

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN033122\  
 Data File : BN019265.D  
 Acq On : 31 Mar 2022 23:06  
 Operator : CG/JU  
 Sample : PB143774BSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB143774BSD

Quant Time: Apr 01 04:46:39 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN033122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 31 12:41:03 2022  
 Response via : Initial Calibration

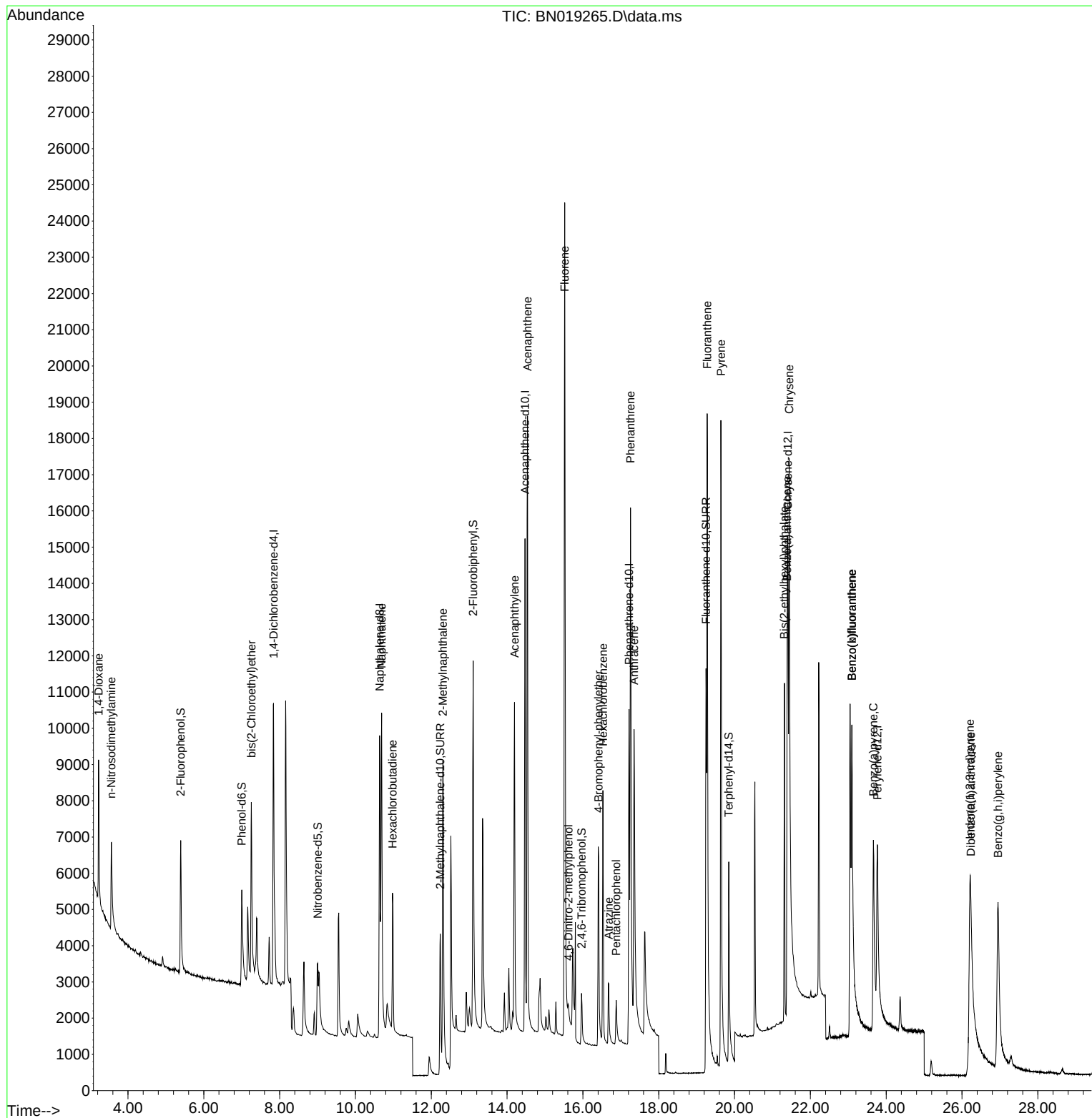
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.840  | 152  | 4859     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.637 | 136  | 13290    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.474 | 164  | 8307     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.215 | 188  | 16440    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.404 | 240  | 12224    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.767 | 264  | 10571    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.392  | 112  | 3649     | 0.343 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.002  | 99   | 3497     | 0.310 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.003  | 82   | 2846     | 0.298 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.234 | 152  | 7448     | 0.353 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.964 | 330  | 1100     | 0.283 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 11538    | 0.346 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.248 | 212  | 17612    | 0.357 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.847 | 244  | 10256    | 0.377 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.225  | 88   | 2134     | 0.330 | ng    | 92       |
| 3) n-Nitrosodimethylamine     | 3.557  | 42   | 2124     | 0.315 | ng    | 100      |
| 6) bis(2-Chloroethyl)ether    | 7.255  | 93   | 4479     | 0.333 | ng    | 94       |
| 9) Naphthalene                | 10.690 | 128  | 14325    | 0.372 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.979 | 225  | 3314     | 0.369 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.306 | 142  | 8877     | 0.357 | ng    | 98       |
| 16) Acenaphthylene            | 14.196 | 152  | 12159    | 0.318 | ng    | 100      |
| 17) Acenaphthene              | 14.538 | 154  | 9438     | 0.347 | ng    | 98       |
| 18) Fluorene                  | 15.521 | 166  | 11821    | 0.347 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.618 | 198  | 532      | 0.279 | ng    | # 69     |
| 21) 4-Bromophenyl-phenylether | 16.415 | 248  | 3638     | 0.345 | ng    | 97       |
| 22) Hexachlorobenzene         | 16.528 | 284  | 5089     | 0.371 | ng    | 99       |
| 23) Atrazine                  | 16.682 | 200  | 2215     | 0.306 | ng    | 97       |
| 24) Pentachlorophenol         | 16.877 | 266  | 978      | 0.247 | ng    | 96       |
| 25) Phenanthrene              | 17.256 | 178  | 18420    | 0.356 | ng    | 100      |
| 26) Anthracene                | 17.349 | 178  | 13798    | 0.322 | ng    | 100      |
| 28) Fluoranthene              | 19.278 | 202  | 21824    | 0.353 | ng    | 99       |
| 30) Pyrene                    | 19.640 | 202  | 22400    | 0.371 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.386 | 228  | 11467    | 0.299 | ng    | 99       |
| 33) Chrysene                  | 21.440 | 228  | 17331    | 0.354 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.315 | 149  | 8012     | 0.313 | ng    | # 99     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.208 | 276  | 13768    | 0.319 | ng    | 96       |
| 37) Benzo(b)fluoranthene      | 23.095 | 252  | 18313    | 0.466 | ng    | 96       |
| 38) Benzo(k)fluoranthene      | 23.095 | 252  | 13611    | 0.321 | ng    | 96       |
| 39) Benzo(a)pyrene            | 23.665 | 252  | 12935    | 0.363 | ng    | # 77     |
| 40) Dibenzo(a,h)anthracene    | 26.235 | 278  | 9242     | 0.293 | ng    | # 92     |
| 41) Benzo(g,h,i)perylene      | 26.951 | 276  | 15480    | 0.351 | ng    | 98       |

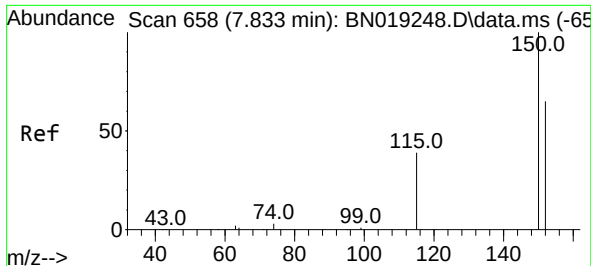
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 31 12:41:03 2022  
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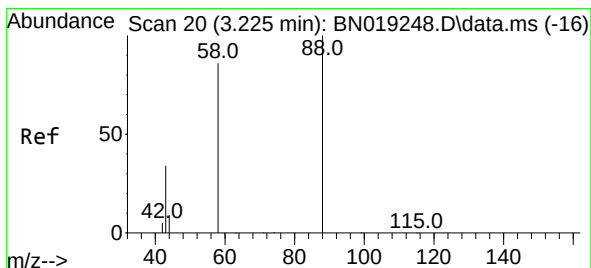
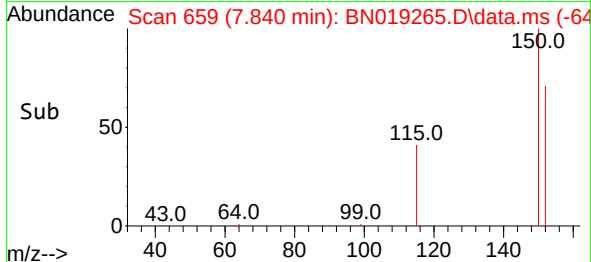
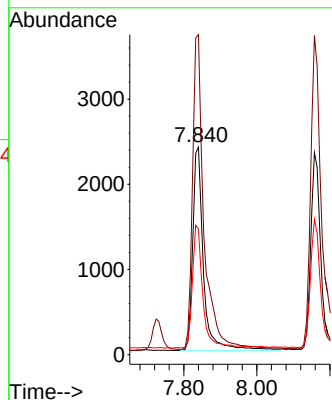
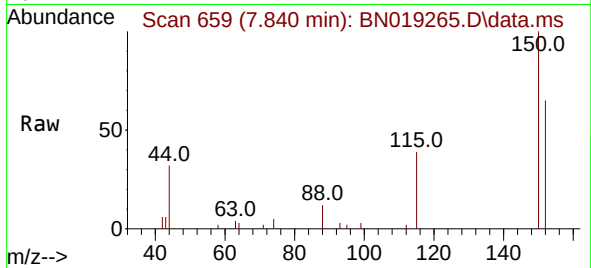




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.840 min Scan# 61  
 Delta R.T. 0.007 min  
 Lab File: BN019265.D  
 Acq: 31 Mar 2022 23:06

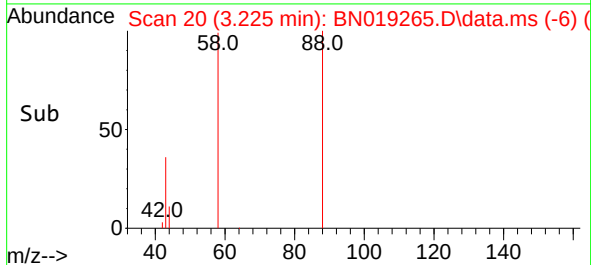
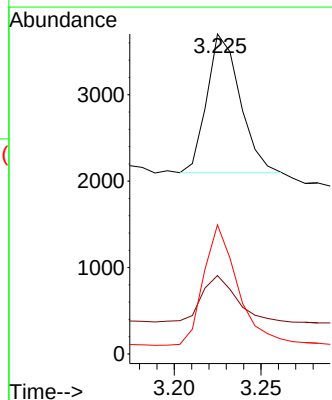
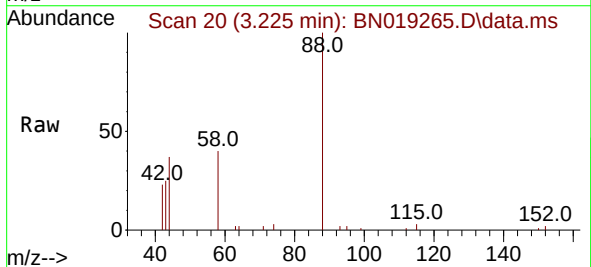
Instrument :  
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 ClientSampleId :  
 PB143774BSD

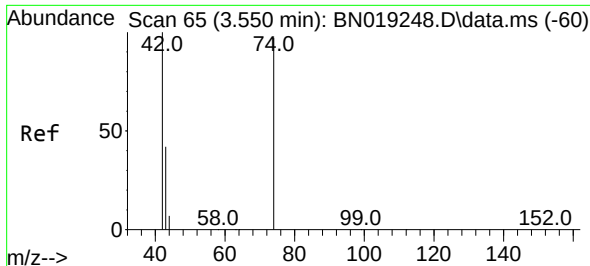
Tgt Ion:152 Resp: 4859  
 Ion Ratio Lower Upper  
 152 100  
 150 154.1 123.9 185.9  
 115 60.5 48.2 72.4



#2  
 1,4-Dioxane  
 Concen: 0.330 ng  
 RT: 3.225 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: BN019265.D  
 Acq: 31 Mar 2022 23:06

Tgt Ion: 88 Resp: 2134  
 Ion Ratio Lower Upper  
 88 100  
 43 34.6 24.6 37.0  
 58 89.4 65.4 98.2

