

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102921\  
 Data File : BN017181.D  
 Acq On : 29 Oct 2021 14:56  
 Operator : CG/JU  
 Sample : SSTDIC0.1  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDIC0.1

Quant Time: Oct 29 17:24:46 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN102921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 29 17:22:00 2021  
 Response via : Initial Calibration

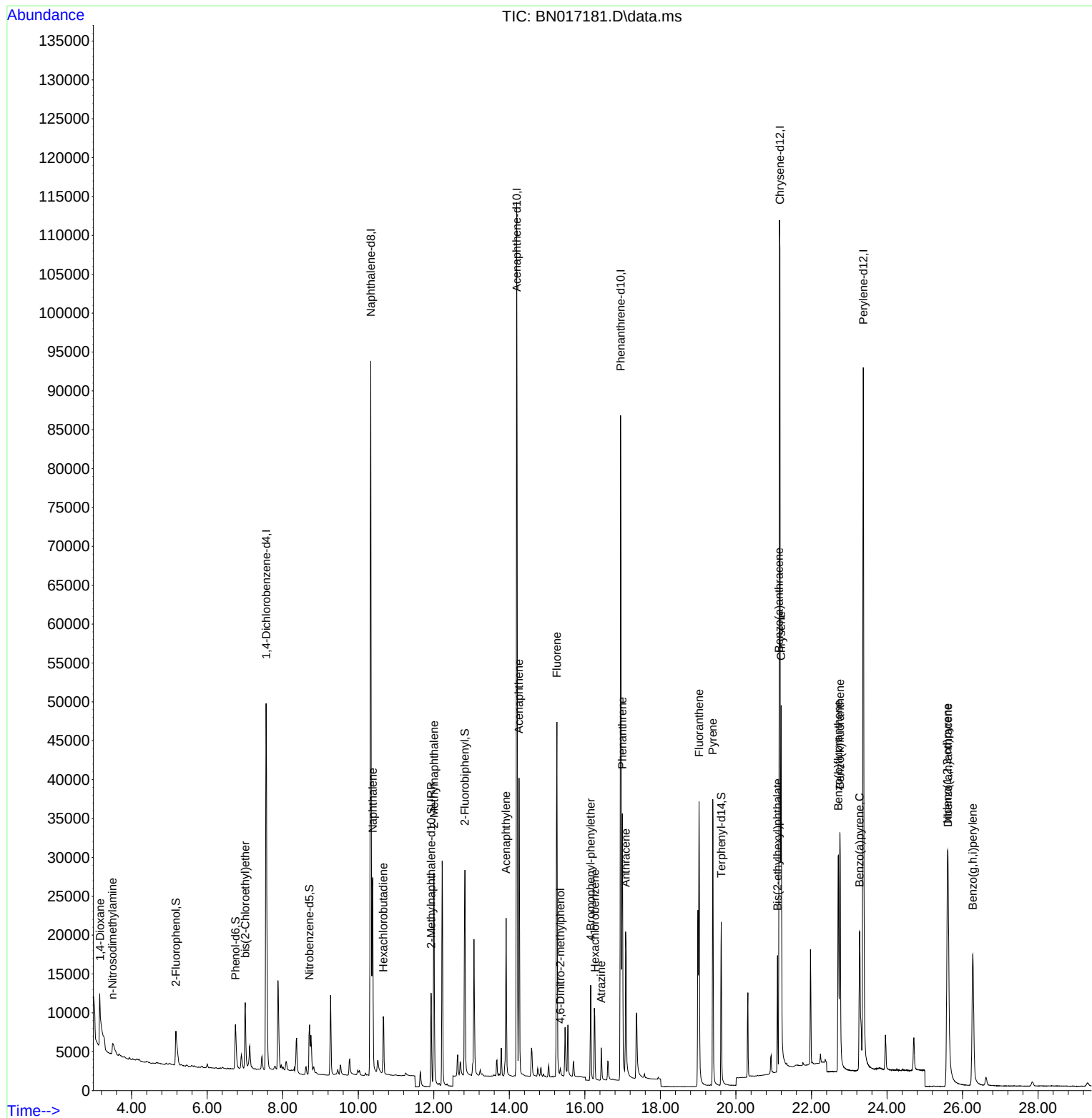
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.561  | 152  | 29597    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.332 | 136  | 132778   | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.194 | 164  | 68415    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.946 | 188  | 126812   | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.165 | 240  | 114583   | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.373 | 264  | 123670   | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.173  | 112  | 6700     | 0.108 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.749  | 99   | 7059     | 0.099 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.710  | 82   | 6664     | 0.077 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.929 | 152  | 18166    | 0.096 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 0.000  | 330  | 0d       | 0.000 | ng    |          |
| 15) 2-Fluorobiphenyl          | 12.824 | 172  | 25889    | 0.101 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 0.000  | 212  | 0d       | 0.000 | ng    |          |
| 31) Terphenyl-d14             | 19.610 | 244  | 24014    | 0.095 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.163  | 88   | 1576     | 0.082 | ng    | # 1      |
| 3) n-Nitrosodimethylamine     | 3.495  | 42   | 2281     | 0.100 | ng    | # 95     |
| 6) bis(2-Chloroethyl)ether    | 7.008  | 93   | 7867     | 0.096 | ng    | 99       |
| 9) Naphthalene                | 10.383 | 128  | 37204    | 0.108 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.662 | 225  | 6713     | 0.098 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.004 | 142  | 22318    | 0.100 | ng    | 99       |
| 16) Acenaphthylene            | 13.915 | 152  | 23057    | 0.083 | ng    | 100      |
| 17) Acenaphthene              | 14.258 | 154  | 18815    | 0.099 | ng    | 99       |
| 18) Fluorene                  | 15.260 | 166  | 21447    | 0.094 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.349 | 198  | 831      | 0.062 | ng    | # 77     |
| 21) 4-Bromophenyl-phenylether | 16.155 | 248  | 6306     | 0.085 | ng    | 97       |
| 22) Hexachlorobenzene         | 16.264 | 284  | 7616     | 0.090 | ng    | 99       |
| 23) Atrazine                  | 16.435 | 200  | 3654     | 0.075 | ng    | 97       |
| 25) Phenanthrene              | 16.995 | 178  | 35213    | 0.098 | ng    | 99       |
| 26) Anthracene                | 17.080 | 178  | 24898    | 0.082 | ng    | 99       |
| 28) Fluoranthene              | 19.025 | 202  | 35492    | 0.091 | ng    | 100      |
| 30) Pyrene                    | 19.387 | 202  | 36003    | 0.100 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.144 | 228  | 31301    | 0.092 | ng    | 100      |
| 33) Chrysene                  | 21.197 | 228  | 37386    | 0.100 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.101 | 149  | 12398    | 0.085 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.598 | 276  | 43707    | 0.104 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.712 | 252  | 35966    | 0.089 | ng    | 96       |
| 38) Benzo(k)fluoranthene      | 22.757 | 252  | 36963    | 0.092 | ng    | # 93     |
| 39) Benzo(a)pyrene            | 23.274 | 252  | 31121    | 0.088 | ng    | 95       |
| 40) Dibenzo(a,h)anthracene    | 25.618 | 278  | 34274    | 0.102 | ng    | 96       |
| 41) Benzo(g,h,i)perylene      | 26.272 | 276  | 38699    | 0.103 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

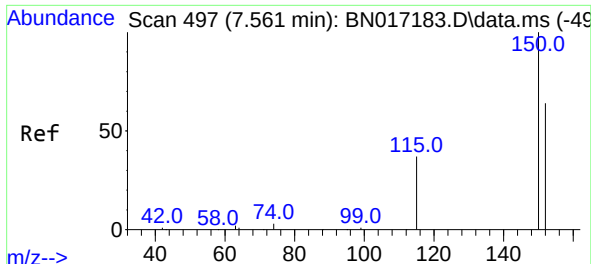
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : SSTDIC0.1  
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ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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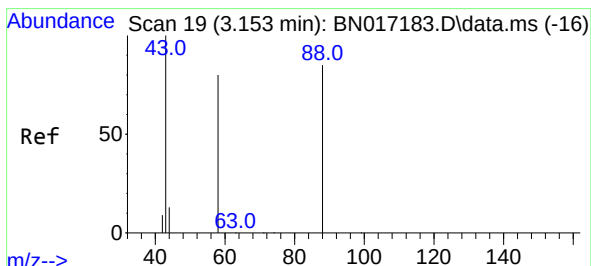
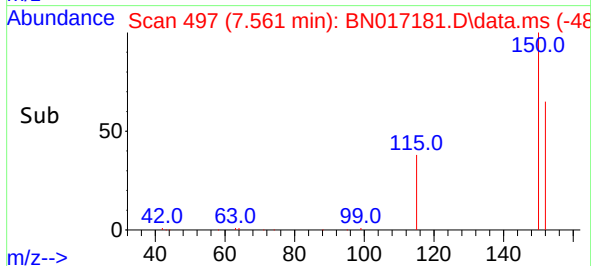
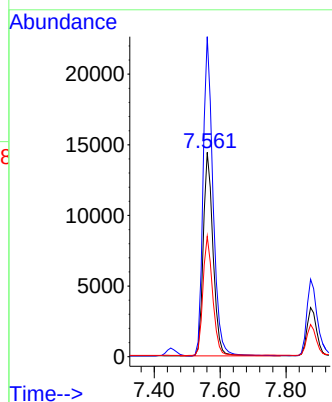
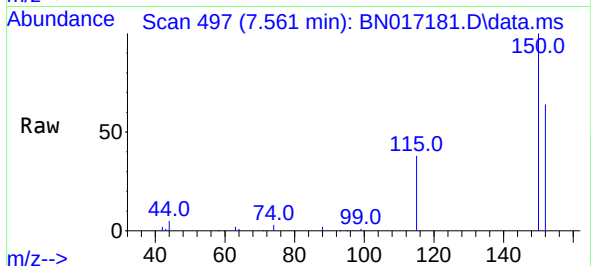


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.561 min Scan# 497  
 Delta R.T. -0.000 min  
 Lab File: BN017181.D  
 Acq: 29 Oct 2021 14:56

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.1

Tgt Ion:152 Resp: 29597  

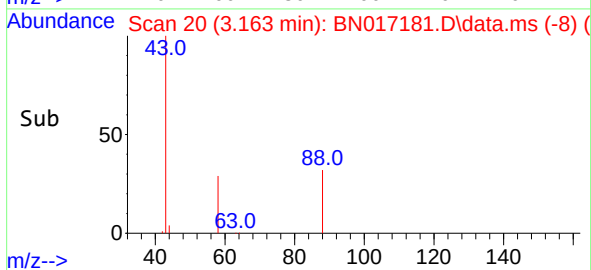
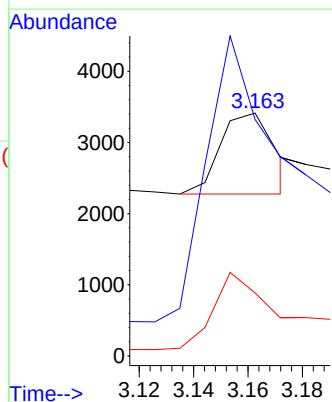
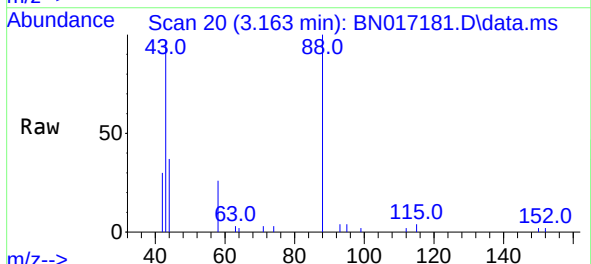
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 156.6 | 124.6 | 187.0 |
| 115 | 58.9  | 47.0  | 70.6  |

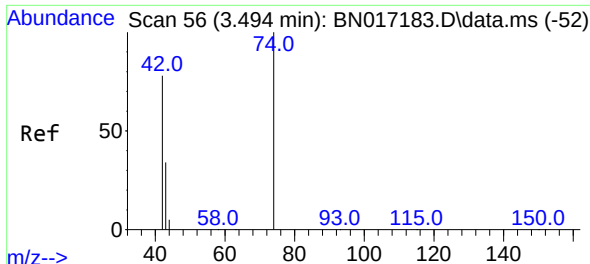


#2  
 1,4-Dioxane  
 Concen: 0.082 ng  
 RT: 3.163 min Scan# 20  
 Delta R.T. 0.009 min  
 Lab File: BN017181.D  
 Acq: 29 Oct 2021 14:56

