

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040422\  
 Data File : BN019318.D  
 Acq On : 04 Apr 2022 14:24  
 Operator : CG/JU  
 Sample : SSTDICCC0.4  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICCC0.4

Quant Time: Apr 04 15:27:21 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 15:25:41 2022  
 Response via : Initial Calibration

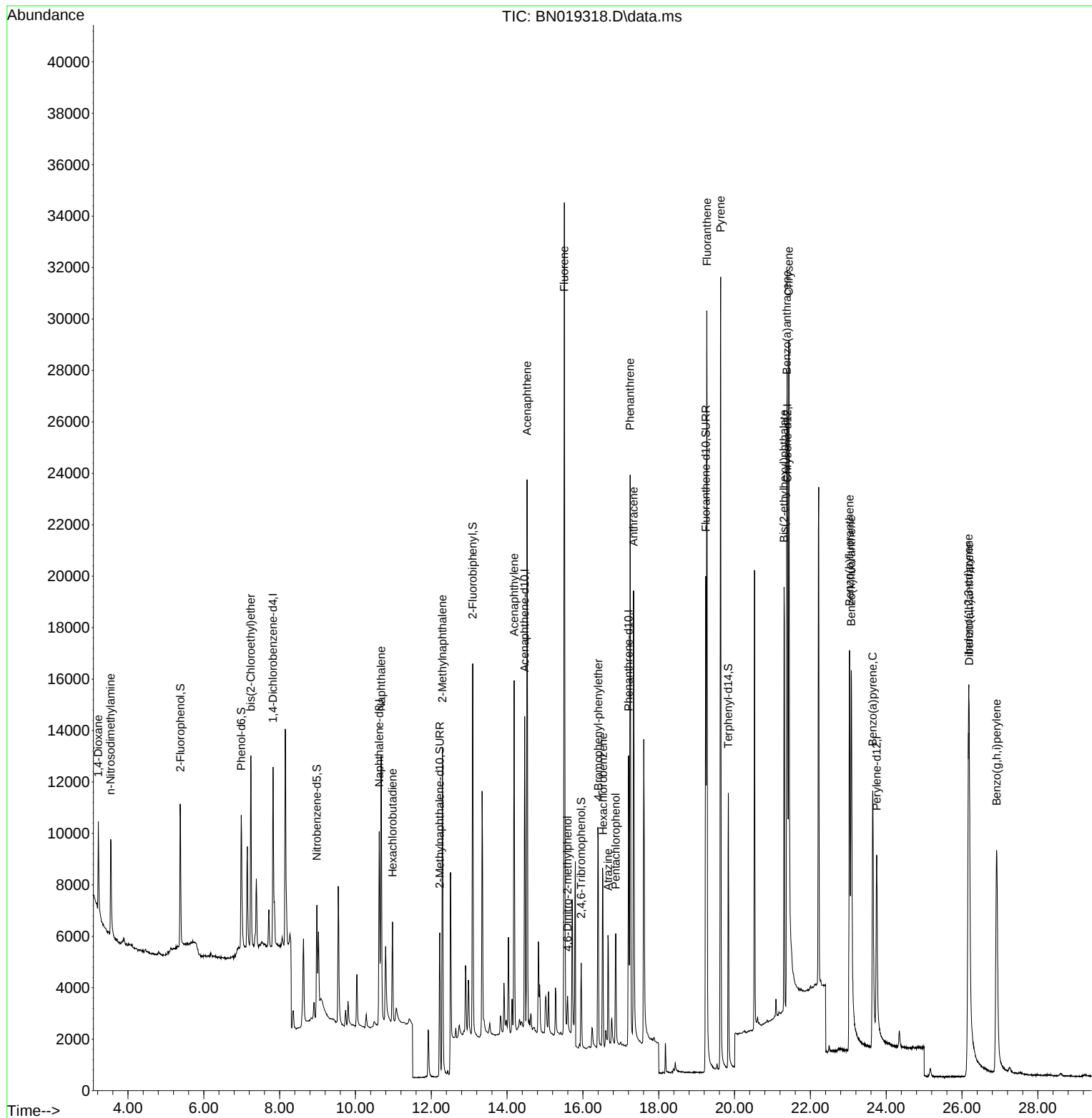
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.825  | 152  | 3578     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.626 | 136  | 10274    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.463 | 164  | 6967     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.205 | 188  | 15291    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.395 | 240  | 13062    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.749 | 264  | 12510    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.384  | 112  | 4579     | 0.585 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.988  | 99   | 5204     | 0.627 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.982  | 82   | 4087     | 0.554 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.223 | 152  | 8175     | 0.501 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.954 | 330  | 1871     | 0.574 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.095 | 172  | 13026    | 0.466 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.240 | 212  | 22547    | 0.491 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.834 | 244  | 13158    | 0.453 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.218  | 88   | 1917     | 0.403 | ng    | 86       |
| 3) n-Nitrosodimethylamine     | 3.543  | 42   | 2674     | 0.539 | ng    | # 99     |
| 6) bis(2-Chloroethyl)ether    | 7.240  | 93   | 5456     | 0.551 | ng    | 98       |
| 9) Naphthalene                | 10.680 | 128  | 13965    | 0.469 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.979 | 225  | 3097     | 0.445 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.295 | 142  | 9628     | 0.501 | ng    | 97       |
| 16) Acenaphthylene            | 14.185 | 152  | 15021    | 0.468 | ng    | 100      |
| 17) Acenaphthene              | 14.527 | 154  | 10149    | 0.444 | ng    | 98       |
| 18) Fluorene                  | 15.511 | 166  | 13707    | 0.480 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.596 | 198  | 1120     | 0.592 | ng    | # 75     |
| 21) 4-Bromophenyl-phenylether | 16.405 | 248  | 4626     | 0.471 | ng    | 97       |
| 22) Hexachlorobenzene         | 16.528 | 284  | 5487     | 0.430 | ng    | 99       |
| 23) Atrazine                  | 16.661 | 200  | 3884     | 0.577 | ng    | 97       |
| 24) Pentachlorophenol         | 16.866 | 266  | 2160     | 0.587 | ng    | 98       |
| 25) Phenanthrene              | 17.246 | 178  | 23145    | 0.481 | ng    | 100      |
| 26) Anthracene                | 17.338 | 178  | 19969    | 0.502 | ng    | 100      |
| 28) Fluoranthene              | 19.270 | 202  | 27736    | 0.483 | ng    | 100      |
| 30) Pyrene                    | 19.632 | 202  | 28771    | 0.446 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.377 | 228  | 21432    | 0.524 | ng    | 99       |
| 33) Chrysene                  | 21.431 | 228  | 24972    | 0.477 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.306 | 149  | 16364    | 0.598 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 26.173 | 276  | 24214    | 0.474 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.033 | 252  | 21202    | 0.456 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 23.080 | 252  | 22760    | 0.454 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.644 | 252  | 19575    | 0.464 | ng    | 96       |
| 40) Dibenzo(a,h)anthracene    | 26.188 | 278  | 19242    | 0.515 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.913 | 276  | 21884    | 0.420 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