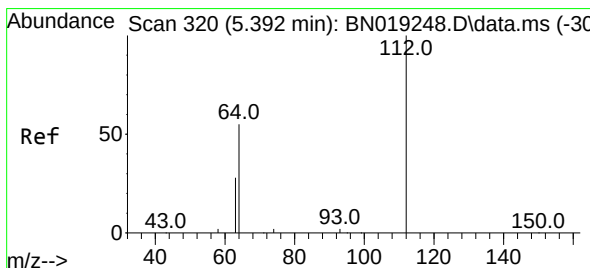
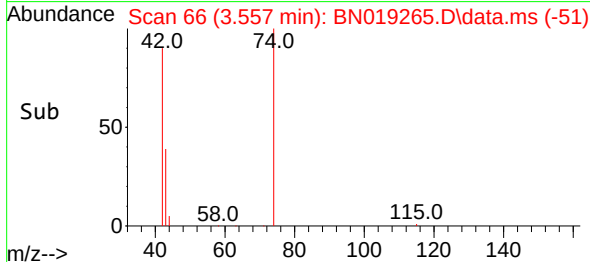
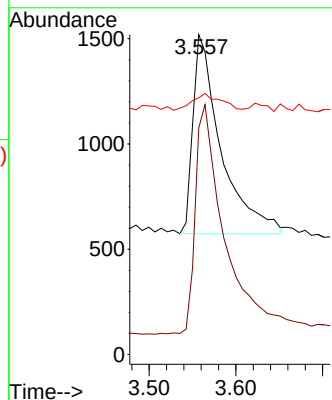
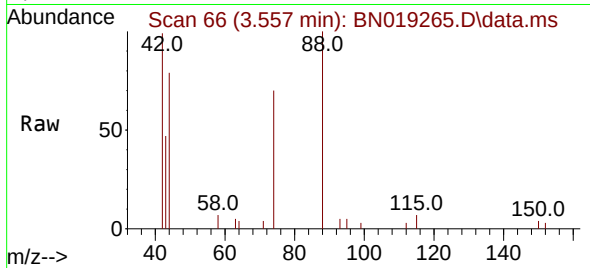




#3  
n-Nitrosodimethylamine  
Concen: 0.315 ng  
RT: 3.557 min Scan# 60  
Delta R.T. 0.007 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

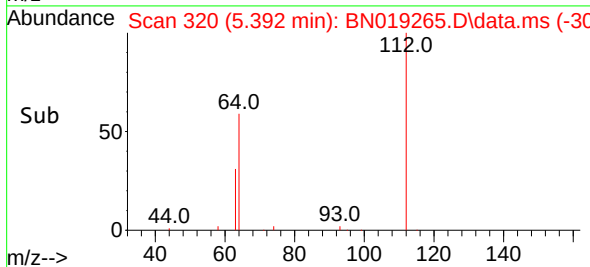
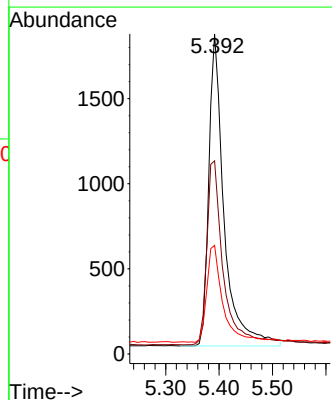
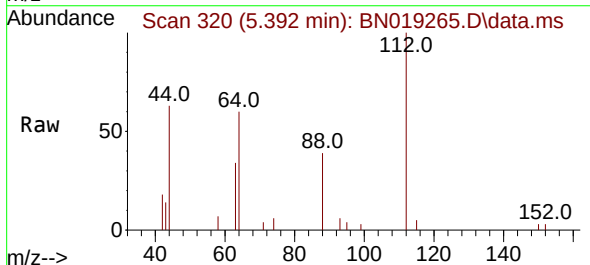
Instrument :  
BNA\_N  
ClientSampleId :  
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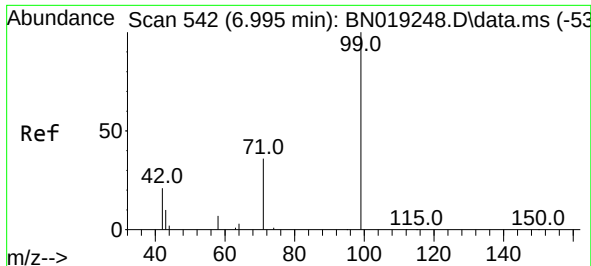
Tgt Ion: 42 Resp: 2124  
Ion Ratio Lower Upper  
42 100  
74 120.7 96.9 145.3  
44 9.2 7.3 10.9



#4  
2-Fluorophenol  
Concen: 0.343 ng  
RT: 5.392 min Scan# 320  
Delta R.T. -0.000 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

Tgt Ion: 112 Resp: 3649  
Ion Ratio Lower Upper  
112 100  
64 63.3 47.8 71.8  
63 32.4 25.7 38.5

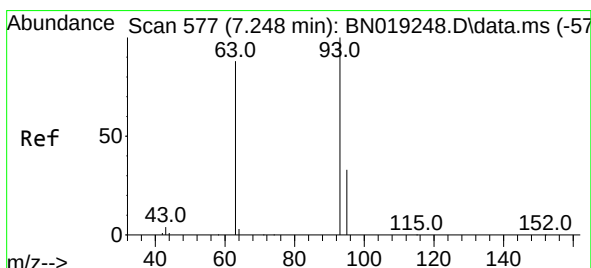
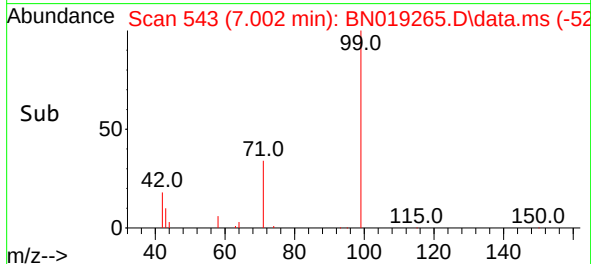
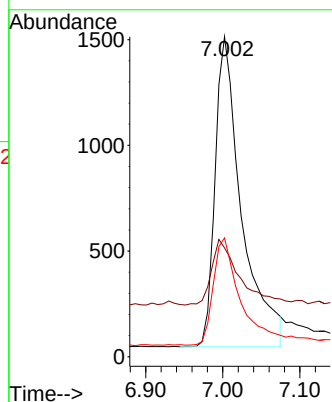
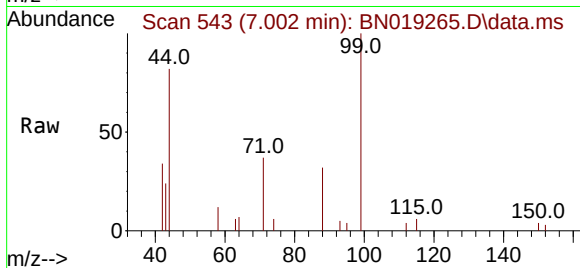




#5  
Phenol-d6  
Concen: 0.310 ng  
RT: 7.002 min Scan# 54  
Delta R.T. 0.007 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

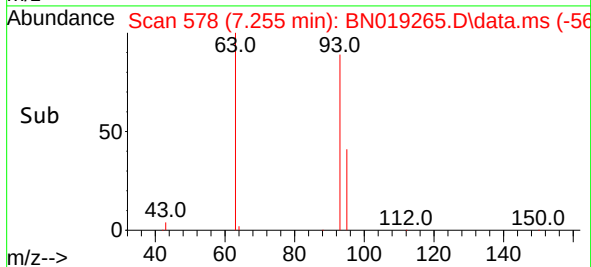
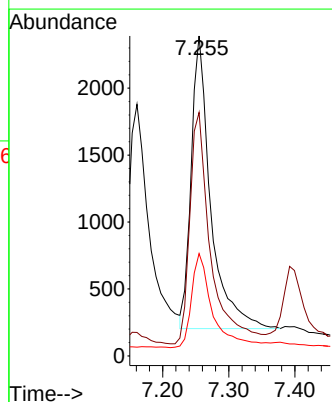
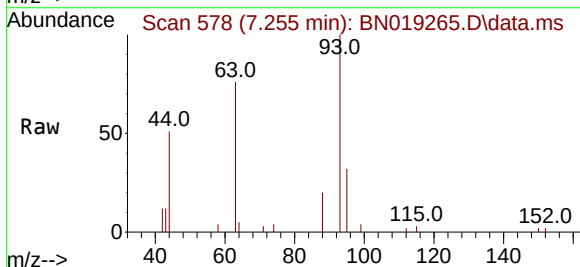
Instrument :  
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ClientSampleId :  
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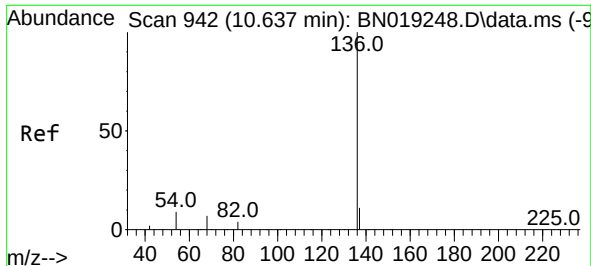
Tgt Ion: 99 Resp: 3497  
Ion Ratio Lower Upper  
99 100  
42 21.8 16.2 24.4  
71 35.3 27.7 41.5



#6  
bis(2-Chloroethyl)ether  
Concen: 0.333 ng  
RT: 7.255 min Scan# 578  
Delta R.T. 0.007 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

Tgt Ion: 93 Resp: 4479  
Ion Ratio Lower Upper  
93 100  
63 84.9 62.8 94.2  
95 35.2 26.2 39.4

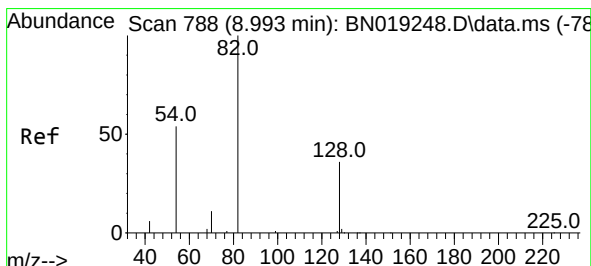
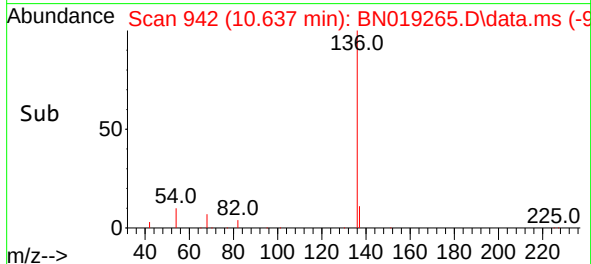
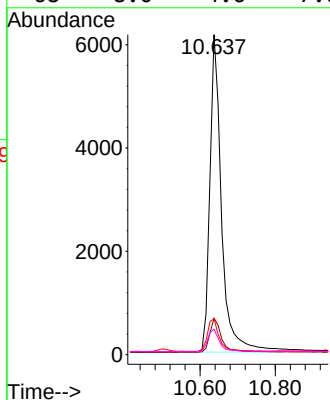
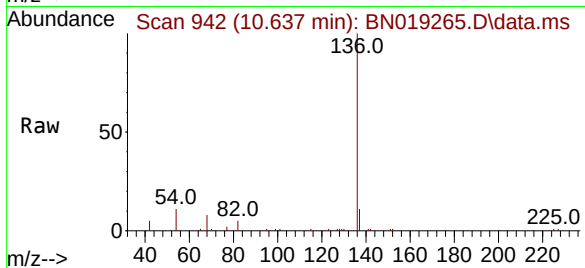




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.637 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

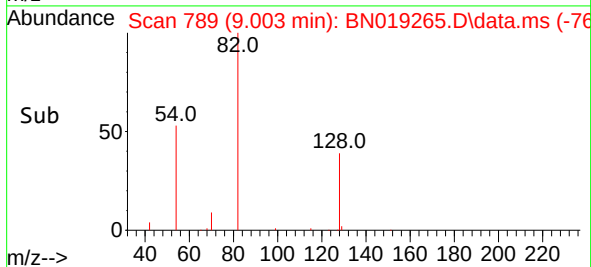
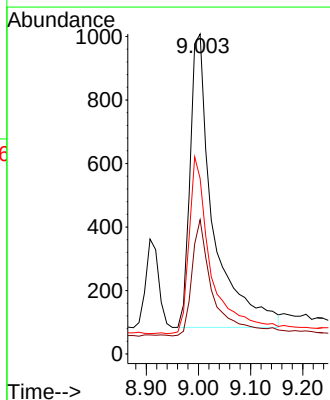
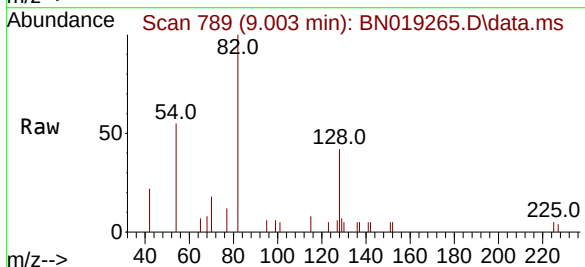
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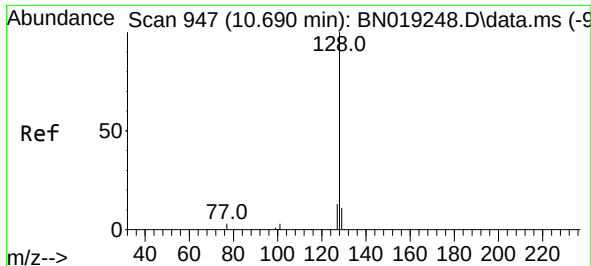
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 13290 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.4  | 9.0   | 13.4  |
| 54       | 11.2  | 5.8   | 8.6#  |
| 68       | 8.0   | 4.6   | 7.0#  |



