | 47.8  |
| 54       | 54.0  | 42.1  | 63.1  |



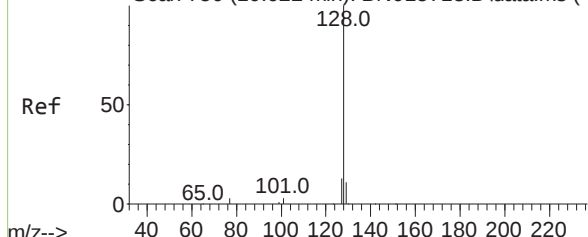
Abundance Scan 617 (8.936 min): BN015711.D\data.ms (-601) (-)



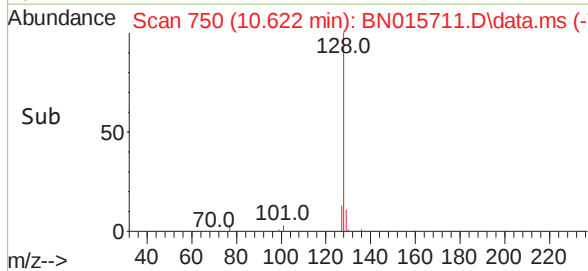
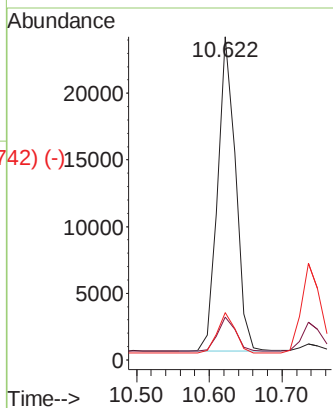
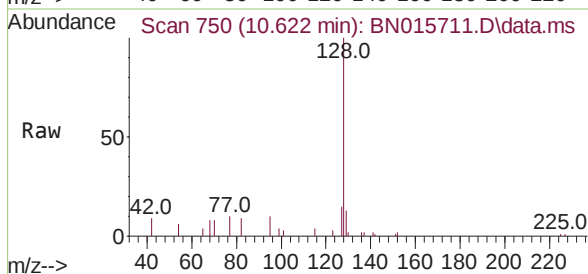
Abundance Scan 750 (10.622 min): BN015713.D\data.ms (-749) (-)

Naphthalene  
Concen: 0.108 ng  
RT: 10.622 min Scan# 750  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

Instrument :  
BNA\_N  
ClientSampled :  
SSTDIC0.1

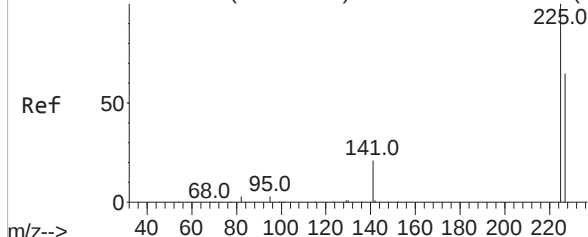


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 40339 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 13.3  | 9.0   | 13.6  |
| 127      | 14.5  | 10.6  | 15.8  |

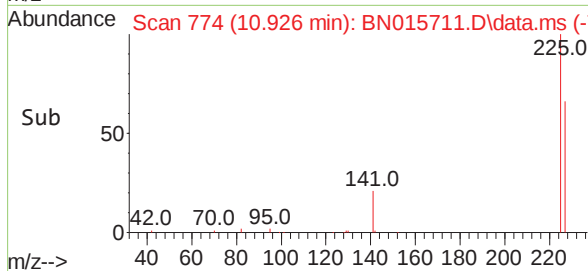
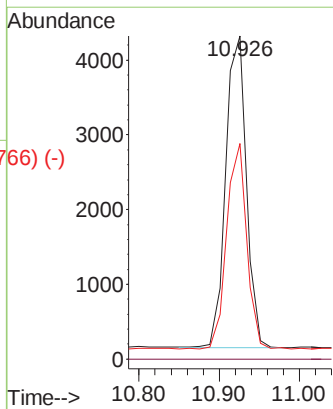
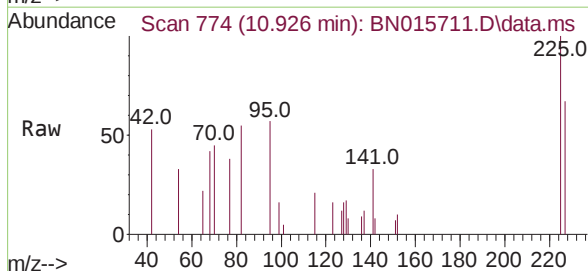


Abundance Scan 774 (10.926 min): BN015713.D\data.ms (-769) (-)

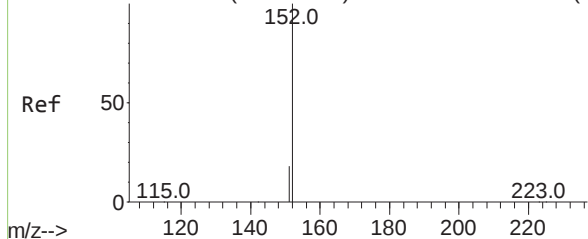
Hexachlorobutadiene  
Concen: 0.108 ng  
RT: 10.926 min Scan# 774  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 7574  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 63.7  | 51.0  | 76.4  |

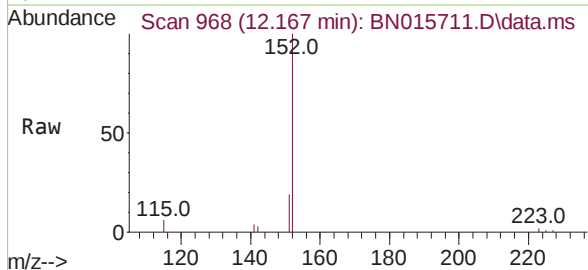


Abundance Scan 968 (12.167 min): BN015713.D\data.ms (-955) #14

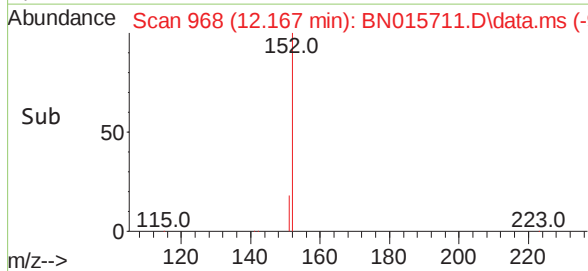
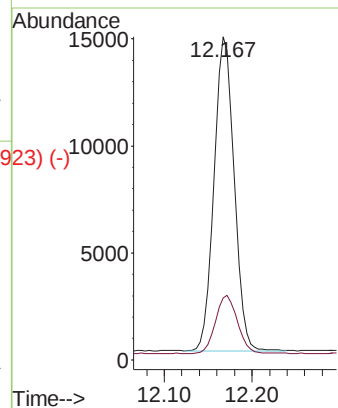


2-Methylnaphthalene-d10  
Concen: 0.109 ng  
RT: 12.167 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

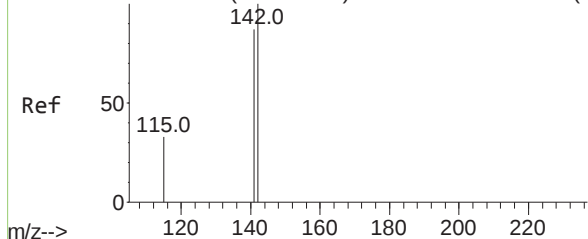
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1



Tgt Ion:152 Resp: 23354  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.0 24.0

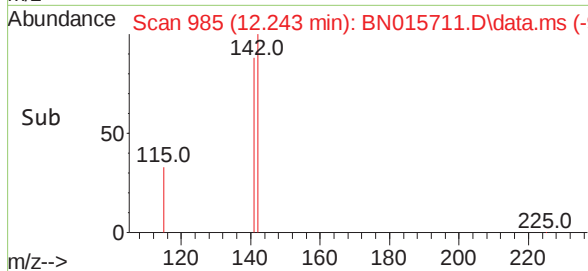
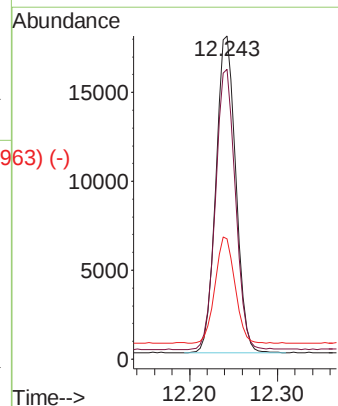
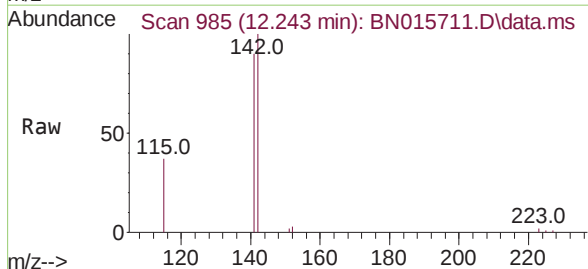


Abundance Scan 985 (12.243 min): BN015713.D\data.ms (-974) #12



2-Methylnaphthalene  
Concen: 0.114 ng  
RT: 12.243 min Scan# 985  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