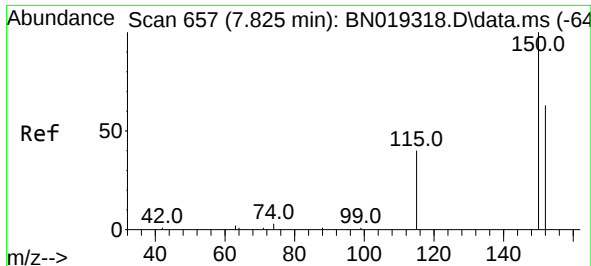
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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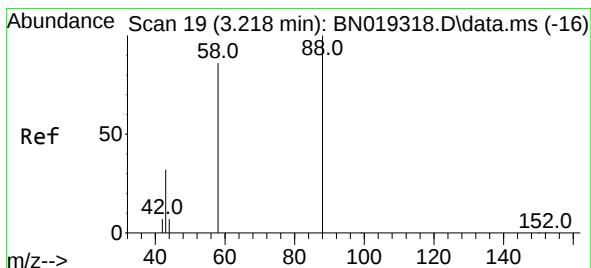
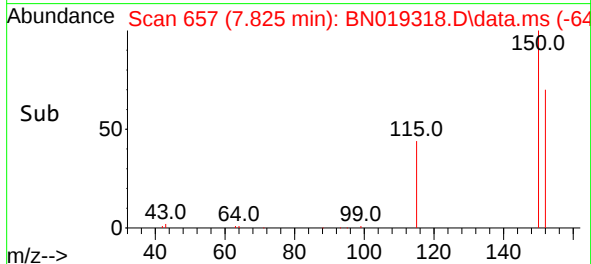
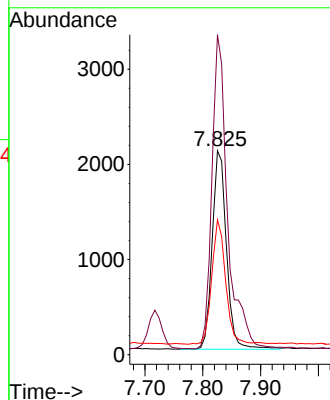
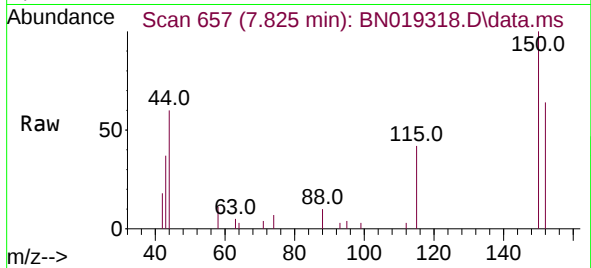




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.825 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN019318.D  
 Acq: 04 Apr 2022 14:24

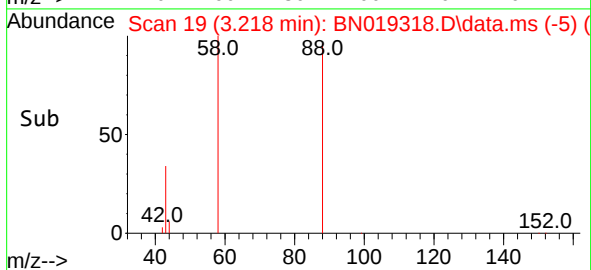
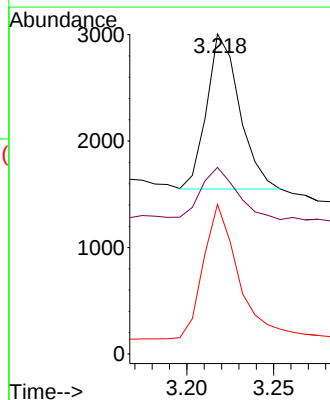
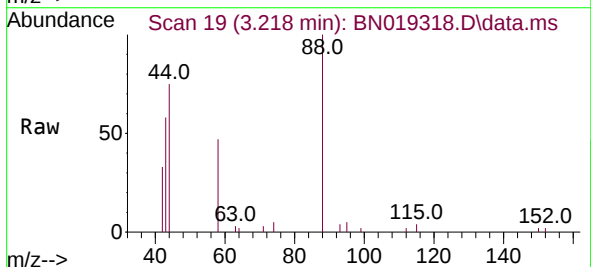
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICCC0.4

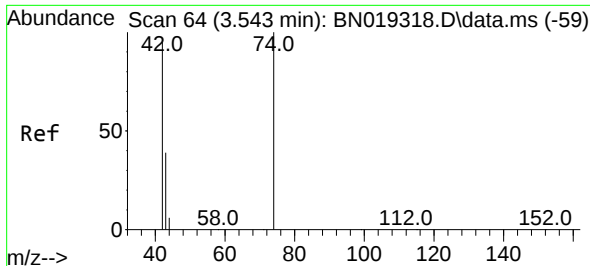
Tgt Ion:152 Resp: 3578  
 Ion Ratio Lower Upper  
 152 100  
 150 156.9 123.9 185.9  
 115 66.1 48.2 72.4



#2  
 1,4-Dioxane  
 Concen: 0.403 ng  
 RT: 3.218 min Scan# 19  
 Delta R.T. 0.000 min  
 Lab File: BN019318.D  
 Acq: 04 Apr 2022 14:24

Tgt Ion: 88 Resp: 1917  
 Ion Ratio Lower Upper  
 88 100  
 43 36.9 24.6 37.0  
 58 94.8 65.4 98.2