Tgt Ion: 88 Resp: 1576  

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 88  | 100   |       |        |
| 43  | 406.1 | 103.8 | 155.6# |
| 58  | 94.2  | 70.6  | 106.0  |

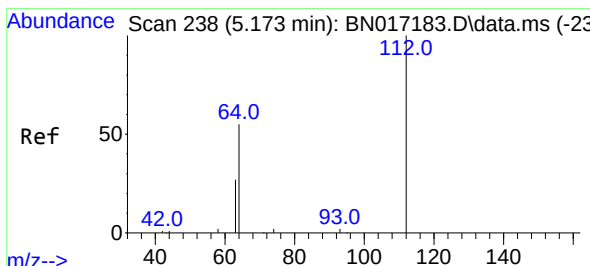
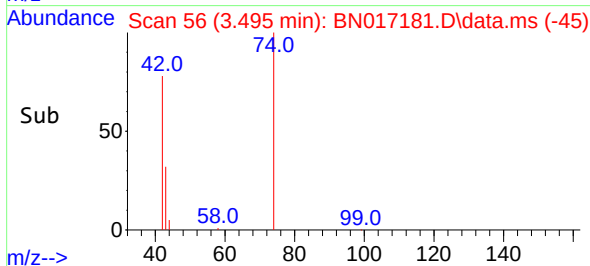
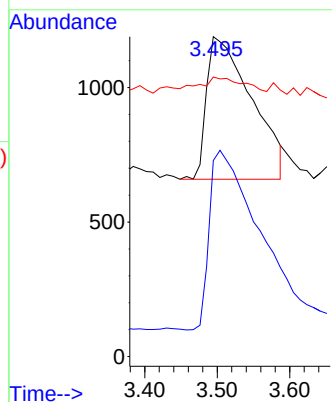
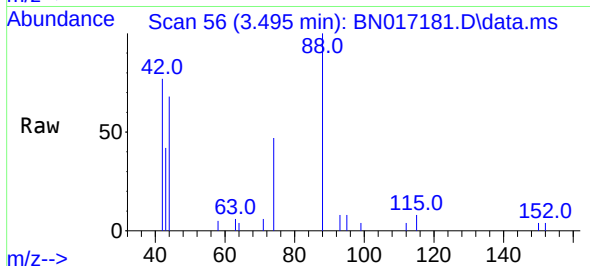




#3  
n-Nitrosodimethylamine  
Concen: 0.100 ng  
RT: 3.495 min Scan# 56  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

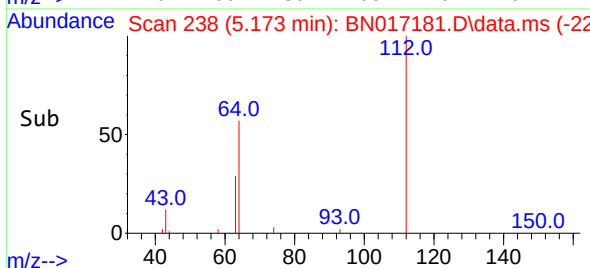
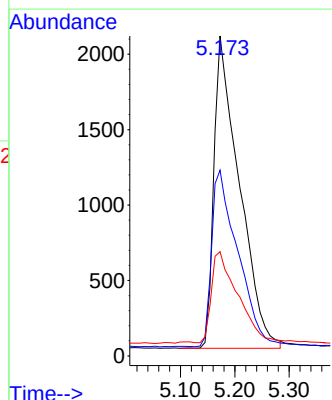
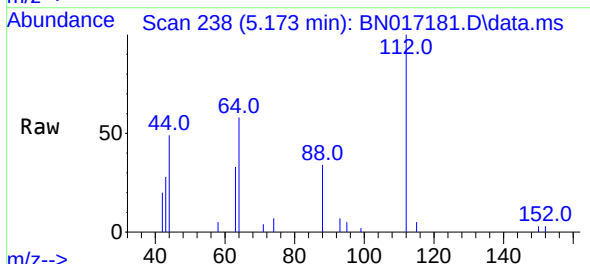
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

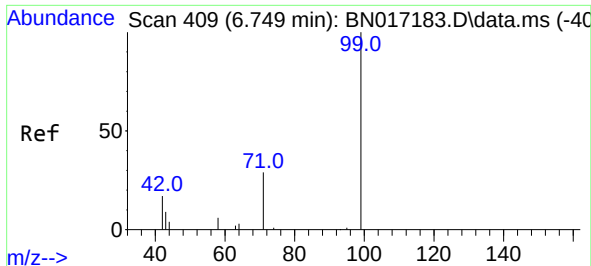
Tgt Ion: 42 Resp: 2281  
Ion Ratio Lower Upper  
42 100  
74 130.6 100.5 150.7  
44 9.4 5.2 7.8#



#4  
2-Fluorophenol  
Concen: 0.108 ng  
RT: 5.173 min Scan# 238  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

Tgt Ion: 112 Resp: 6700  
Ion Ratio Lower Upper  
112 100  
64 58.3 46.6 70.0  
63 30.1 23.8 35.6



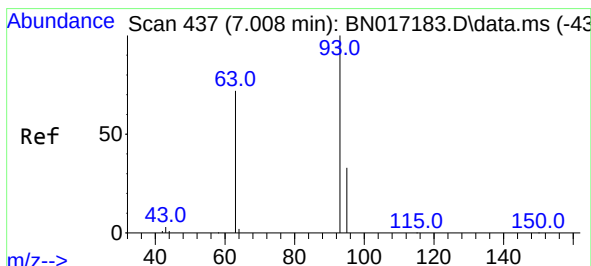
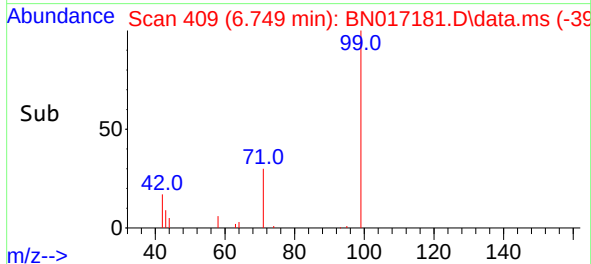
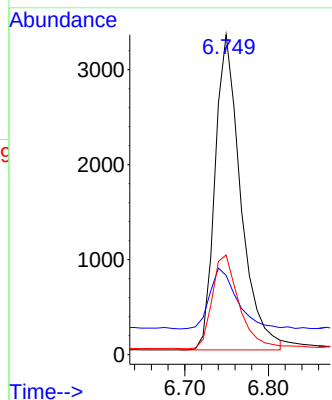
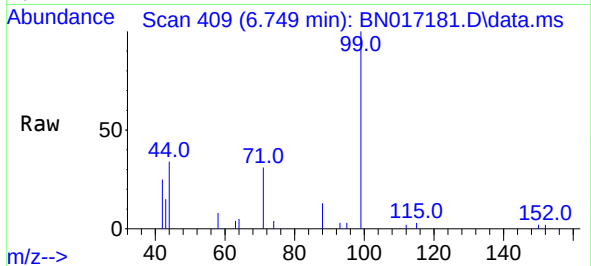


#5  
Phenol-d6  
Concen: 0.099 ng  
RT: 6.749 min Scan# 409  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

Tgt Ion: 99 Resp: 7059

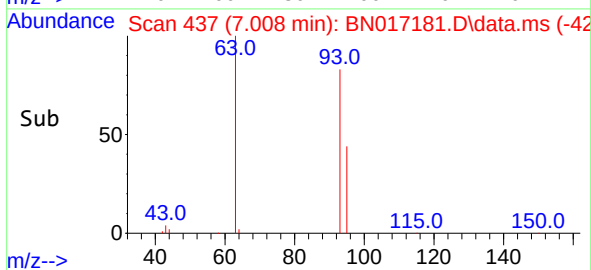
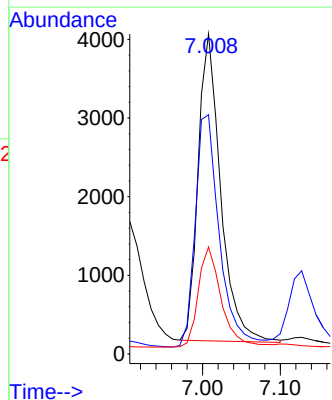
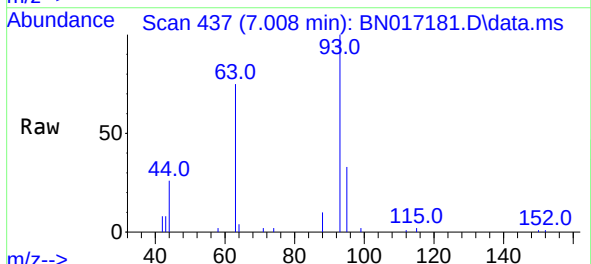
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.5  | 16.2  | 24.4  |
| 71  | 31.2  | 24.6  | 37.0  |

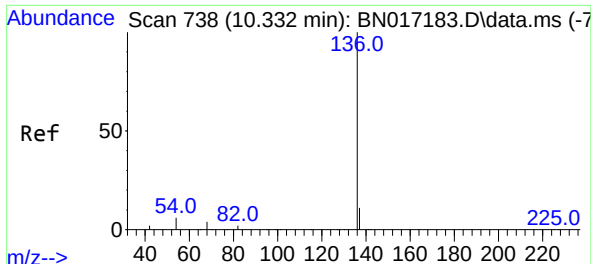


#6  
bis(2-Chloroethyl)ether  
Concen: 0.096 ng  
RT: 7.008 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

Tgt Ion: 93 Resp: 7867

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 81.8  | 64.5  | 96.7  |
| 95  | 33.5  | 26.6  | 39.8  |



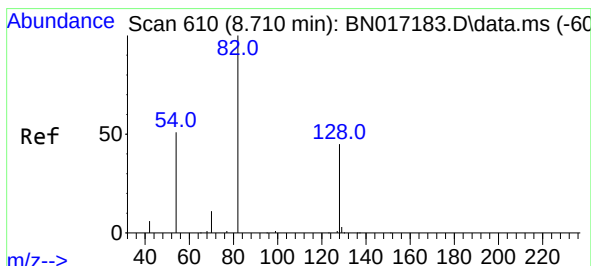
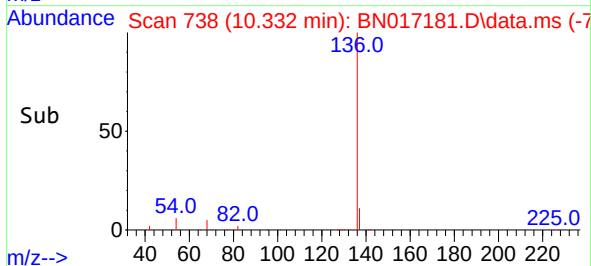
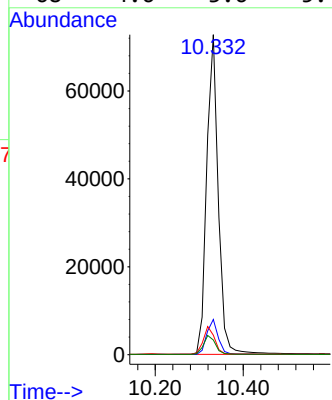
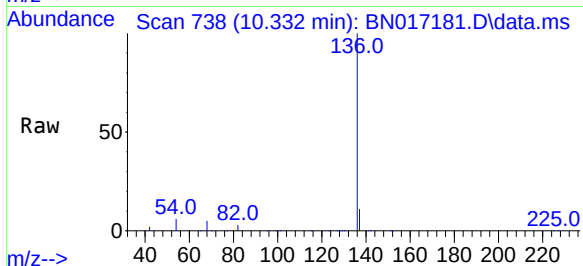


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.332 min Scan# 738  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

