

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040722\  
 Data File : BN019383.D  
 Acq On : 07 Apr 2022 19:05  
 Operator : CG/JU  
 Sample : PB143945BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB143945BS

Quant Time: Apr 08 06:17:37 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN040422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 04 17:40:00 2022  
 Response via : Initial Calibration

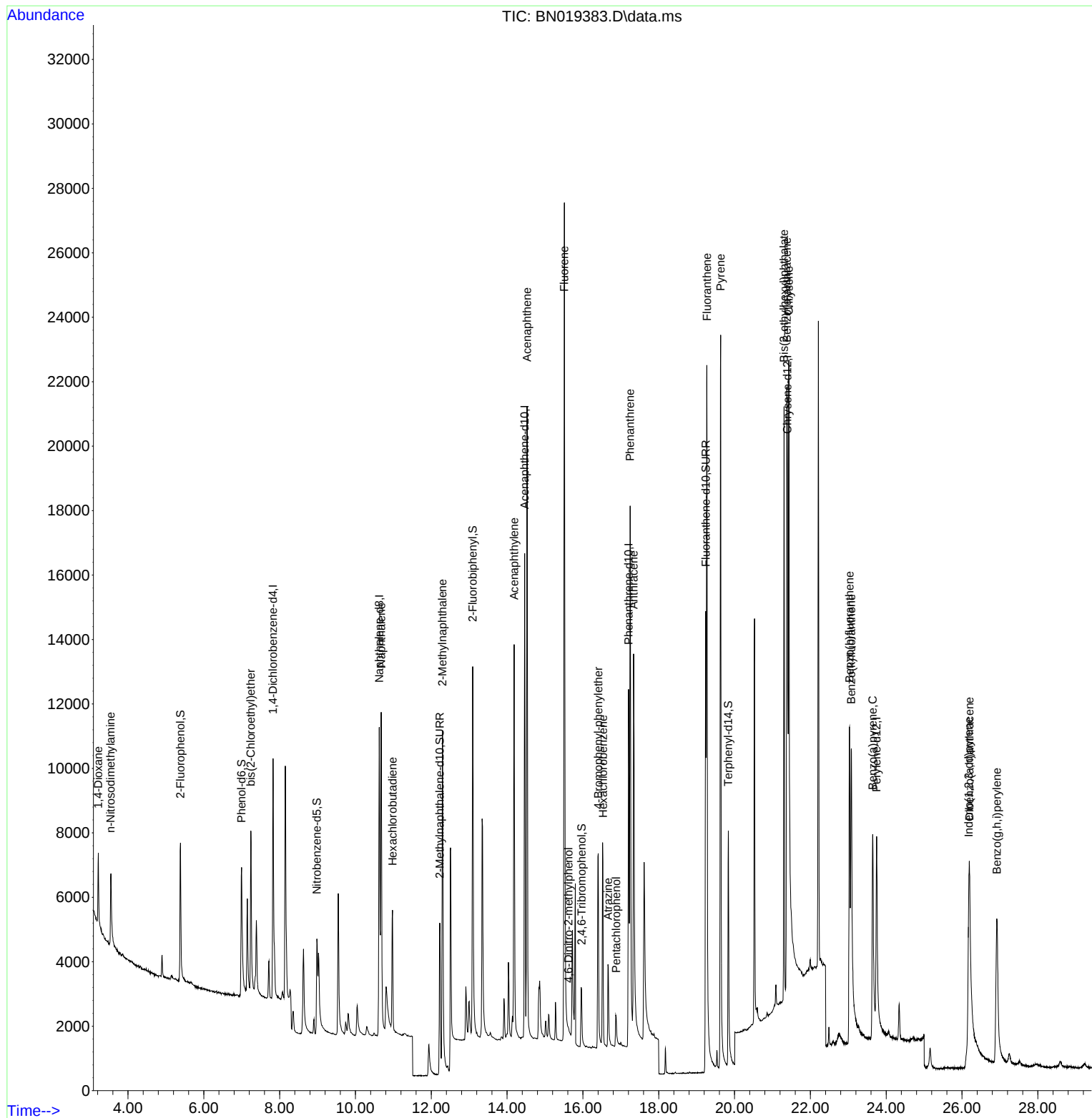
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.825  | 152  | 4164     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.626 | 136  | 13921    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.463 | 164  | 8713     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.205 | 188  | 17518    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.395 | 240  | 14069    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.746 | 264  | 10967    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.384  | 112  | 4015     | 0.360 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.995  | 99   | 4786     | 0.357 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.982  | 82   | 3758     | 0.297 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.223 | 152  | 8186     | 0.335 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.964 | 330  | 1414     | 0.267 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 13.095 | 172  | 11995    | 0.331 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.240 | 212  | 19229    | 0.341 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.834 | 244  | 11400    | 0.373 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.218  | 88   | 1359     | 0.273 | ng    | 95       |
| 3) n-Nitrosodimethylamine     | 3.543  | 42   | 1825     | 0.277 | ng    | 97       |
| 6) bis(2-Chloroethyl)ether    | 7.240  | 93   | 4298     | 0.318 | ng    | 97       |
| 9) Naphthalene                | 10.680 | 128  | 14208    | 0.346 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.979 | 225  | 3307     | 0.370 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.295 | 142  | 9526     | 0.334 | ng    | 98       |
| 16) Acenaphthylene            | 14.185 | 152  | 14621    | 0.338 | ng    | 99       |
| 17) Acenaphthene              | 14.527 | 154  | 9800     | 0.341 | ng    | 99       |
| 18) Fluorene                  | 15.511 | 166  | 12276    | 0.323 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.618 | 198  | 99       | 0.031 | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 16.405 | 248  | 3826     | 0.324 | ng    | 97       |
| 22) Hexachlorobenzene         | 16.528 | 284  | 5015     | 0.363 | ng    | 99       |
| 23) Atrazine                  | 16.661 | 200  | 2826     | 0.290 | ng    | 97       |
| 24) Pentachlorophenol         | 16.877 | 266  | 771      | 0.144 | ng    | 98       |
| 25) Phenanthrene              | 17.246 | 178  | 19200    | 0.327 | ng    | 100      |
| 26) Anthracene                | 17.338 | 178  | 16406    | 0.317 | ng    | 99       |
| 28) Fluoranthene              | 19.270 | 202  | 23591    | 0.338 | ng    | 99       |
| 30) Pyrene                    | 19.632 | 202  | 24615    | 0.376 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.378 | 228  | 16756    | 0.322 | ng    | 99       |
| 33) Chrysene                  | 21.431 | 228  | 19409    | 0.336 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.306 | 149  | 15561    | 0.402 | ng    | # 99     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.179 | 276  | 13194    | 0.287 | ng    | 96       |
| 37) Benzo(b)fluoranthene      | 23.033 | 252  | 13694m   | 0.319 | ng    |          |
| 38) Benzo(k)fluoranthene      | 23.080 | 252  | 14284    | 0.318 | ng    | 96       |
| 39) Benzo(a)pyrene            | 23.644 | 252  | 12642    | 0.327 | ng    | # 74     |
| 40) Dibenzo(a,h)anthracene    | 26.197 | 278  | 10243    | 0.288 | ng    | # 89     |
| 41) Benzo(g,h,i)perylene      | 26.919 | 276  | 13366    | 0.314 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

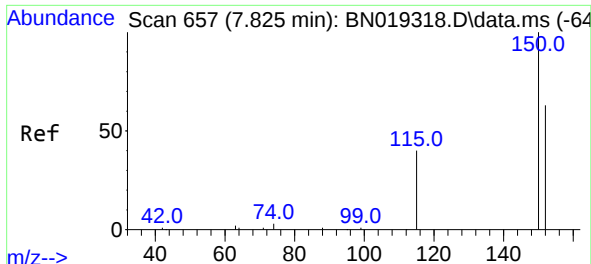
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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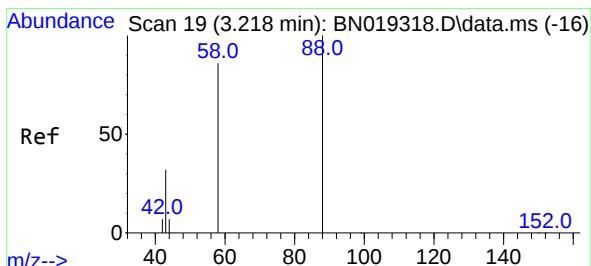
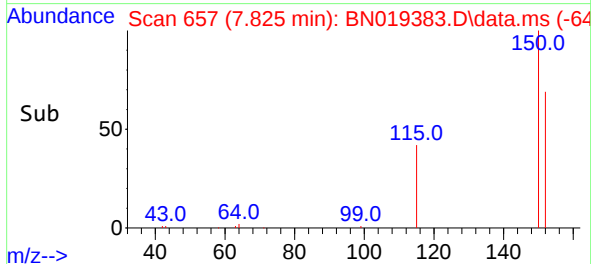
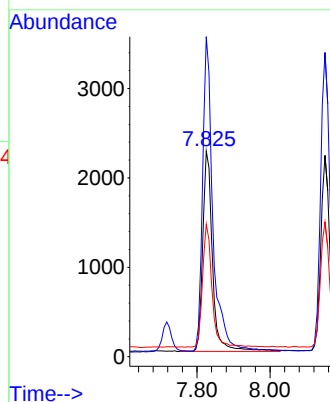
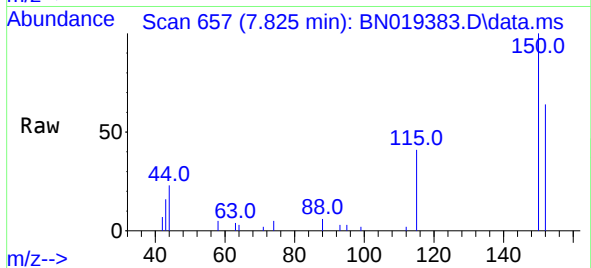


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.825 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN019383.D  
 Acq: 07 Apr 2022 19:05

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB143945BS

Tgt Ion:152 Resp: 4164

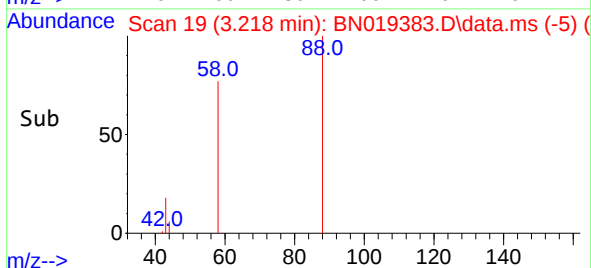
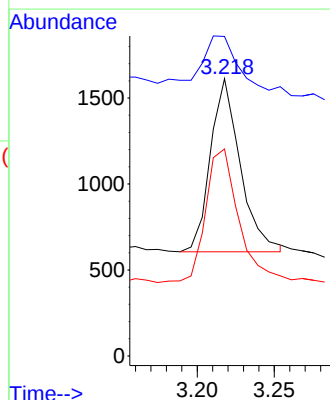
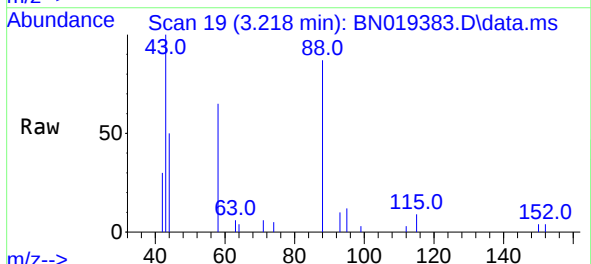
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 155.7 | 123.9 | 185.9 |
| 115 | 64.5  | 48.2  | 72.4  |

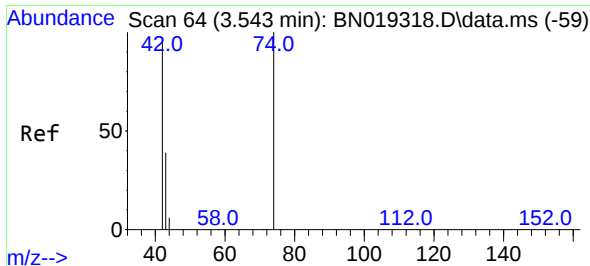


#2  
 1,4-Dioxane  
 Concen: 0.273 ng  
 RT: 3.218 min Scan# 19  
 Delta R.T. 0.000 min  
 Lab File: BN019383.D  
 Acq: 07 Apr 2022 19:05

Tgt Ion: 88 Resp: 1359

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 35.0  | 24.6  | 37.0  |
| 58  | 85.4  | 65.4  | 98.2  |