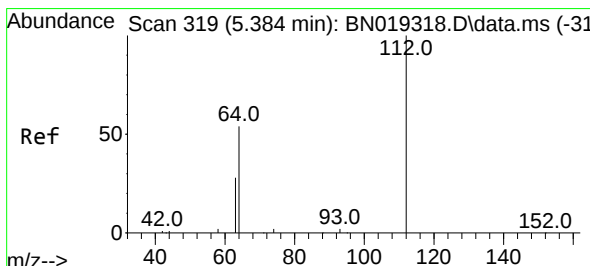
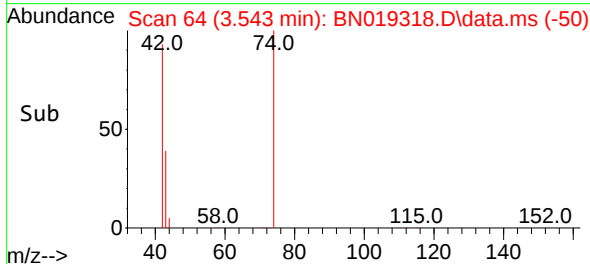
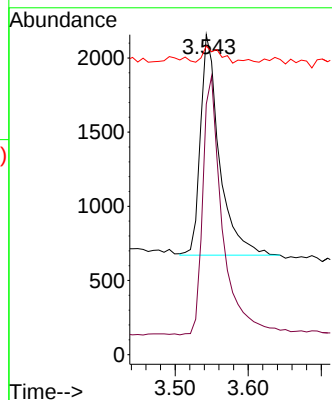
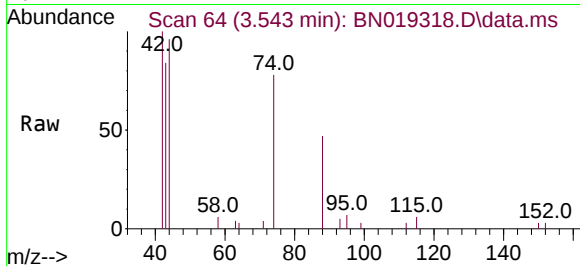




#3  
n-Nitrosodimethylamine  
Concen: 0.539 ng  
RT: 3.543 min Scan# 64  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

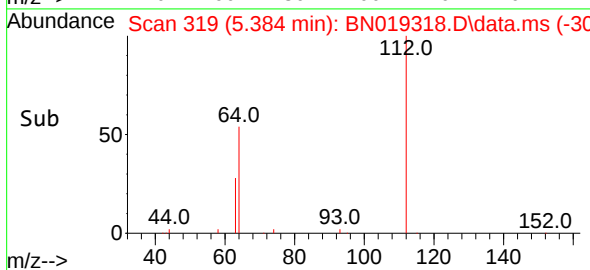
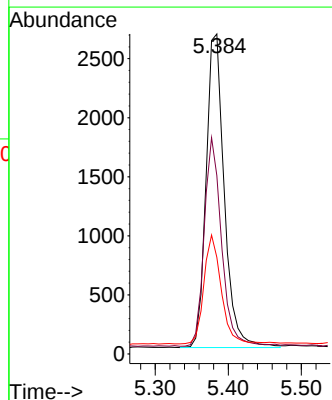
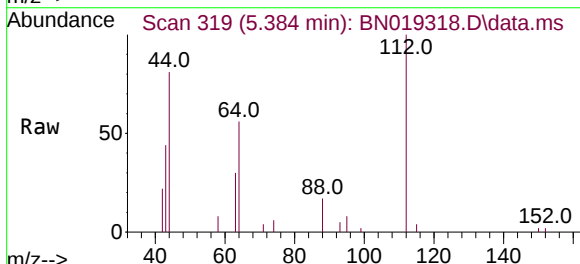
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

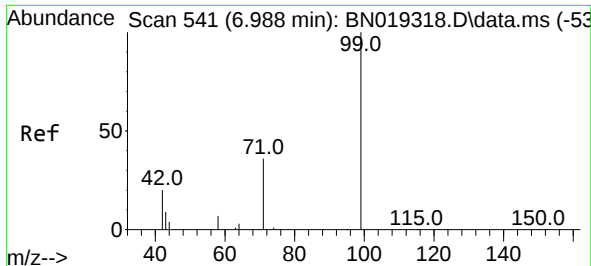
Tgt Ion: 42 Resp: 2674  
Ion Ratio Lower Upper  
42 100  
74 121.6 96.9 145.3  
44 6.2 7.3 10.9#



#4  
2-Fluorophenol  
Concen: 0.585 ng  
RT: 5.384 min Scan# 319  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

Tgt Ion: 112 Resp: 4579  
Ion Ratio Lower Upper  
112 100  
64 64.2 47.8 71.8  
63 33.6 25.7 38.5

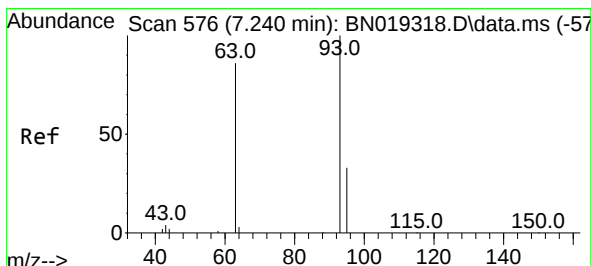
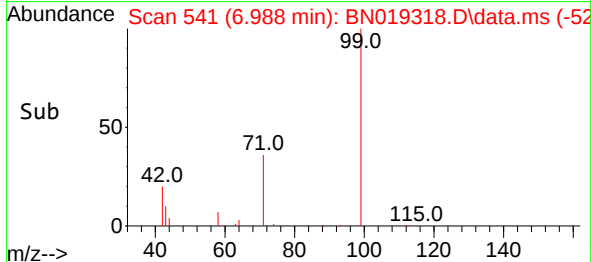
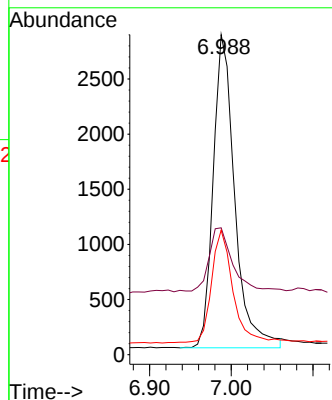
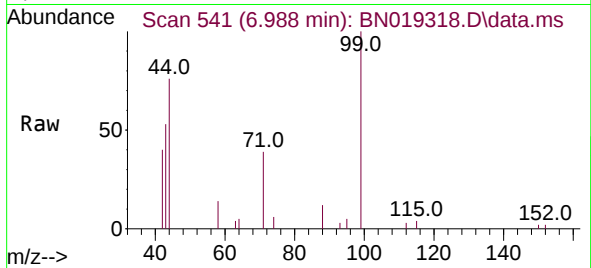




#5  
Phenol-d6  
Concen: 0.627 ng  
RT: 6.988 min Scan# 541  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