Tgt Ion:136 Resp: 132778

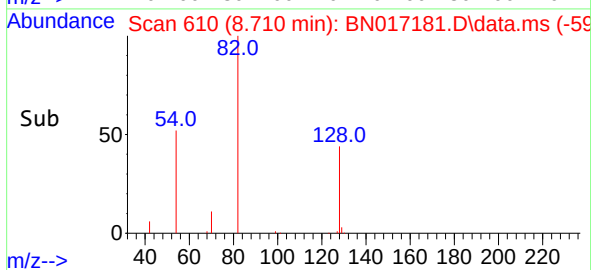
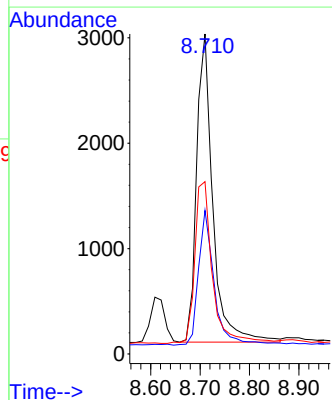
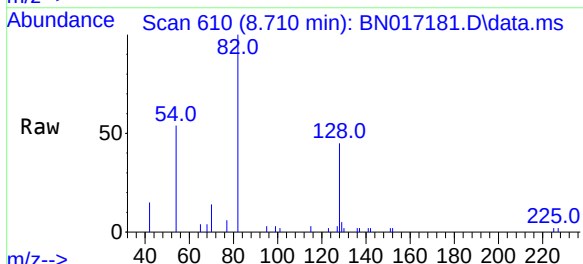
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.8   | 13.2  |
| 54  | 6.1   | 4.8   | 7.2   |
| 68  | 4.6   | 3.6   | 5.4   |

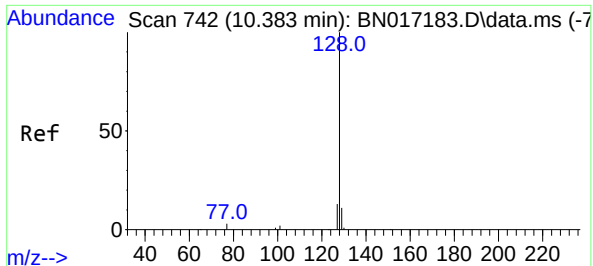


#8  
Nitrobenzene-d5  
Concen: 0.077 ng  
RT: 8.710 min Scan# 610  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

Tgt Ion: 82 Resp: 6664

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.8  | 36.0  | 54.0  |
| 54  | 53.9  | 41.0  | 61.6  |

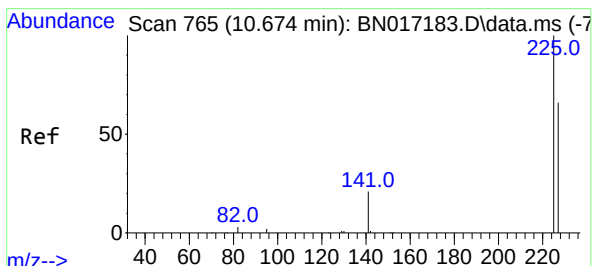
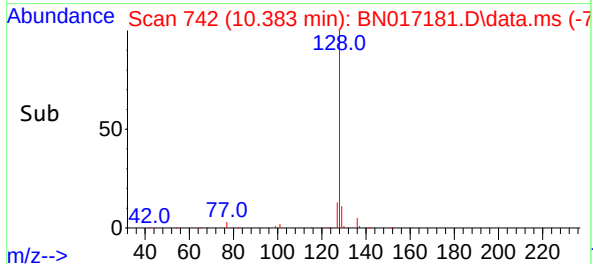
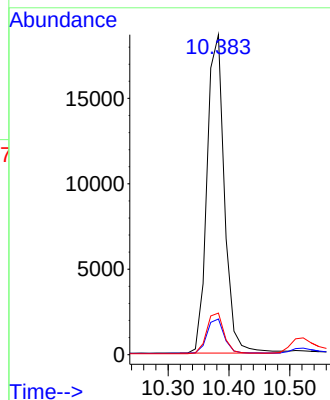
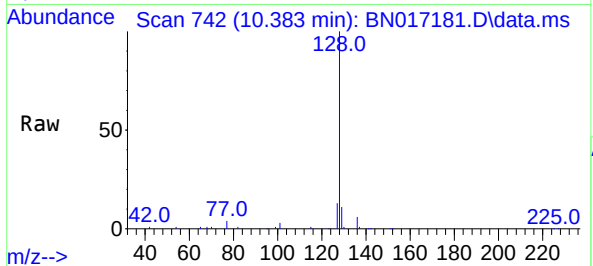




#9  
Naphthalene  
Concen: 0.108 ng  
RT: 10.383 min Scan# 742  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

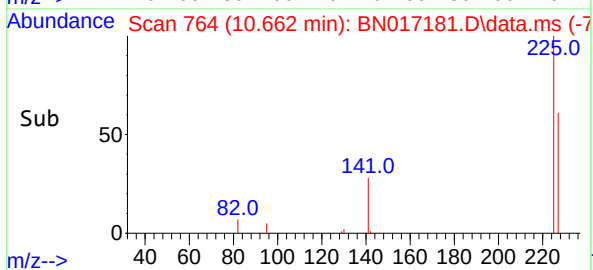
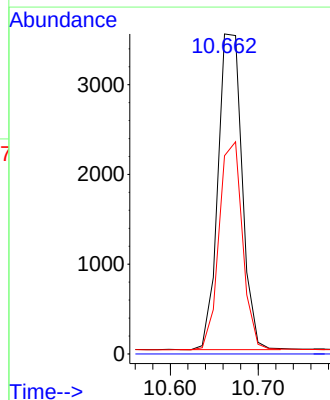
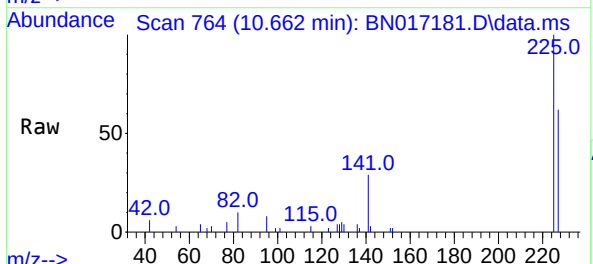
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

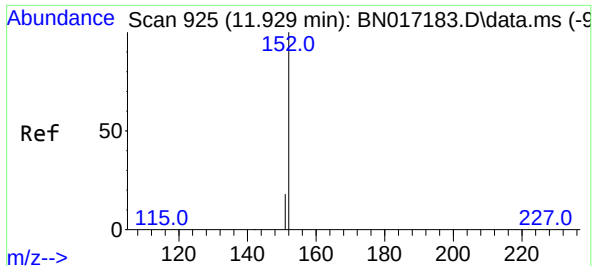
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|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 37204 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.1  | 8.7   | 13.1  |
| 127      | 13.0  | 10.2  | 15.2  |



#10  
Hexachlorobutadiene  
Concen: 0.098 ng  
RT: 10.662 min Scan# 764  
Delta R.T. -0.013 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 6713  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 64.0  | 51.0  | 76.4  |

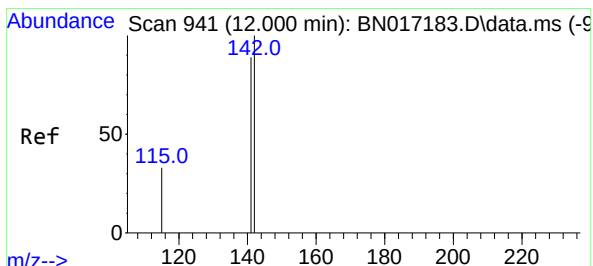
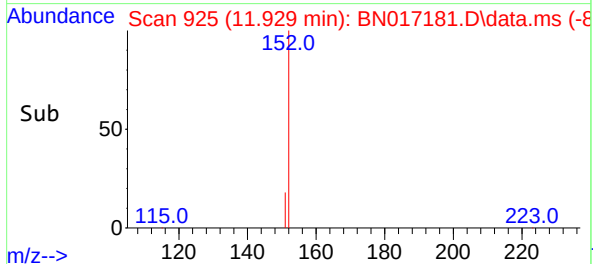
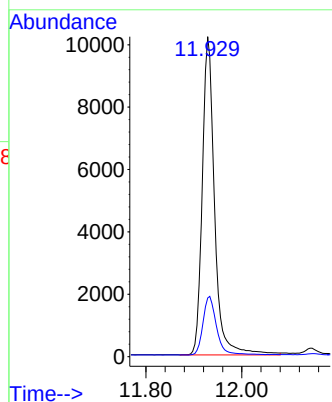
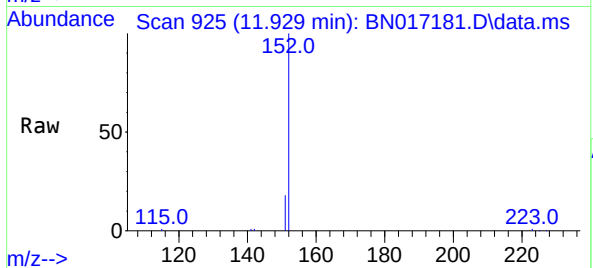




#11  
2-Methylnaphthalene-d10  
Concen: 0.096 ng  
RT: 11.929 min Scan# 925  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

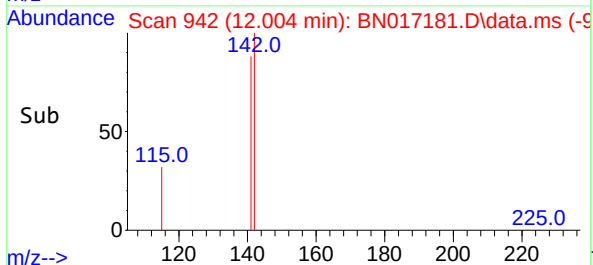
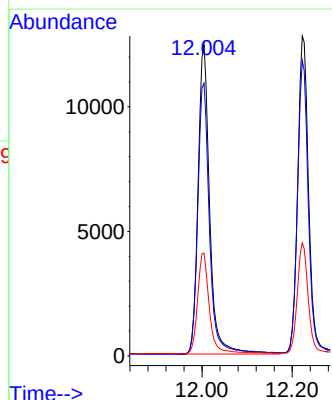
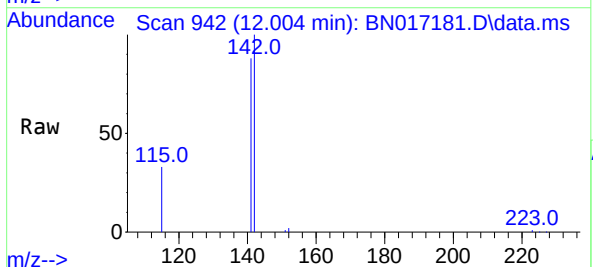
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

Tgt Ion:152 Resp: 18166  
Ion Ratio Lower Upper  
152 100  
151 20.5 15.9 23.9

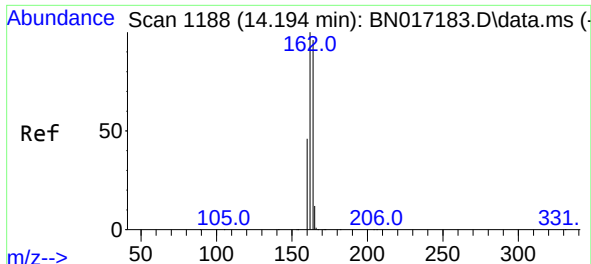


#12  
2-Methylnaphthalene  
Concen: 0.100 ng  
RT: 12.004 min Scan# 942  
Delta R.T. 0.005 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

Tgt Ion:142 Resp: 22318  
Ion Ratio Lower Upper  
142 100  
141 87.6 71.0 106.6  
115 33.0 26.8 40.2