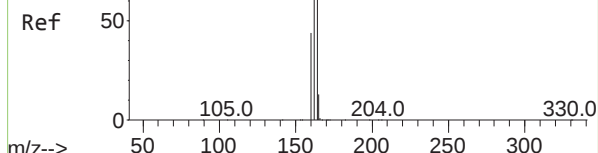
Tgt Ion:142 Resp: 28046  
Ion Ratio Lower Upper  
142 100  
141 89.7 69.9 104.9  
115 37.2 26.8 40.2



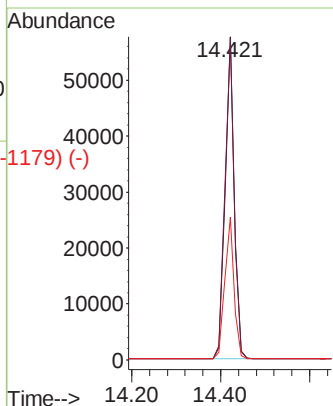
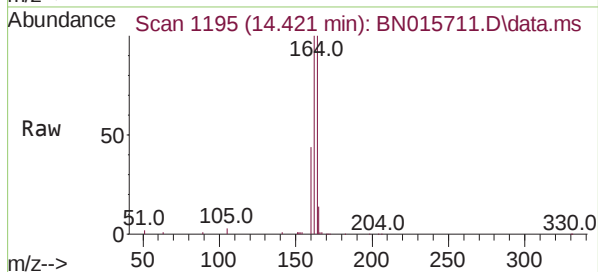
Abundance Scan 1195 (14.421 min): BN015713.D\data.ms (-1165) (-)

Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.421 min Scan# 1195  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

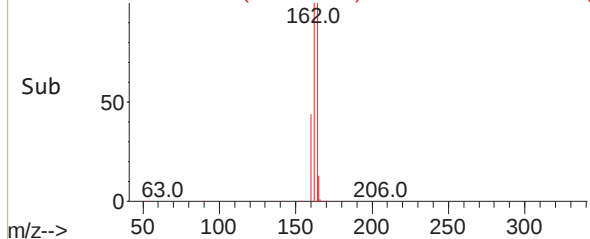
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 82857 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 99.7  | 80.1  | 120.1 |
| 160       | 44.1  | 35.2  | 52.8  |



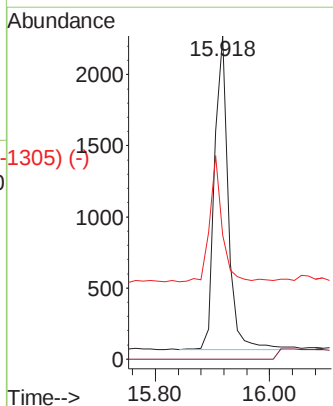
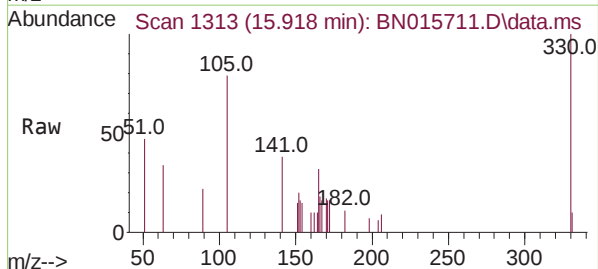
Abundance Scan 1195 (14.421 min): BN015711.D\data.ms (-1179) (-)



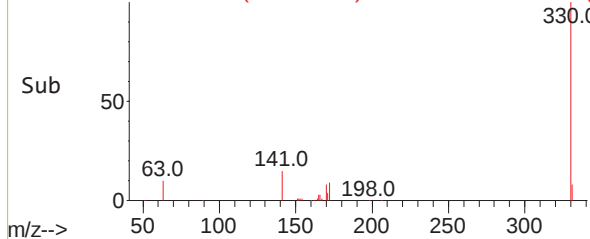
Abundance Scan 1313 (15.918 min): BN015713.D\data.ms (-1309) (-)

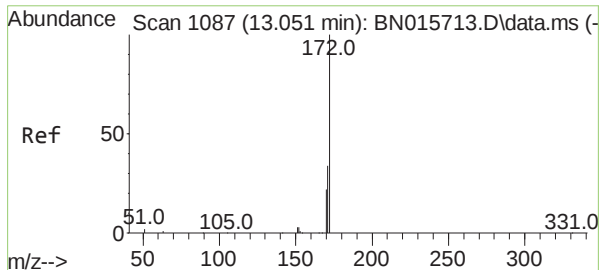
2,4,6-Tribromophenol  
Concen: 0.103 ng  
RT: 15.918 min Scan# 1313  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 330   | Resp: | 3676 |
| Ion Ratio | Lower | Upper |      |
| 330       | 100   |       |      |
| 332       | 0.0   | 0.0   | 0.0  |
| 141       | 35.6  | 29.1  | 43.7 |



Abundance Scan 1313 (15.918 min): BN015711.D\data.ms (-1305) (-)

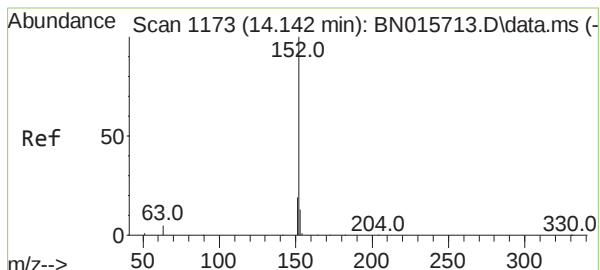
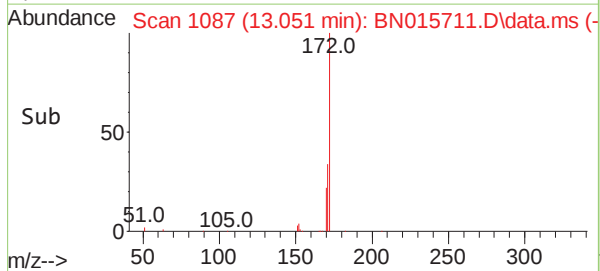
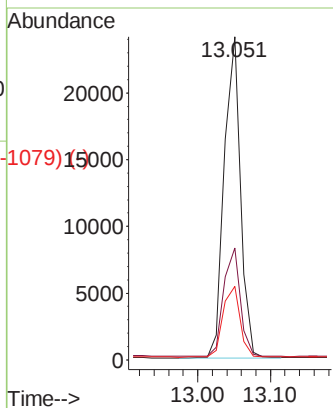
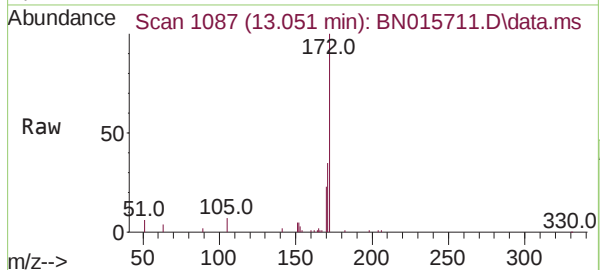




Scan 1087 (13.051 min): BN015713.D\data.ms (-1087)  
 2-Fluorobiphenyl  
 Concen: 0.114 ng  
 RT: 13.051 min Scan# 1087  
 Delta R.T. 0.000 min  
 Lab File: BN015711.D  
 Acq: 29 Jul 2021 17:11

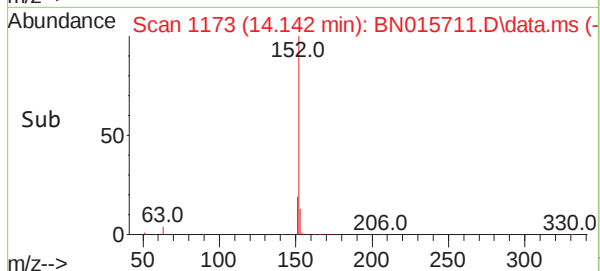
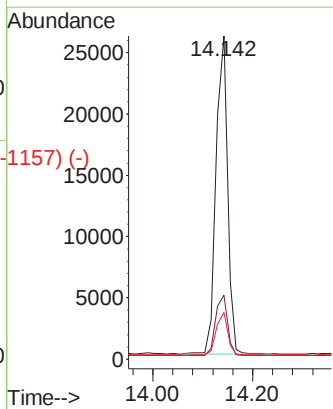
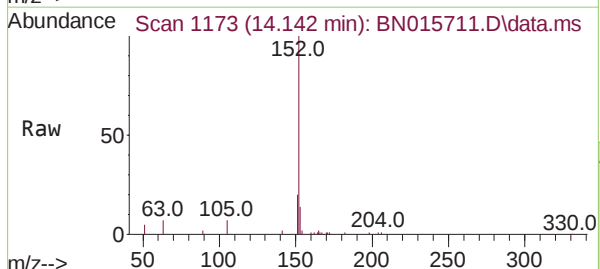
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.1

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 37340 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 34.7  | 27.0  | 40.4  |
| 170      | 22.7  | 17.6  | 26.4  |