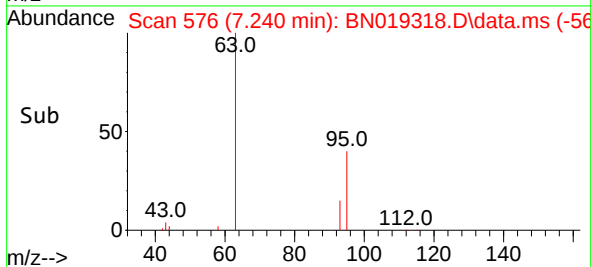
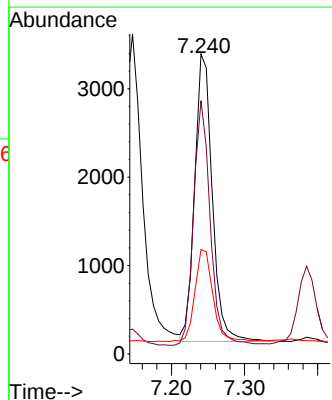
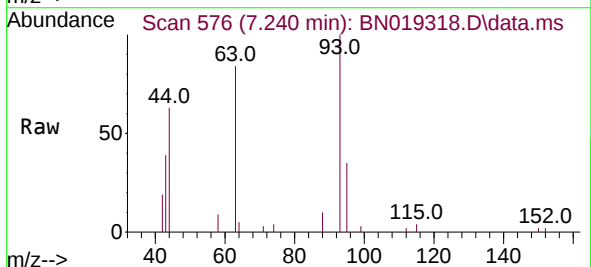
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

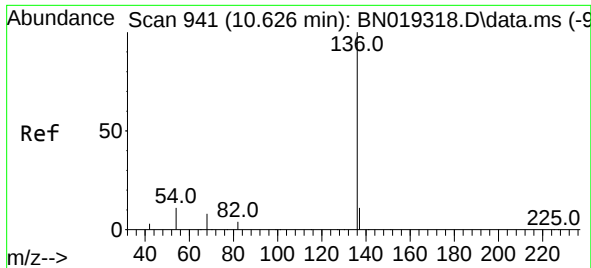
Tgt Ion: 99 Resp: 5204  
Ion Ratio Lower Upper  
99 100  
42 21.6 16.2 24.4  
71 36.1 27.7 41.5



#6  
bis(2-Chloroethyl)ether  
Concen: 0.551 ng  
RT: 7.240 min Scan# 576  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

Tgt Ion: 93 Resp: 5456  
Ion Ratio Lower Upper  
93 100  
63 80.4 62.8 94.2  
95 32.8 26.2 39.4

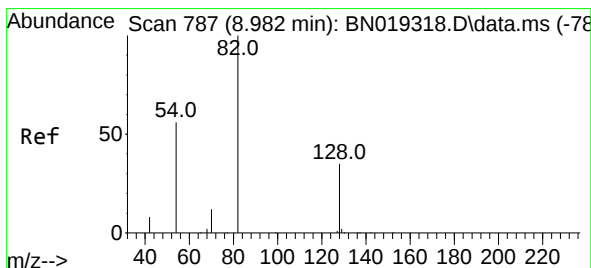
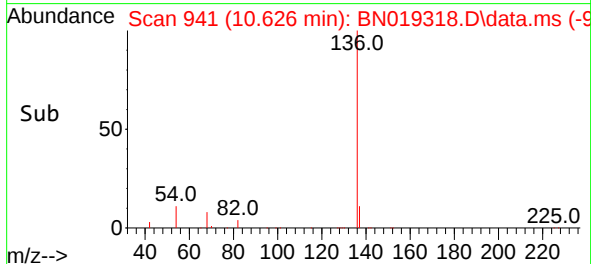
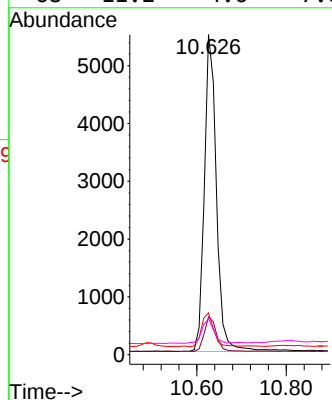
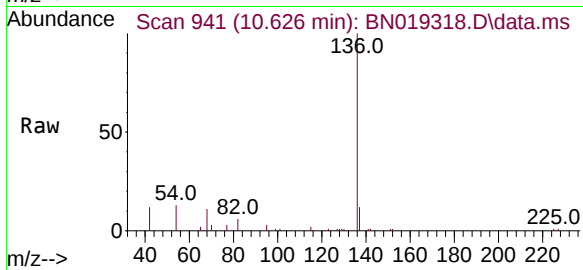




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.626 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

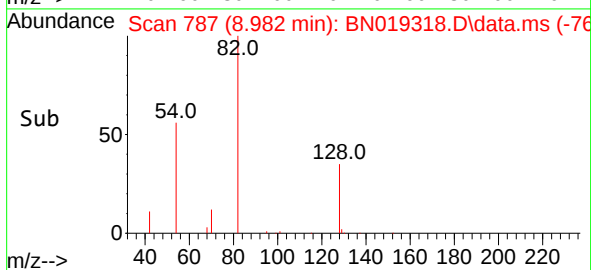
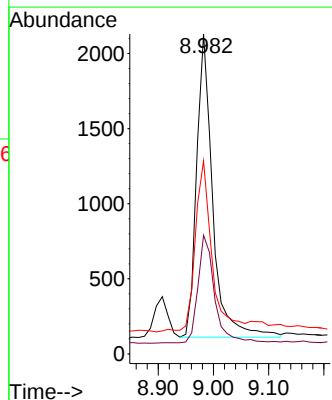
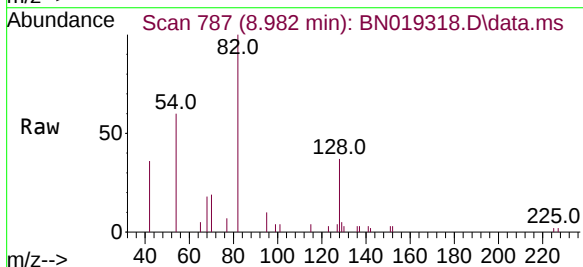
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

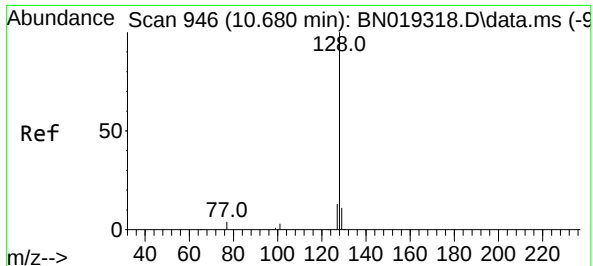
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 10274 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.8  | 9.0   | 13.4  |
| 54       | 13.1  | 5.8   | 8.6#  |
| 68       | 11.2  | 4.6   | 7.0#  |



#8  
Nitrobenzene-d5  
Concen: 0.554 ng  
RT: 8.982 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 4087  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 37.1  | 33.0  | 49.6  |
| 54       | 60.3  | 42.5  | 63.7  |