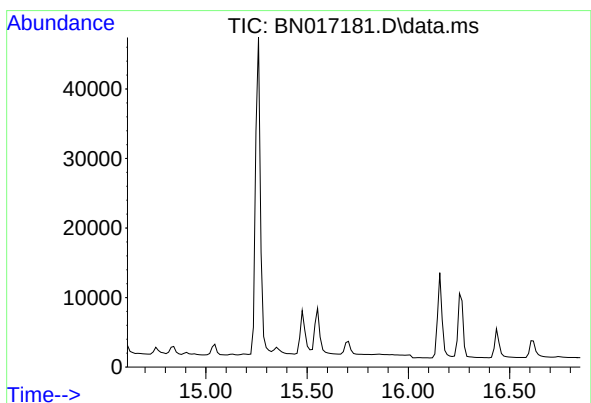
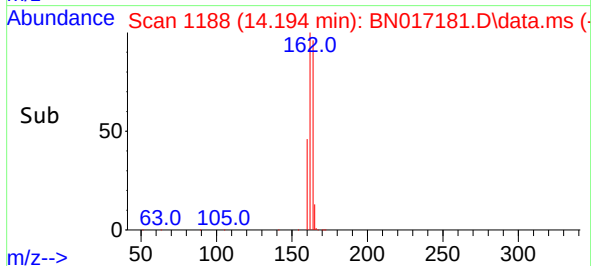
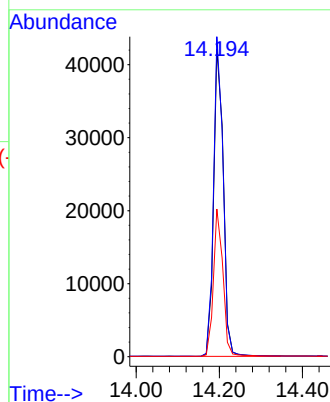
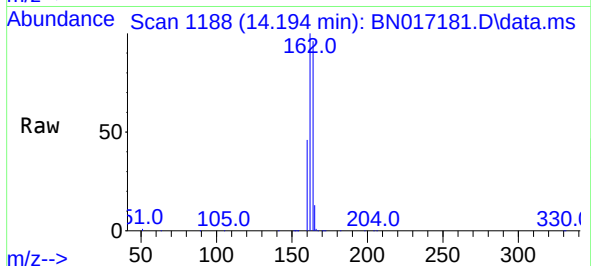




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.194 min Scan# 1188  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

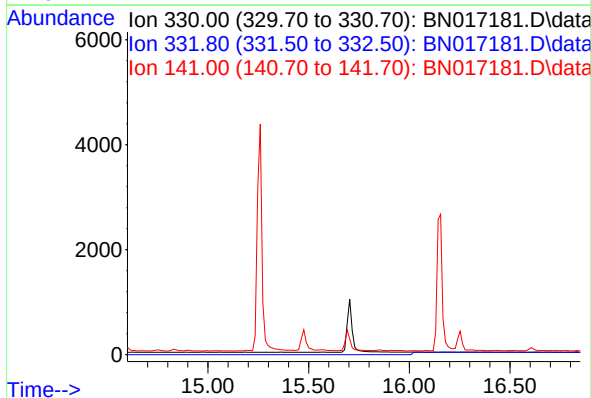
Tgt Ion:164 Resp: 68415  
Ion Ratio Lower Upper  
164 100  
162 103.9 83.6 125.4  
160 48.0 38.3 57.5

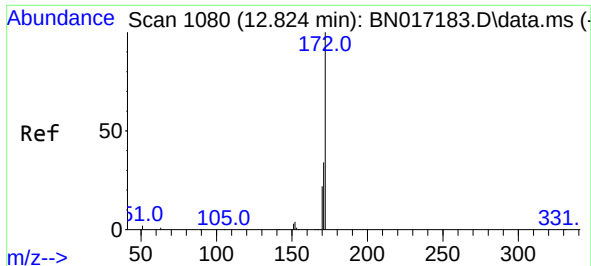


#14  
2,4,6-Tribromophenol  
Concen: 0.000 ng  
Expected RT: 15.70 min

Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

Tgt Ion: 330  
Sig Exp Ratio  
330 100  
332 0.0  
141 38.4

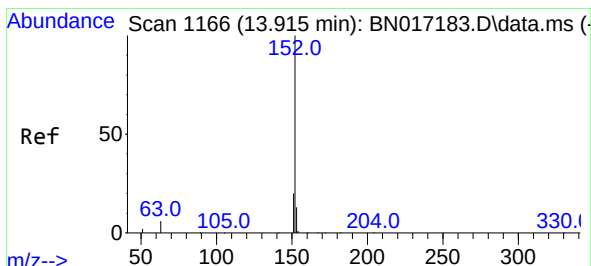
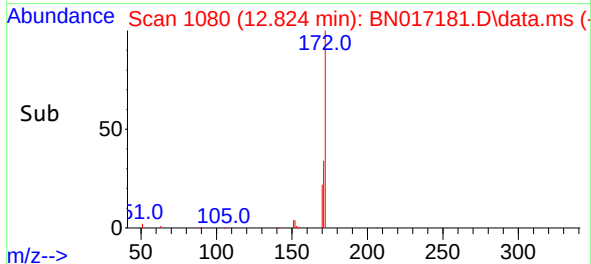
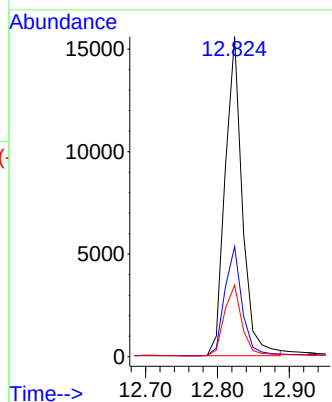
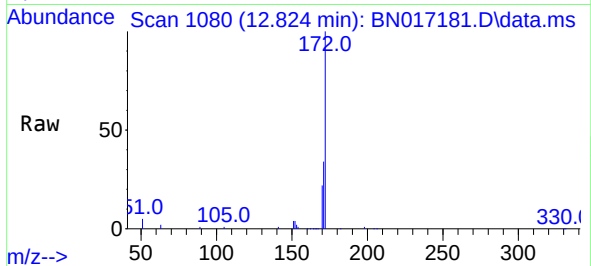




#15  
2-Fluorobiphenyl  
Concen: 0.101 ng  
RT: 12.824 min Scan# 1080  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

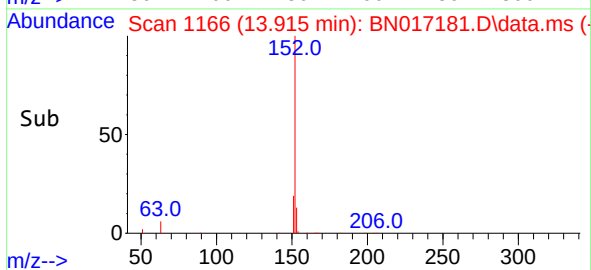
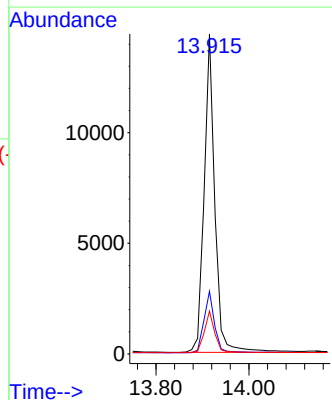
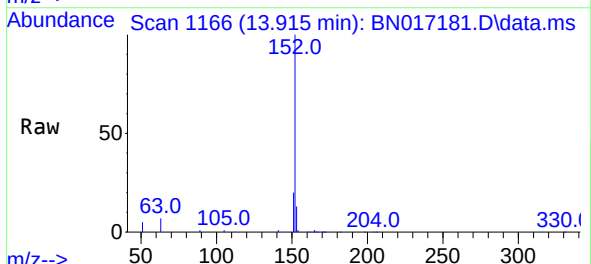
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

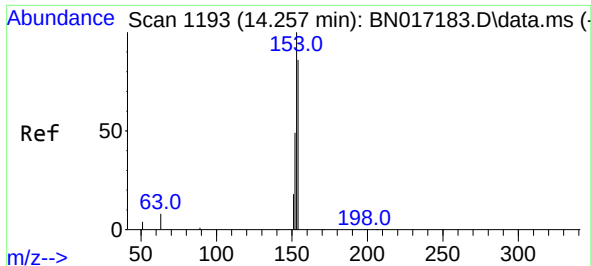
Tgt Ion:172 Resp: 25889  
Ion Ratio Lower Upper  
172 100  
171 34.4 27.0 40.6  
170 22.4 17.5 26.3



#16  
Acenaphthylene  
Concen: 0.083 ng  
RT: 13.915 min Scan# 1166  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

Tgt Ion:152 Resp: 23057  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.6 23.4  
153 12.9 10.4 15.6

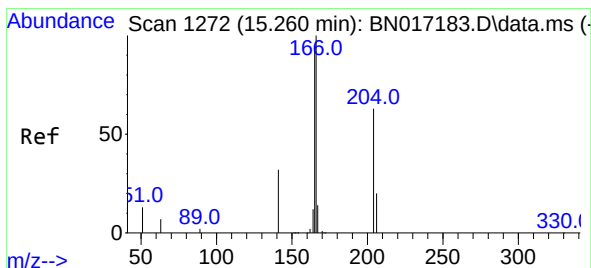
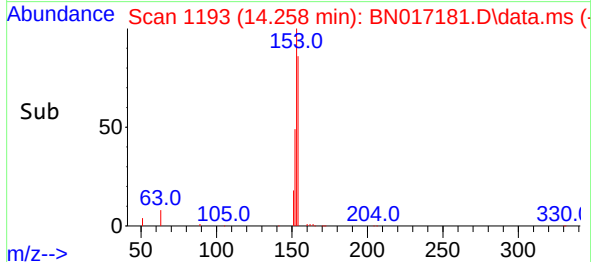
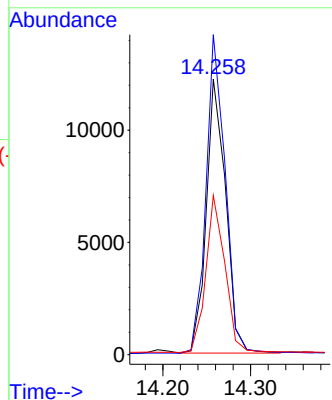
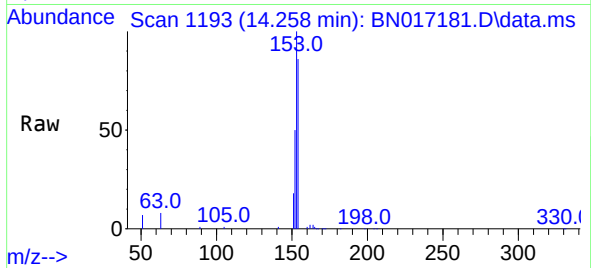




#17  
Acenaphthene  
Concen: 0.099 ng  
RT: 14.258 min Scan# 1193  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

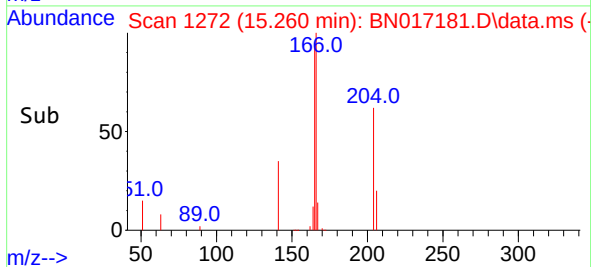
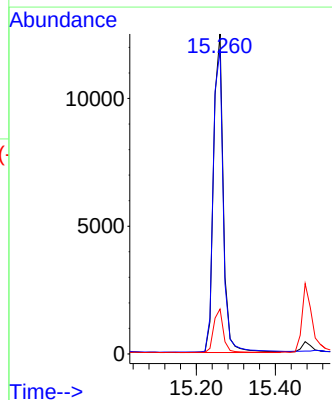
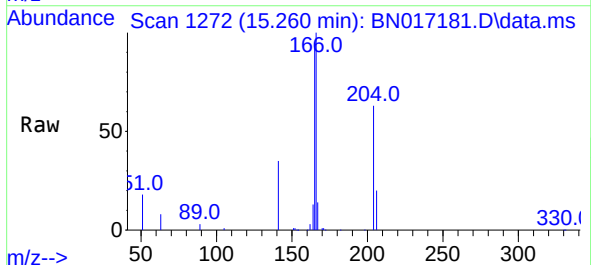
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

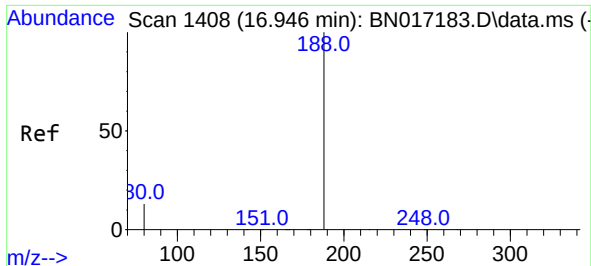
Tgt Ion:154 Resp: 18815  
Ion Ratio Lower Upper  
154 100  
153 114.7 91.1 136.7  
152 56.6 44.4 66.6