#8  
Nitrobenzene-d5  
Concen: 0.298 ng  
RT: 9.003 min Scan# 789  
Delta R.T. 0.011 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 2846  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 42.0  | 33.0  | 49.6  |
| 54       | 54.9  | 42.5  | 63.7  |

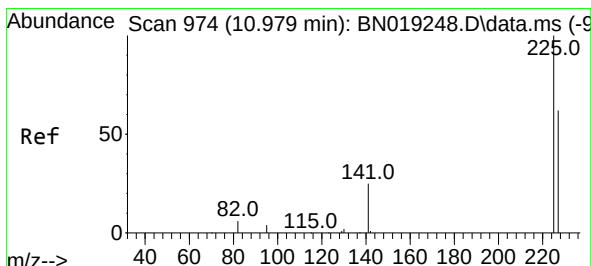
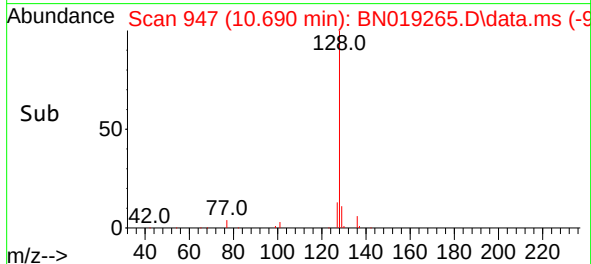
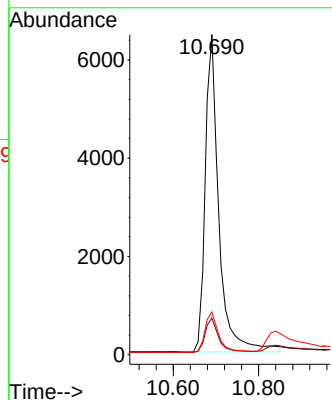
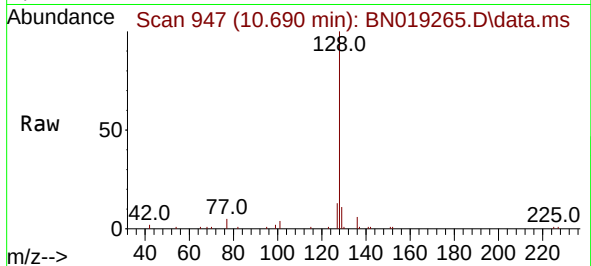




#9  
Naphthalene  
Concen: 0.372 ng  
RT: 10.690 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

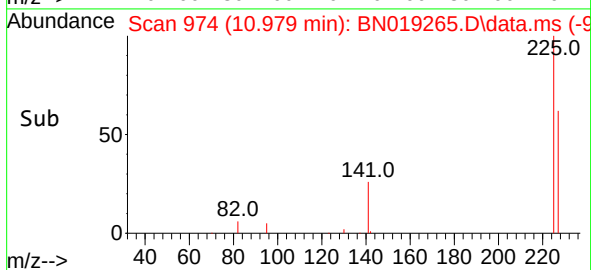
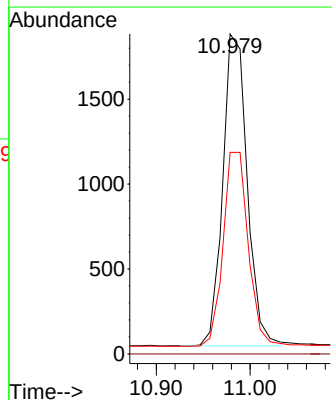
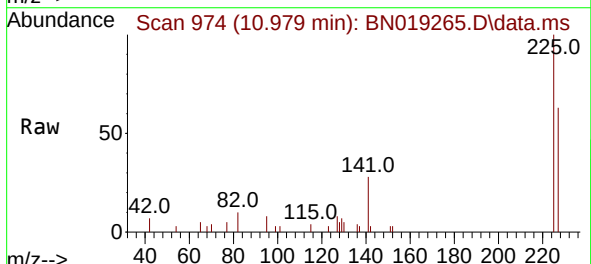
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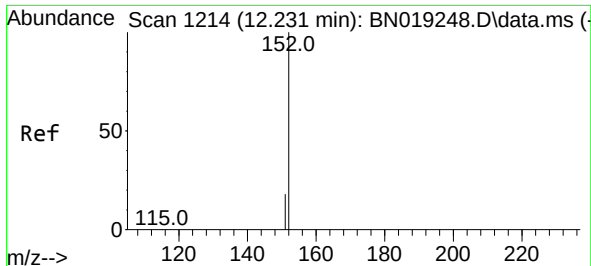
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Ion Ratio Lower Upper  
128 100  
129 11.5 9.0 13.4  
127 13.3 10.7 16.1



#10  
Hexachlorobutadiene  
Concen: 0.369 ng  
RT: 10.979 min Scan# 974  
Delta R.T. -0.000 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

Tgt Ion:225 Resp: 3314  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.2 51.0 76.6

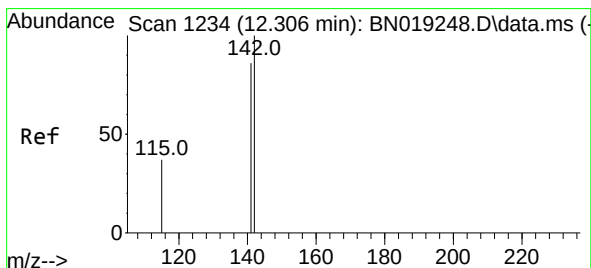
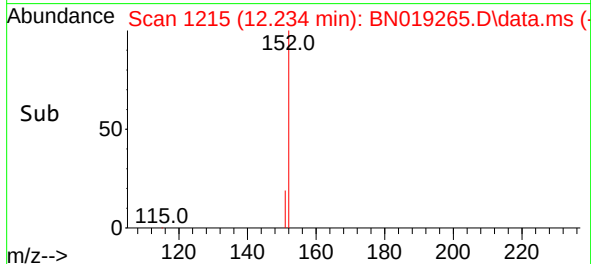
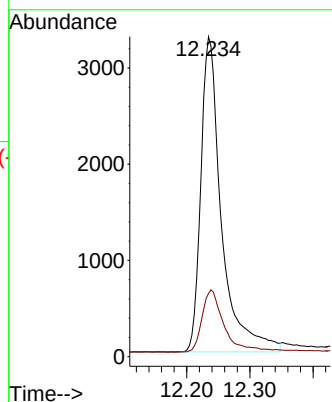
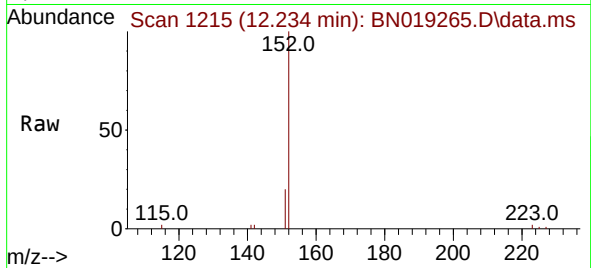




#11  
2-Methylnaphthalene-d10  
Concen: 0.353 ng  
RT: 12.234 min Scan# 11  
Delta R.T. 0.004 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

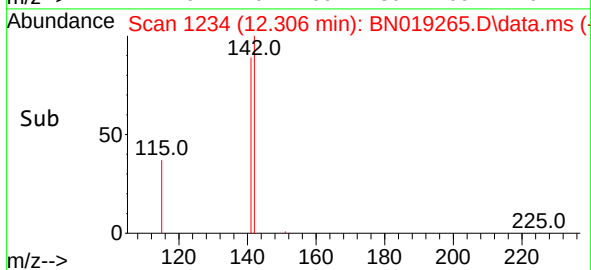
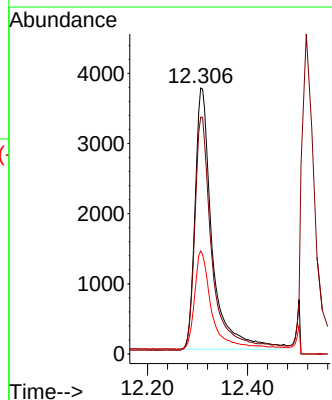
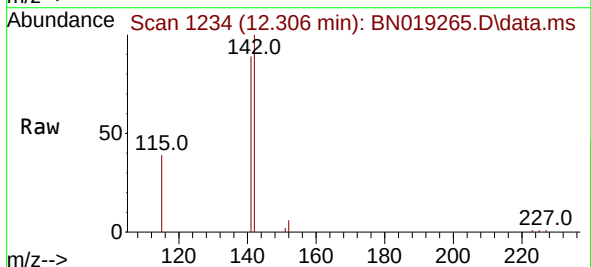
Instrument :  
BNA\_N  
ClientSampleId :  
PB143774BSD

Tgt Ion:152 Resp: 7448  
Ion Ratio Lower Upper  
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151 21.0 16.5 24.7

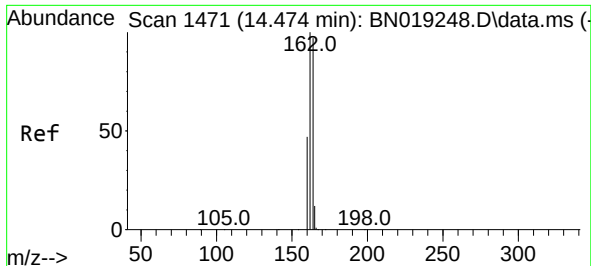


#12  
2-Methylnaphthalene  
Concen: 0.357 ng  
RT: 12.306 min Scan# 1234  
Delta R.T. -0.000 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

Tgt Ion:142 Resp: 8877  
Ion Ratio Lower Upper  
142 100  
141 89.1 70.0 105.0  
115 38.7 29.8 44.8



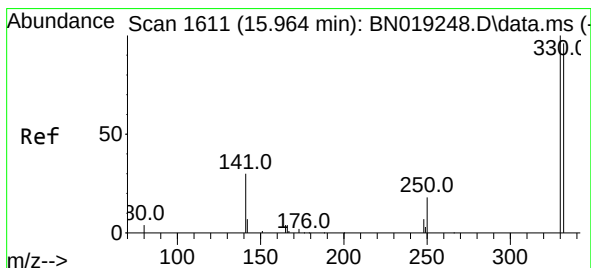
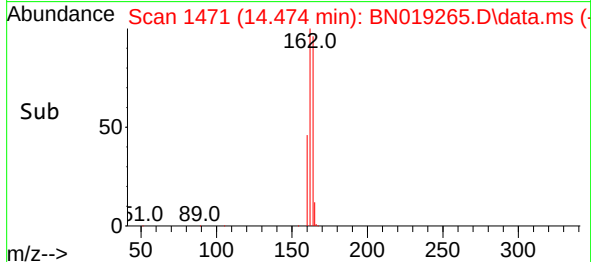
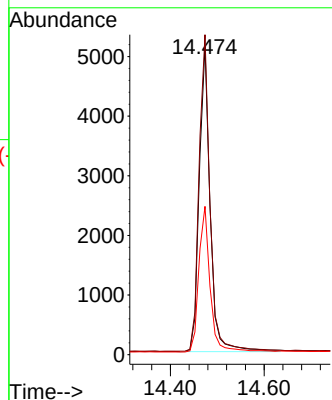
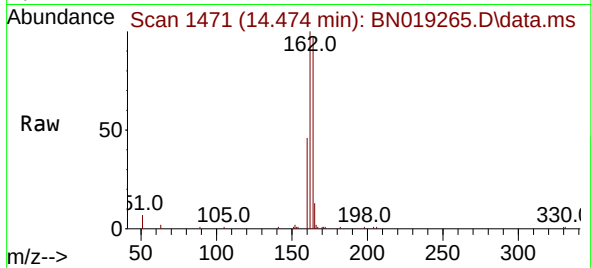




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.474 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