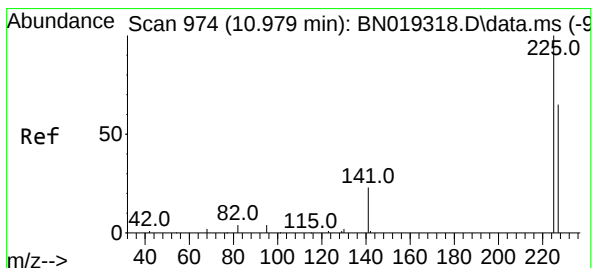
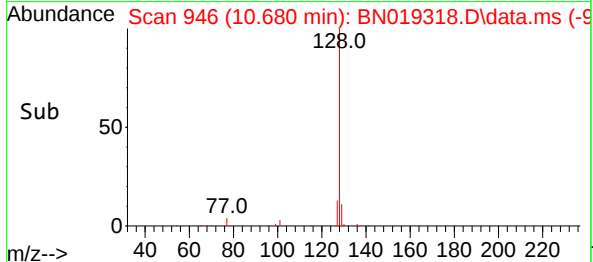
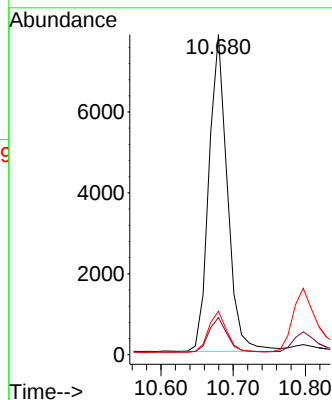
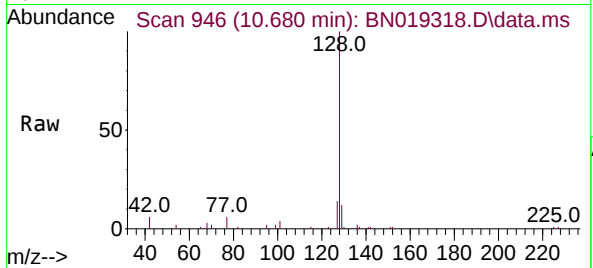




#9  
Naphthalene  
Concen: 0.469 ng  
RT: 10.680 min Scan# 946  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

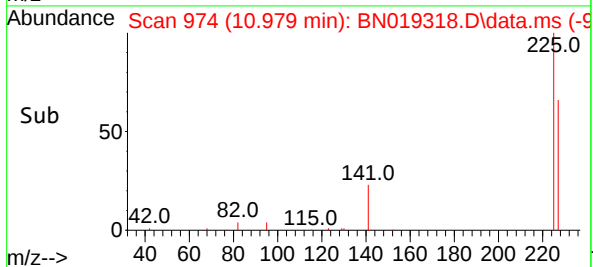
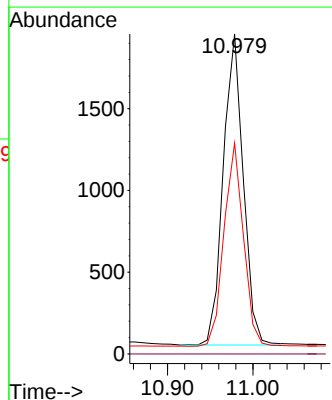
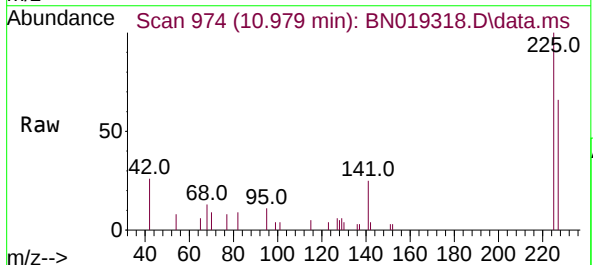
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BNA\_N  
ClientSampleId :  
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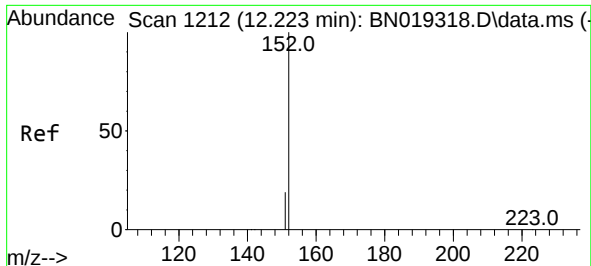
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| Tgt Ion: | 128   | Resp: | 13965 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.6  | 9.0   | 13.4  |
| 127      | 13.6  | 10.7  | 16.1  |



#10  
Hexachlorobutadiene  
Concen: 0.445 ng  
RT: 10.979 min Scan# 974  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 3097  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 63.6  | 51.0  | 76.6  |

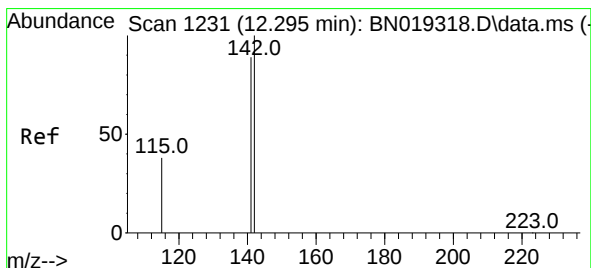
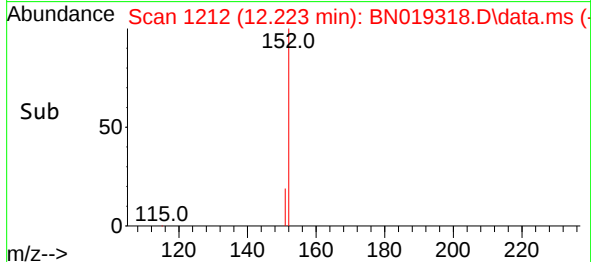
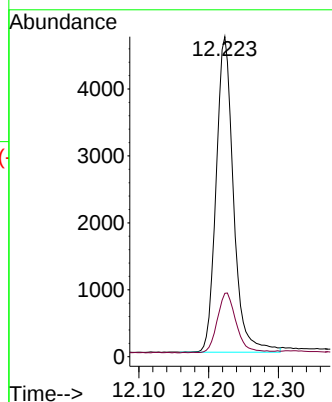
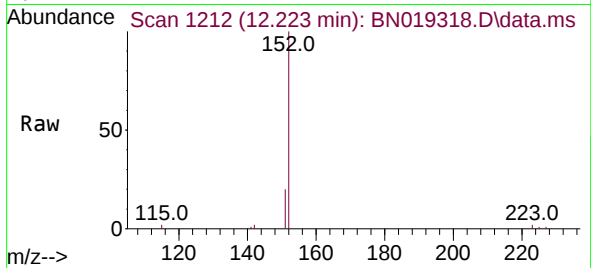




#11  
2-Methylnaphthalene-d10  
Concen: 0.501 ng  
RT: 12.223 min Scan# 1212  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