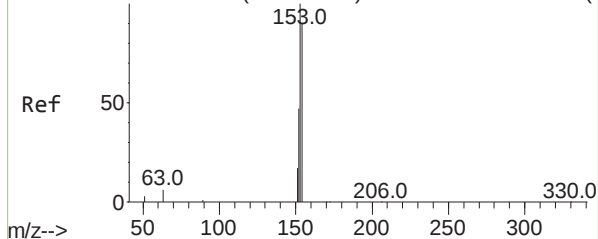


Scan 1173 (14.142 min): BN015713.D\data.ms (-1173)  
 Acenaphthylene  
 Concen: 0.117 ng  
 RT: 14.142 min Scan# 1173  
 Delta R.T. 0.000 min  
 Lab File: BN015711.D  
 Acq: 29 Jul 2021 17:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 41884 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 19.7  | 15.7  | 23.5  |
| 153      | 13.3  | 10.4  | 15.6  |



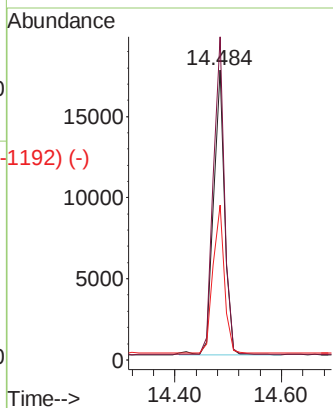
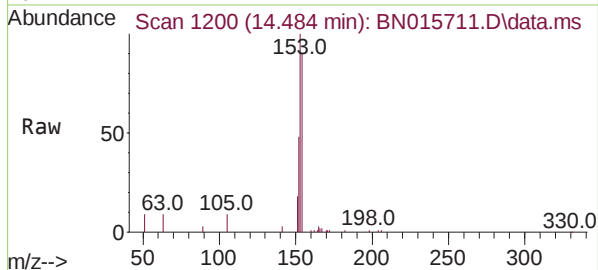
Abundance Scan 1200 (14.484 min): BN015713.D\data.ms (-1197) (-)



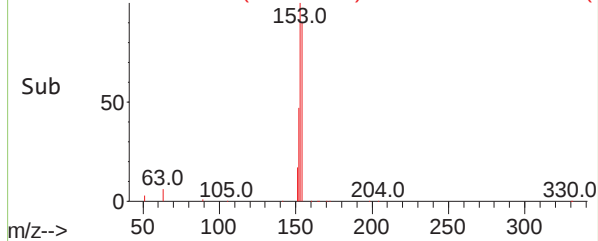
Acenaphthene  
Concen: 0.106 ng  
RT: 14.484 min Scan# 1200  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

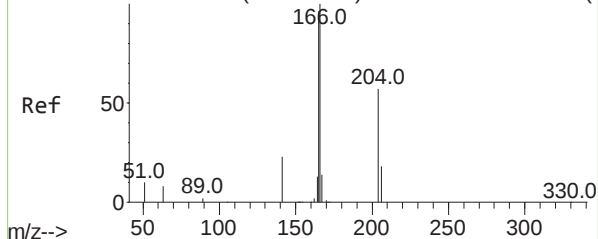
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 154   | Resp: | 25467 |
| Ion      | Ratio | Lower | Upper |
| 154      | 100   |       |       |
| 153      | 111.9 | 89.6  | 134.4 |
| 152      | 52.9  | 42.6  | 63.8  |



Abundance Scan 1200 (14.484 min): BN015711.D\data.ms (-1192) (-)

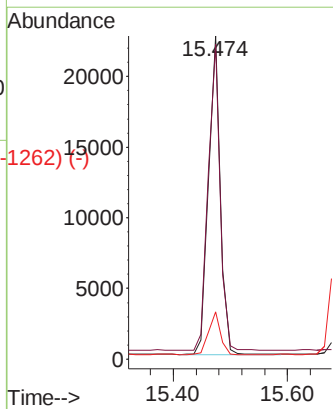
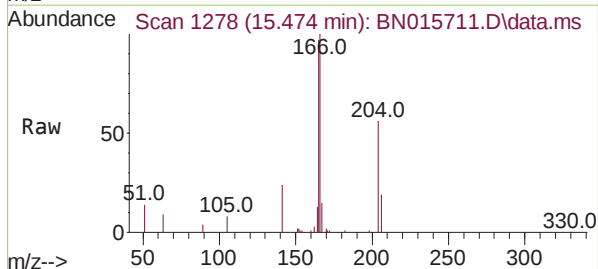


Abundance Scan 1278 (15.474 min): BN015713.D\data.ms (-1212) (-)

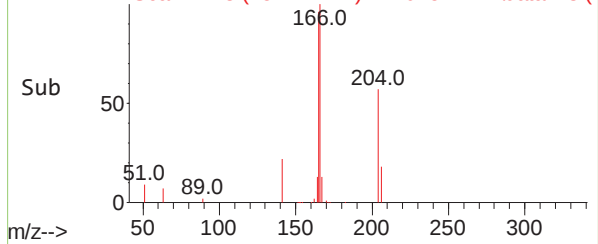


Fluorene  
Concen: 0.111 ng  
RT: 15.474 min Scan# 1278  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

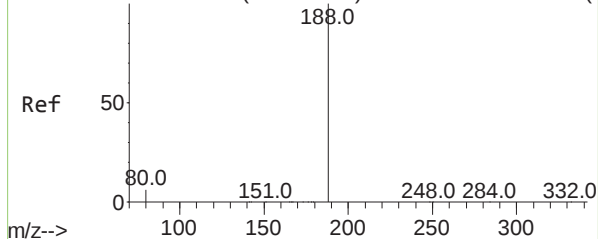
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 166   | Resp: | 32453 |
| Ion      | Ratio | Lower | Upper |
| 166      | 100   |       |       |
| 165      | 97.4  | 78.0  | 117.0 |
| 167      | 13.7  | 10.8  | 16.2  |



Abundance Scan 1278 (15.474 min): BN015711.D\data.ms (-1262) (-)



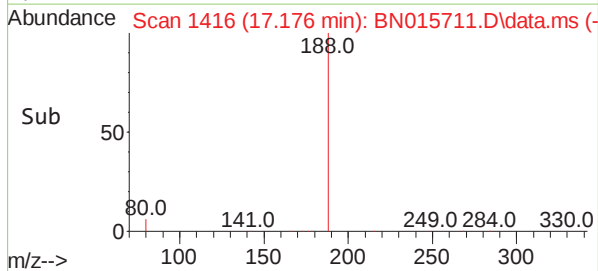
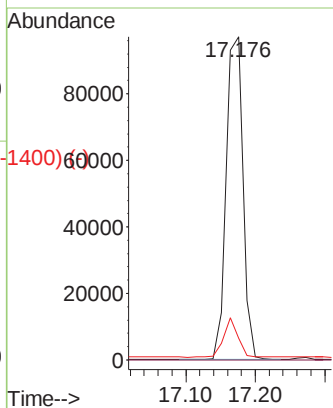
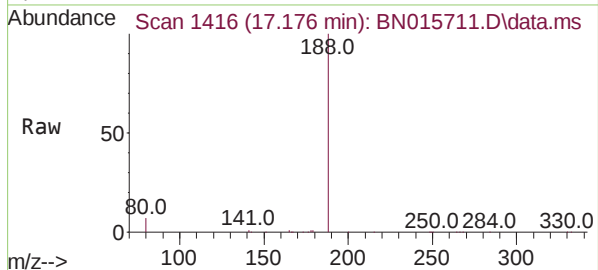
Abundance Scan 1416 (17.176 min): BN015713.D\data.ms (-1416) (-)



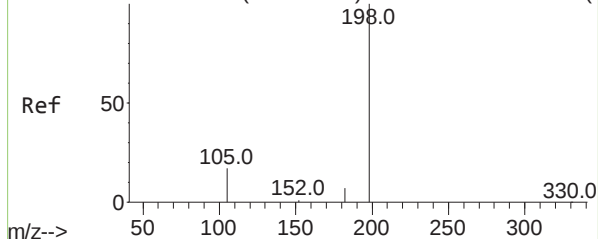
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.176 min Scan# 1416  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

Tgt Ion:188 Resp: 163194  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 6.7 5.0 7.4

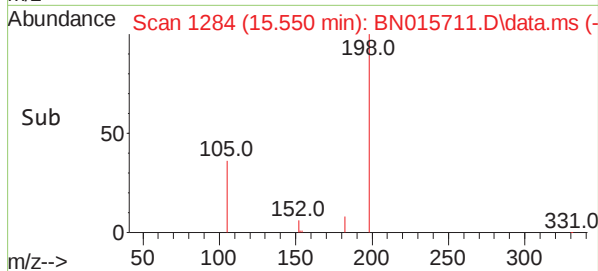
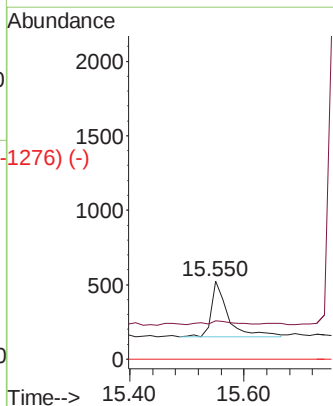
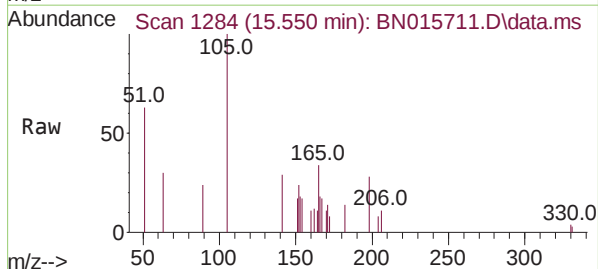