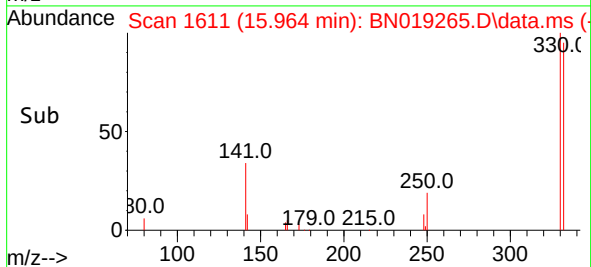
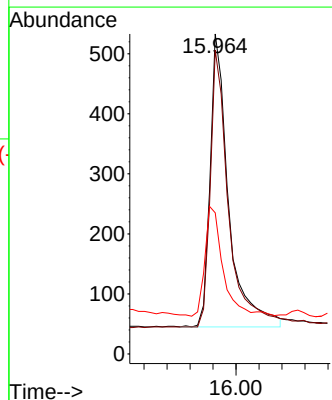
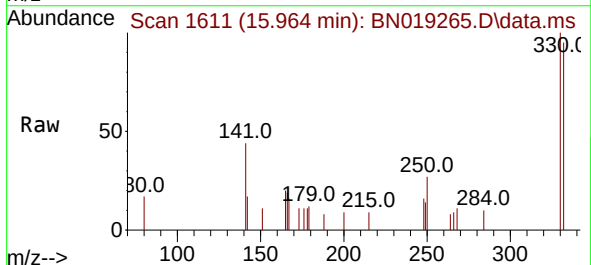
Instrument :  
BNA\_N  
ClientSampleId :  
PB143774BSD

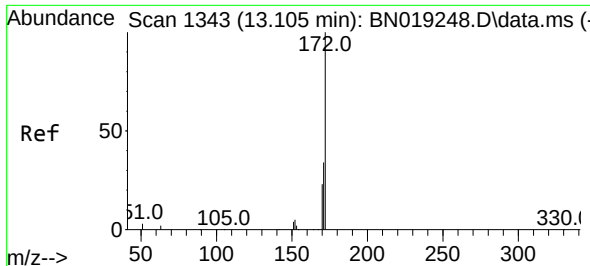
Tgt Ion:164 Resp: 8307  
Ion Ratio Lower Upper  
164 100  
162 103.6 85.2 127.8  
160 48.1 41.5 62.3



#14  
2,4,6-Tribromophenol  
Concen: 0.283 ng  
RT: 15.964 min Scan# 1611  
Delta R.T. -0.000 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

Tgt Ion:330 Resp: 1100  
Ion Ratio Lower Upper  
330 100  
332 93.2 76.8 115.2  
141 36.5 32.2 48.2

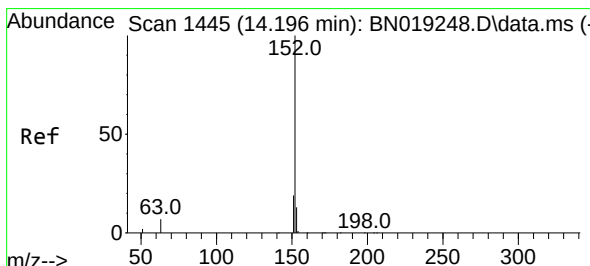
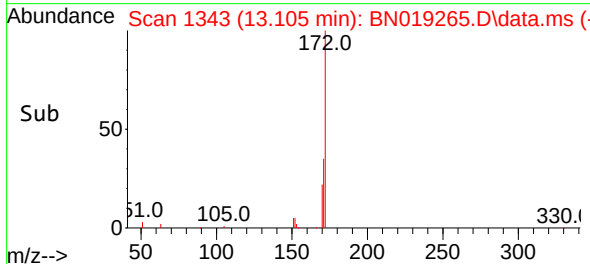
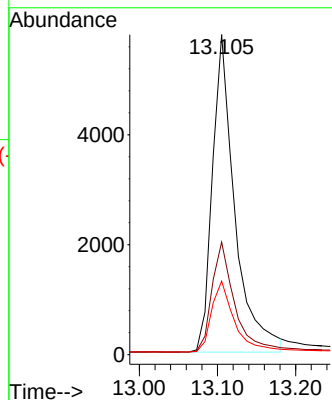
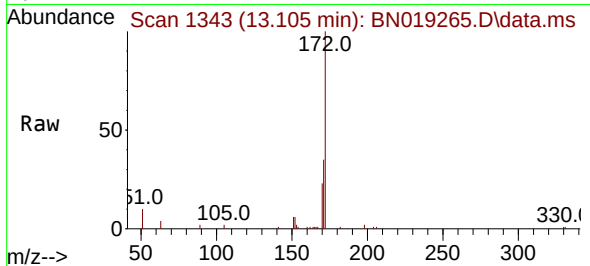




#15  
2-Fluorobiphenyl  
Concen: 0.346 ng  
RT: 13.105 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

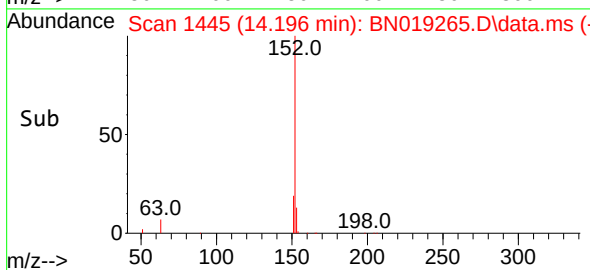
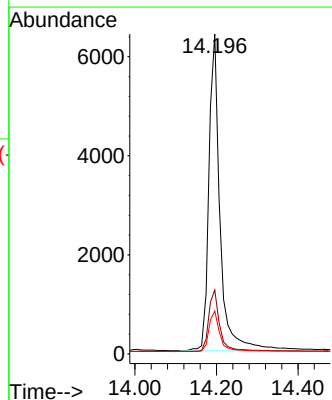
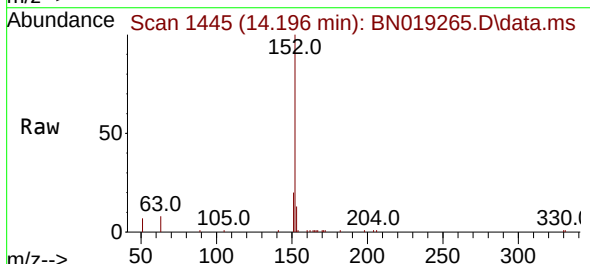
Instrument :  
BNA\_N  
ClientSampleId :  
PB143774BSD

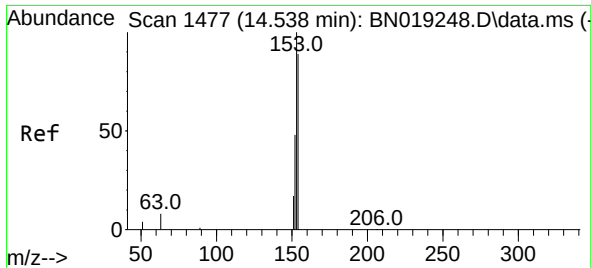
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 11538 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 35.2  | 28.2  | 42.2  |
| 170       | 23.0  | 18.7  | 28.1  |



#16  
Acenaphthylene  
Concen: 0.318 ng  
RT: 14.196 min Scan# 1445  
Delta R.T. -0.000 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 12159 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.7  | 15.9  | 23.9  |
| 153       | 13.0  | 10.6  | 15.8  |

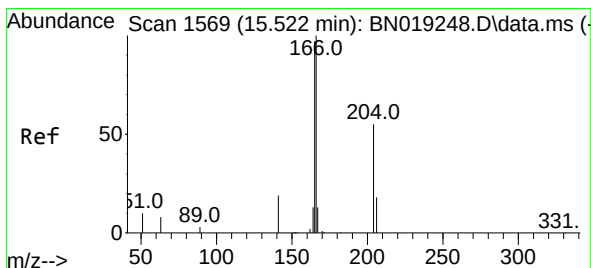
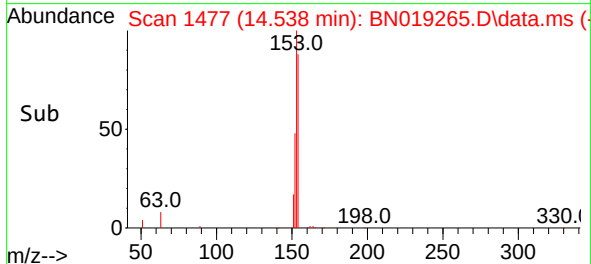
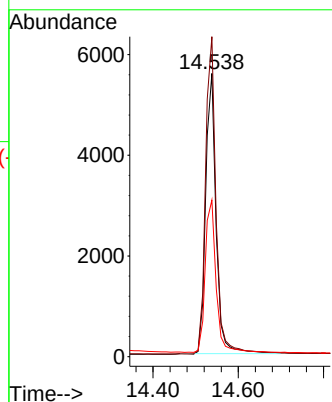
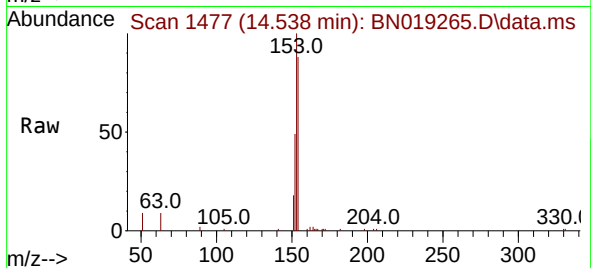




#17  
Acenaphthene  
Concen: 0.347 ng  
RT: 14.538 min Scan# 1477  
Delta R.T. -0.000 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

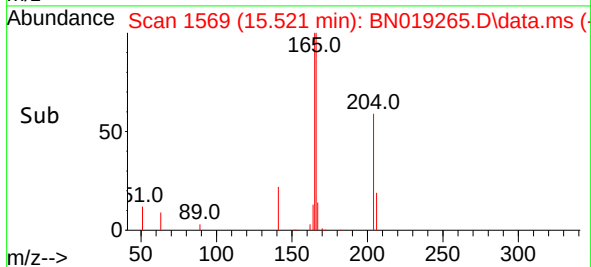
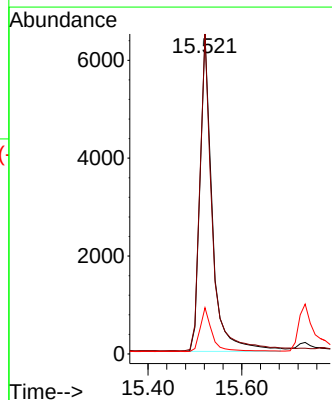
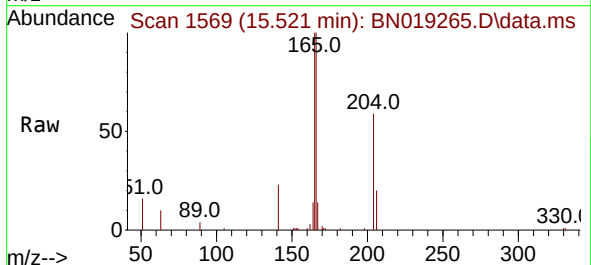
Instrument :  
BNA\_N  
ClientSampleId :  
PB143774BSD

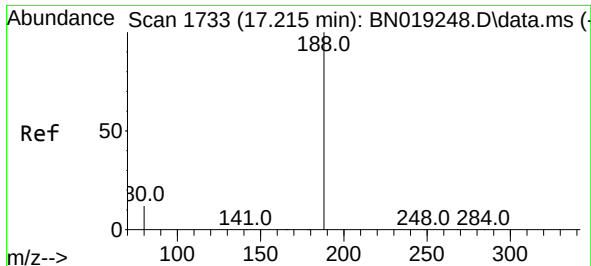
Tgt Ion:154 Resp: 9438  
Ion Ratio Lower Upper  
154 100  
153 114.7 89.7 134.5  
152 56.3 44.7 67.1



#18  
Fluorene  
Concen: 0.347 ng  
RT: 15.521 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

Tgt Ion:166 Resp: 11821  
Ion Ratio Lower Upper  
166 100  
165 98.8 79.2 118.8  
167 13.6 10.7 16.1

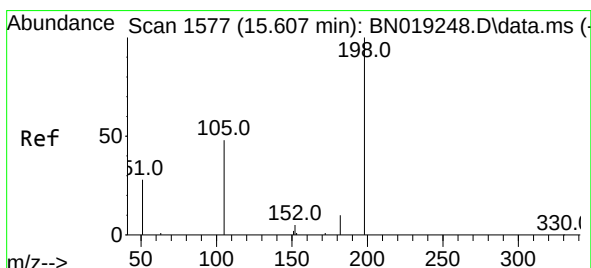
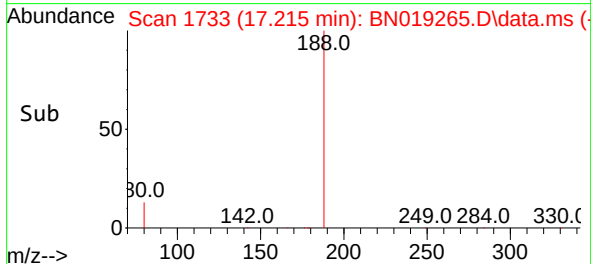
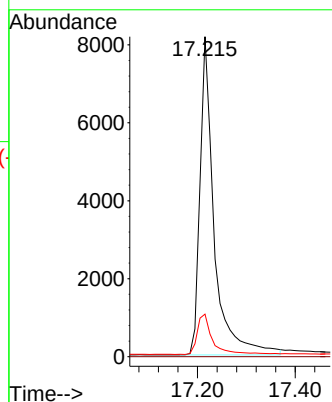
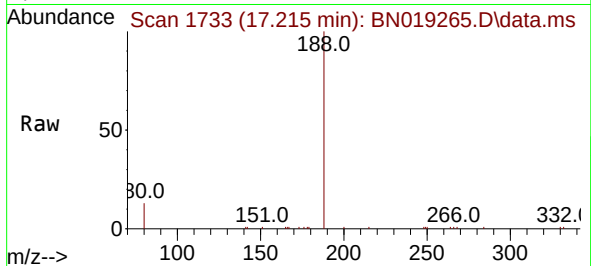