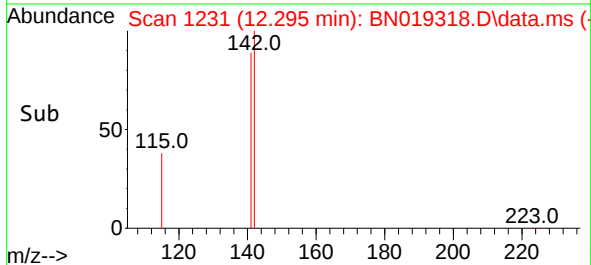
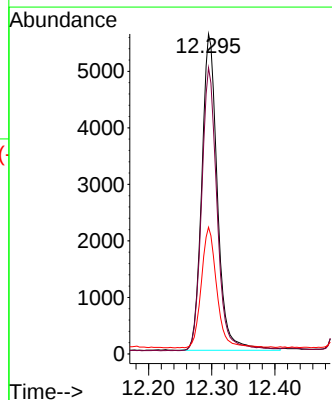
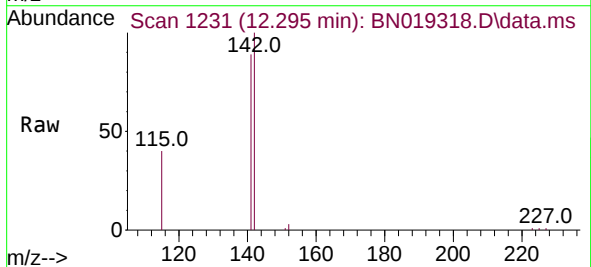
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BNA\_N  
ClientSampleId :  
SSTDICCC0.4

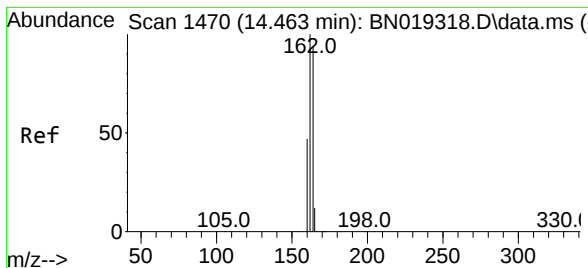
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Ion Ratio Lower Upper  
152 100  
151 20.5 16.5 24.7



#12  
2-Methylnaphthalene  
Concen: 0.501 ng  
RT: 12.295 min Scan# 1231  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

Tgt Ion:142 Resp: 9628  
Ion Ratio Lower Upper  
142 100  
141 89.4 70.0 105.0  
115 39.6 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: BN019318.D

Acq: 04 Apr 2022 14:24

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

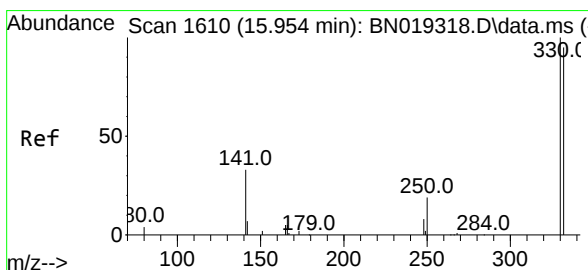
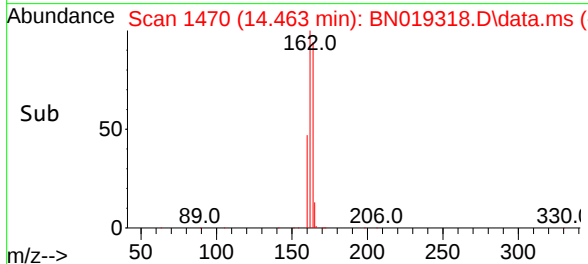
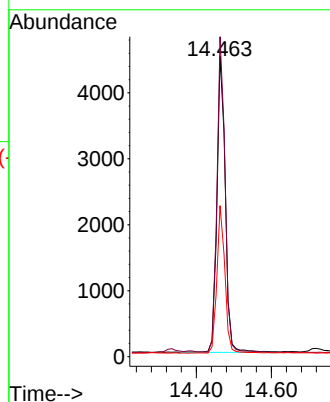
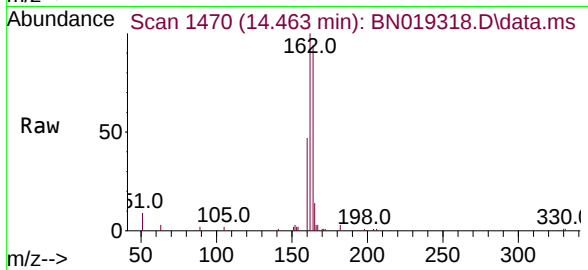
Tgt Ion:164 Resp: 6967

Ion Ratio Lower Upper

164 100

162 106.5 85.2 127.8

160 50.3 41.5 62.3



#14

2,4,6-Tribromophenol

Concen: 0.574 ng

RT: 15.954 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BN019318.D

Acq: 04 Apr 2022 14:24

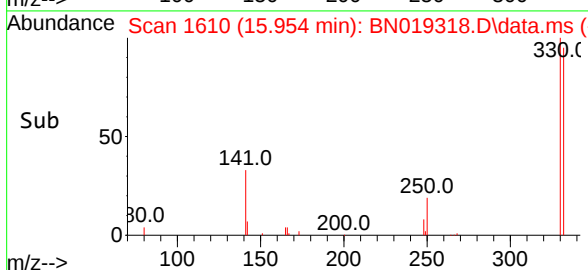
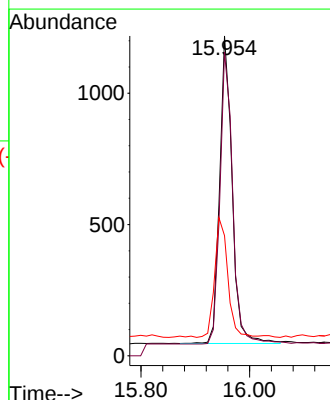
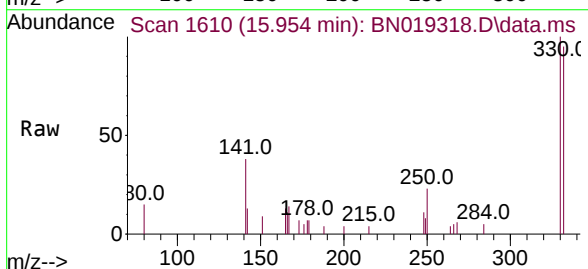
Tgt Ion:330 Resp: 1871

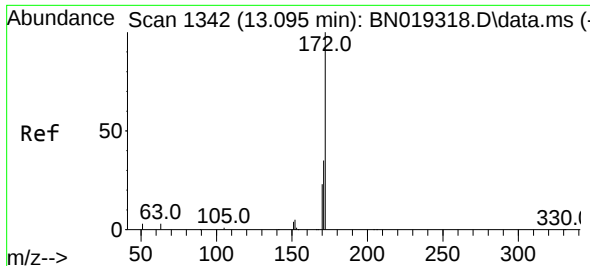
Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