Abundance Scan 1284 (15.550 min): BN015713.D\data.ms (-1284) (-)

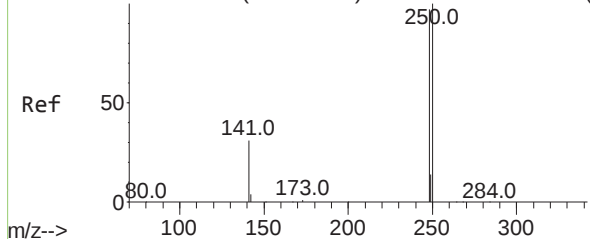


4,6-Dinitro-2-methylphenol  
Concen: 0.090 ng  
RT: 15.550 min Scan# 1284  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

Tgt Ion:198 Resp: 783  
Ion Ratio Lower Upper  
198 100  
182 49.0 10.1 15.1#  
77 0.0 0.0 0.0



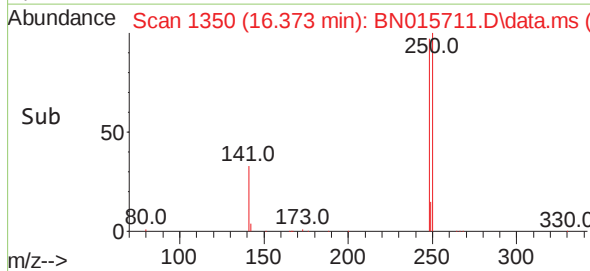
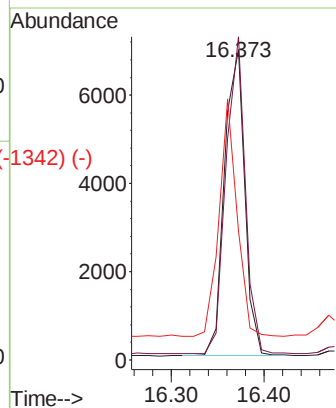
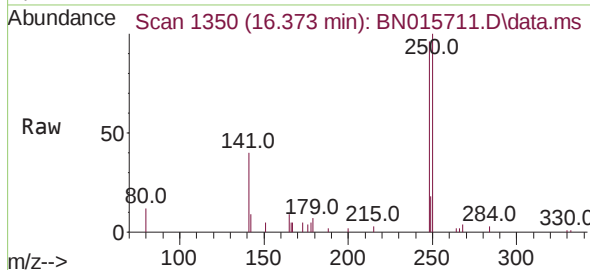
Abundance Scan 1350 (16.372 min): BN015713.D\data.ms (-1323) (-)



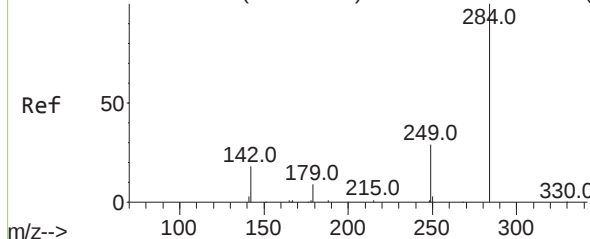
4-Bromophenyl-phenylether  
Concen: 0.112 ng  
RT: 16.373 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 248   | Resp: | 10544 |
| Ion      | Ratio | Lower | Upper |
| 248      | 100   |       |       |
| 250      | 104.1 | 82.2  | 123.4 |
| 141      | 41.6  | 26.9  | 40.3# |

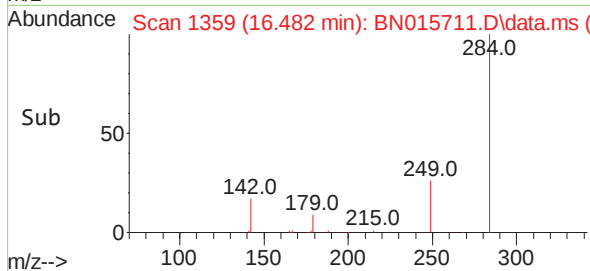
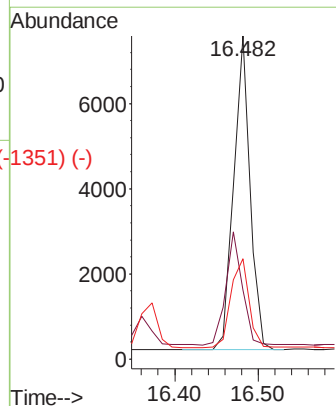
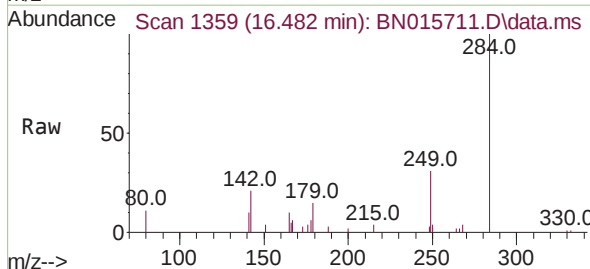


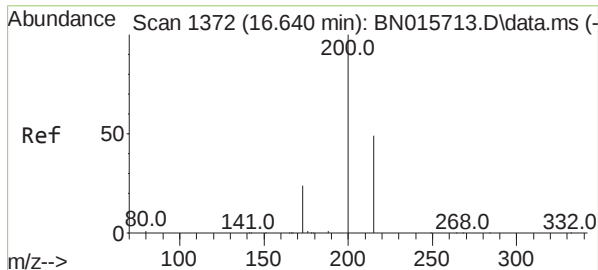
Abundance Scan 1359 (16.482 min): BN015713.D\data.ms (-1323) (-)



Hexachlorobenzene  
Concen: 0.098 ng  
RT: 16.482 min Scan# 1359  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

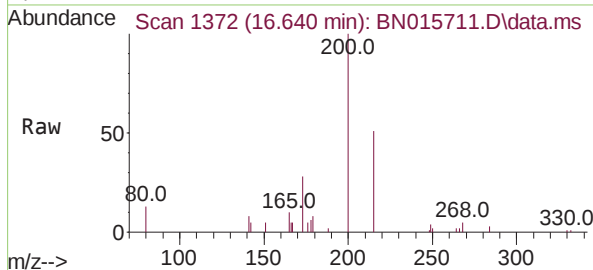
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 284   | Resp: | 10224 |
| Ion      | Ratio | Lower | Upper |
| 284      | 100   |       |       |
| 142      | 35.7  | 28.6  | 43.0  |
| 249      | 31.3  | 24.9  | 37.3  |



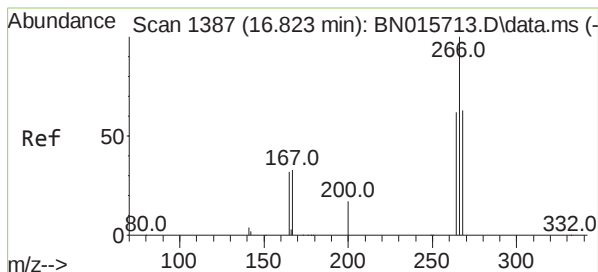
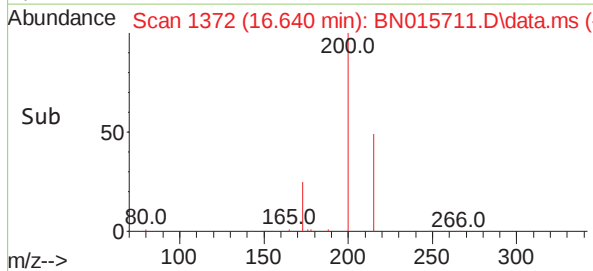
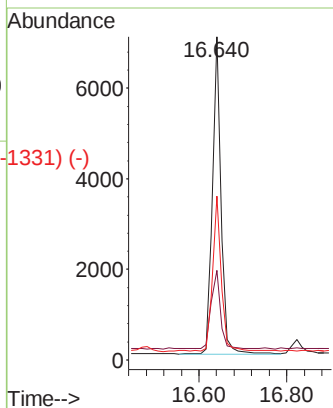


#27 (-)  
Atrazine  
Concen: 0.133 ng  
RT: 16.640 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

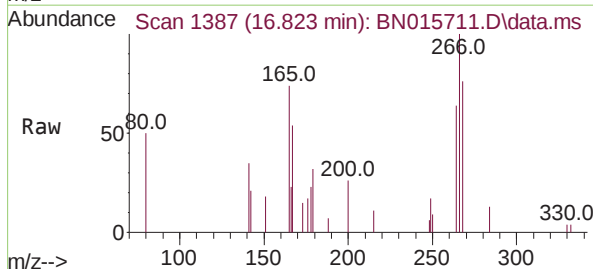
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1



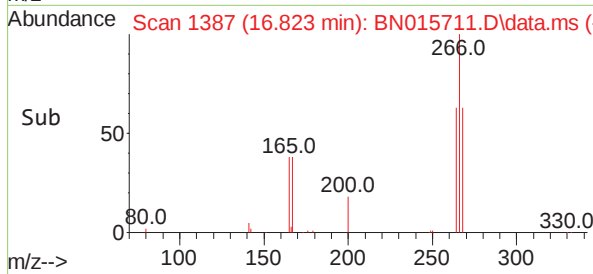
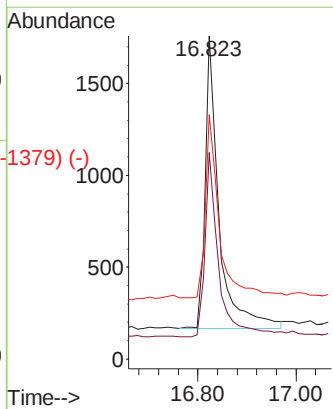
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.7  | 19.6  | 29.4  |
| 215     | 50.7  | 39.1  | 58.7  |