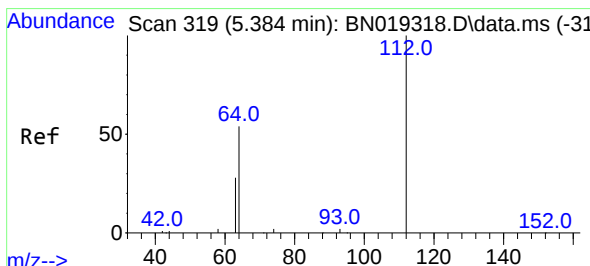
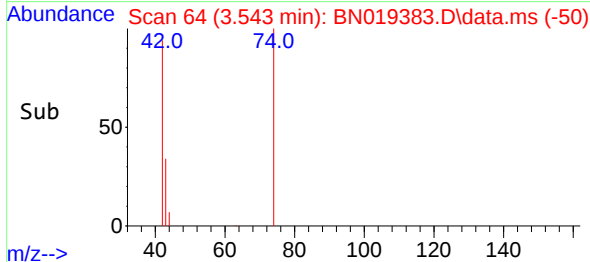
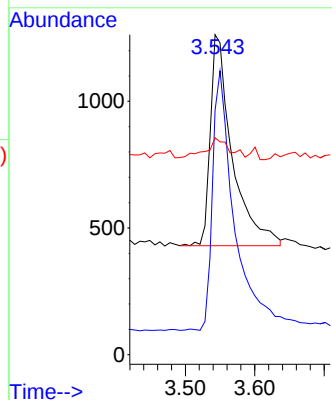
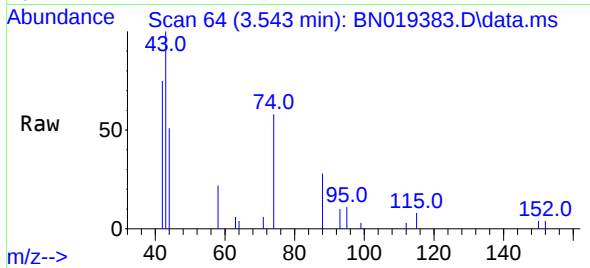




#3  
n-Nitrosodimethylamine  
Concen: 0.277 ng  
RT: 3.543 min Scan# 64  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

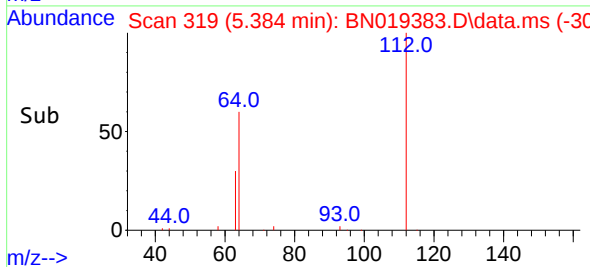
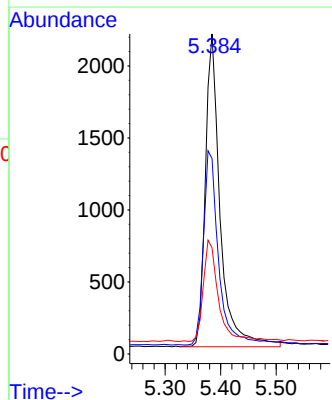
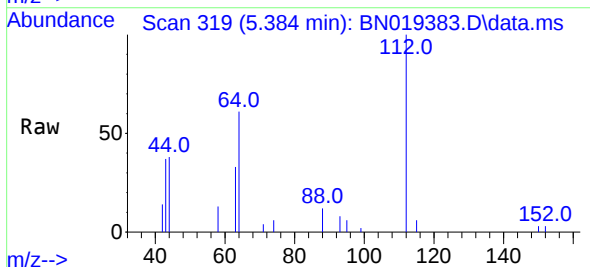
Instrument :  
BNA\_N  
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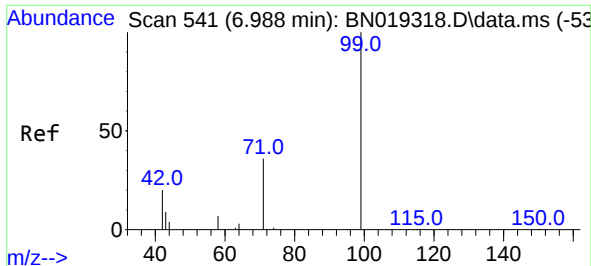
Tgt Ion: 42 Resp: 1825  
Ion Ratio Lower Upper  
42 100  
74 123.8 96.9 145.3  
44 10.4 7.3 10.9



#4  
2-Fluorophenol  
Concen: 0.360 ng  
RT: 5.384 min Scan# 319  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

Tgt Ion: 112 Resp: 4015  
Ion Ratio Lower Upper  
112 100  
64 64.3 47.8 71.8  
63 33.8 25.7 38.5

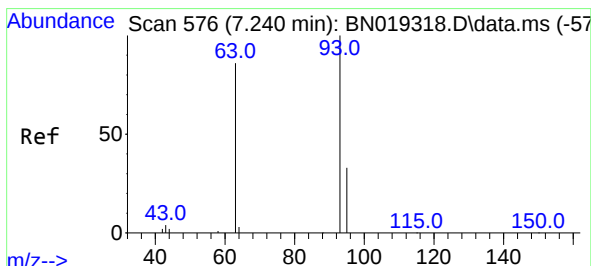
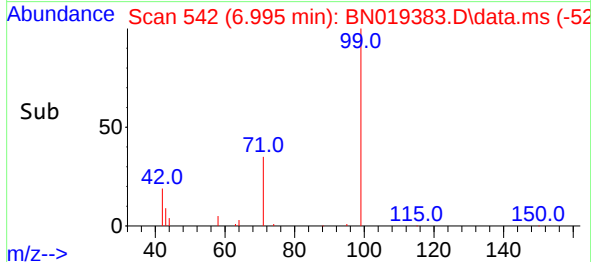
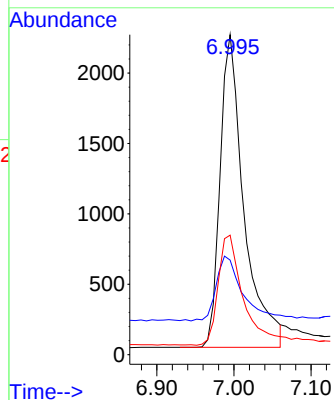
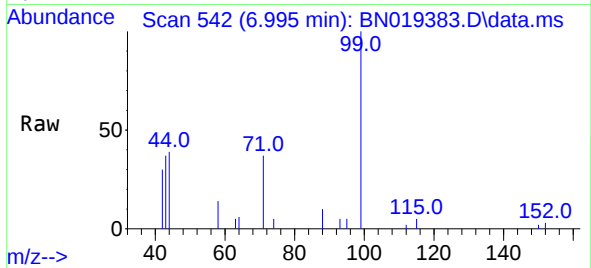




#5  
Phenol-d6  
Concen: 0.357 ng  
RT: 6.995 min Scan# 541  
Delta R.T. 0.007 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

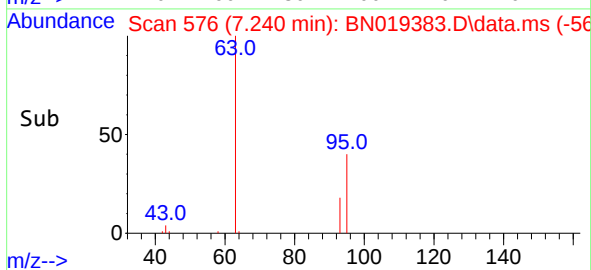
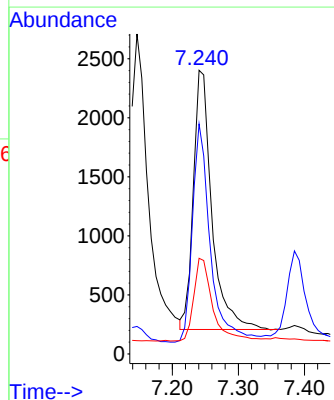
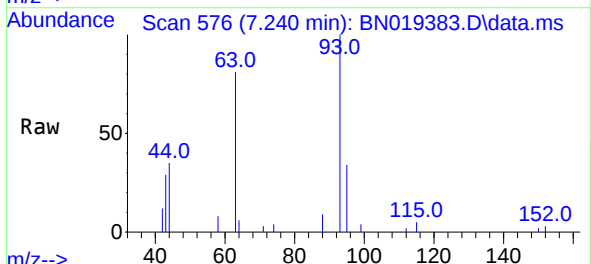
Instrument :  
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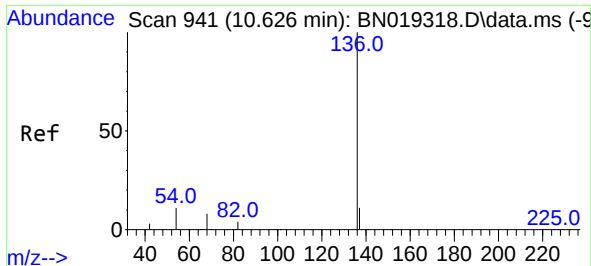
Tgt Ion: 99 Resp: 4786  
Ion Ratio Lower Upper  
99 100  
42 22.6 16.2 24.4  
71 36.8 27.7 41.5



#6  
bis(2-Chloroethyl)ether  
Concen: 0.318 ng  
RT: 7.240 min Scan# 576  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

Tgt Ion: 93 Resp: 4298  
Ion Ratio Lower Upper  
93 100  
63 81.4 62.8 94.2  
95 32.5 26.2 39.4

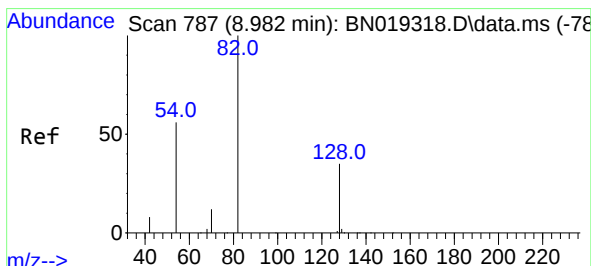
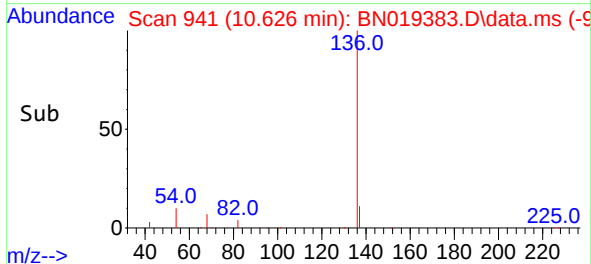
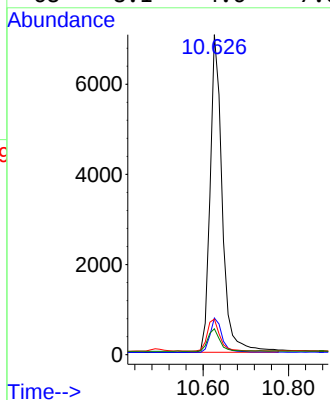
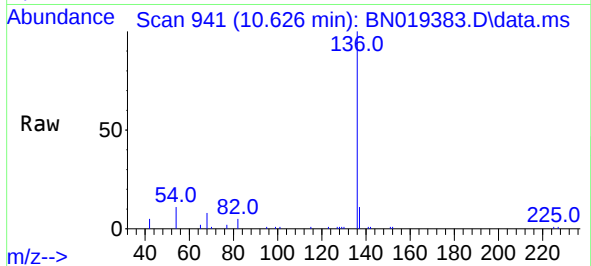




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.626 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

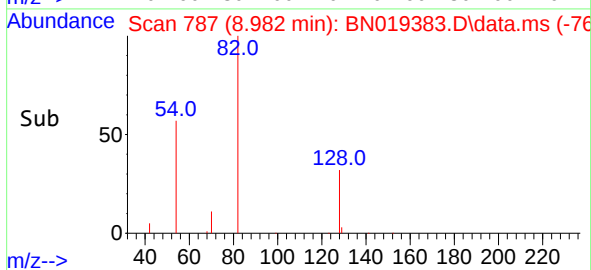
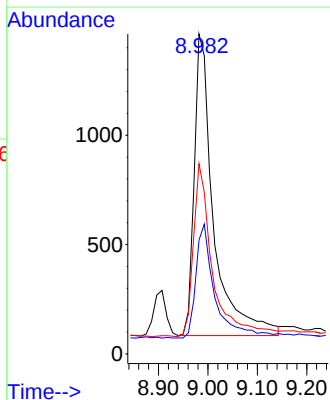
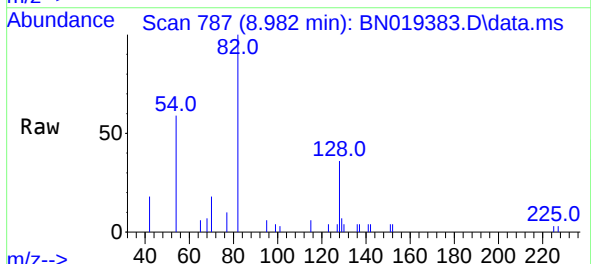
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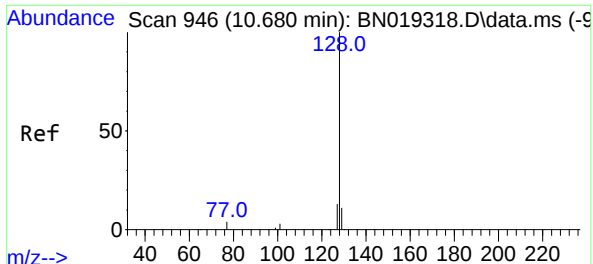
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 13921 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.4  | 9.0   | 13.4  |
| 54       | 11.1  | 5.8   | 8.6#  |
| 68       | 8.1   | 4.6   | 7.0#  |