#18  
Fluorene  
Concen: 0.094 ng  
RT: 15.260 min Scan# 1272  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

Tgt Ion:166 Resp: 21447  
Ion Ratio Lower Upper  
166 100  
165 97.7 78.4 117.6  
167 13.5 10.8 16.2

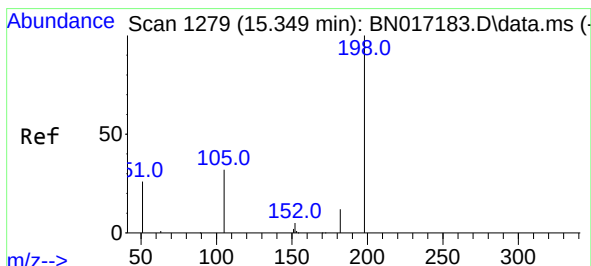
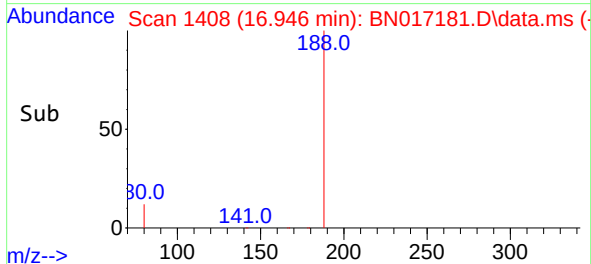
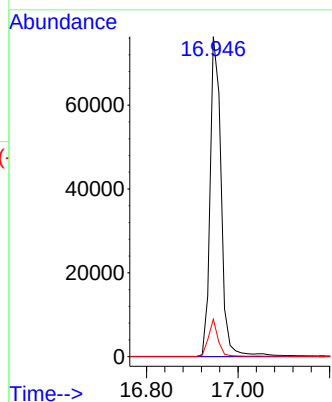
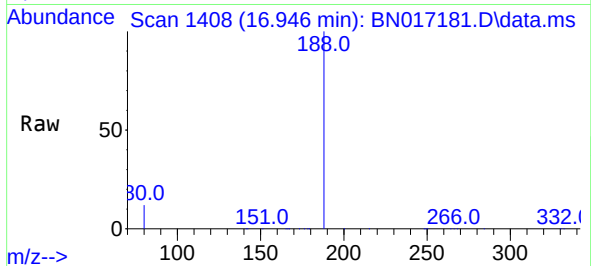




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.946 min Scan# 1408  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

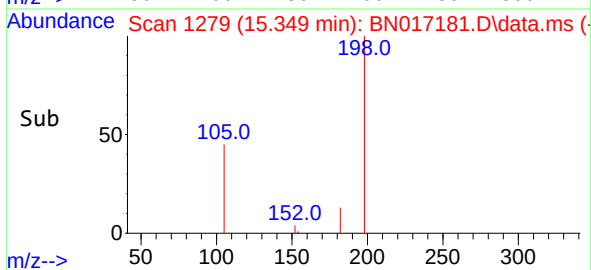
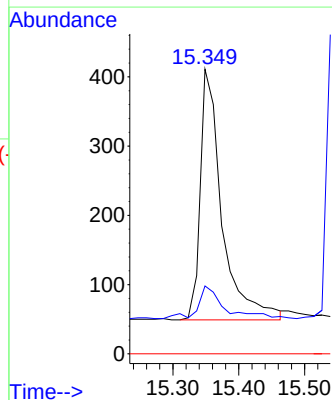
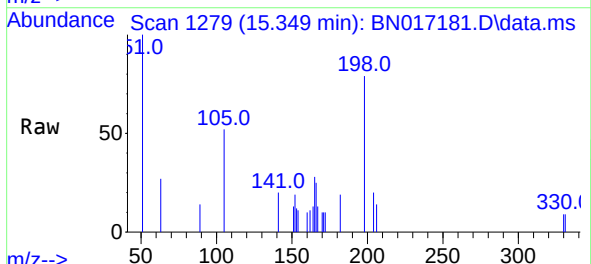
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

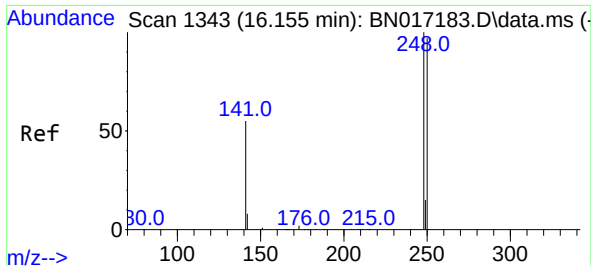
Tgt Ion:188 Resp: 126812  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.7 10.3 15.5



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.062 ng  
RT: 15.349 min Scan# 1279  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

Tgt Ion:198 Resp: 831  
Ion Ratio Lower Upper  
198 100  
182 23.8 11.4 17.2#  
77 0.0 0.0 0.0

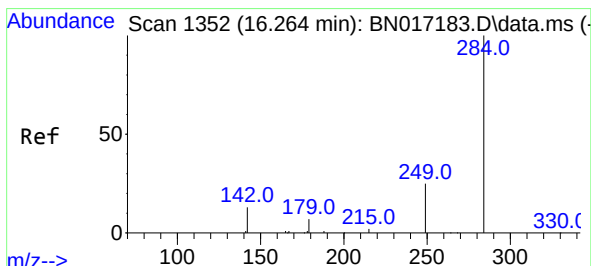
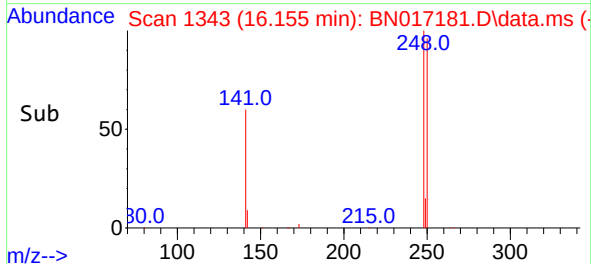
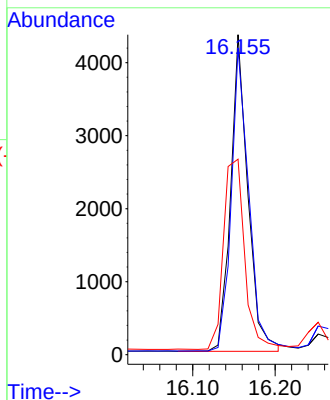
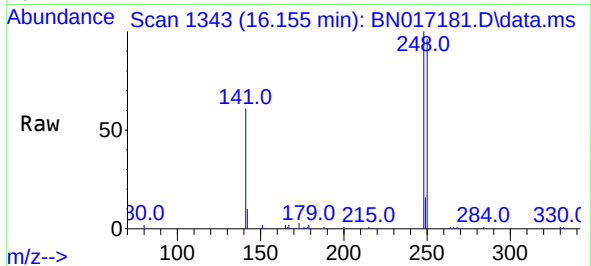




#21  
4-Bromophenyl-phenylether  
Concen: 0.085 ng  
RT: 16.155 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

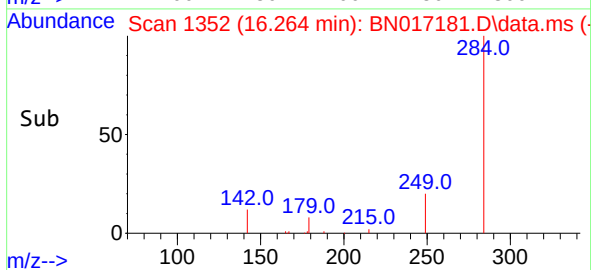
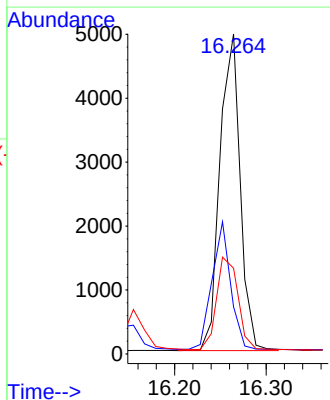
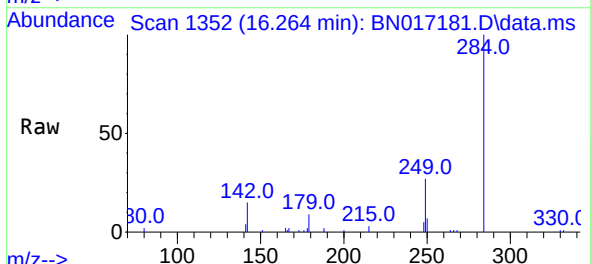
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

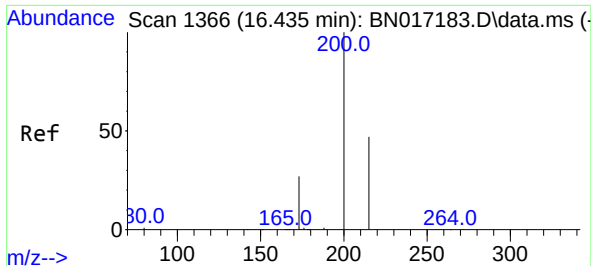
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 248   | Resp: | 6306  |
| Ion      | Ratio | Lower | Upper |
| 248      | 100   |       |       |
| 250      | 95.9  | 77.4  | 116.0 |
| 141      | 61.1  | 44.2  | 66.4  |



#22  
Hexachlorobenzene  
Concen: 0.090 ng  
RT: 16.264 min Scan# 1352  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 284   | Resp: | 7616  |
| Ion      | Ratio | Lower | Upper |
| 284      | 100   |       |       |
| 142      | 36.9  | 29.0  | 43.4  |
| 249      | 30.7  | 24.5  | 36.7  |

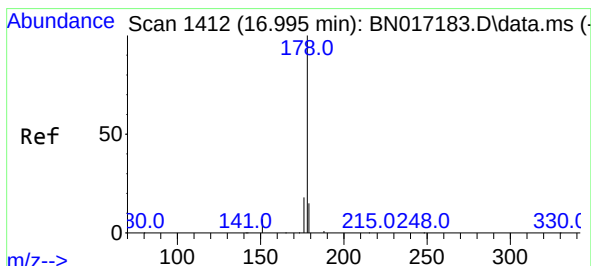
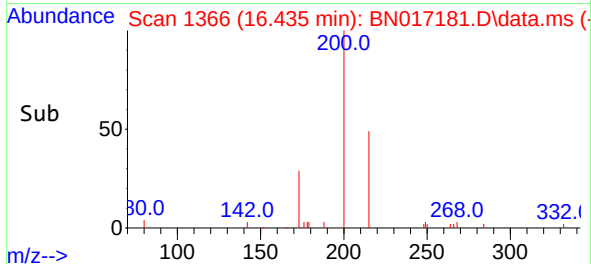
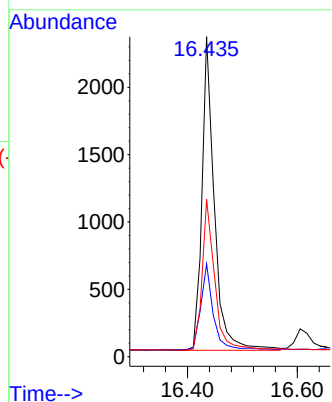
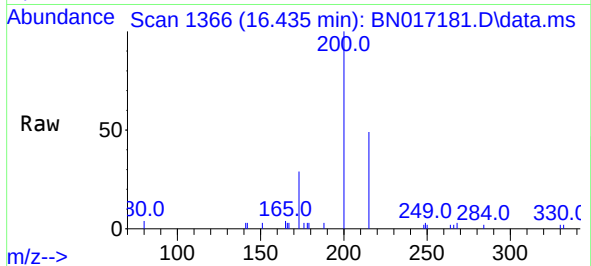




#23  
Atrazine  
Concen: 0.075 ng  
RT: 16.435 min Scan# 1366  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