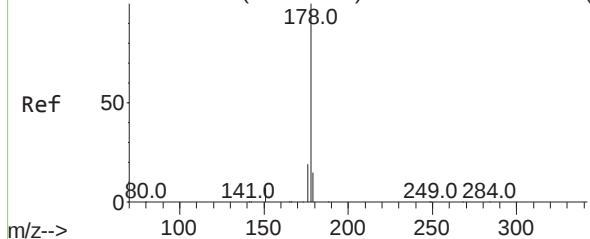
#21 (-)  
Pentachlorophenol  
Concen: 0.085 ng  
RT: 16.823 min Scan# 1387  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 61.9  | 50.1  | 75.1  |
| 268     | 63.2  | 51.4  | 77.2  |



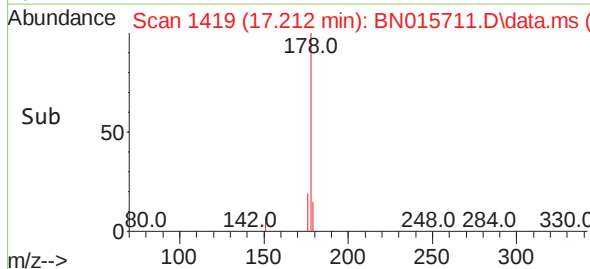
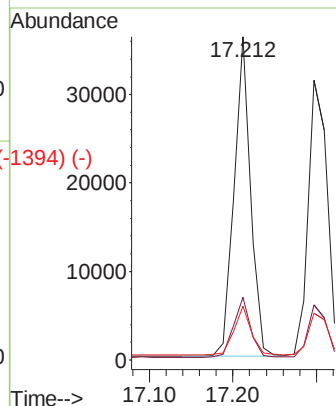
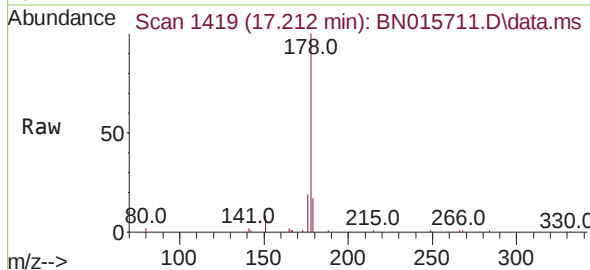
Abundance Scan 1419 (17.212 min): BN015713.D\data.ms (-125) (-)



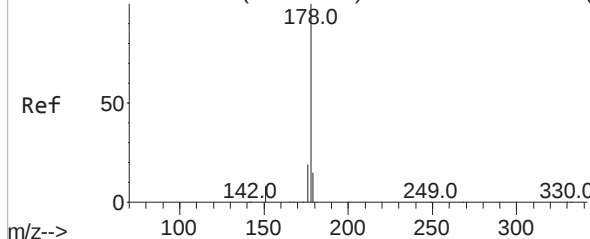
Phenanthrene  
Concen: 0.105 ng  
RT: 17.212 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

Tgt Ion:178 Resp: 50401  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.2 22.8  
179 15.6 12.3 18.5

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

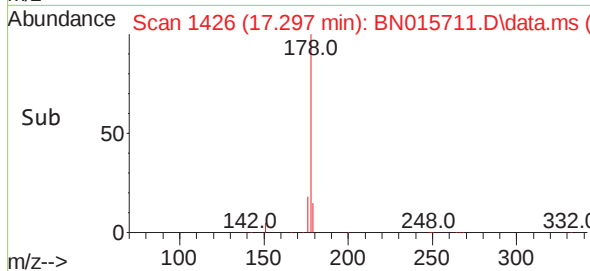
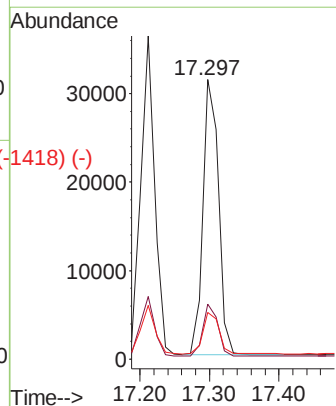
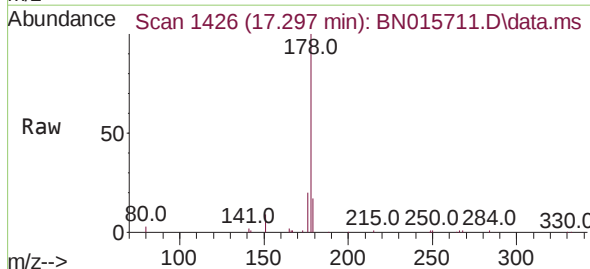


Abundance Scan 1426 (17.297 min): BN015713.D\data.ms (-125) (-)

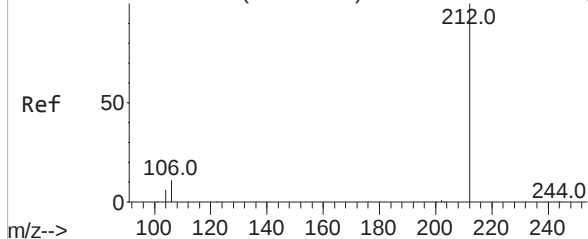


Anthracene  
Concen: 0.116 ng  
RT: 17.297 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

Tgt Ion:178 Resp: 48958  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.6 22.0  
179 15.1 12.2 18.4



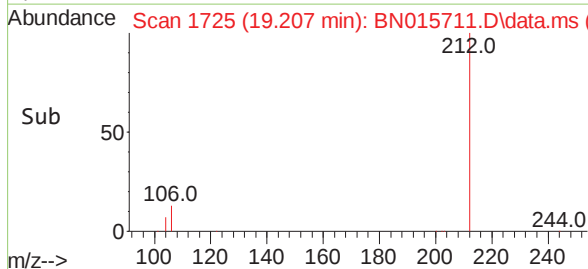
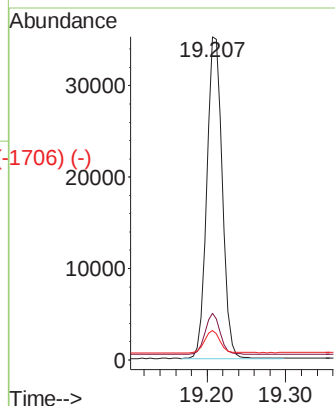
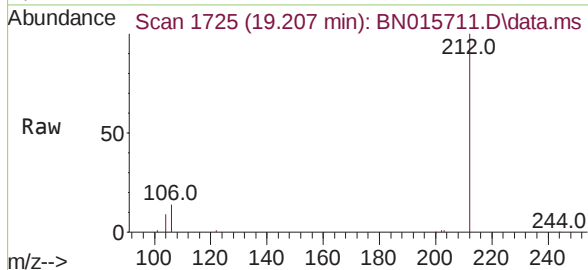
Abundance Scan 1726 (19.212 min): BN015713.D\data.ms (-1#27) (-)



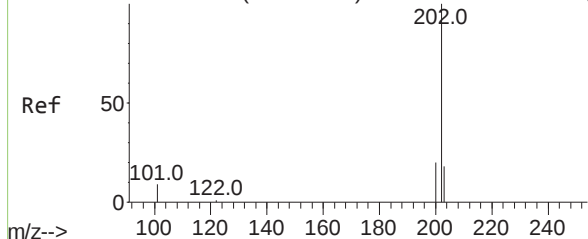
Fluoranthene-d10  
Concen: 0.108 ng  
RT: 19.207 min Scan# 1725  
Delta R.T. -0.005 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

Tgt Ion:212 Resp: 48293  
Ion Ratio Lower Upper  
212 100  
106 12.3 9.6 14.4  
104 6.8 5.4 8.0

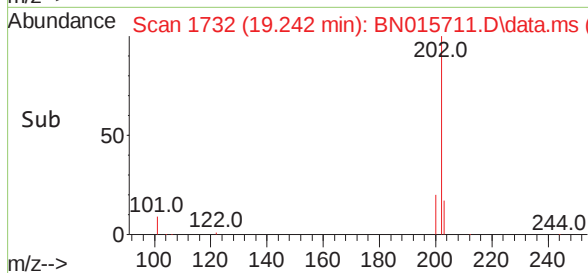
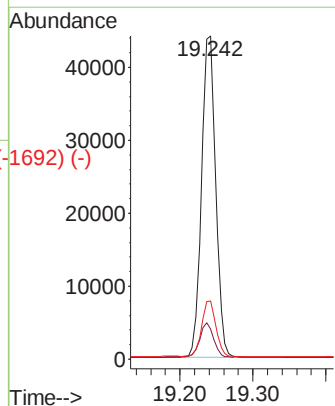
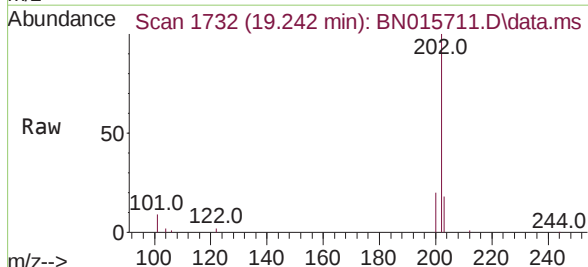