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.215 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

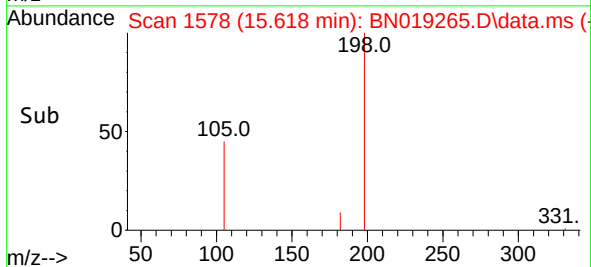
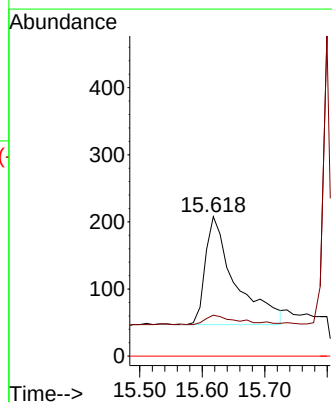
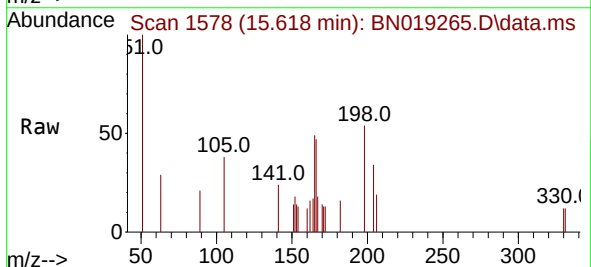
Instrument :  
BNA\_N  
ClientSampleId :  
PB143774BSD

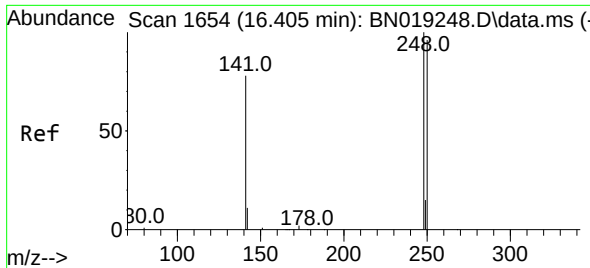
Tgt Ion:188 Resp: 16440  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.3 11.8 17.8



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.279 ng  
RT: 15.618 min Scan# 1578  
Delta R.T. 0.011 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

Tgt Ion:198 Resp: 532  
Ion Ratio Lower Upper  
198 100  
182 29.3 13.0 19.4#  
77 0.0 0.0 0.0

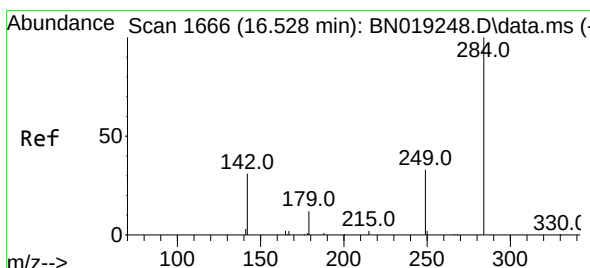
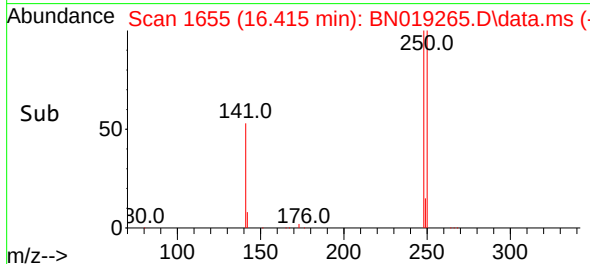
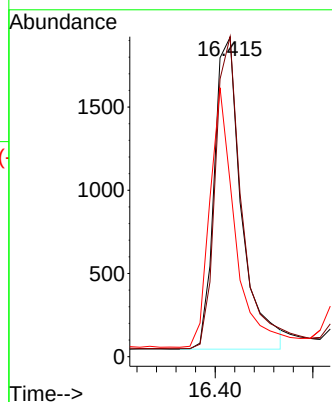
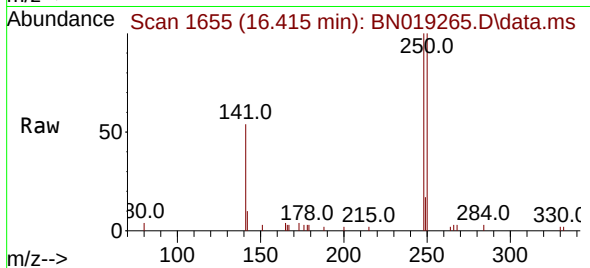




#21  
4-Bromophenyl-phenylether  
Concen: 0.345 ng  
RT: 16.415 min Scan# 1655  
Delta R.T. 0.010 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

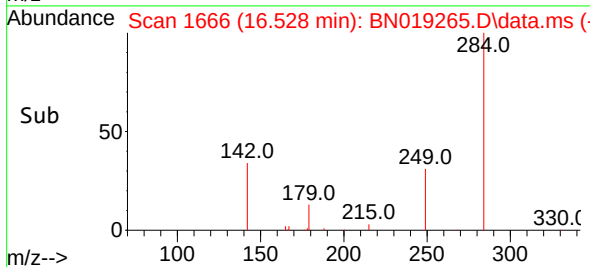
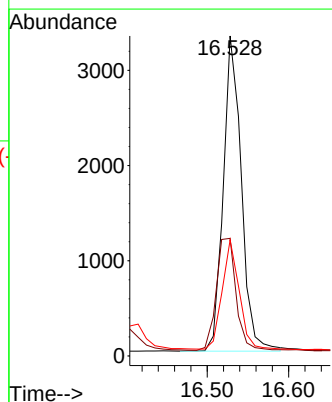
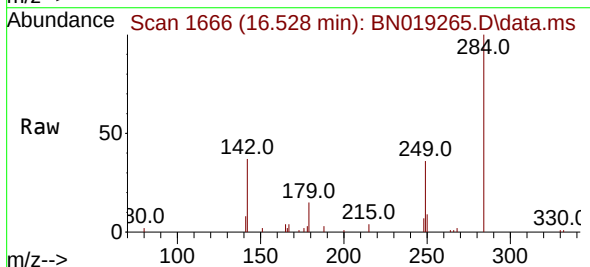
Instrument :  
BNA\_N  
ClientSampleId :  
PB143774BSD

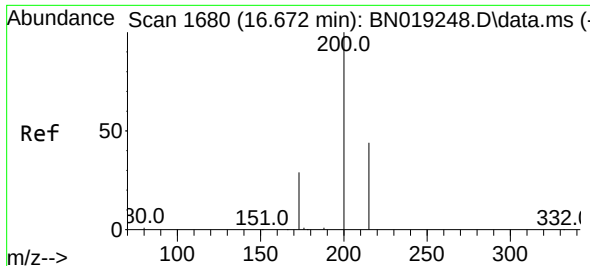
Tgt Ion:248 Resp: 3638  
Ion Ratio Lower Upper  
248 100  
250 100.2 80.7 121.1  
141 54.5 39.6 59.4



#22  
Hexachlorobenzene  
Concen: 0.371 ng  
RT: 16.528 min Scan# 1666  
Delta R.T. -0.000 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

Tgt Ion:284 Resp: 5089  
Ion Ratio Lower Upper  
284 100  
142 38.8 29.8 44.8  
249 32.5 26.2 39.2

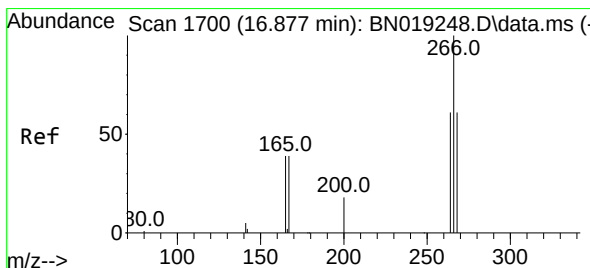
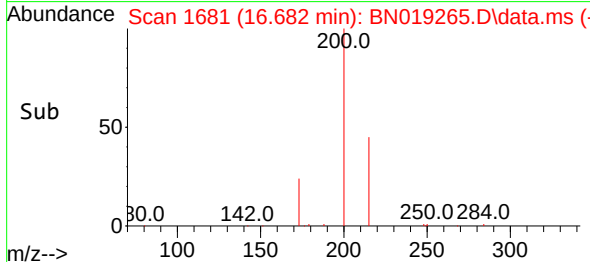
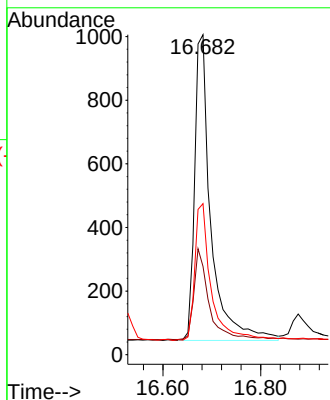
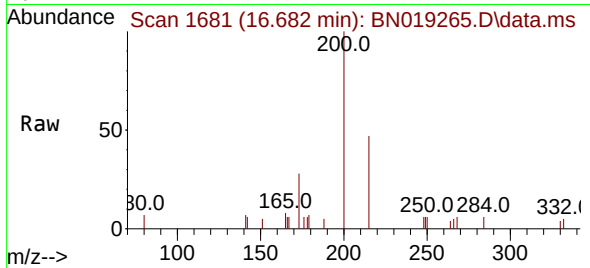




#23  
 Atrazine  
 Concen: 0.306 ng  
 RT: 16.682 min Scan# 1  
 Delta R.T. 0.010 min  
 Lab File: BN019265.D  
 Acq: 31 Mar 2022 23:06

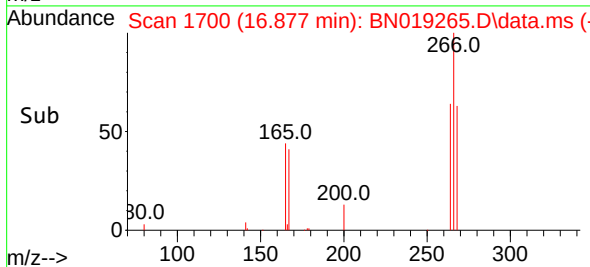
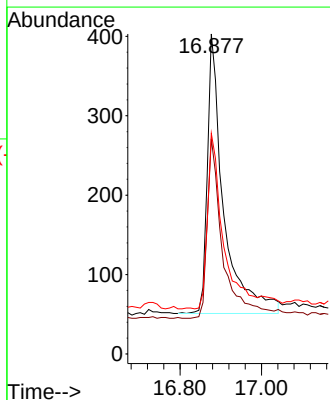
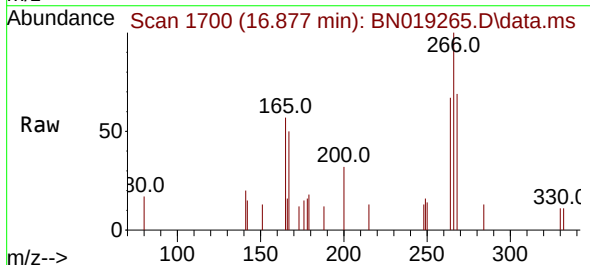
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB143774BSD

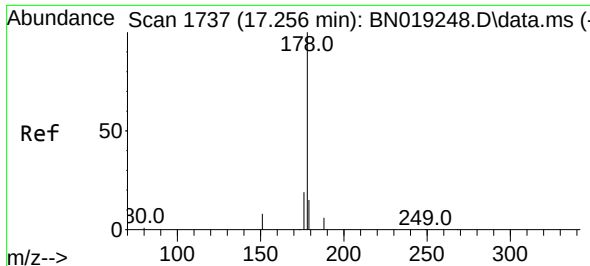
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 2215 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 27.6  | 23.9  | 35.9 |
| 215       | 47.2  | 36.6  | 54.8 |



#24  
 Pentachlorophenol  
 Concen: 0.247 ng  
 RT: 16.877 min Scan# 1700  
 Delta R.T. -0.000 min  
 Lab File: BN019265.D  
 Acq: 31 Mar 2022 23:06

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 978  |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 61.9  | 50.2  | 75.4 |
| 268       | 60.3  | 51.9  | 77.9 |