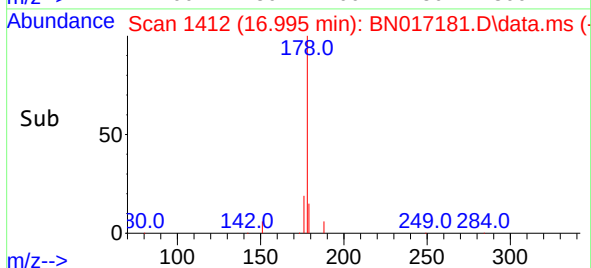
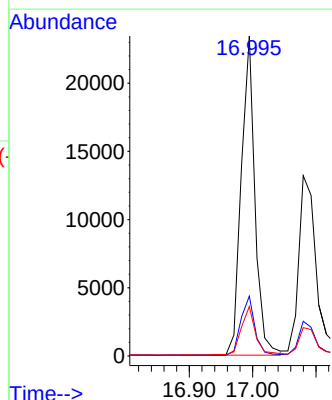
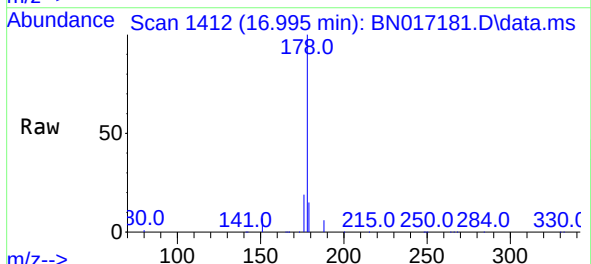
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

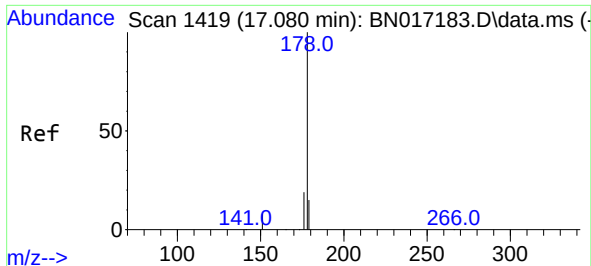
Tgt Ion:200 Resp: 3654  
Ion Ratio Lower Upper  
200 100  
173 29.0 21.7 32.5  
215 49.2 37.8 56.6



#25  
Phenanthrene  
Concen: 0.098 ng  
RT: 16.995 min Scan# 1412  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

Tgt Ion:178 Resp: 35213  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.0 22.4  
179 16.0 12.3 18.5

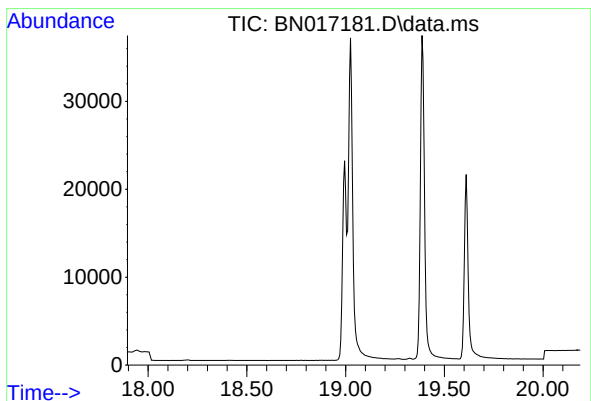
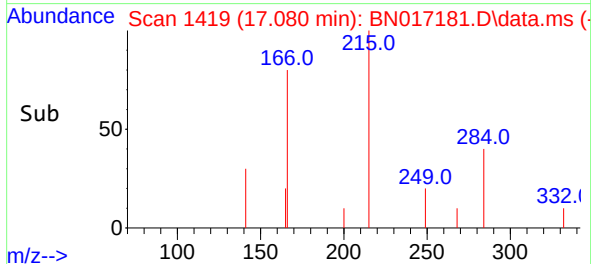
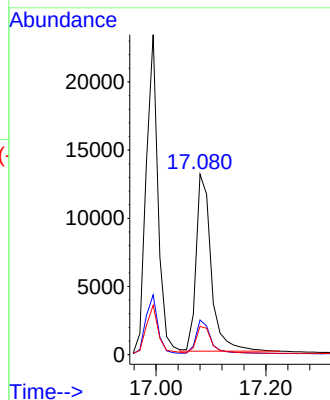
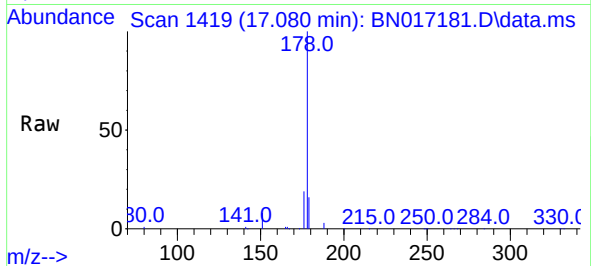




#26  
 Anthracene  
 Concen: 0.082 ng  
 RT: 17.080 min Scan# 1419  
 Delta R.T. 0.000 min  
 Lab File: BN017181.D  
 Acq: 29 Oct 2021 14:56

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.1

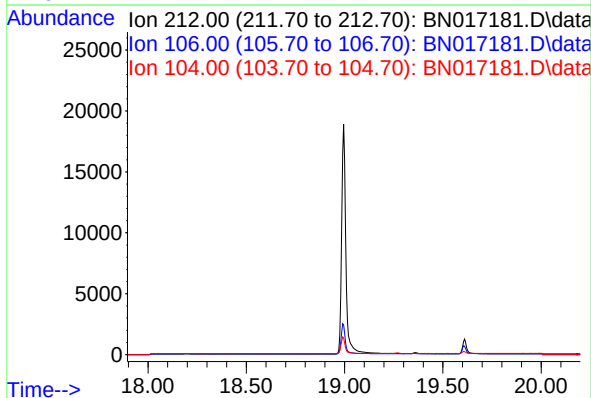
Tgt Ion:178 Resp: 24898  
 Ion Ratio Lower Upper  
 178 100  
 176 18.4 14.8 22.2  
 179 15.7 12.2 18.4

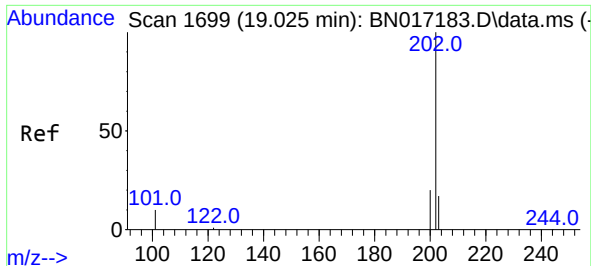


#27  
 Fluoranthene-d10  
 Concen: 0.000 ng  
 Expected RT: 18.99 min

Lab File: BN017181.D  
 Acq: 29 Oct 2021 14:56

Tgt Ion: 212  
 Sig Exp Ratio  
 212 100  
 106 13.2  
 104 7.2

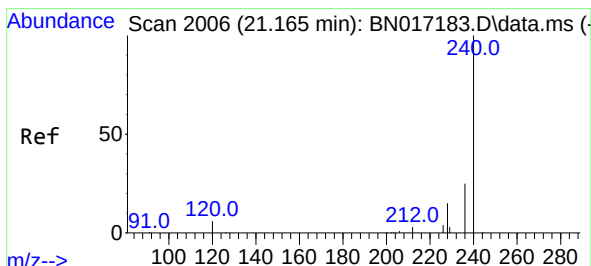
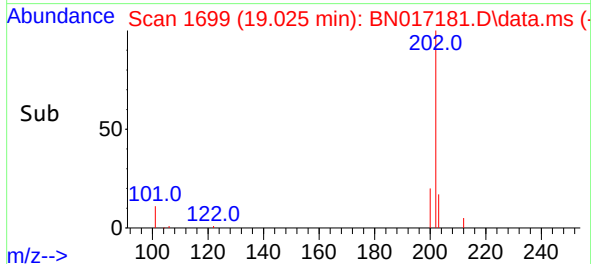
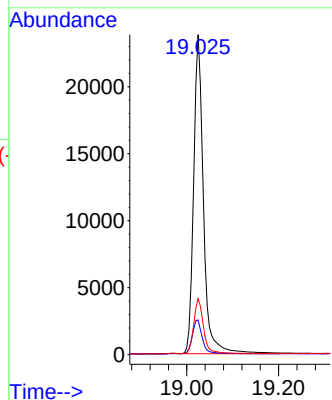
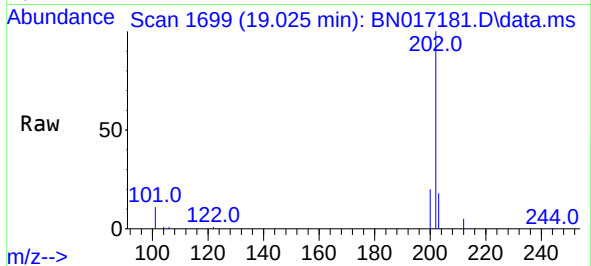




#28  
Fluoranthene  
Concen: 0.091 ng  
RT: 19.025 min Scan# 1699  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

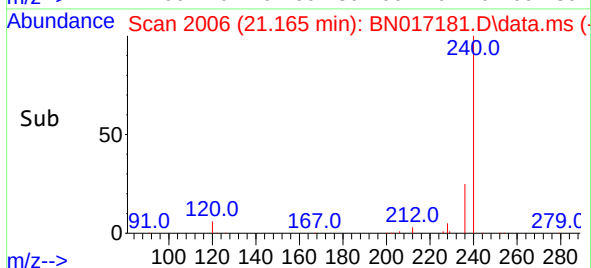
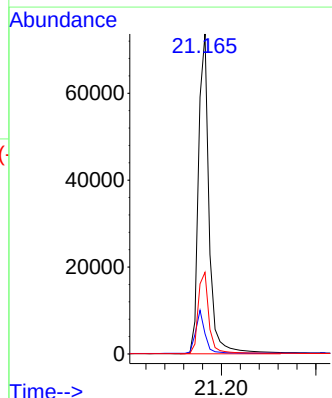
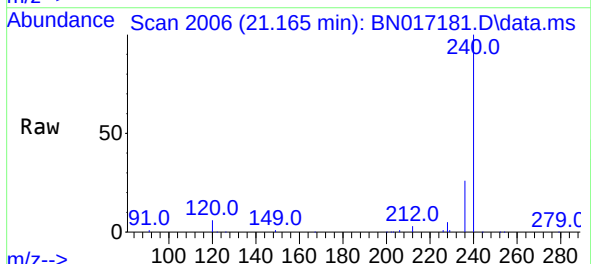
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 35492 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 11.2  | 9.0   | 13.4  |
| 203      | 17.0  | 13.8  | 20.8  |

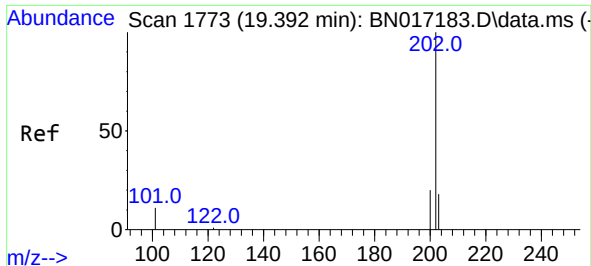


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.165 min Scan# 2006  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 114583 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 6.4   | 5.0   | 7.4    |
| 236      | 25.5  | 20.3  | 30.5   |





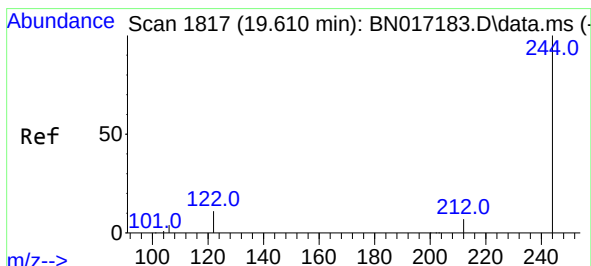
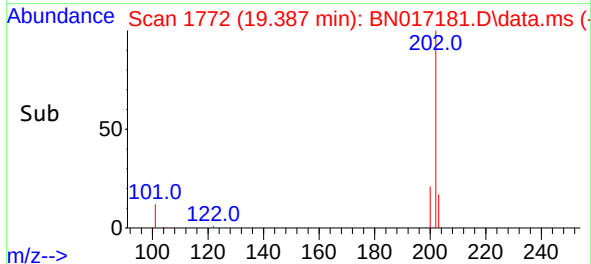
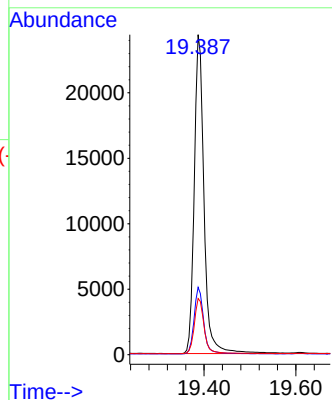
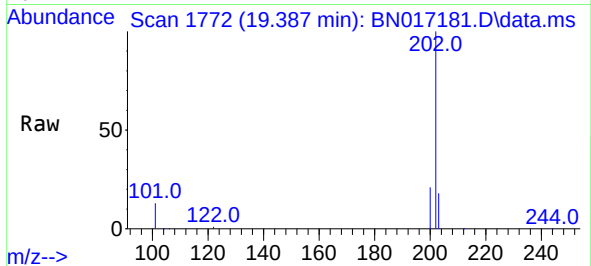