Abundance Scan 1732 (19.242 min): BN015713.D\data.ms (-1#28) (-)

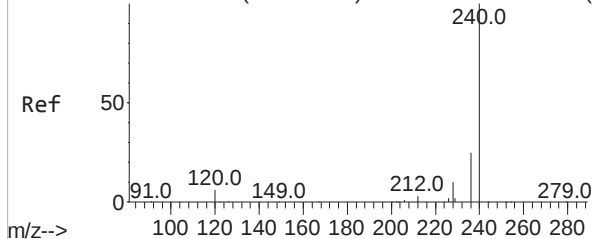


Fluoranthene  
Concen: 0.111 ng  
RT: 19.242 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

Tgt Ion:202 Resp: 59319  
Ion Ratio Lower Upper  
202 100  
101 10.6 8.3 12.5  
203 17.3 13.9 20.9



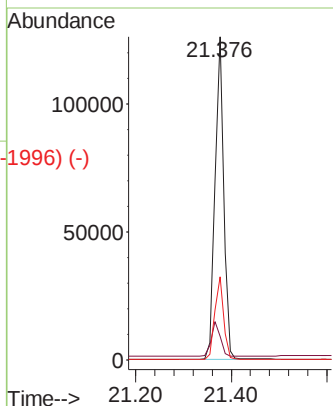
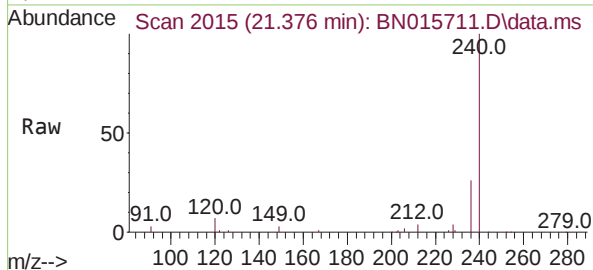
Abundance Scan 2015 (21.376 min): BN015713.D\data.ms (-1996) (-)



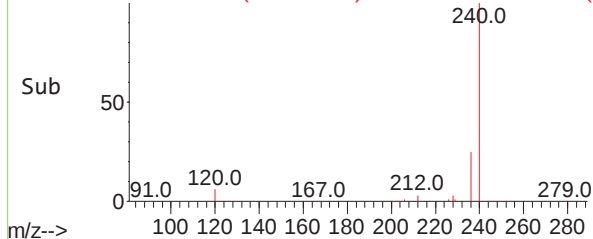
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.376 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

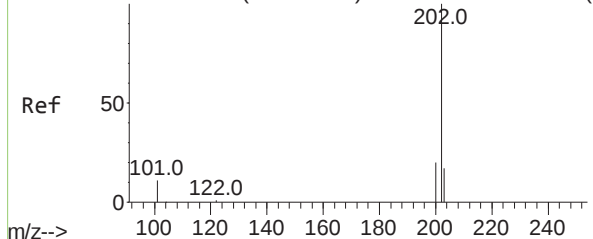
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 158153 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 7.3   | 5.4   | 8.0    |
| 236      | 25.6  | 20.3  | 30.5   |



Abundance Scan 2015 (21.376 min): BN015711.D\data.ms (-1996) (-)

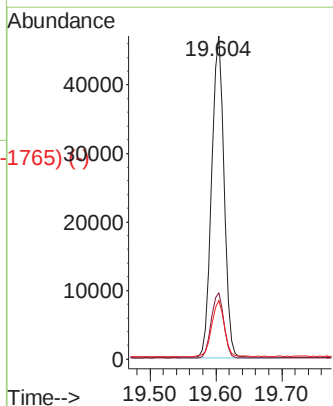
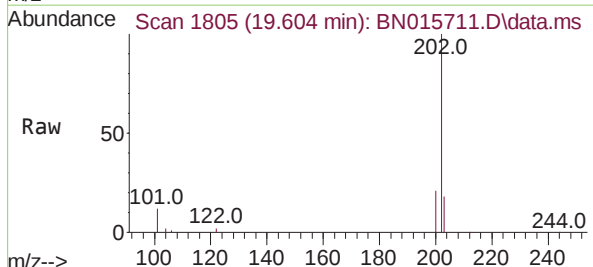


Abundance Scan 1805 (19.604 min): BN015713.D\data.ms (-1734) (-)

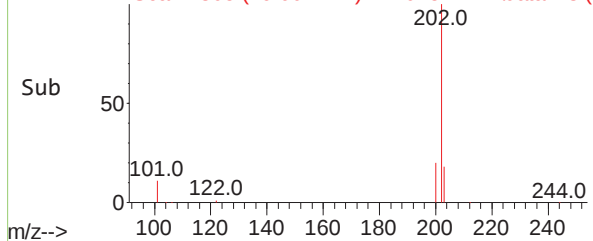


Pyrene  
Concen: 0.110 ng  
RT: 19.604 min Scan# 1805  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 60792 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 200      | 20.7  | 16.5  | 24.7  |
| 203      | 17.7  | 14.1  | 21.1  |



Abundance Scan 1805 (19.604 min): BN015711.D\data.ms (-1765) (-)



Abundance Scan 1848 (19.817 min): BN015713.D\data.ms (-1818) (-)

Terphenyl-d14

Concen: 0.133 ng

RT: 19.817 min Scan# 1848

Delta R.T. 0.000 min

Lab File: BN015711.D

Acq: 29 Jul 2021 17:11

Tgt Ion:244 Resp: 49013

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

122 11.4 8.4 12.6

Abundance Scan 1848 (19.817 min): BN015711.D\data.ms

Ref 50

244.0

212.0

122.0

101.0

m/z-->

100 120 140 160 180 200 220 240

Abundance Scan 1848 (19.817 min): BN015711.D\data.ms (-1818) (-)

Ref 50

244.0

212.0

122.0

101.0

m/z-->

100 120 140 160 180 200 220 240

Abundance

19.817

30000

20000

10000

0

Time-->

19.80 19.90

Abundance Scan 2013 (21.355 min): BN015713.D\data.ms (-1994) (-)

Benzo(a)anthracene

Concen: 0.110 ng

RT: 21.355 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BN015711.D

Acq: 29 Jul 2021 17:11

Tgt Ion:228 Resp: 58783

Ion Ratio Lower Upper

228 100

226 27.2 22.2 33.2

229 19.6 15.8 23.6

Abundance Scan 2013 (21.355 min): BN015711.D\data.ms

Ref 50

228.0

254.0279.0

202.0

149.0

120.0

91.0

m/z-->

100 120 140 160 180 200 220 240 260 280

Abundance Scan 2013 (21.355 min): BN015711.D\data.ms (-1994) (-)

Ref 50

228.0

254.0279.0

200.0

167.0

120.0

91.0

m/z-->

100 120 140 160 180 200 220 240 260 280

Abundance

21.355

40000

30000

20000

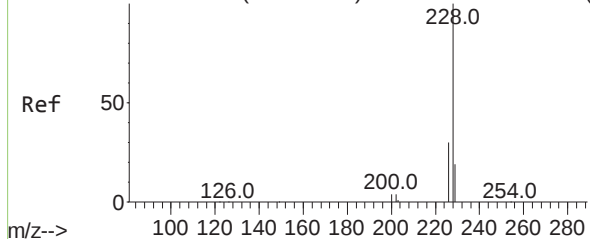
10000

0

Time-->

21.30 21.35 21.40

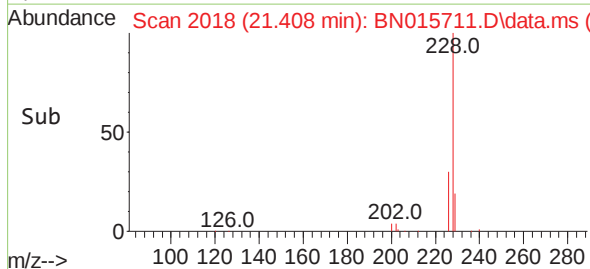
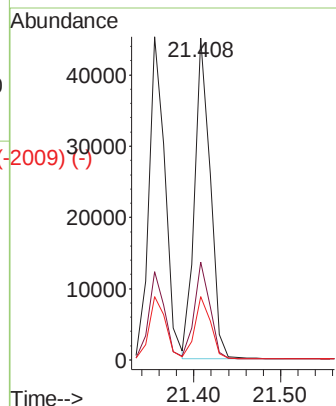
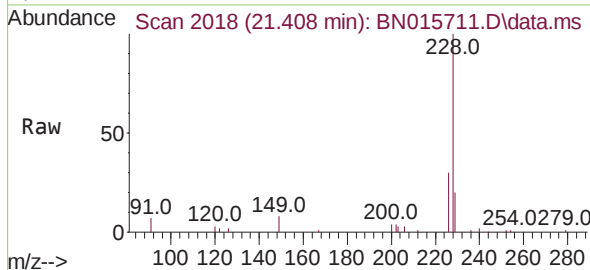
Abundance Scan 2018 (21.408 min): BN015713.D\data.ms (-2009) (-)