#8  
Nitrobenzene-d5  
Concen: 0.297 ng  
RT: 8.982 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 3758  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 35.5  | 33.0  | 49.6  |
| 54       | 59.5  | 42.5  | 63.7  |

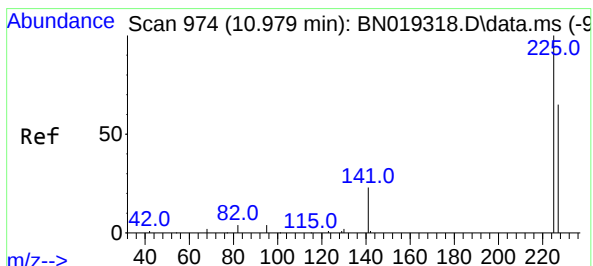
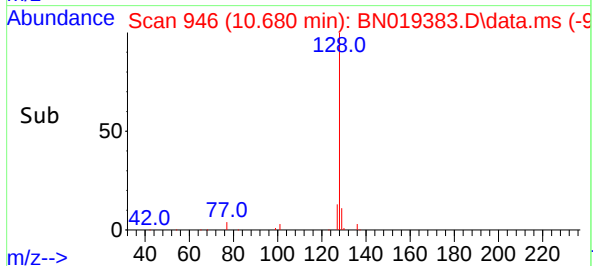
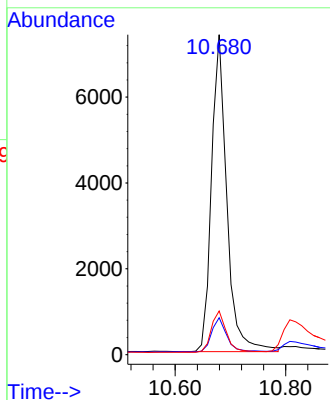
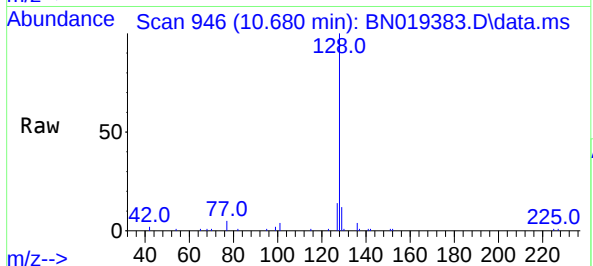




#9  
Naphthalene  
Concen: 0.346 ng  
RT: 10.680 min Scan# 946  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

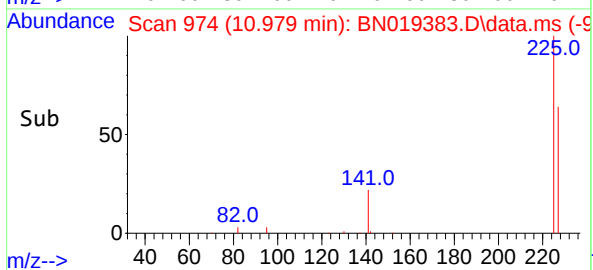
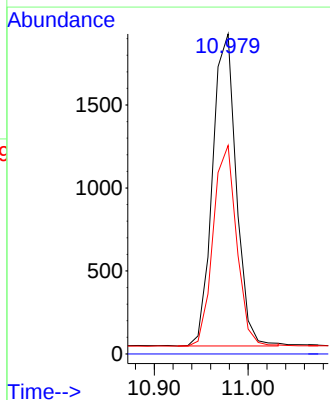
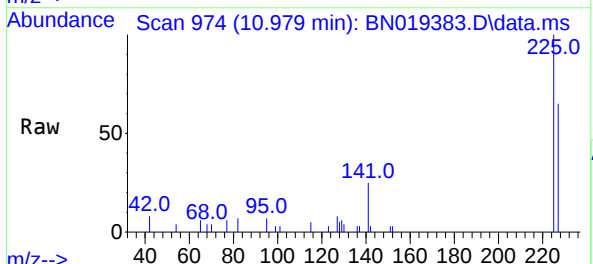
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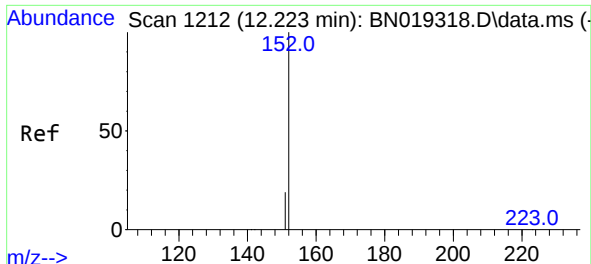
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| Tgt Ion: | 128   | Resp: | 14208 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.5  | 9.0   | 13.4  |
| 127      | 13.6  | 10.7  | 16.1  |



#10  
Hexachlorobutadiene  
Concen: 0.370 ng  
RT: 10.979 min Scan# 974  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 3307  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 63.6  | 51.0  | 76.6  |

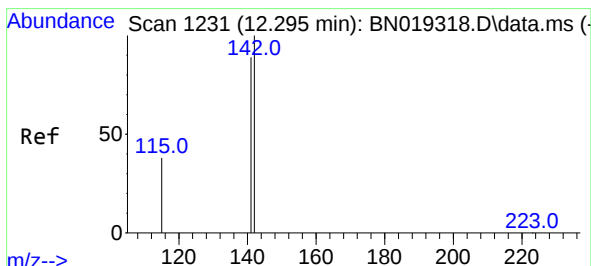
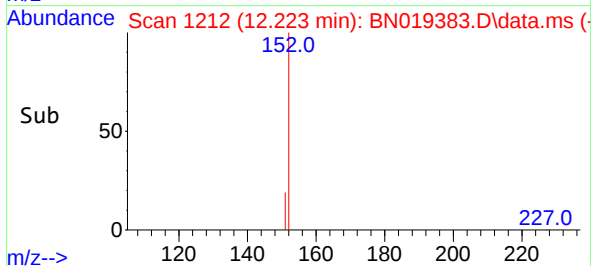
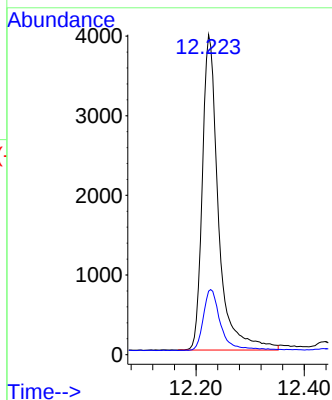
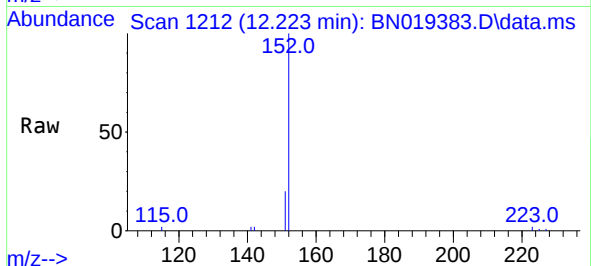




#11  
2-Methylnaphthalene-d10  
Concen: 0.335 ng  
RT: 12.223 min Scan# 1212  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
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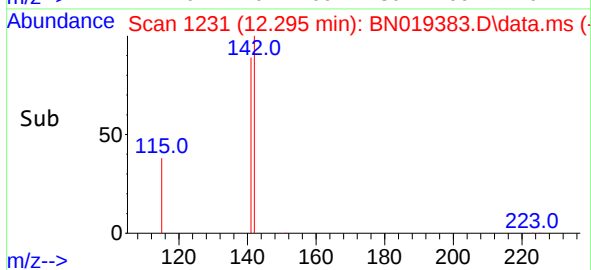
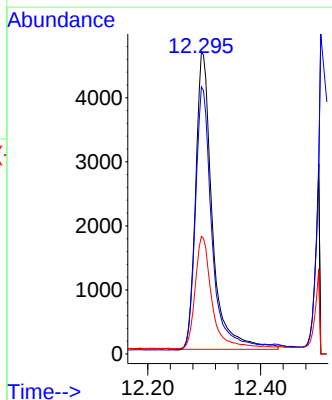
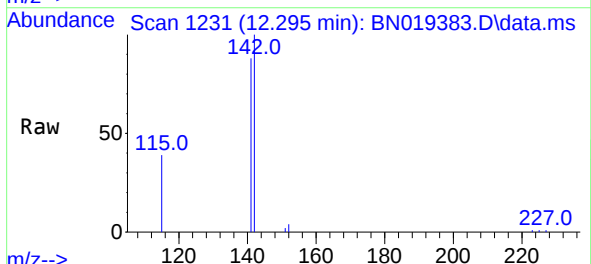
Instrument :  
BNA\_N  
ClientSampleId :  
PB143945BS

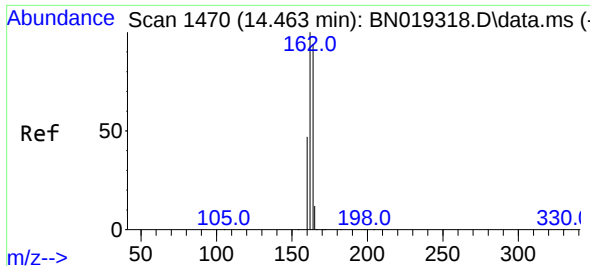
Tgt Ion:152 Resp: 8186  
Ion Ratio Lower Upper  
152 100  
151 21.2 16.5 24.7



#12  
2-Methylnaphthalene  
Concen: 0.334 ng  
RT: 12.295 min Scan# 1231  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

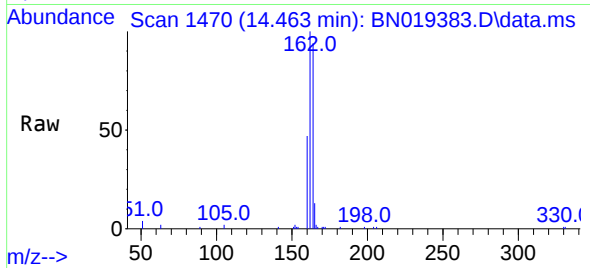
Tgt Ion:142 Resp: 9526  
Ion Ratio Lower Upper  
142 100  
141 88.5 70.0 105.0  
115 39.0 29.8 44.8



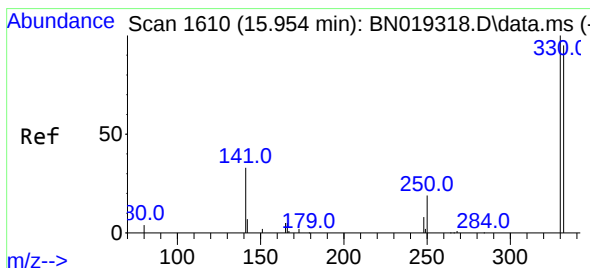
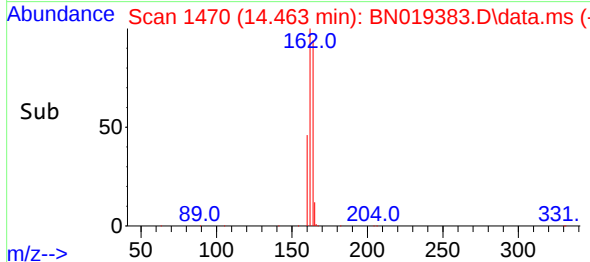
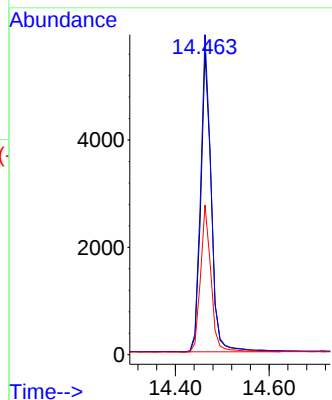


#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.463 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