141 40.7 32.2 48.2

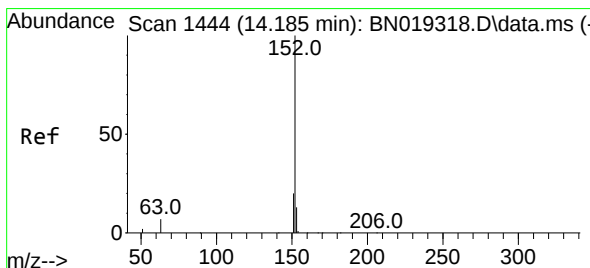
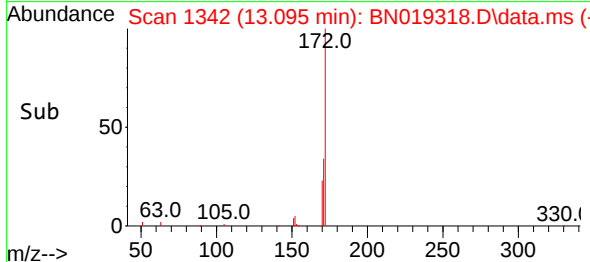
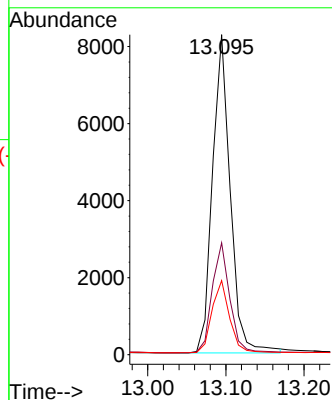
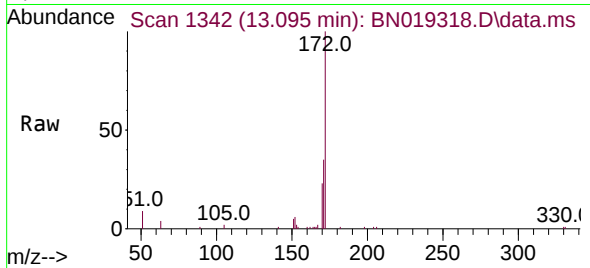




#15  
2-Fluorobiphenyl  
Concen: 0.466 ng  
RT: 13.095 min Scan# 1342  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

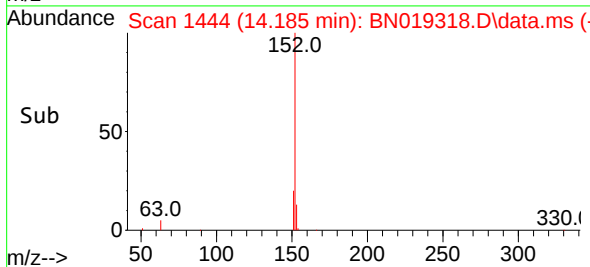
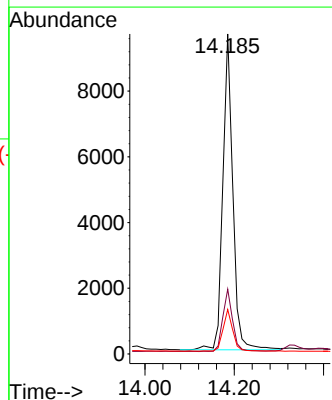
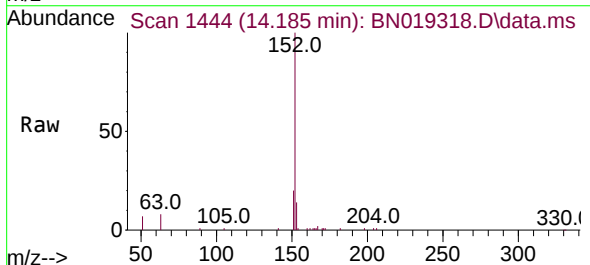
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ClientSampleId :  
SSTDICCC0.4

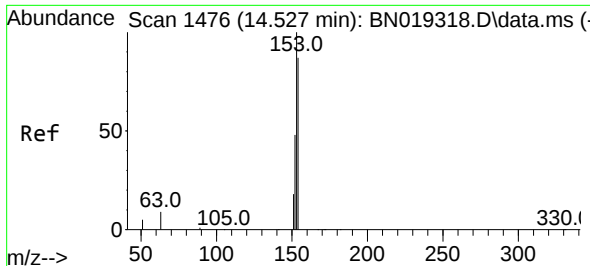
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 13026 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 34.9  | 28.2  | 42.2  |
| 170       | 23.2  | 18.7  | 28.1  |



#16  
Acenaphthylene  
Concen: 0.468 ng  
RT: 14.185 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 15021 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.7  | 15.9  | 23.9  |
| 153       | 13.2  | 10.6  | 15.8  |

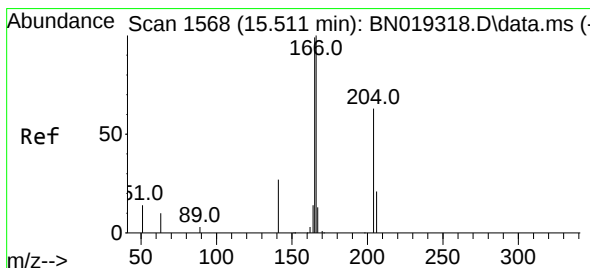
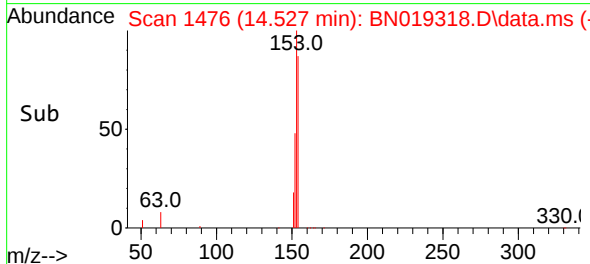
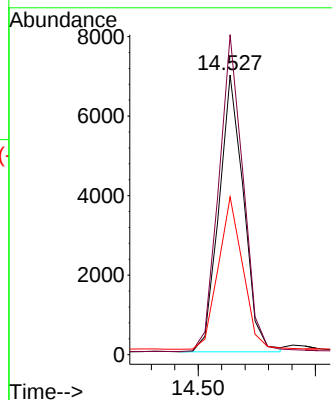
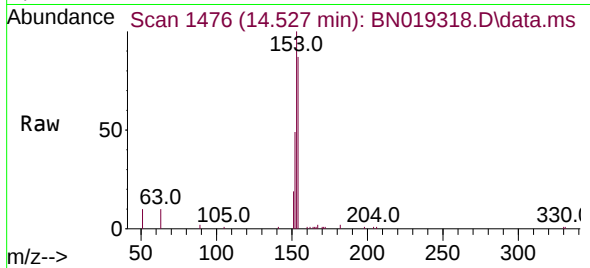