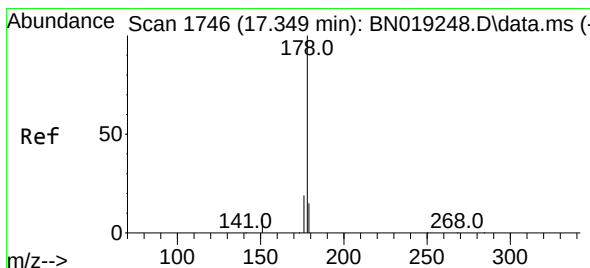
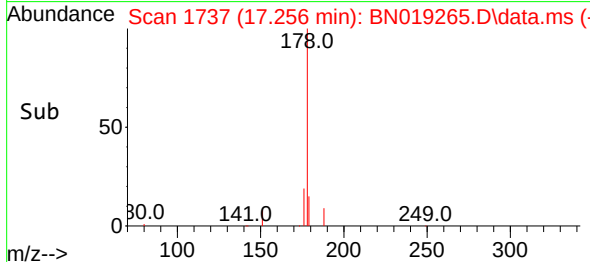
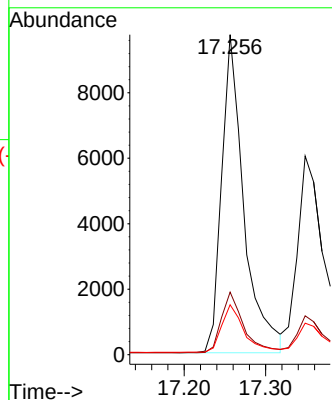
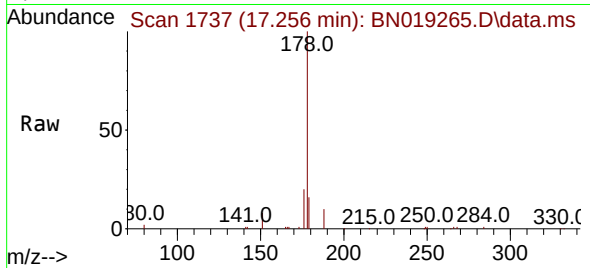




#25  
Phenanthrene  
Concen: 0.356 ng  
RT: 17.256 min Scan# 1737  
Delta R.T. -0.000 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

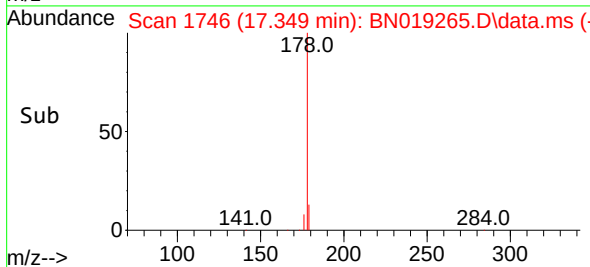
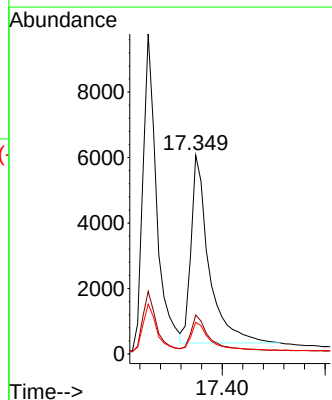
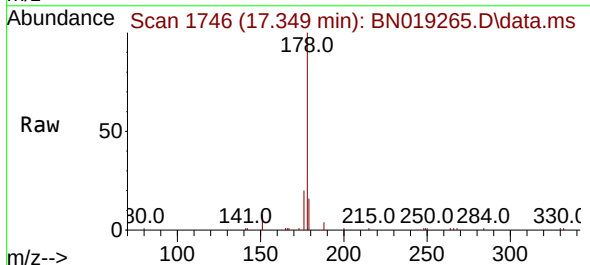
Instrument :  
BNA\_N  
ClientSampleId :  
PB143774BSD

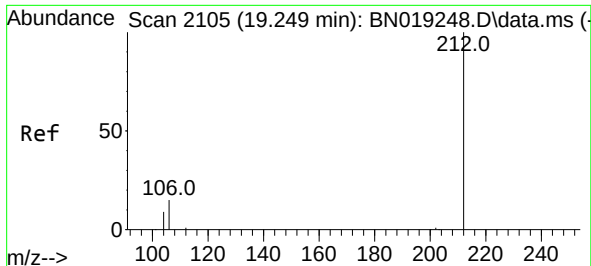
Tgt Ion:178 Resp: 18420  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.4 23.0  
179 15.4 12.2 18.2



#26  
Anthracene  
Concen: 0.322 ng  
RT: 17.349 min Scan# 1746  
Delta R.T. -0.000 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

Tgt Ion:178 Resp: 13798  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.8 22.2  
179 15.3 12.2 18.4

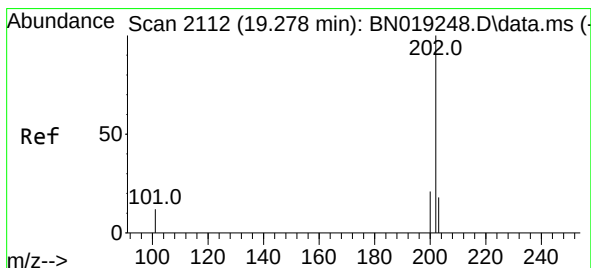
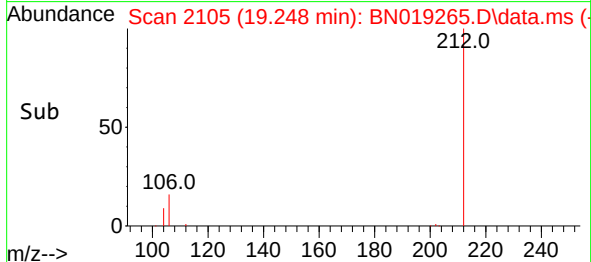
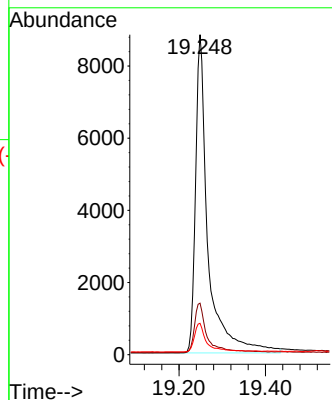
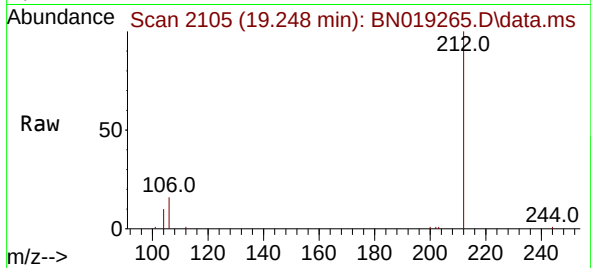




#27  
Fluoranthene-d10  
Concen: 0.357 ng  
RT: 19.248 min Scan# 2105  
Delta R.T. -0.000 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

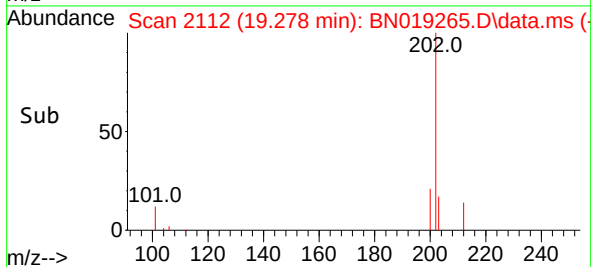
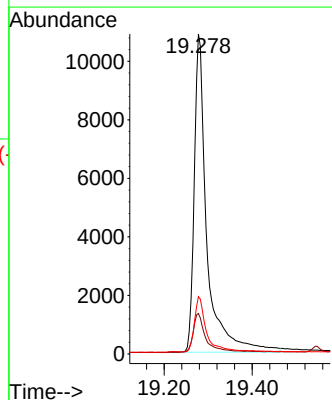
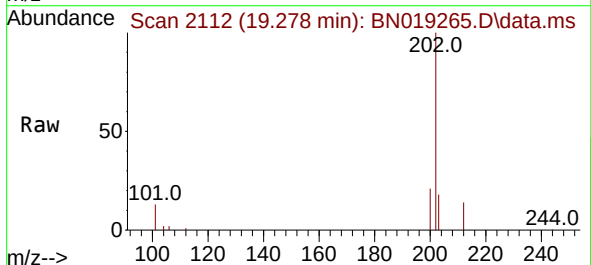
Instrument :  
BNA\_N  
ClientSampleId :  
PB143774BSD

Tgt Ion:212 Resp: 17612  
Ion Ratio Lower Upper  
212 100  
106 15.4 12.7 19.1  
104 9.0 7.1 10.7

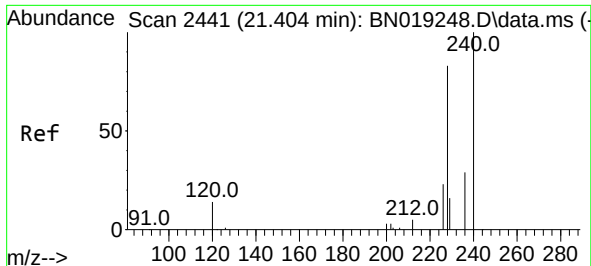


#28  
Fluoranthene  
Concen: 0.353 ng  
RT: 19.278 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

Tgt Ion:202 Resp: 21824  
Ion Ratio Lower Upper  
202 100  
101 11.9 9.8 14.6  
203 17.0 13.7 20.5



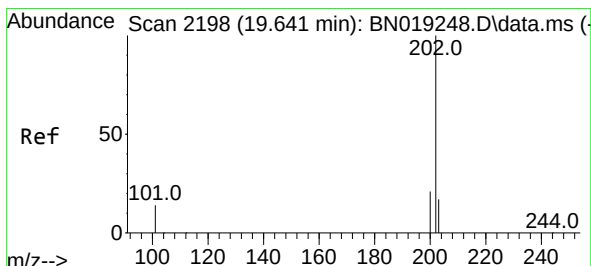
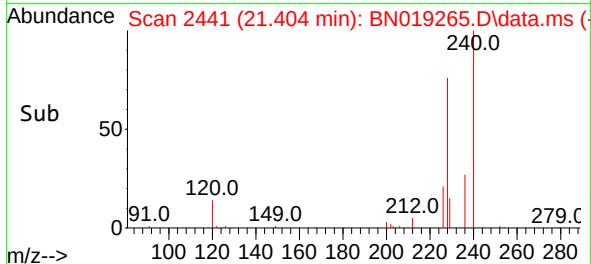
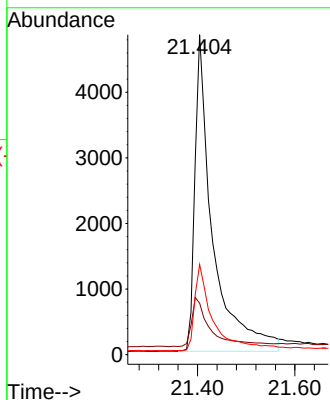
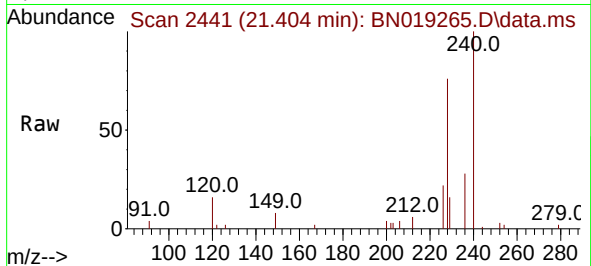




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.404 min Scan# 2441  
Delta R.T. -0.000 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

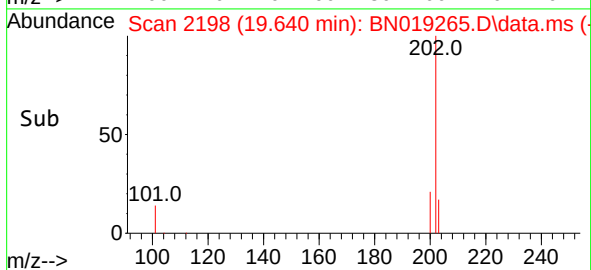
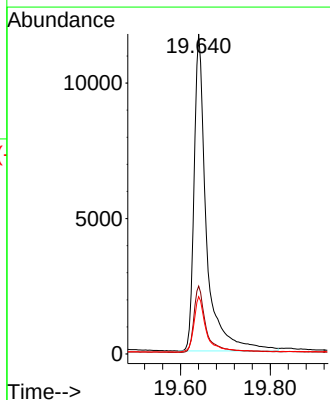
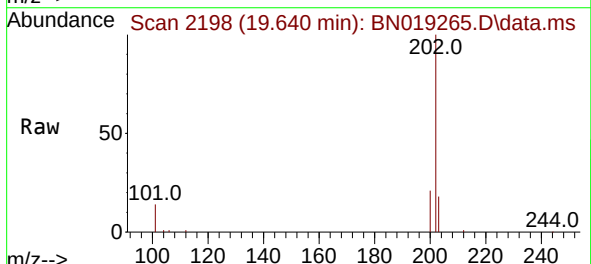
Instrument :  
BNA\_N  
ClientSampleId :  
PB143774BSD