#30  
Pyrene  
Concen: 0.100 ng  
RT: 19.387 min Scan# 1772  
Delta R.T. -0.005 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

Tgt Ion:202 Resp: 36003

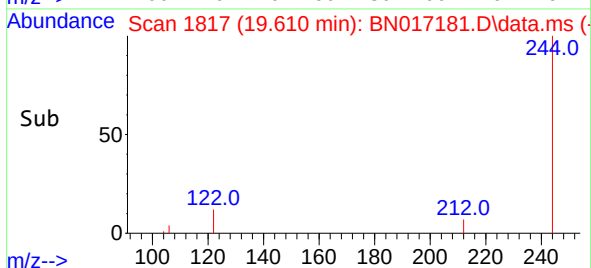
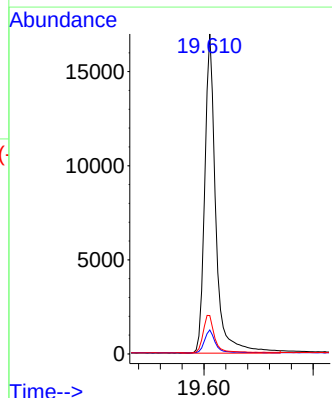
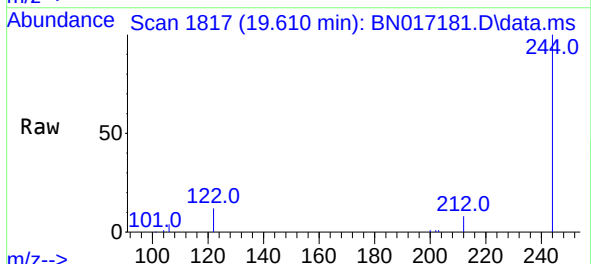
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 20.6  | 16.5  | 24.7  |
| 203 | 17.5  | 14.0  | 21.0  |

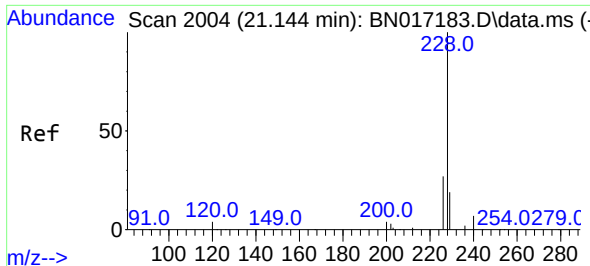


#31  
Terphenyl-d14  
Concen: 0.095 ng  
RT: 19.610 min Scan# 1817  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

Tgt Ion:244 Resp: 24014

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.5   | 5.8   | 8.6   |
| 122 | 12.0  | 9.2   | 13.8  |



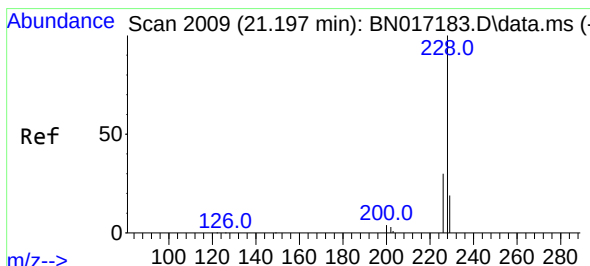
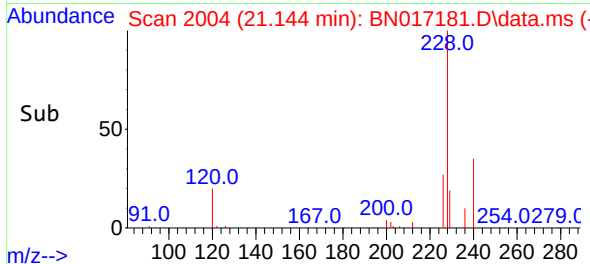
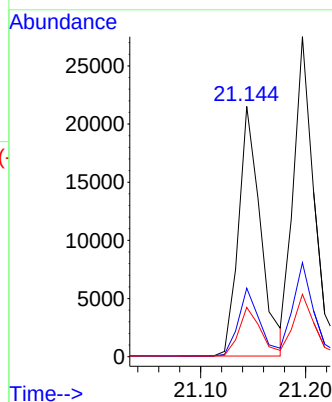
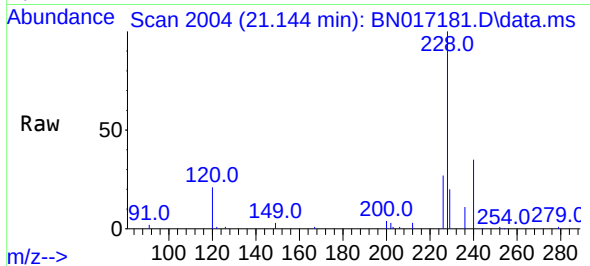


#32  
Benzo(a)anthracene  
Concen: 0.092 ng  
RT: 21.144 min Scan# 2004  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

Tgt Ion:228 Resp: 31301

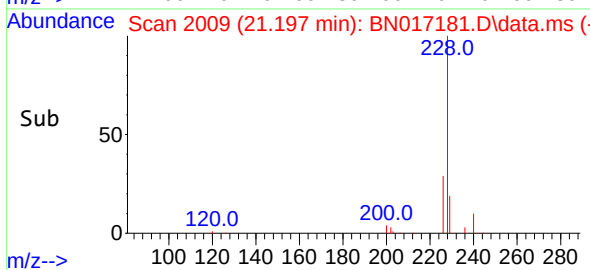
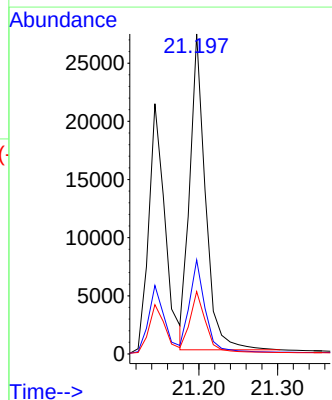
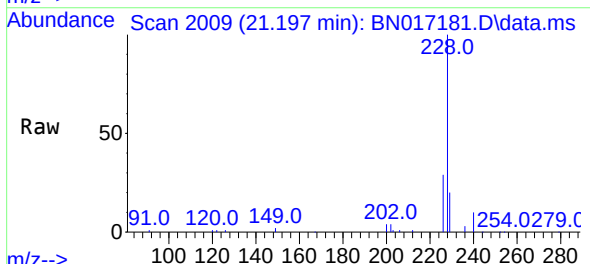
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.4  | 21.9  | 32.9  |
| 229 | 19.7  | 15.4  | 23.2  |

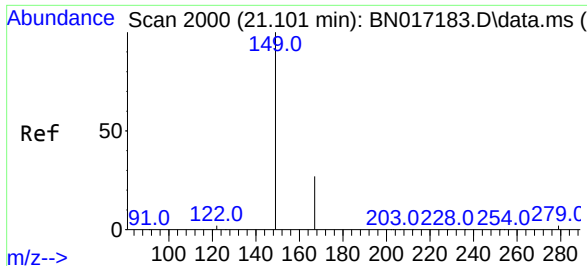


#33  
Chrysene  
Concen: 0.100 ng  
RT: 21.197 min Scan# 2009  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

Tgt Ion:228 Resp: 37386

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.4  | 23.6  | 35.4  |
| 229 | 19.5  | 15.5  | 23.3  |



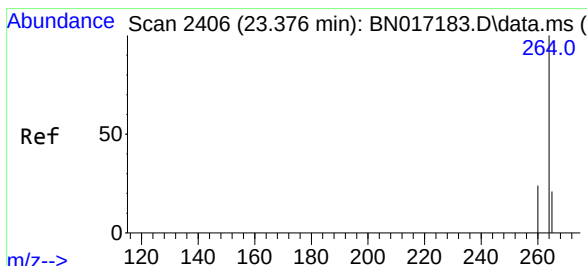
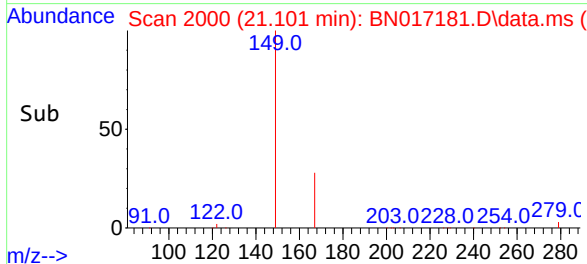
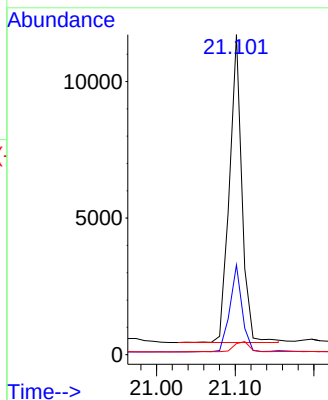
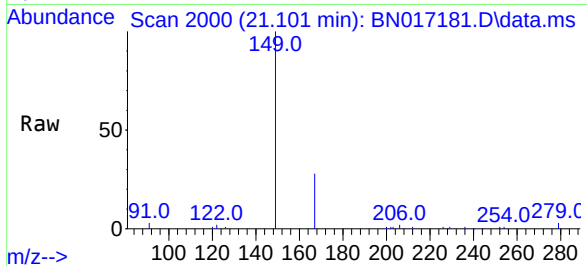


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.085 ng  
RT: 21.101 min Scan# 2000  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

Tgt Ion:149 Resp: 12398

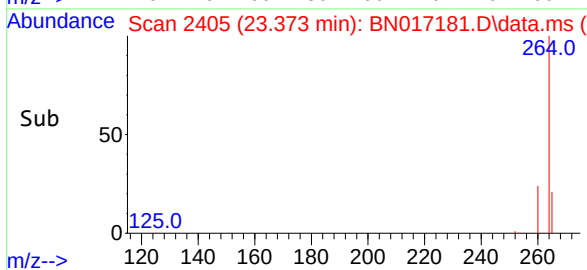
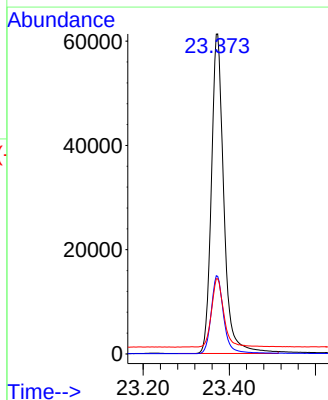
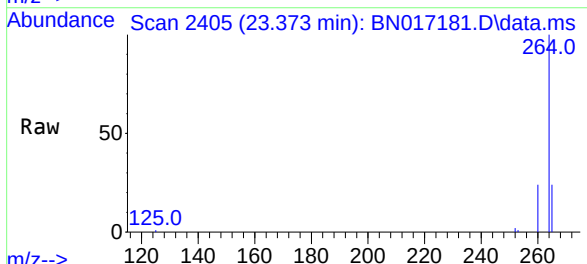
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.8  | 21.6  | 32.4  |
| 279 | 4.3   | 3.2   | 4.8   |

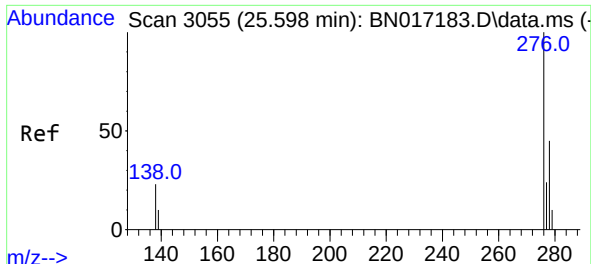


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.373 min Scan# 2405  
Delta R.T. -0.003 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

Tgt Ion:264 Resp: 123670

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.2  | 19.4  | 29.0  |
| 265 | 23.5  | 18.2  | 27.4  |