Instrument :  
BNA\_N  
ClientSampleId :  
PB143945BS

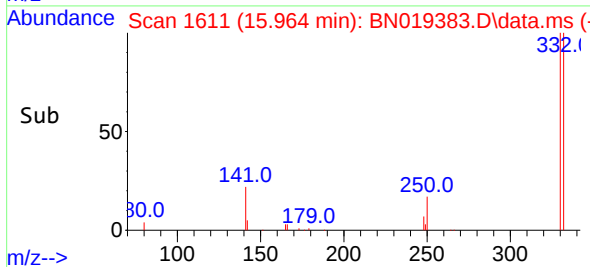
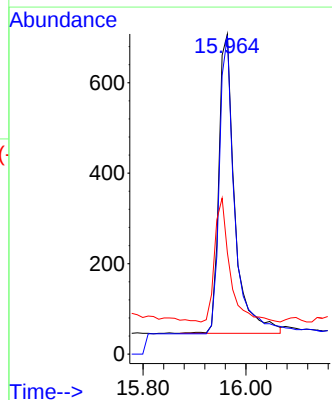
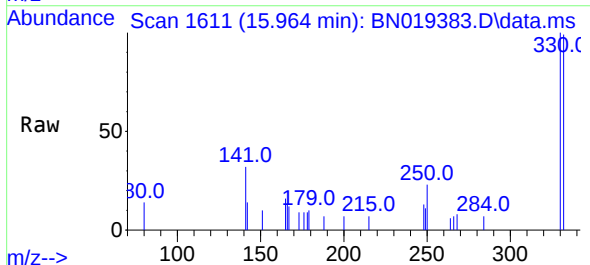


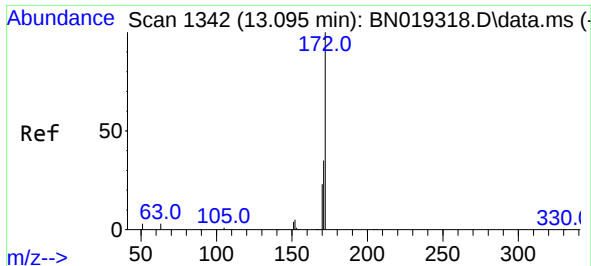
Tgt Ion:164 Resp: 8713  
Ion Ratio Lower Upper  
164 100  
162 105.9 85.2 127.8  
160 49.5 41.5 62.3



#14  
2,4,6-Tribromophenol  
Concen: 0.267 ng  
RT: 15.964 min Scan# 1611  
Delta R.T. 0.010 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

Tgt Ion:330 Resp: 1414  
Ion Ratio Lower Upper  
330 100  
332 96.3 76.8 115.2  
141 39.7 32.2 48.2

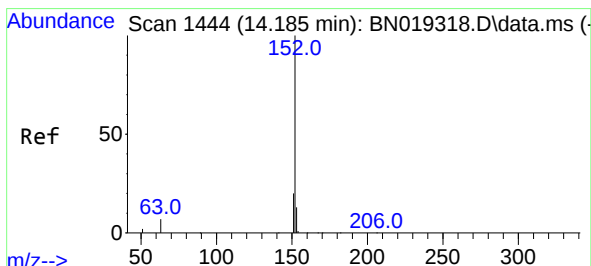
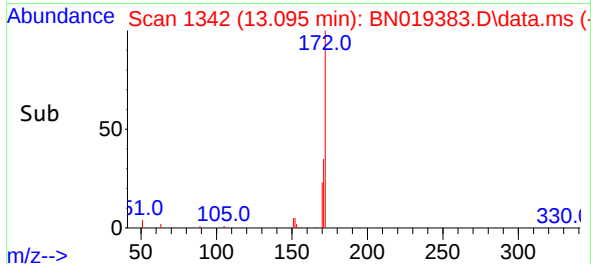
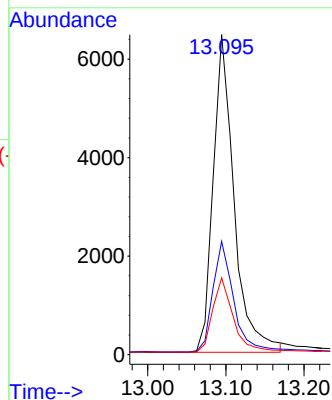
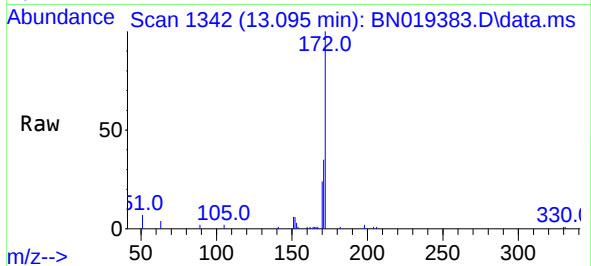




#15  
2-Fluorobiphenyl  
Concen: 0.331 ng  
RT: 13.095 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

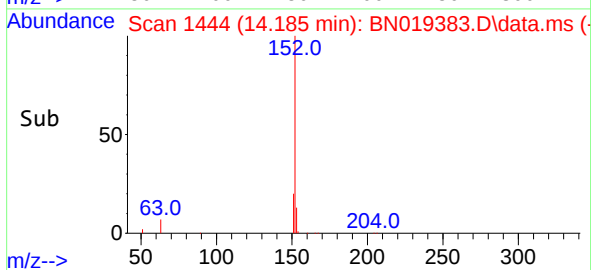
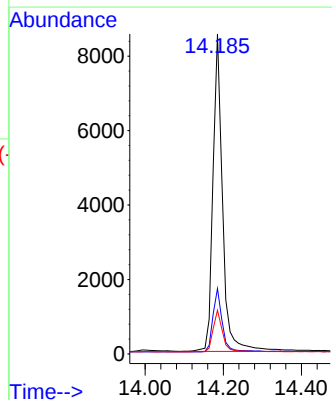
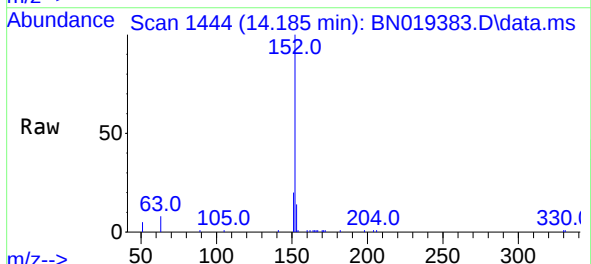
Instrument :  
BNA\_N  
ClientSampleId :  
PB143945BS

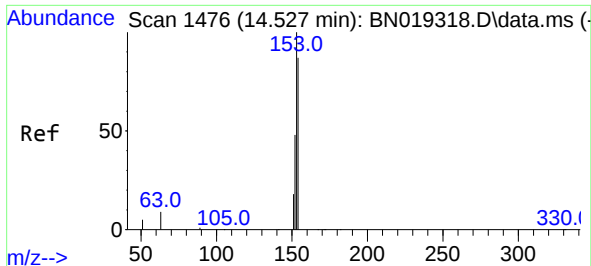
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 11995 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 35.4  | 28.2  | 42.2  |
| 170      | 24.0  | 18.7  | 28.1  |



#16  
Acenaphthylene  
Concen: 0.338 ng  
RT: 14.185 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 14621 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 19.6  | 15.9  | 23.9  |
| 153      | 13.3  | 10.6  | 15.8  |

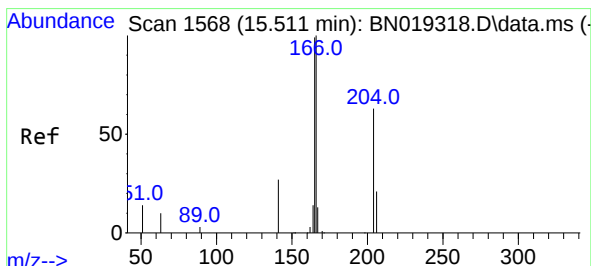
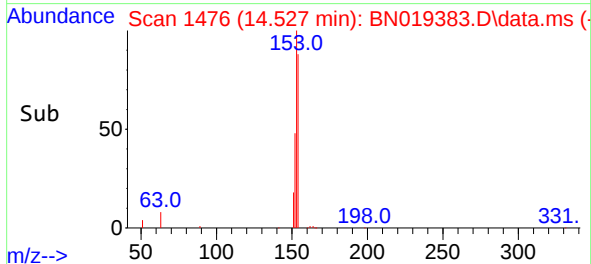
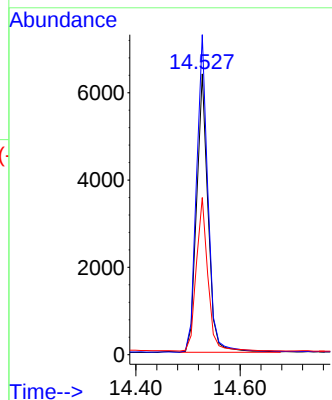
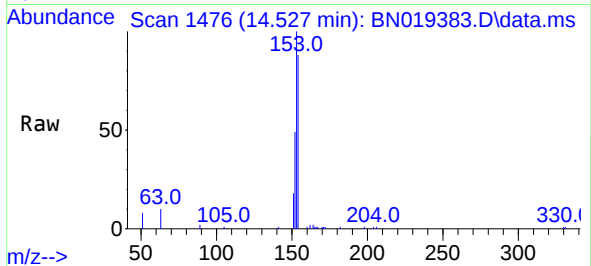




#17  
Acenaphthene  
Concen: 0.341 ng  
RT: 14.527 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

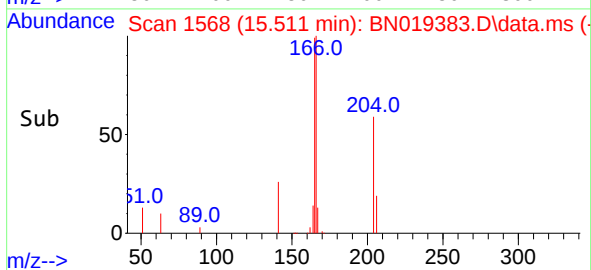
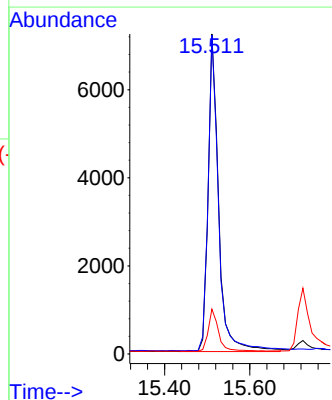
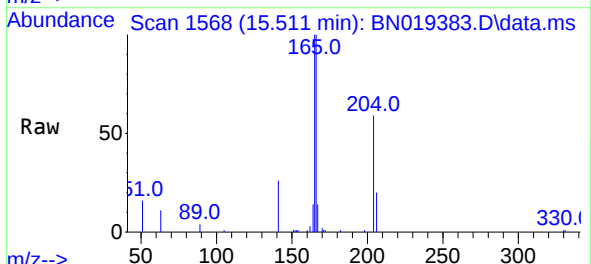
Instrument :  
BNA\_N  
ClientSampleId :  
PB143945BS

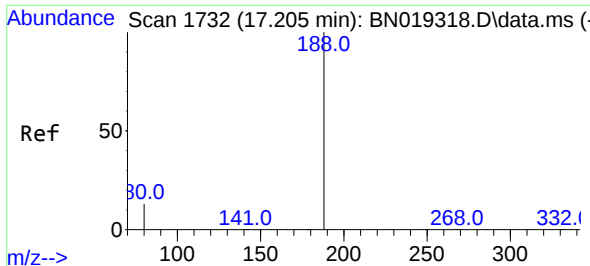
Tgt Ion:154 Resp: 9800  
Ion Ratio Lower Upper  
154 100  
153 113.9 89.7 134.5  
152 55.4 44.7 67.1



#18  
Fluorene  
Concen: 0.323 ng  
RT: 15.511 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

Tgt Ion:166 Resp: 12276  
Ion Ratio Lower Upper  
166 100  
165 98.4 79.2 118.8  
167 13.4 10.7 16.1

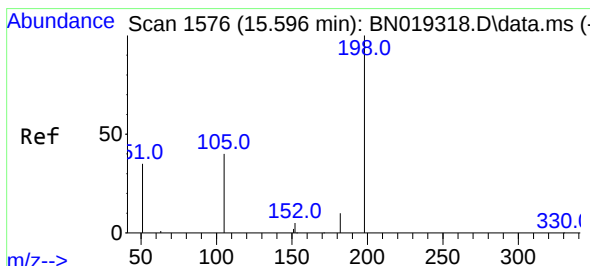
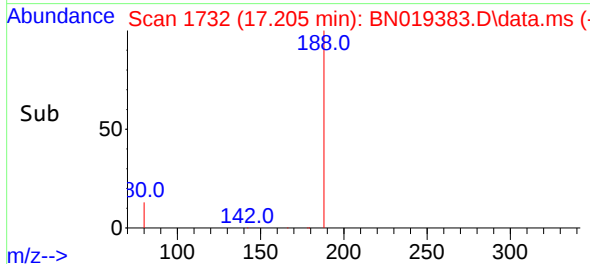
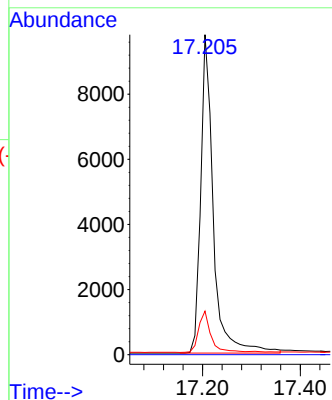
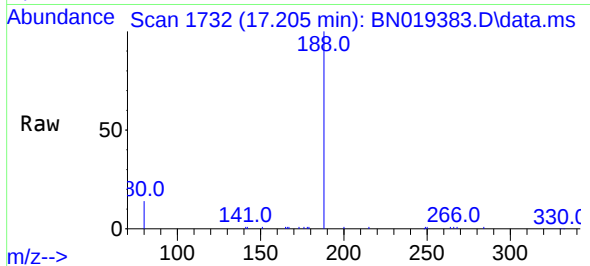