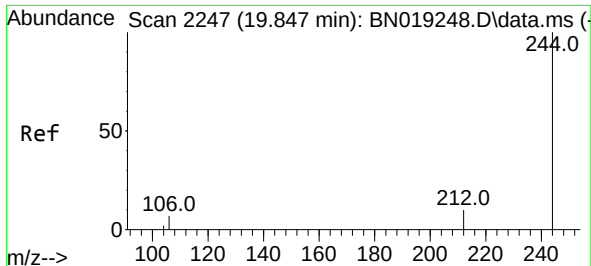
Tgt Ion:240 Resp: 12224  
Ion Ratio Lower Upper  
240 100  
120 16.1 8.5 12.7#  
236 28.2 22.4 33.6



#30  
Pyrene  
Concen: 0.371 ng  
RT: 19.640 min Scan# 2198  
Delta R.T. -0.000 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

Tgt Ion:202 Resp: 22400  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.9 25.3  
203 17.3 14.2 21.2

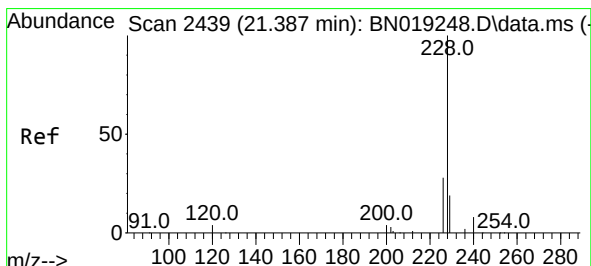
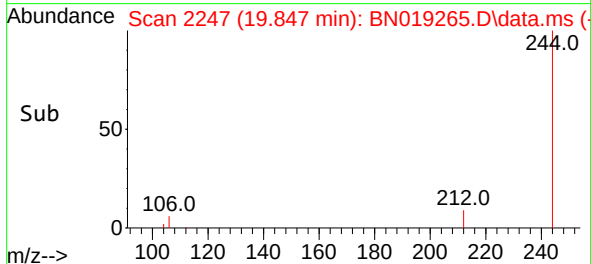
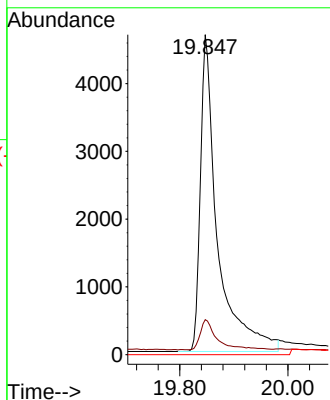
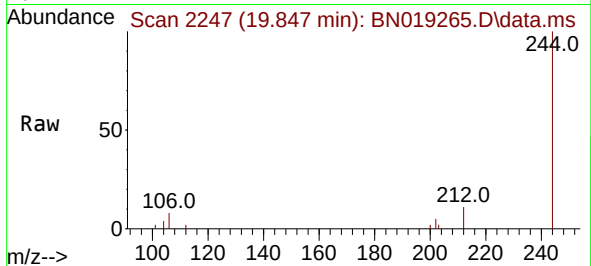




#31  
 Terphenyl-d14  
 Concen: 0.377 ng  
 RT: 19.847 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN019265.D  
 Acq: 31 Mar 2022 23:06

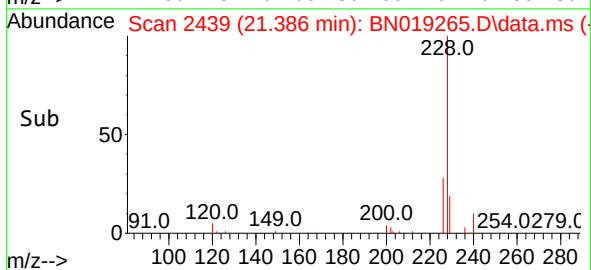
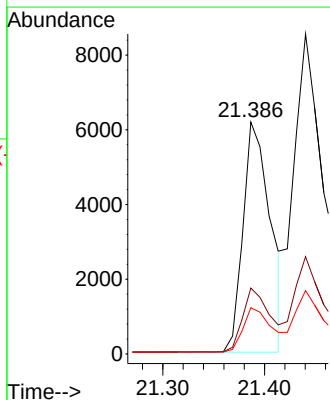
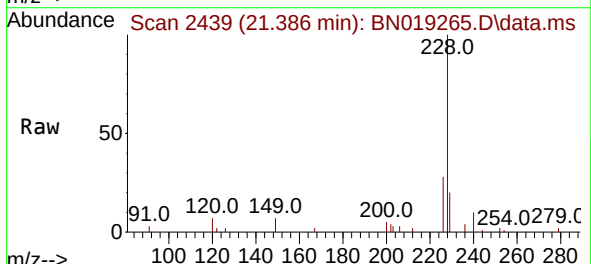
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB143774BSD

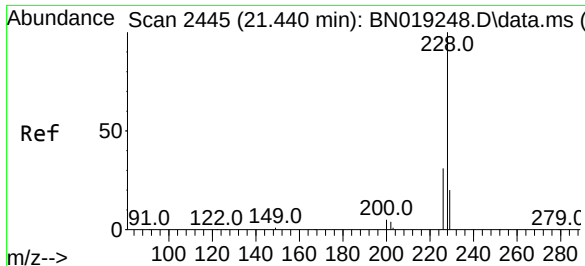
Tgt Ion:244 Resp: 10256  
 Ion Ratio Lower Upper  
 244 100  
 212 10.9 8.2 12.4  
 122 0.0 0.0 0.0



#32  
 Benzo(a)anthracene  
 Concen: 0.299 ng  
 RT: 21.386 min Scan# 2439  
 Delta R.T. -0.000 min  
 Lab File: BN019265.D  
 Acq: 31 Mar 2022 23:06

Tgt Ion:228 Resp: 11467  
 Ion Ratio Lower Upper  
 228 100  
 226 28.4 21.9 32.9  
 229 20.0 16.0 24.0





#33

Chrysene

Concen: 0.354 ng

RT: 21.440 min Scan# 2445

Delta R.T. -0.000 min

Lab File: BN019265.D

Acq: 31 Mar 2022 23:06

Instrument :

BNA\_N

ClientSampleId :

PB143774BSD

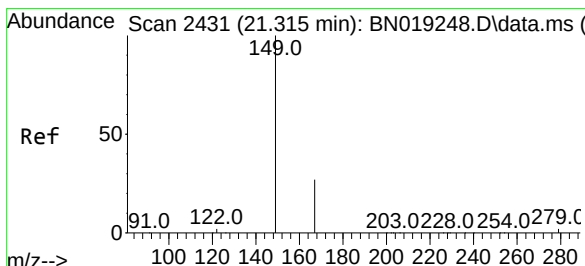
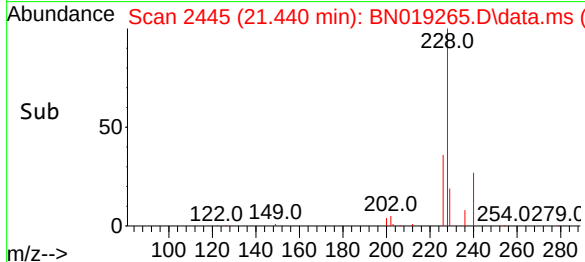
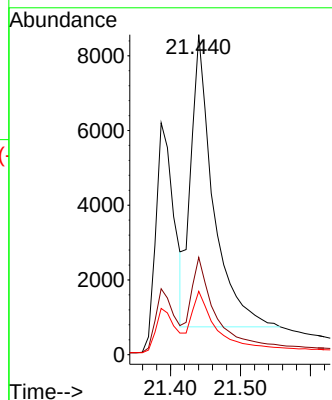
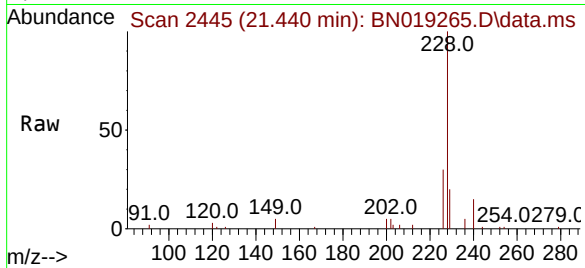
Tgt Ion:228 Resp: 17331

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

229 19.8 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.313 ng

RT: 21.315 min Scan# 2431

Delta R.T. -0.000 min

Lab File: BN019265.D

Acq: 31 Mar 2022 23:06

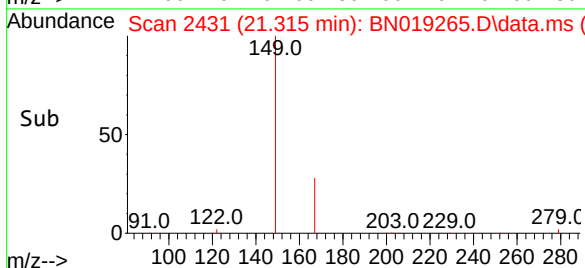
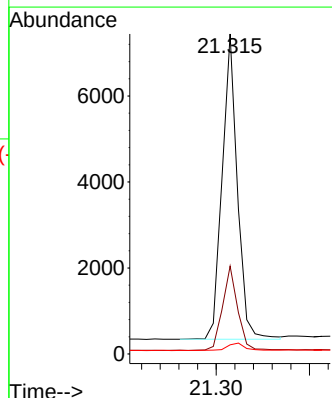
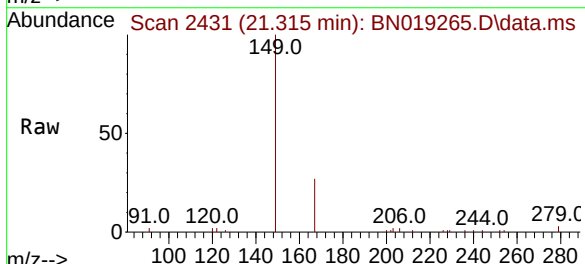
Tgt Ion:149 Resp: 8012

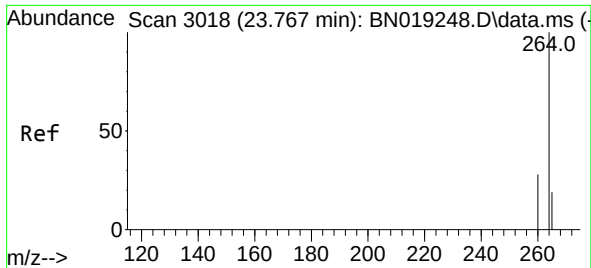
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

279 3.2 2.0 3.0#

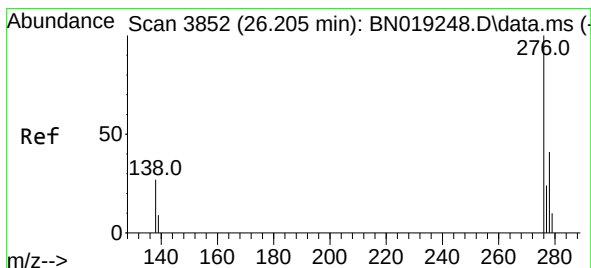
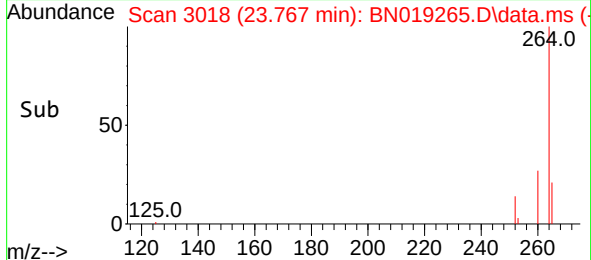
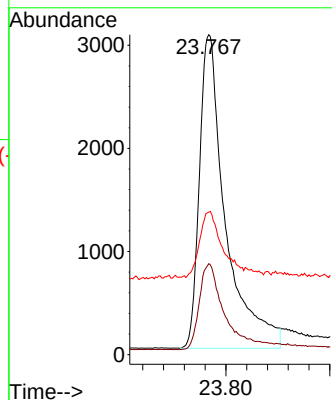
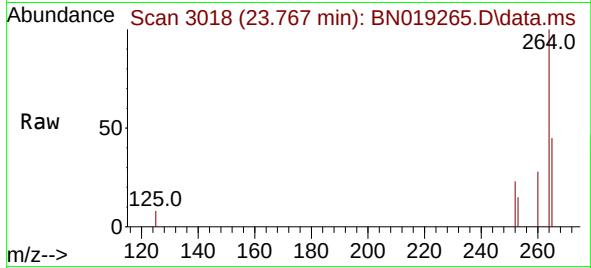




#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.767 min Scan# 3018  
Delta R.T. -0.000 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