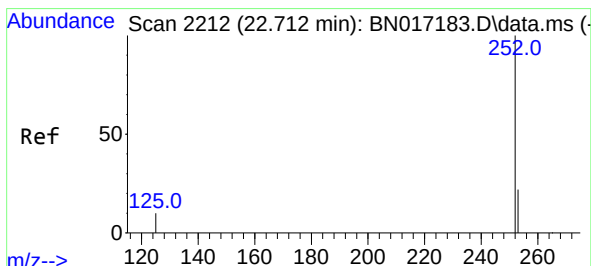
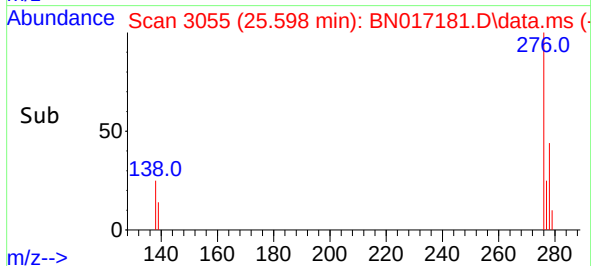
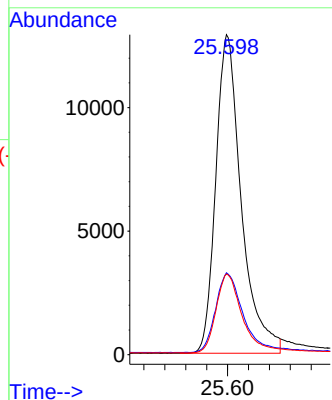
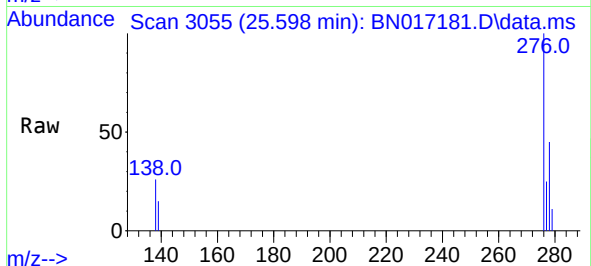




#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.104 ng  
RT: 25.598 min Scan# 3055  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

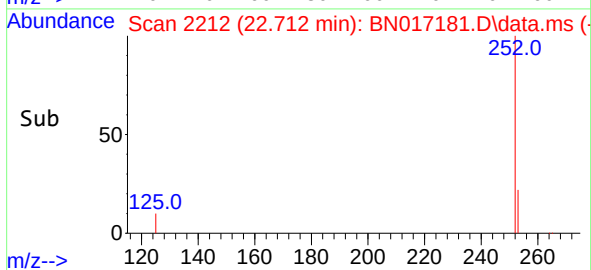
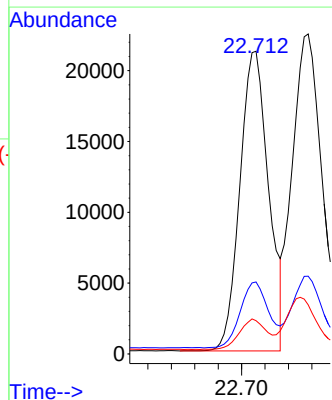
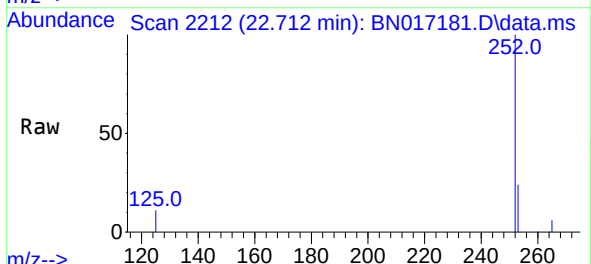
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

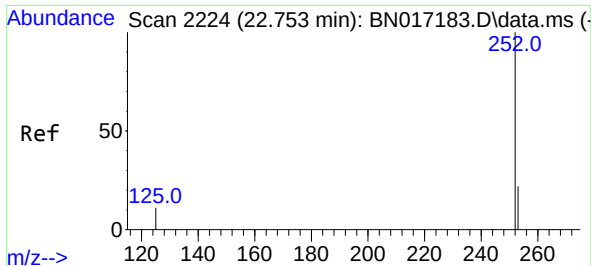
Tgt Ion:276 Resp: 43707  
Ion Ratio Lower Upper  
276 100  
138 26.7 20.4 30.6  
277 25.2 20.0 30.0



#37  
Benzo(b)fluoranthene  
Concen: 0.089 ng  
RT: 22.712 min Scan# 2212  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

Tgt Ion:252 Resp: 35966  
Ion Ratio Lower Upper  
252 100  
253 23.8 17.5 26.3  
125 11.0 7.9 11.9

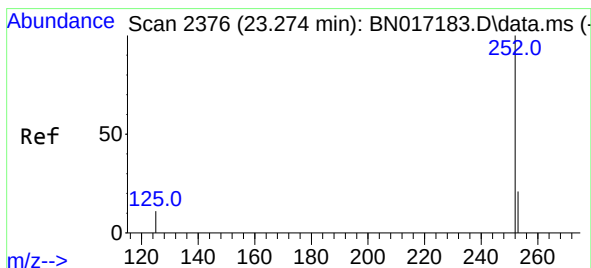
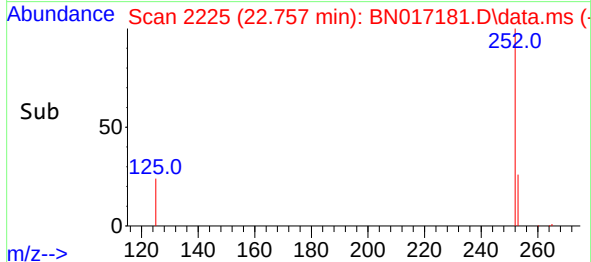
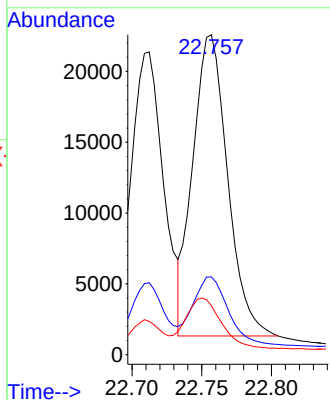
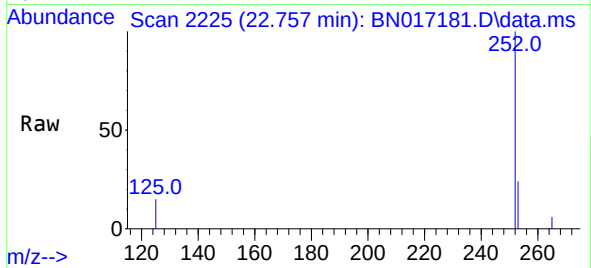




#38  
Benzo(k)fluoranthene  
Concen: 0.092 ng  
RT: 22.757 min Scan# 2225  
Delta R.T. 0.004 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

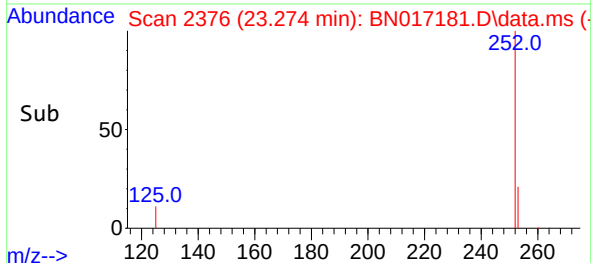
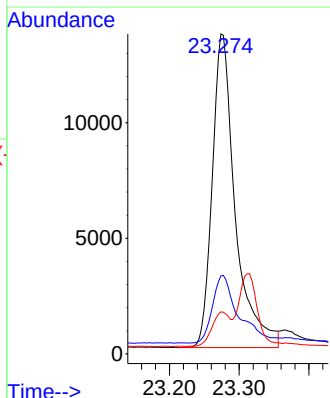
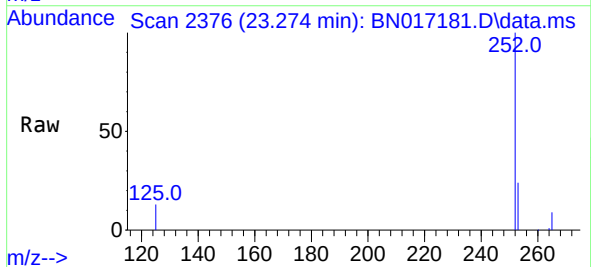
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

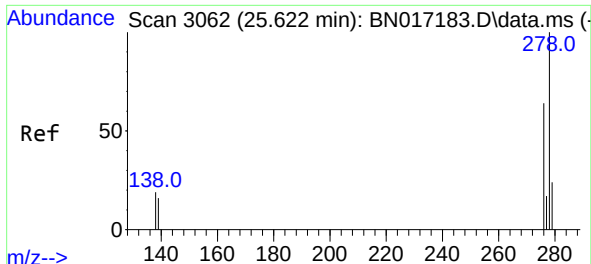
Tgt Ion:252 Resp: 36963  
Ion Ratio Lower Upper  
252 100  
253 24.3 17.6 26.4  
125 15.4 9.2 13.8#



#39  
Benzo(a)pyrene  
Concen: 0.088 ng  
RT: 23.274 min Scan# 2376  
Delta R.T. 0.000 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

Tgt Ion:252 Resp: 31121  
Ion Ratio Lower Upper  
252 100  
253 24.4 17.6 26.4  
125 13.2 9.1 13.7

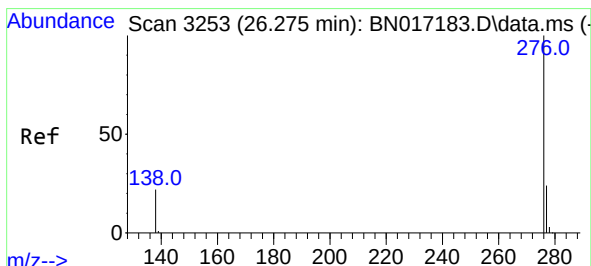
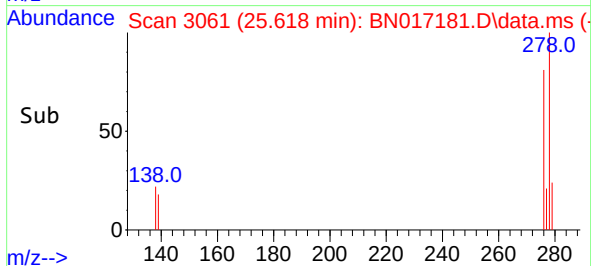
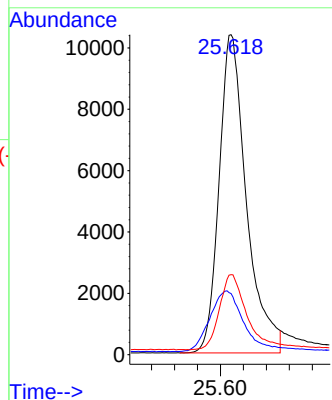
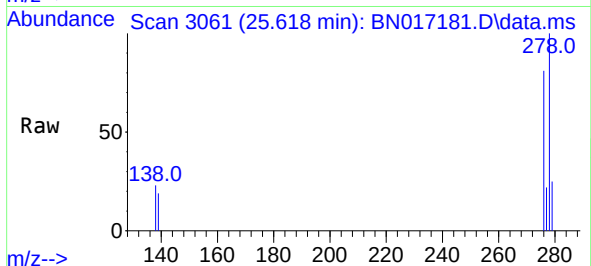




#40  
Dibenzo(a,h)anthracene  
Concen: 0.102 ng  
RT: 25.618 min Scan# 3061  
Delta R.T. -0.003 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

Tgt Ion:278 Resp: 34274  
Ion Ratio Lower Upper  
278 100  
139 19.1 13.2 19.8  
279 25.0 19.0 28.6



#41  
Benzo(g,h,i)perylene  
Concen: 0.103 ng  
RT: 26.272 min Scan# 3252  
Delta R.T. -0.003 min  
Lab File: BN017181.D  
Acq: 29 Oct 2021 14:56

Tgt Ion:276 Resp: 38699  
Ion Ratio Lower Upper  
276 100  
277 24.0 19.0 28.4  
138 22.2 17.4 26.0