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.205 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

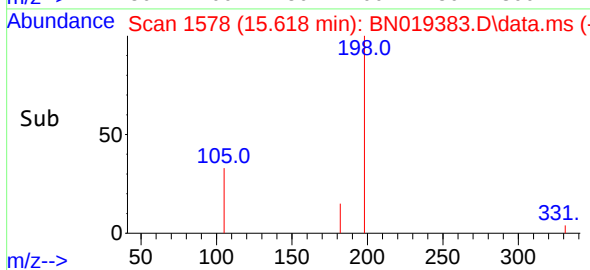
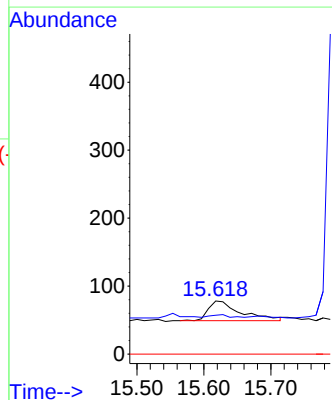
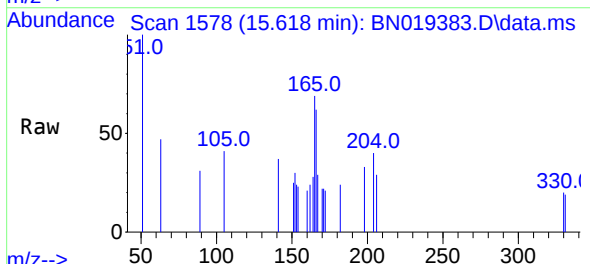
Instrument :  
BNA\_N  
ClientSampleId :  
PB143945BS

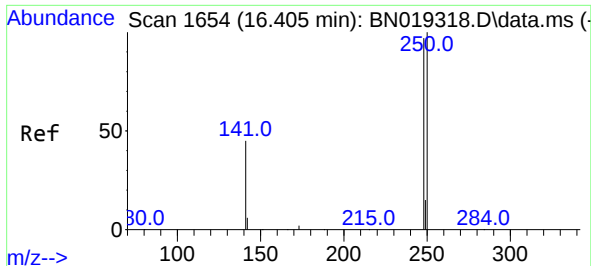
Tgt Ion:188 Resp: 17518  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.6 11.8 17.8



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.031 ng  
RT: 15.618 min Scan# 1578  
Delta R.T. 0.021 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

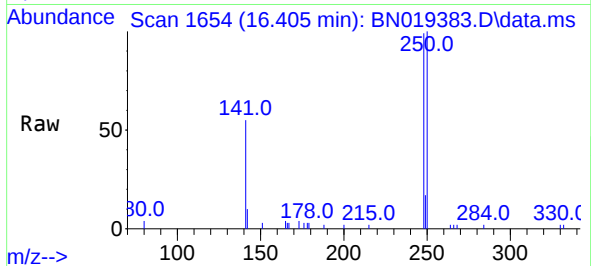
Tgt Ion:198 Resp: 99  
Ion Ratio Lower Upper  
198 100  
182 73.1 13.0 19.4#  
77 0.0 0.0 0.0





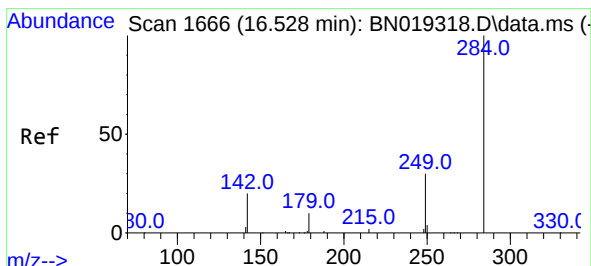
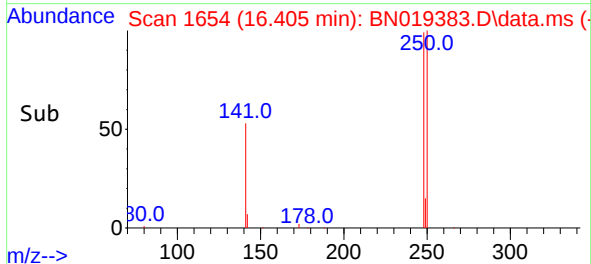
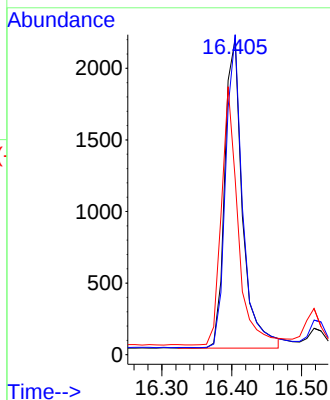
#21  
4-Bromophenyl-phenylether  
Concen: 0.324 ng  
RT: 16.405 min Scan# 1654  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

Instrument :  
BNA\_N  
ClientSampleId :  
PB143945BS



Tgt Ion: 248 Resp: 3826

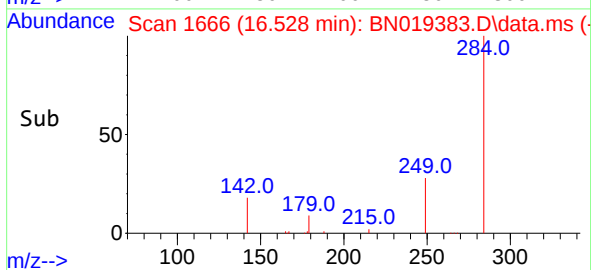
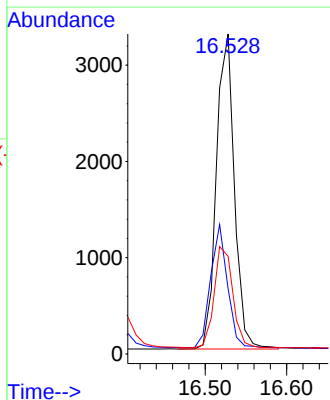
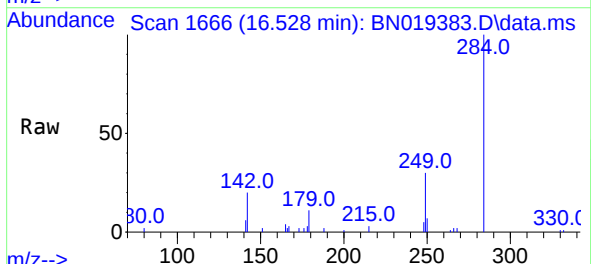
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100   |       |       |
| 250 | 101.5 | 80.7  | 121.1 |
| 141 | 55.7  | 39.6  | 59.4  |

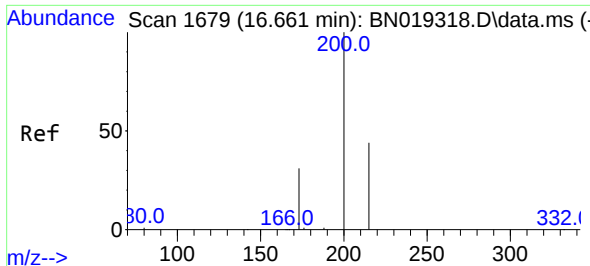


#22  
Hexachlorobenzene  
Concen: 0.363 ng  
RT: 16.528 min Scan# 1666  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

Tgt Ion: 284 Resp: 5015

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 284 | 100   |       |       |
| 142 | 36.4  | 29.8  | 44.8  |
| 249 | 33.2  | 26.2  | 39.2  |

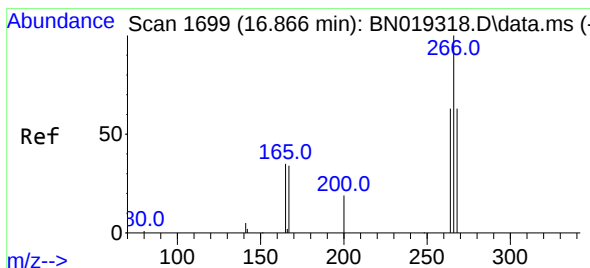
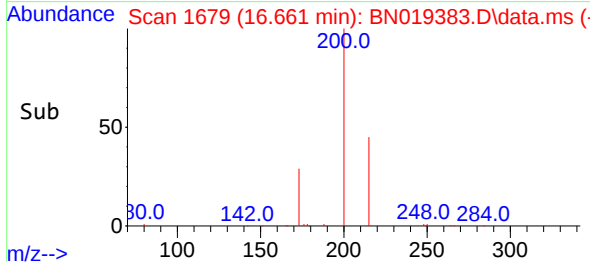
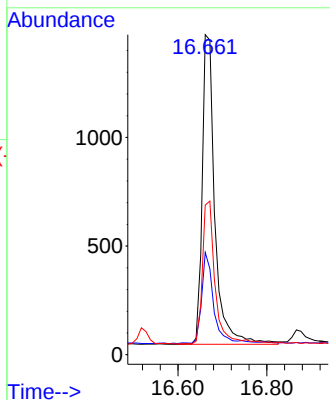
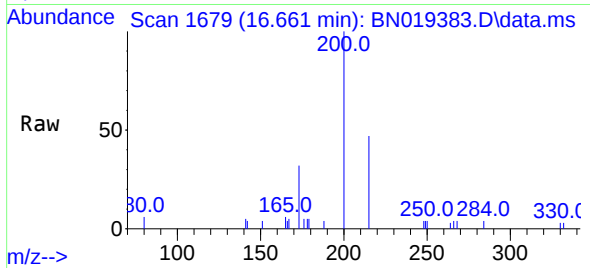




#23  
Atrazine  
Concen: 0.290 ng  
RT: 16.661 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

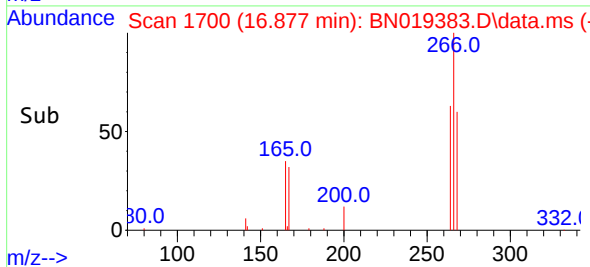
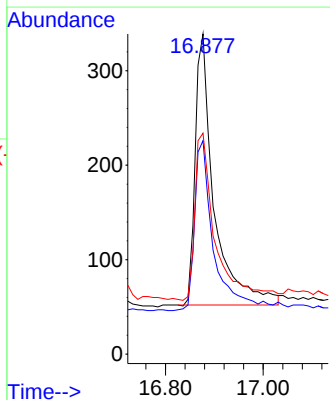
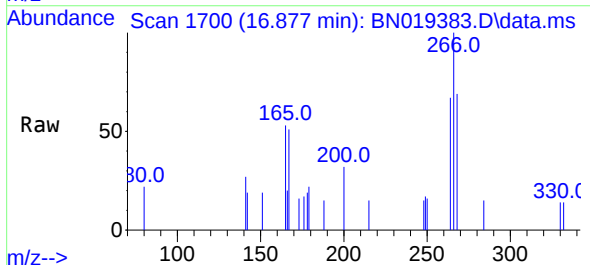
Instrument :  
BNA\_N  
ClientSampleId :  
PB143945BS

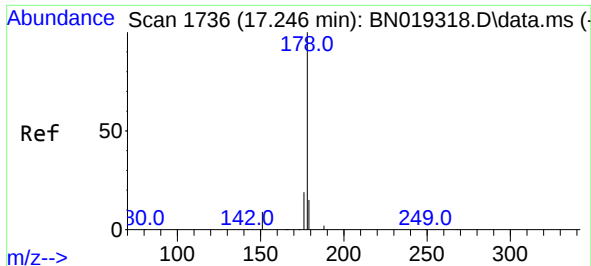
Tgt Ion:200 Resp: 2826  
Ion Ratio Lower Upper  
200 100  
173 32.0 23.9 35.9  
215 46.8 36.6 54.8



#24  
Pentachlorophenol  
Concen: 0.144 ng  
RT: 16.877 min Scan# 1700  
Delta R.T. 0.010 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

Tgt Ion:266 Resp: 771  
Ion Ratio Lower Upper  
266 100  
264 63.8 50.2 75.4  
268 66.9 51.9 77.9