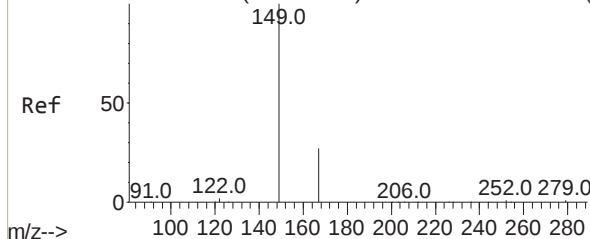
Chrysene  
Concen: 0.105 ng  
RT: 21.408 min Scan# 2018  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 228   | Resp: | 56174 |
| Ion      | Ratio | Lower | Upper |
| 228      | 100   |       |       |
| 226      | 30.3  | 24.1  | 36.1  |
| 229      | 19.6  | 15.4  | 23.0  |

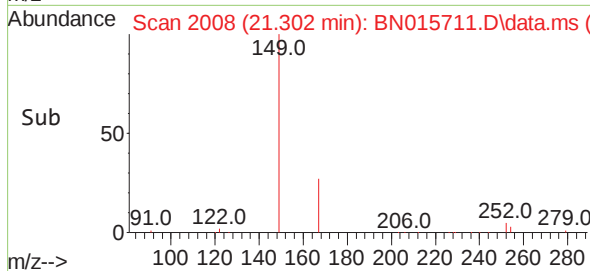
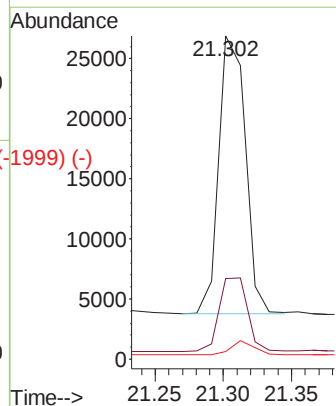
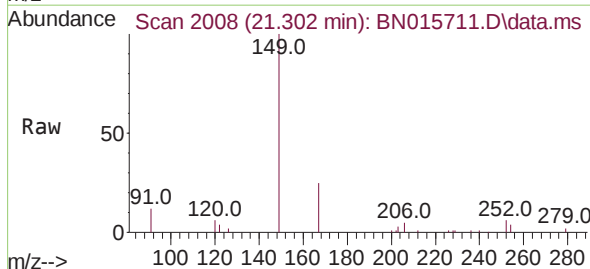


Abundance Scan 2008 (21.302 min): BN015713.D\data.ms (-2009) (-)



Bis(2-ethylhexyl)phthalate  
Concen: 0.109 ng  
RT: 21.302 min Scan# 2008  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

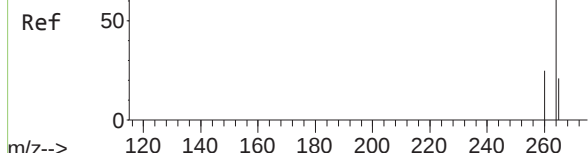
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 31319 |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 167      | 28.1  | 22.5  | 33.7  |
| 279      | 4.5   | 3.5   | 5.3   |



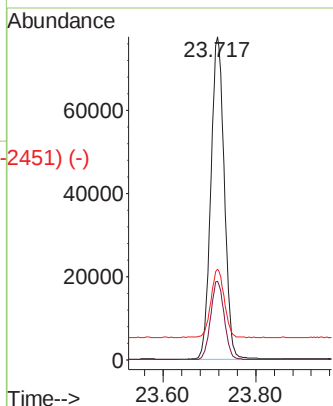
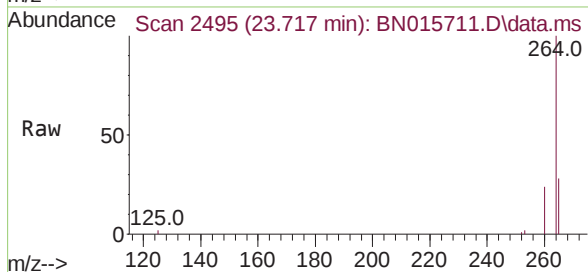
Abundance Scan 2495 (23.717 min): BN015713.D\data.ms (-2451) (-)

Perylene-d12  
Concen: 0.400 ng  
RT: 23.717 min Scan# 2495  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

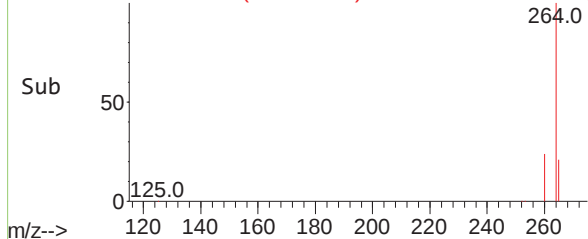
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 154552 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 24.4  | 19.7  | 29.5   |
| 265      | 28.0  | 21.1  | 31.7   |



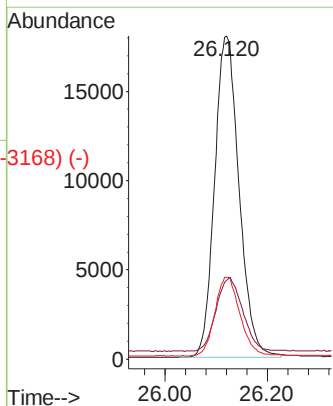
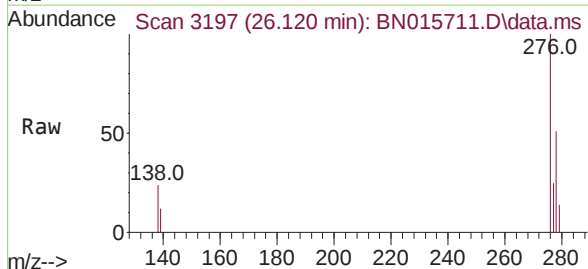
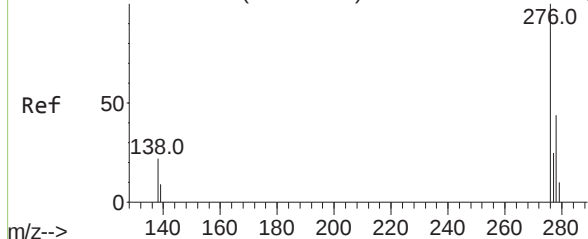
Abundance Scan 2495 (23.717 min): BN015711.D\data.ms (-2451) (-)



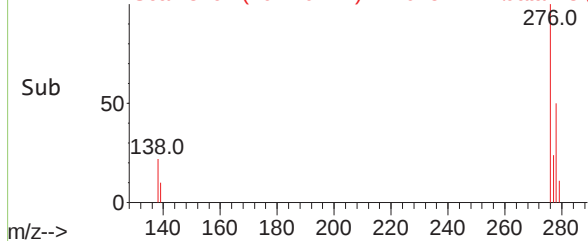
Abundance Scan 3197 (26.120 min): BN015713.D\data.ms (-3168) (-)

Indeno(1,2,3-cd)pyrene  
Concen: 0.101 ng  
RT: 26.120 min Scan# 3197  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 59875 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 138      | 24.8  | 19.8  | 29.6  |
| 277      | 25.0  | 19.5  | 29.3  |



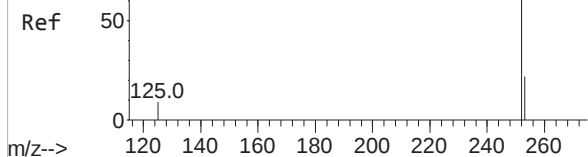
Abundance Scan 3197 (26.120 min): BN015711.D\data.ms (-3168) (-)



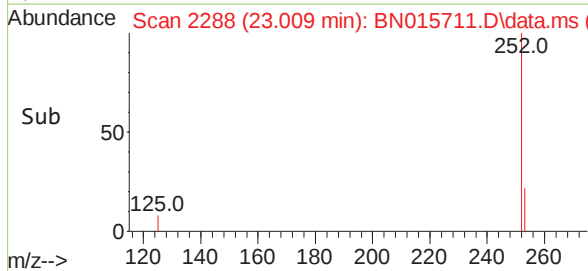
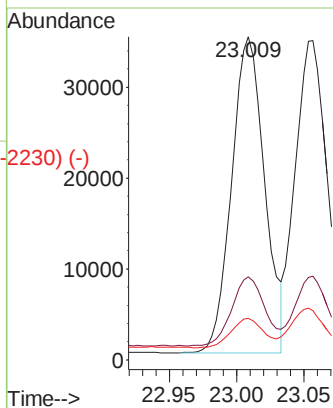
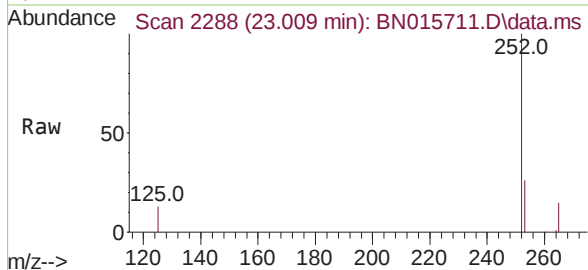
Abundance Scan 2288 (23.009 min): BN015713.D\data.ms (-2227) (-)