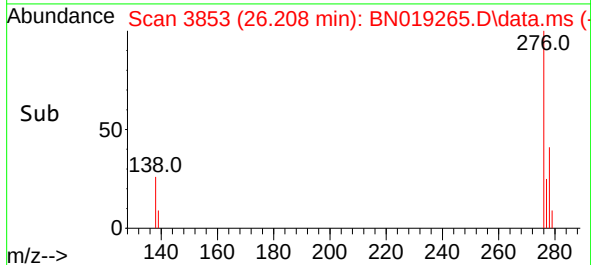
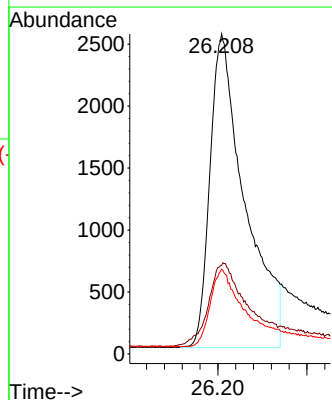
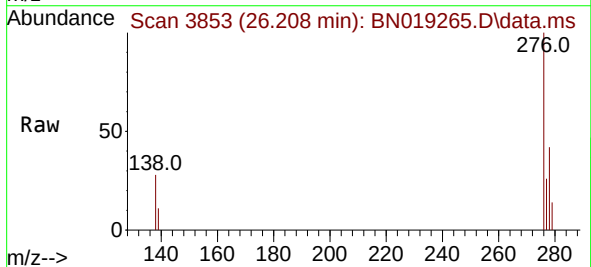
Instrument :  
BNA\_N  
ClientSampleId :  
PB143774BSD

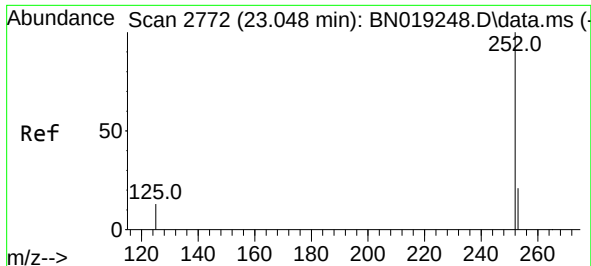
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 10571     |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 28.5  | 22.4 33.6 |
| 265         | 44.6  | 25.3 37.9 |



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.319 ng  
RT: 26.208 min Scan# 3853  
Delta R.T. 0.003 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:276 | Resp: | 13768     |
| Ion Ratio   | Lower | Upper     |
| 276         | 100   |           |
| 138         | 27.1  | 24.5 36.7 |
| 277         | 24.8  | 19.8 29.8 |

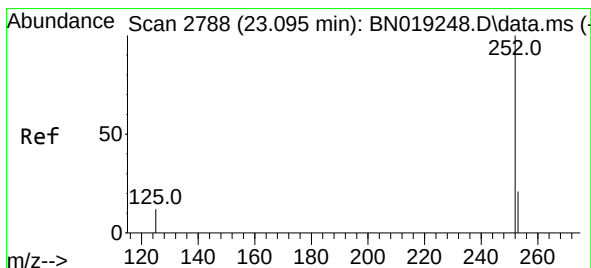
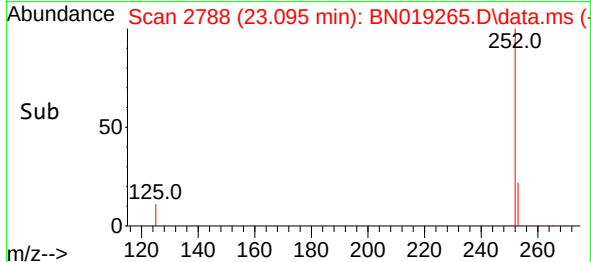
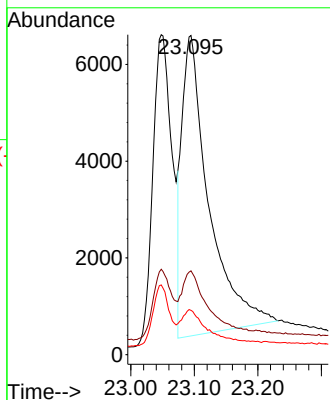
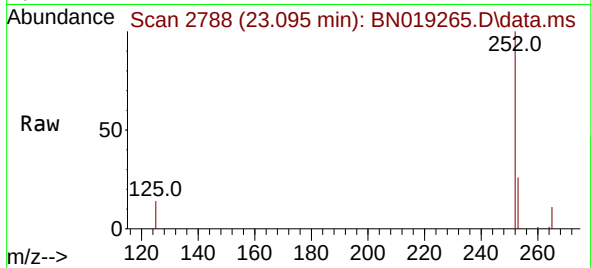




#37  
Benzo(b)fluoranthene  
Concen: 0.466 ng  
RT: 23.095 min Scan# 21  
Delta R.T. 0.047 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

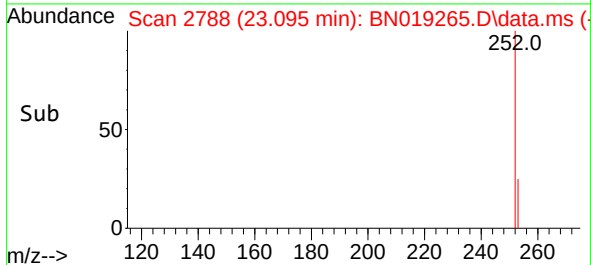
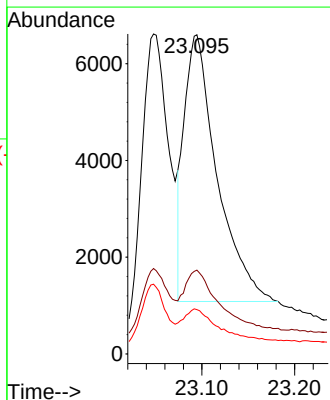
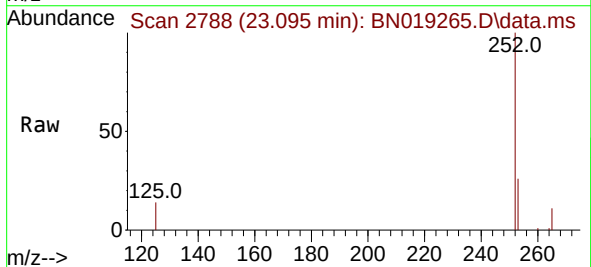
Instrument :  
BNA\_N  
ClientSampleId :  
PB143774BSD

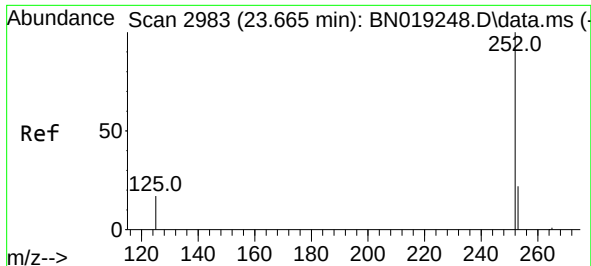
Tgt Ion:252 Resp: 18313  
Ion Ratio Lower Upper  
252 100  
253 26.2 18.9 28.3  
125 13.9 12.1 18.1



#38  
Benzo(k)fluoranthene  
Concen: 0.321 ng  
RT: 23.095 min Scan# 2788  
Delta R.T. -0.000 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

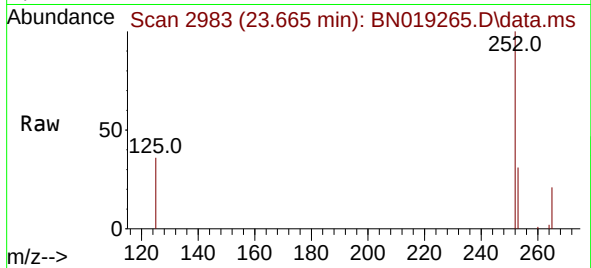
Tgt Ion:252 Resp: 13611  
Ion Ratio Lower Upper  
252 100  
253 26.2 18.9 28.3  
125 13.9 10.3 15.5



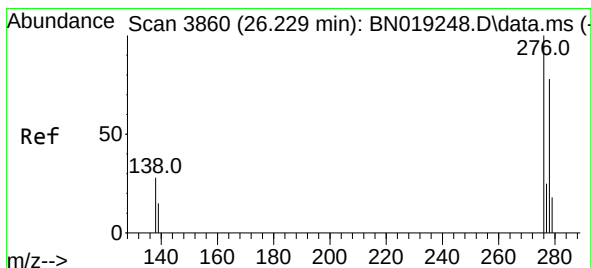
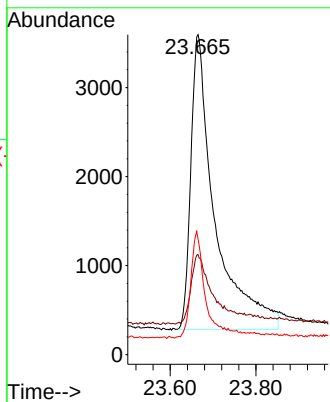
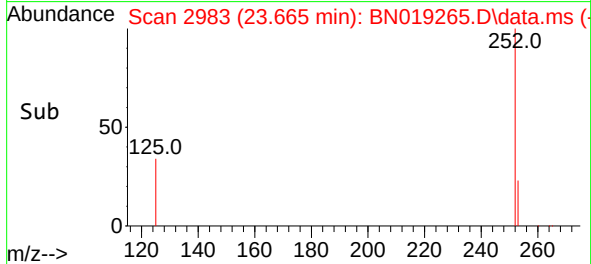


#39  
Benzo(a)pyrene  
Concen: 0.363 ng  
RT: 23.665 min Scan# 2983  
Delta R.T. -0.000 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

Instrument :  
BNA\_N  
ClientSampleId :  
PB143774BSD

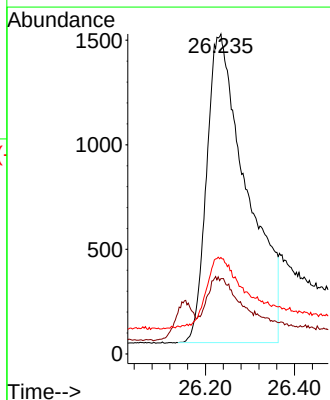
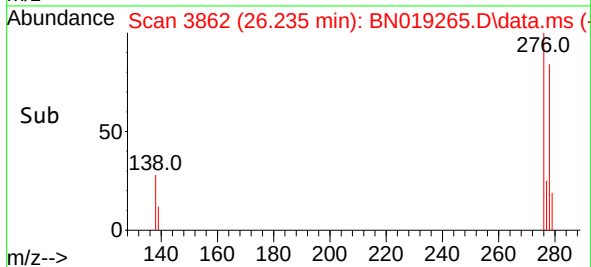
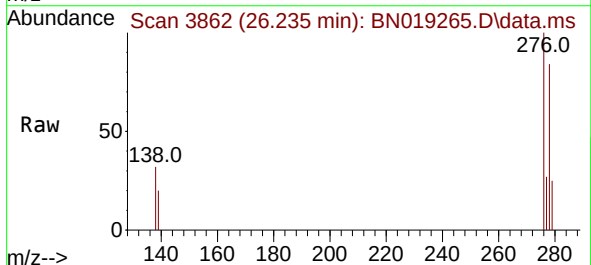


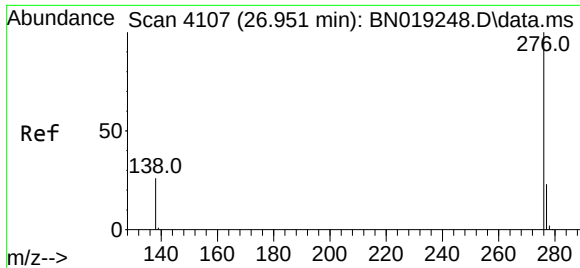
Tgt Ion:252 Resp: 12935  
Ion Ratio Lower Upper  
252 100  
253 31.3 20.1 30.1#  
125 36.2 15.2 22.8#



#40  
Dibenzo(a,h)anthracene  
Concen: 0.293 ng  
RT: 26.235 min Scan# 3862  
Delta R.T. 0.006 min  
Lab File: BN019265.D  
Acq: 31 Mar 2022 23:06

Tgt Ion:278 Resp: 9242  
Ion Ratio Lower Upper  
278 100  
139 23.5 17.2 25.8  
279 30.1 19.9 29.9#





#41

Benzo(g,h,i)perylene

Concen: 0.351 ng

RT: 26.951 min Scan# 41

Delta R.T. -0.000 min

Lab File: BN019265.D

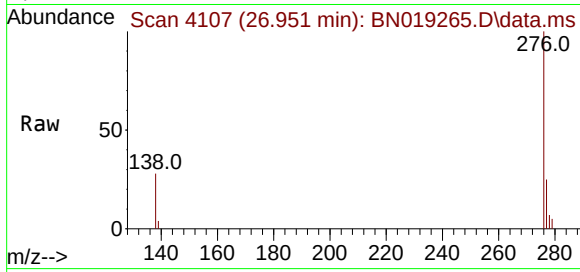
Acq: 31 Mar 2022 23:06

Instrument :

BNA\_N

ClientSampleId :

PB143774BSD



Tgt Ion:276 Resp: 15480

Ion Ratio Lower Upper

276 100

277 24.8 19.4 29.0

138 27.6 21.0 31.6