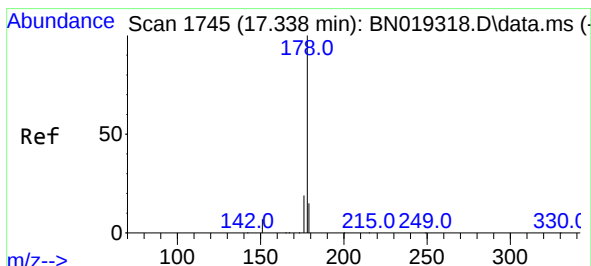
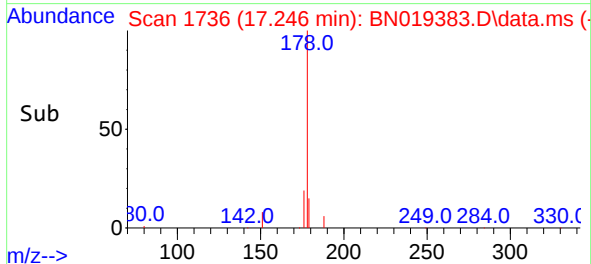
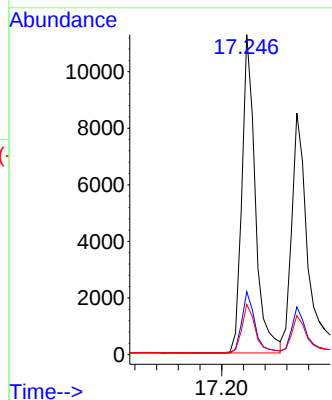
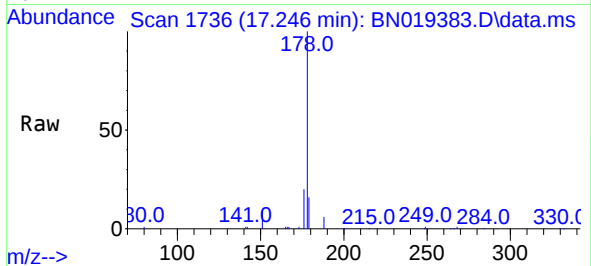




#25  
Phenanthrene  
Concen: 0.327 ng  
RT: 17.246 min Scan# 1736  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

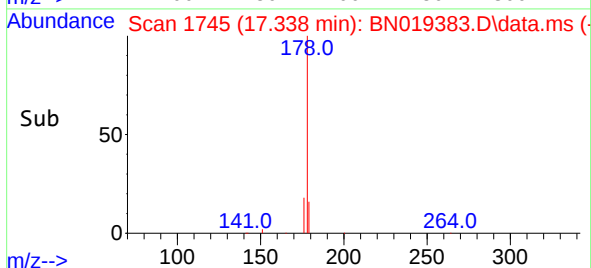
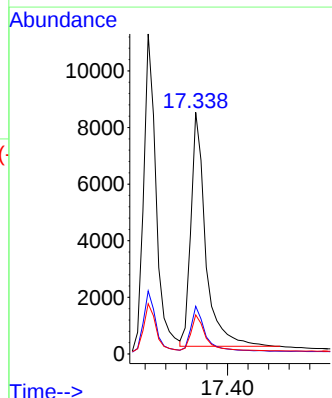
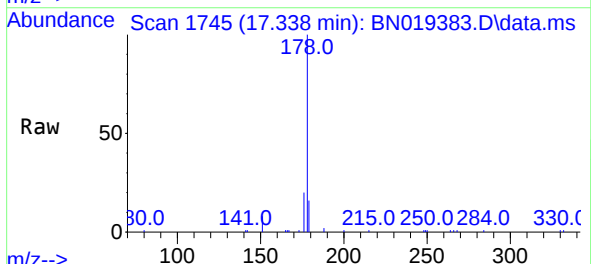
Instrument :  
BNA\_N  
ClientSampleId :  
PB143945BS

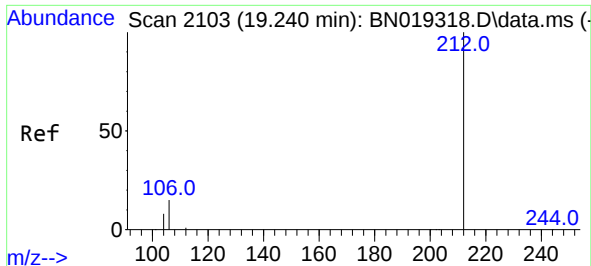
Tgt Ion:178 Resp: 19200  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.4 23.0  
179 15.3 12.2 18.2



#26  
Anthracene  
Concen: 0.317 ng  
RT: 17.338 min Scan# 1745  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

Tgt Ion:178 Resp: 16406  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.8 22.2  
179 15.1 12.2 18.4

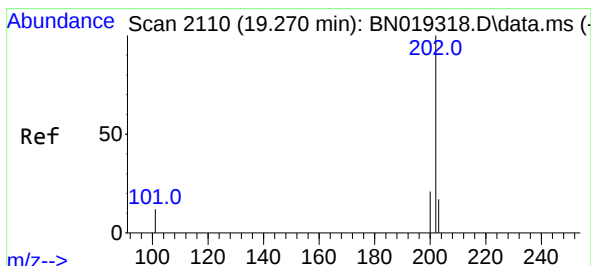
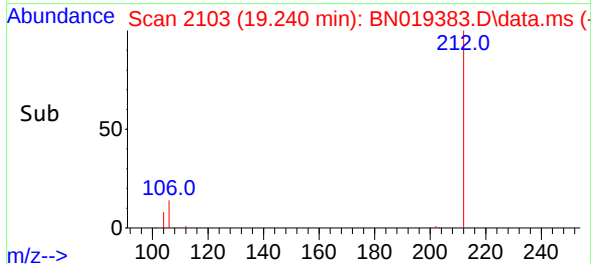
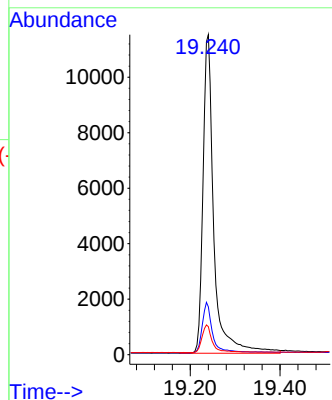
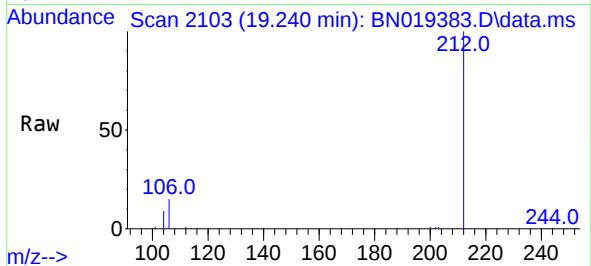




#27  
Fluoranthene-d10  
Concen: 0.341 ng  
RT: 19.240 min Scan# 2103  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

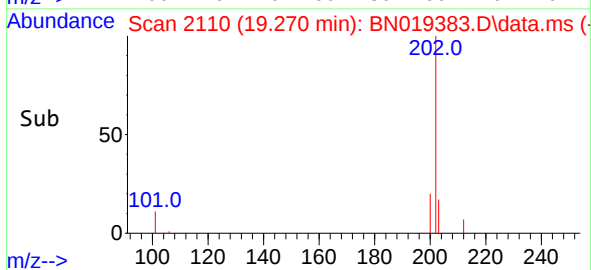
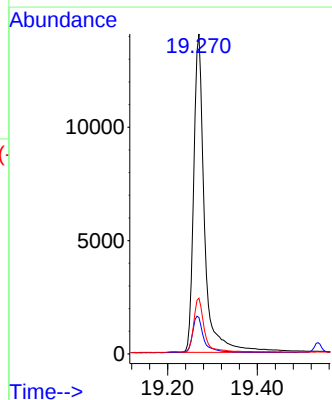
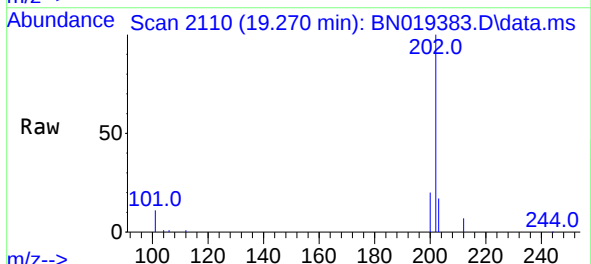
Instrument :  
BNA\_N  
ClientSampleId :  
PB143945BS

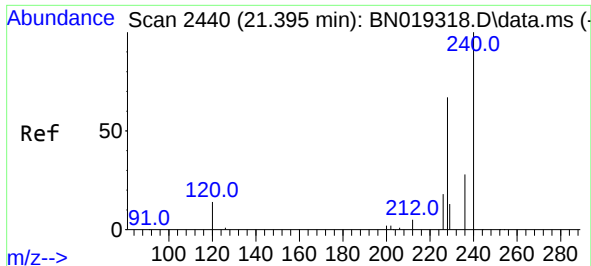
Tgt Ion:212 Resp: 19229  
Ion Ratio Lower Upper  
212 100  
106 15.1 12.7 19.1  
104 8.4 7.1 10.7



#28  
Fluoranthene  
Concen: 0.338 ng  
RT: 19.270 min Scan# 2110  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

Tgt Ion:202 Resp: 23591  
Ion Ratio Lower Upper  
202 100  
101 11.8 9.8 14.6  
203 16.8 13.7 20.5

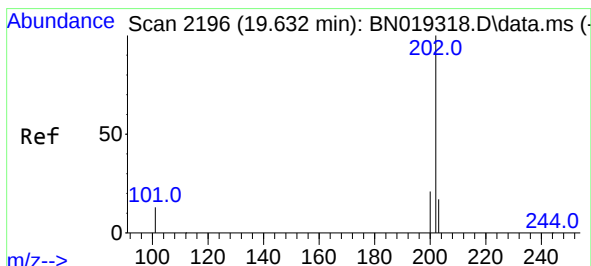
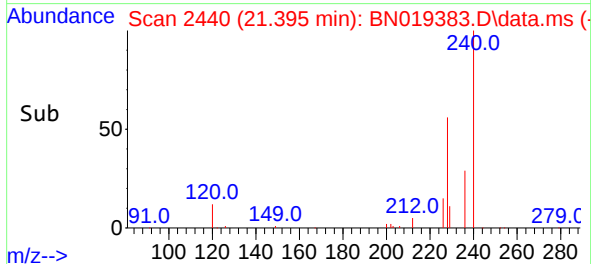
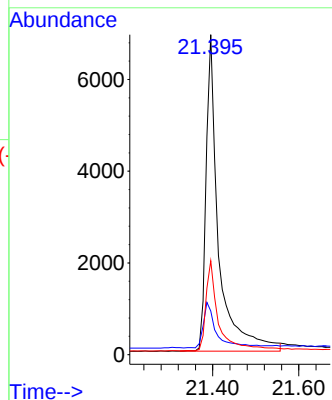
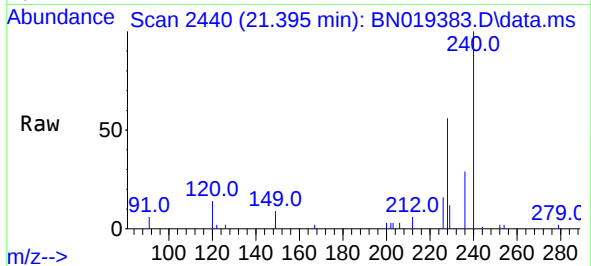




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.395 min Scan# 2440  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

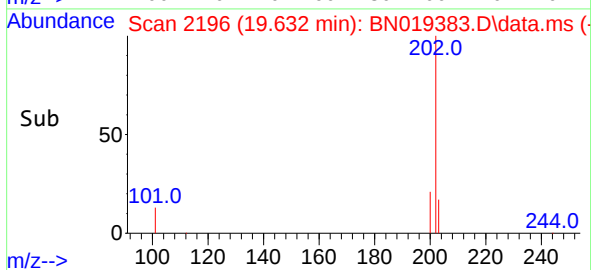
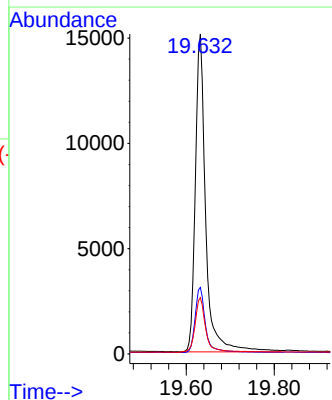
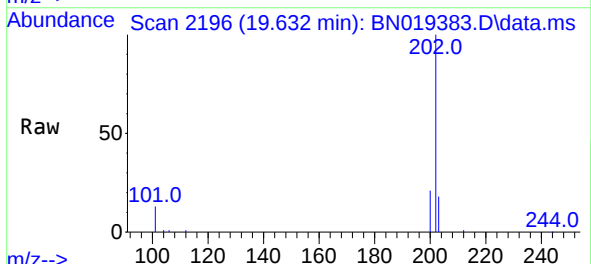
Instrument :  
BNA\_N  
ClientSampleId :  
PB143945BS