Benzo(b)fluoranthene  
Concen: 0.110 ng  
RT: 23.009 min Scan# 2288  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1



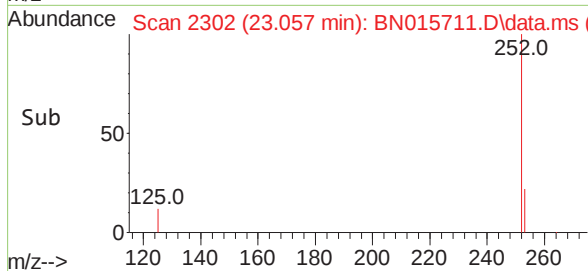
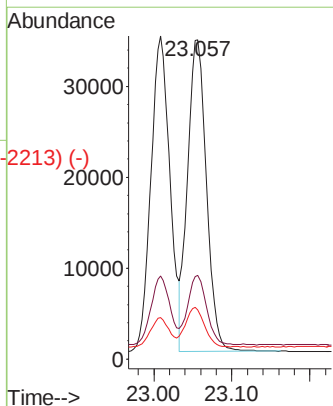
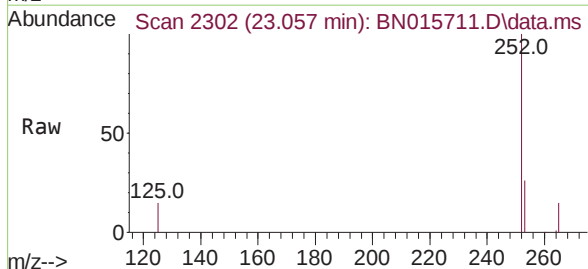
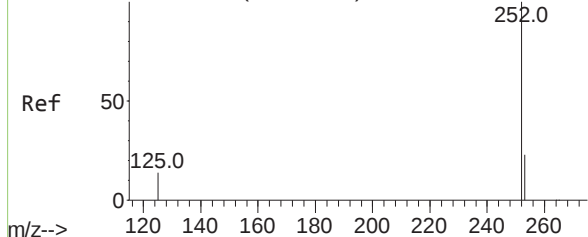
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 59163 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 25.7  | 18.2  | 27.4  |
| 125      | 12.8  | 7.8   | 11.8# |



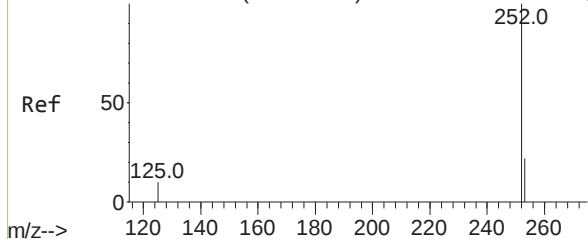
Abundance Scan 2301 (23.053 min): BN015713.D\data.ms (-2236) (-)

Benzo(k)fluoranthene  
Concen: 0.105 ng  
RT: 23.057 min Scan# 2302  
Delta R.T. 0.003 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 57558 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 26.3  | 18.7  | 28.1  |
| 125      | 15.3  | 12.6  | 18.8  |



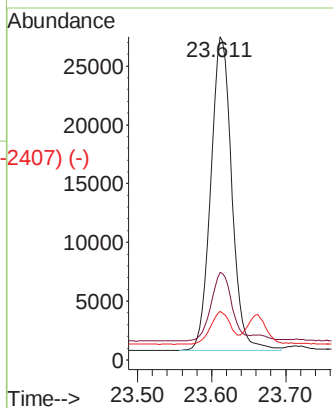
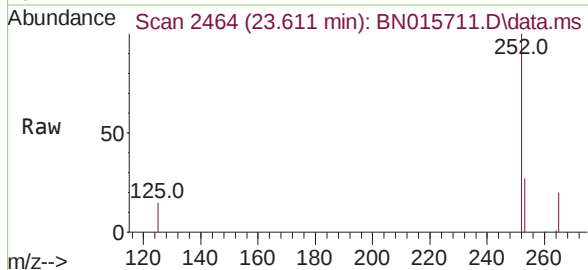
Abundance Scan 2465 (23.614 min): BN015713.D\data.ms (-2465) (-)



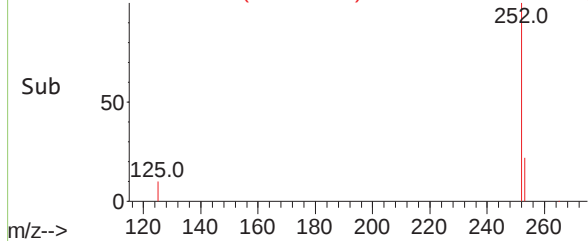
Benzo(a)pyrene  
Concen: 0.109 ng  
RT: 23.611 min Scan# 2464  
Delta R.T. -0.003 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

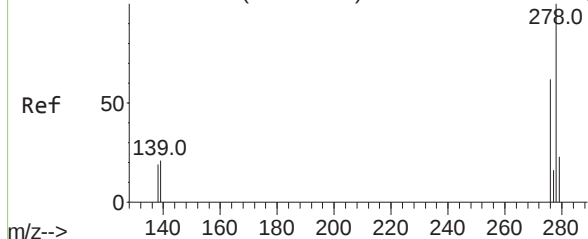
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 52637 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 27.0  | 18.3  | 27.5  |
| 125       | 14.9  | 8.7   | 13.1# |



Abundance Scan 2464 (23.611 min): BN015711.D\data.ms (-2407) (-)

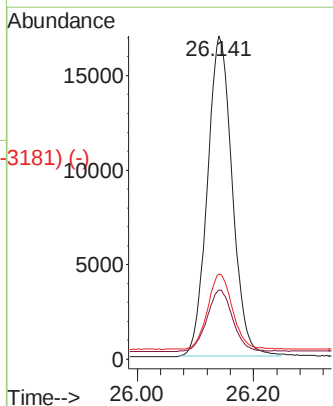
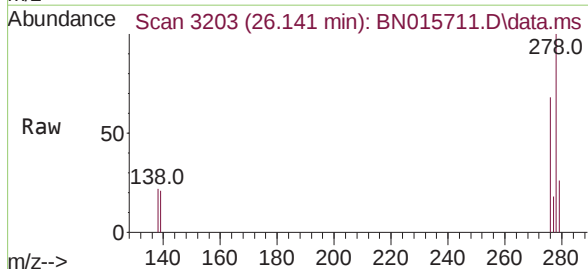


Abundance Scan 3204 (26.144 min): BN015713.D\data.ms (-3140) (-)

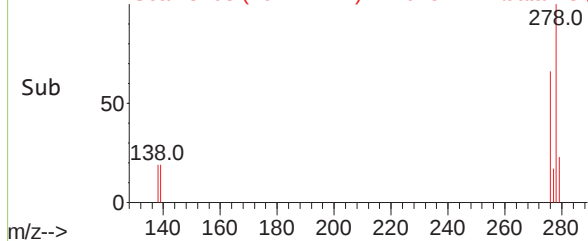


Dibenzo(a,h)anthracene  
Concen: 0.104 ng  
RT: 26.141 min Scan# 3203  
Delta R.T. -0.003 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

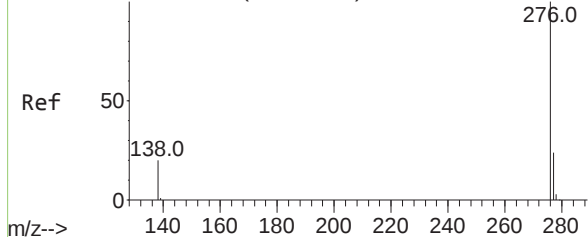
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 50268 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 21.4  | 17.4  | 26.0  |
| 279       | 26.3  | 19.3  | 28.9  |



Abundance Scan 3203 (26.141 min): BN015711.D\data.ms (-3181) (-)



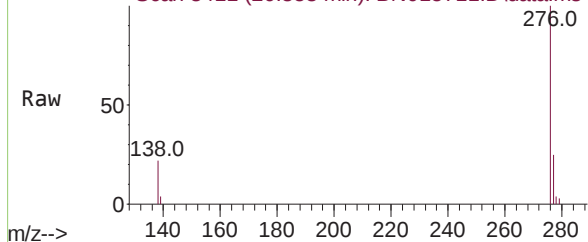
Abundance Scan 3411 (26.853 min): BN015713.D\data.ms (-3354)



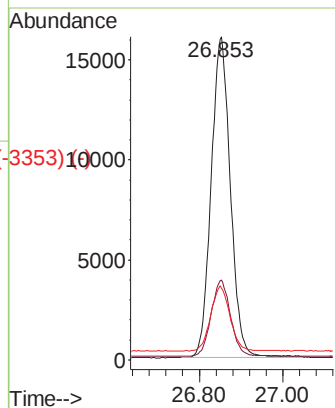
Benzo(g,h,i)perylene  
Concen: 0.104 ng  
RT: 26.853 min Scan# 3411  
Delta R.T. 0.000 min  
Lab File: BN015711.D  
Acq: 29 Jul 2021 17:11

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

Abundance Scan 3411 (26.853 min): BN015711.D\data.ms



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 51300 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.7  | 19.0  | 28.6  |
| 138      | 22.1  | 16.4  | 24.6  |



Abundance Scan 3411 (26.853 min): BN015711.D\data.ms (-3353)