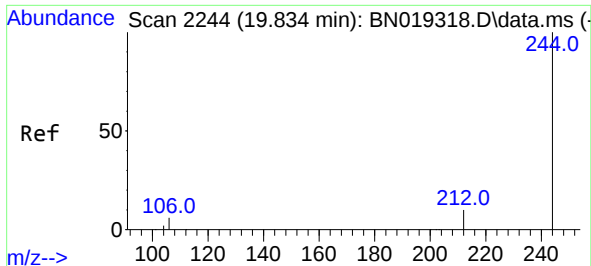
Tgt Ion:240 Resp: 14069  
Ion Ratio Lower Upper  
240 100  
120 13.7 8.5 12.7#  
236 29.4 22.4 33.6



#30  
Pyrene  
Concen: 0.376 ng  
RT: 19.632 min Scan# 2196  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

Tgt Ion:202 Resp: 24615  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.9 25.3  
203 17.8 14.2 21.2

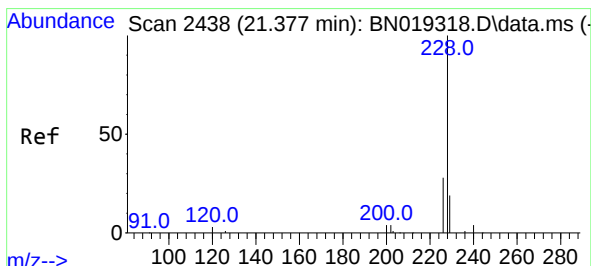
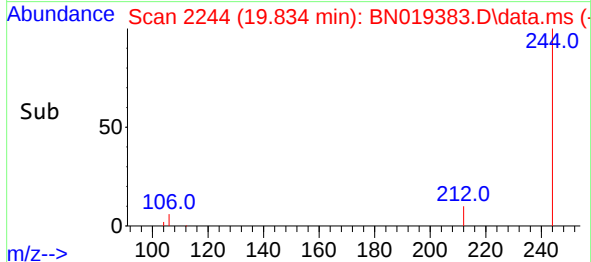
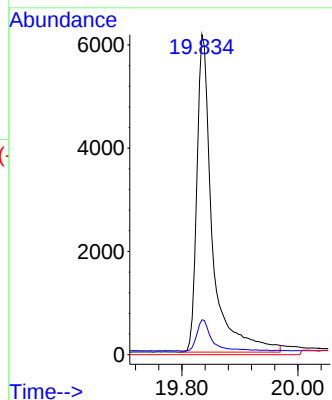
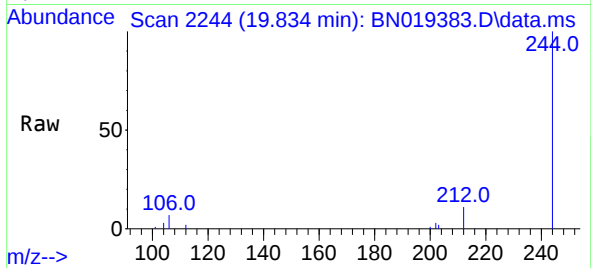




#31  
 Terphenyl-d14  
 Concen: 0.373 ng  
 RT: 19.834 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN019383.D  
 Acq: 07 Apr 2022 19:05

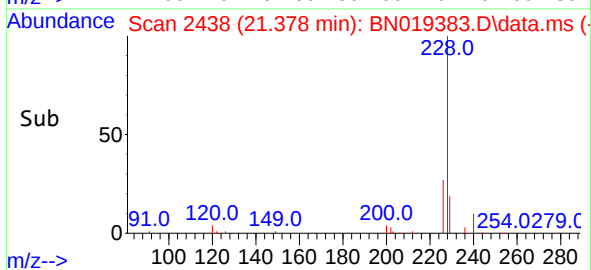
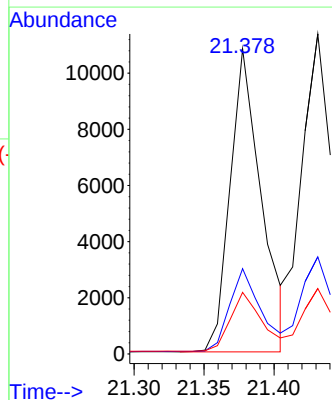
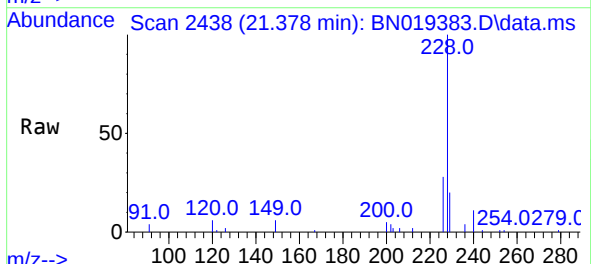
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB143945BS

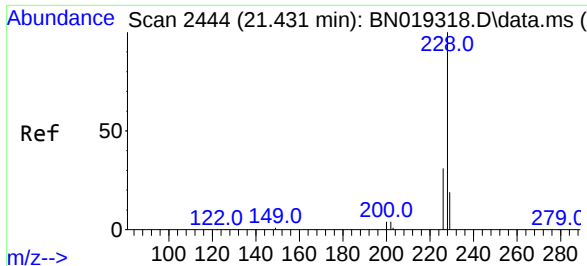
Tgt Ion:244 Resp: 11400  
 Ion Ratio Lower Upper  
 244 100  
 212 10.9 8.2 12.4  
 122 0.0 0.0 0.0



#32  
 Benzo(a)anthracene  
 Concen: 0.322 ng  
 RT: 21.378 min Scan# 2438  
 Delta R.T. 0.000 min  
 Lab File: BN019383.D  
 Acq: 07 Apr 2022 19:05

Tgt Ion:228 Resp: 16756  
 Ion Ratio Lower Upper  
 228 100  
 226 27.9 21.9 32.9  
 229 20.2 16.0 24.0

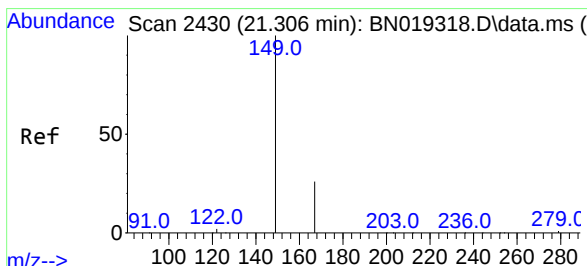
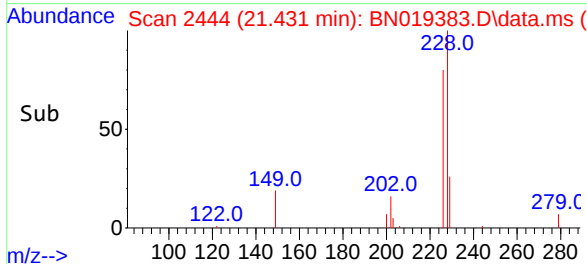
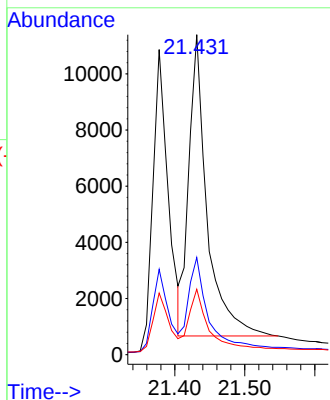
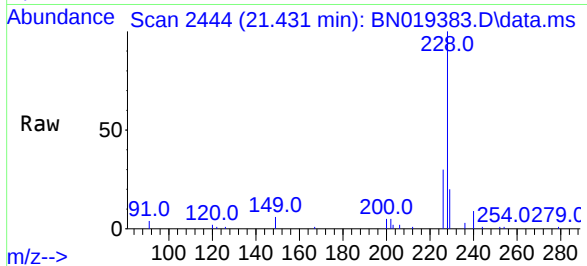




#33  
Chrysene  
Concen: 0.336 ng  
RT: 21.431 min Scan# 2444  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

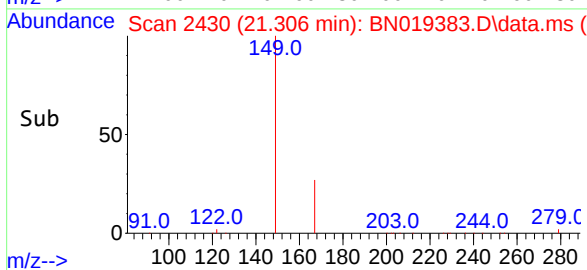
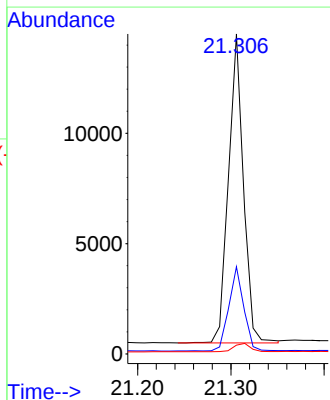
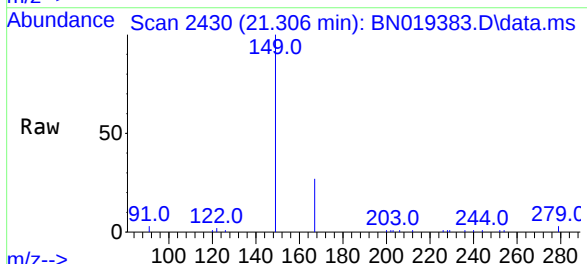
Instrument :  
BNA\_N  
ClientSampleId :  
PB143945BS

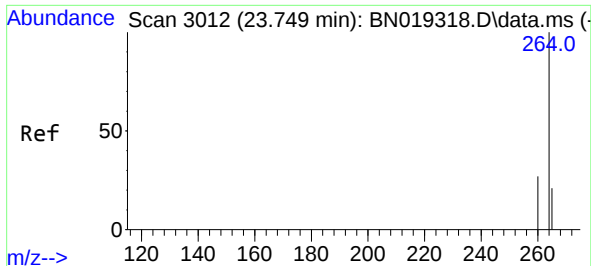
Tgt Ion:228 Resp: 19409  
Ion Ratio Lower Upper  
228 100  
226 30.3 24.0 36.0  
229 20.5 15.9 23.9



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.402 ng  
RT: 21.306 min Scan# 2430  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

Tgt Ion:149 Resp: 15561  
Ion Ratio Lower Upper  
149 100  
167 27.5 21.8 32.8  
279 3.1 2.0 3.0#



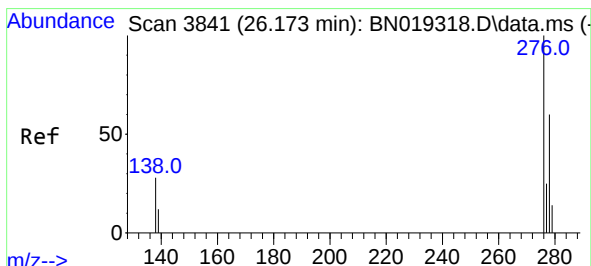
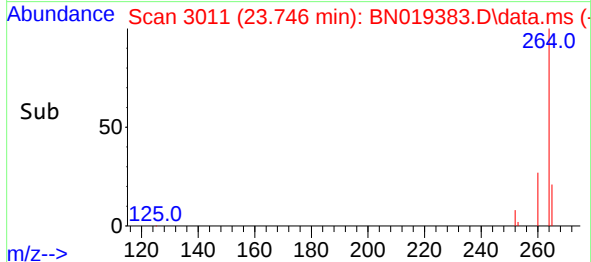
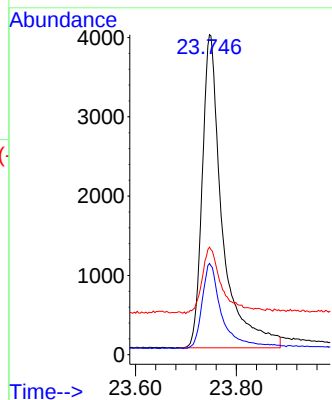
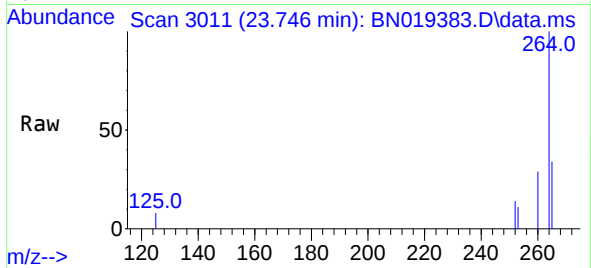


#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.746 min Scan# 3011  
 Delta R.T. -0.003 min  
 Lab File: BN019383.D  
 Acq: 07 Apr 2022 19:05

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB143945BS

Tgt Ion: 264 Resp: 10967

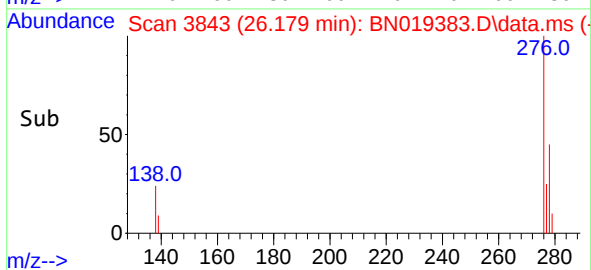
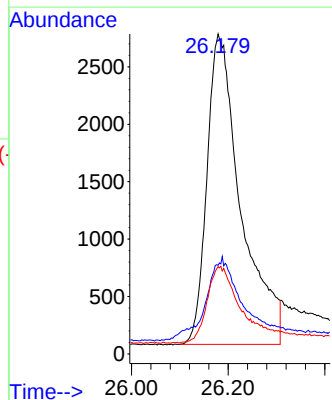
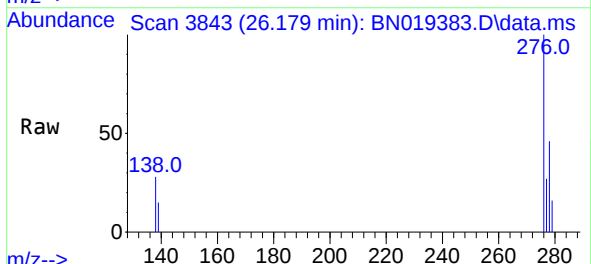
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 28.5  | 22.4  | 33.6  |
| 265 | 33.6  | 25.3  | 37.9  |

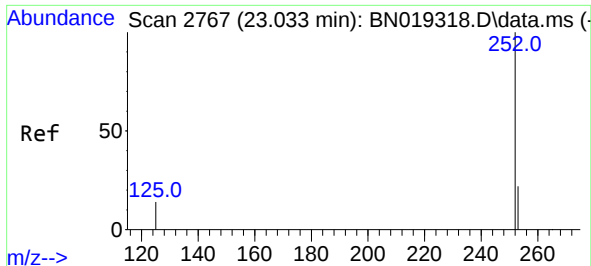


#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.287 ng  
 RT: 26.179 min Scan# 3843  
 Delta R.T. 0.006 min  
 Lab File: BN019383.D  
 Acq: 07 Apr 2022 19:05

Tgt Ion: 276 Resp: 13194

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 27.1  | 24.5  | 36.7  |
| 277 | 24.9  | 19.8  | 29.8  |

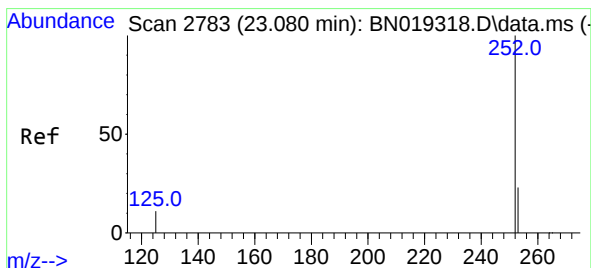
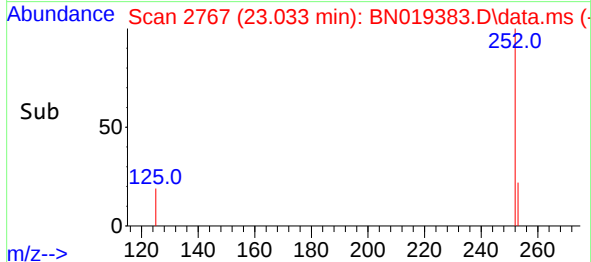
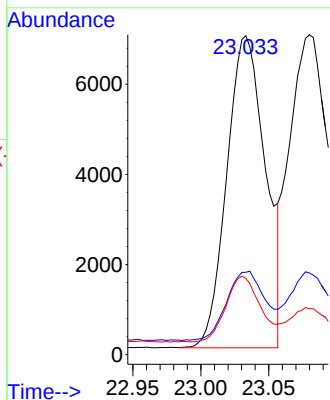
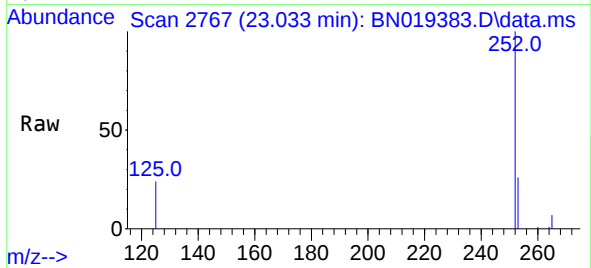




#37  
Benzo(b)fluoranthene  
Concen: 0.319 ng m  
RT: 23.033 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

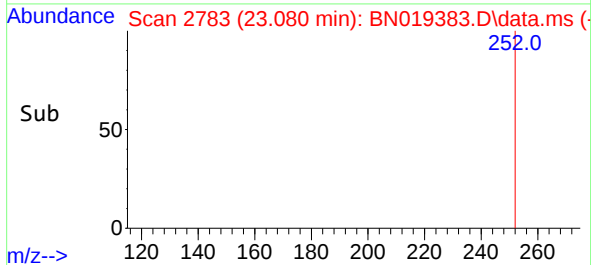
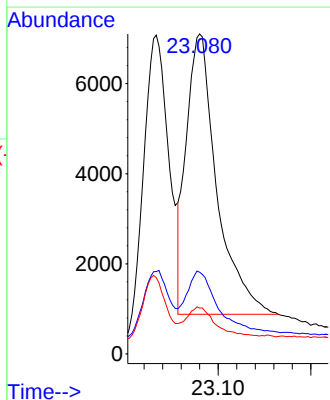
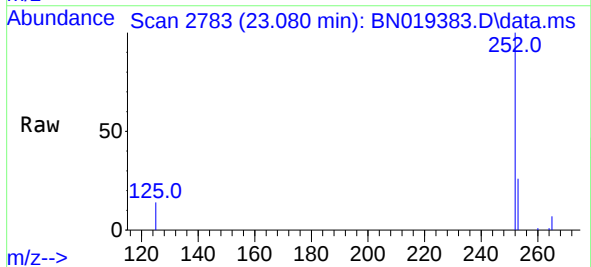
Instrument :  
BNA\_N  
ClientSampleId :  
PB143945BS

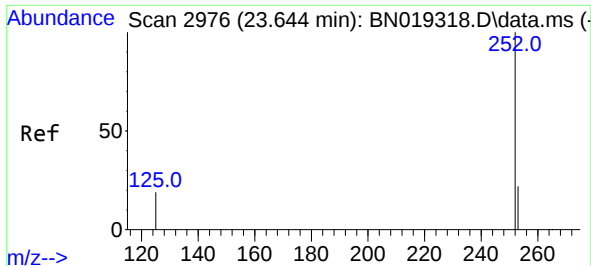
Tgt Ion:252 Resp: 13694  
Ion Ratio Lower Upper  
252 100  
253 25.8 18.9 28.3  
125 24.0 12.1 18.1#



#38  
Benzo(k)fluoranthene  
Concen: 0.318 ng  
RT: 23.080 min Scan# 2783  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

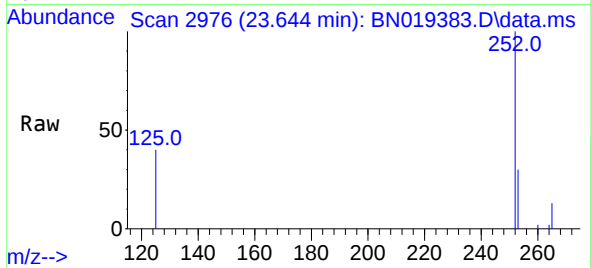
Tgt Ion:252 Resp: 14284  
Ion Ratio Lower Upper  
252 100  
253 25.6 18.9 28.3  
125 14.3 10.3 15.5



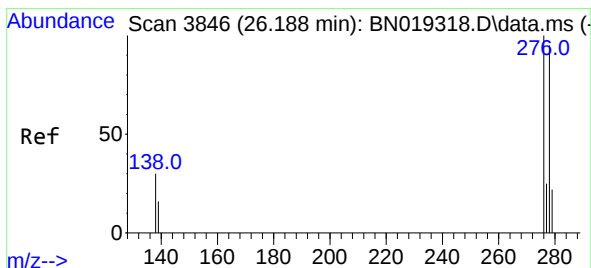
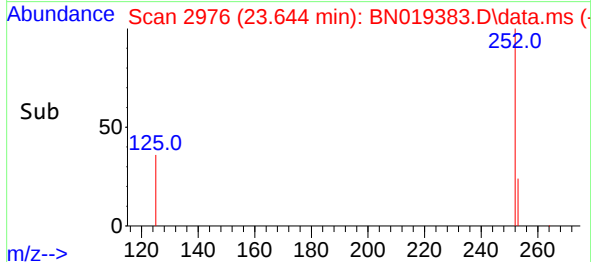
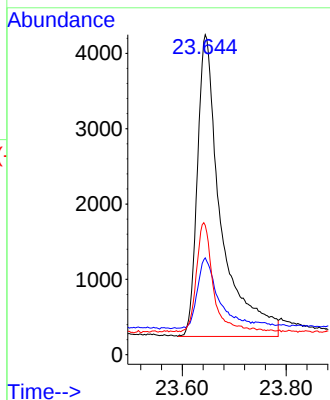


#39  
Benzo(a)pyrene  
Concen: 0.327 ng  
RT: 23.644 min Scan# 2976  
Delta R.T. 0.000 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

Instrument :  
BNA\_N  
ClientSampleId :  
PB143945BS

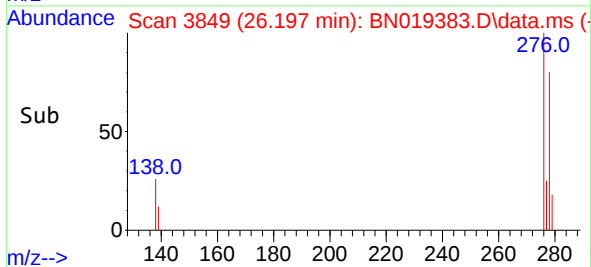
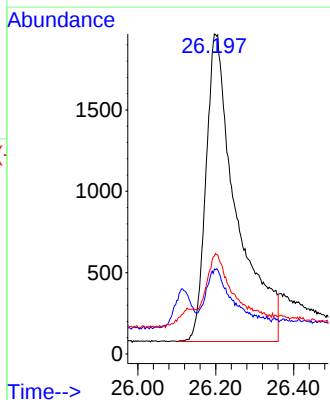
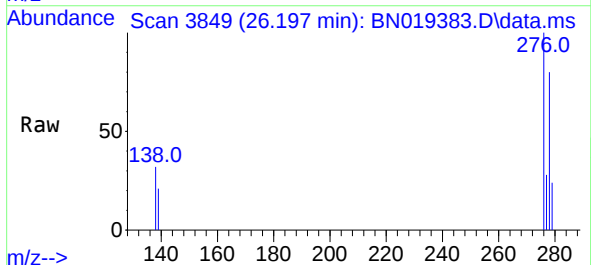


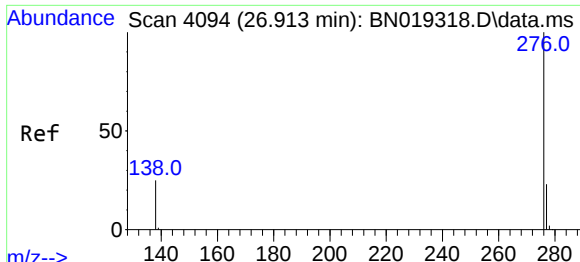
Tgt Ion:252 Resp: 12642  
Ion Ratio Lower Upper  
252 100  
253 30.2 20.1 30.1#  
125 40.4 15.2 22.8#



#40  
Dibenzo(a,h)anthracene  
Concen: 0.288 ng  
RT: 26.197 min Scan# 3849  
Delta R.T. 0.009 min  
Lab File: BN019383.D  
Acq: 07 Apr 2022 19:05

Tgt Ion:278 Resp: 10243  
Ion Ratio Lower Upper  
278 100  
139 26.5 17.2 25.8#  
279 30.6 19.9 29.9#





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.314 ng  
 RT: 26.919 min Scan# 4096  
 Delta R.T. 0.006 min  
 Lab File: BN019383.D  
 Acq: 07 Apr 2022 19:05

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB143945BS

Tgt Ion: 276 Resp: 13366

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 25.5  | 19.4  | 29.0  |
| 138 | 26.6  | 21.0  | 31.6  |