#17  
Acenaphthene  
Concen: 0.444 ng  
RT: 14.527 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

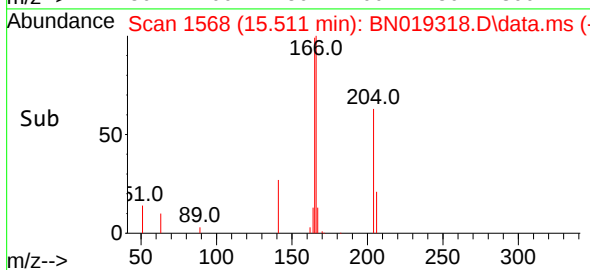
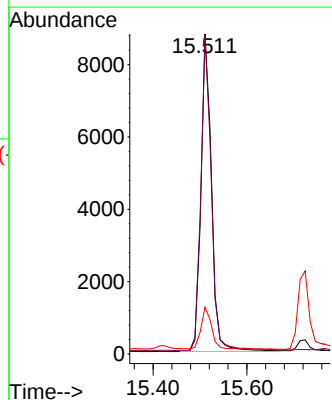
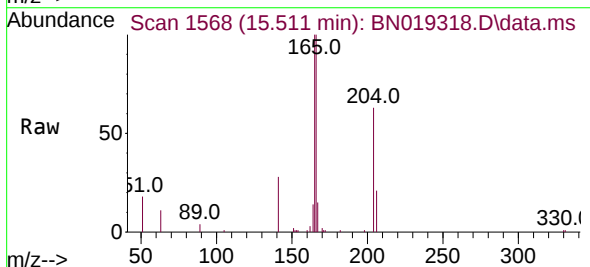
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

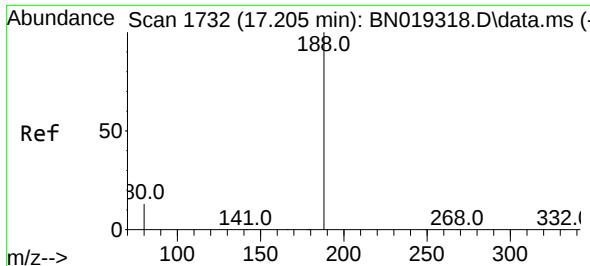
Tgt Ion:154 Resp: 10149  
Ion Ratio Lower Upper  
154 100  
153 114.7 89.7 134.5  
152 55.7 44.7 67.1



#18  
Fluorene  
Concen: 0.480 ng  
RT: 15.511 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

Tgt Ion:166 Resp: 13707  
Ion Ratio Lower Upper  
166 100  
165 98.3 79.2 118.8  
167 13.0 10.7 16.1

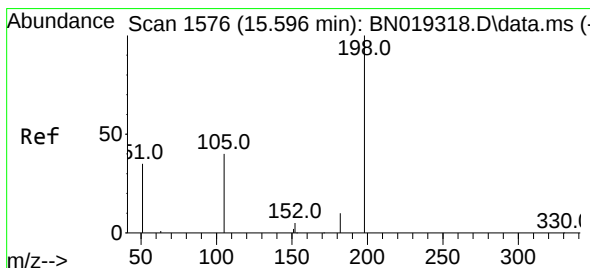
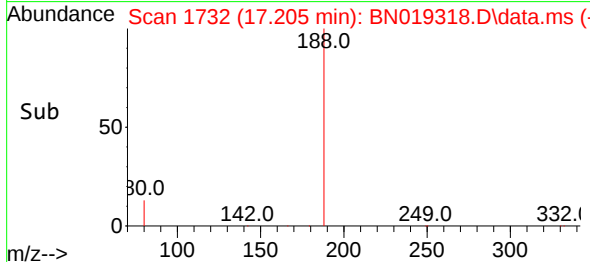
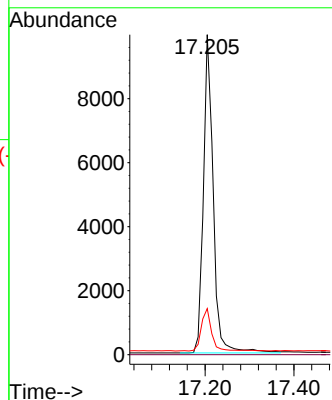
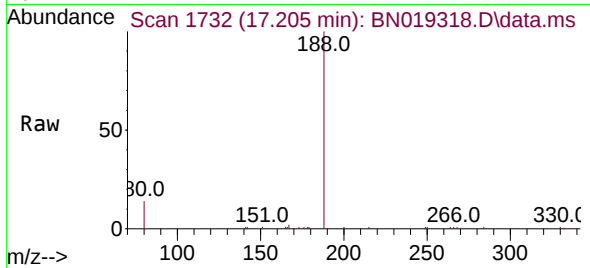




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.205 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

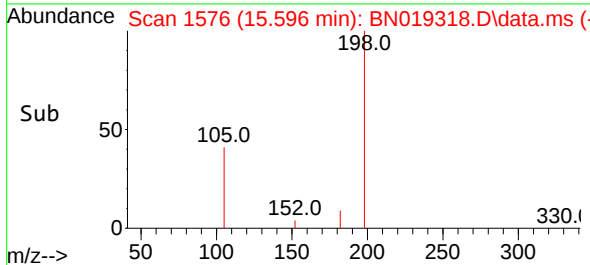
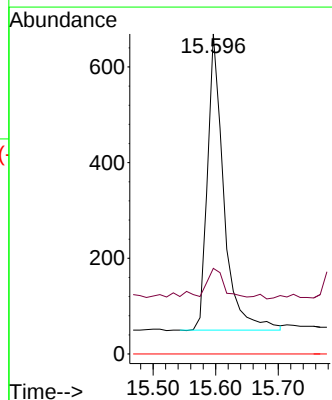
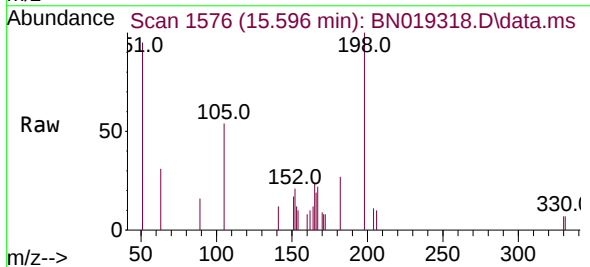
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BNA\_N  
ClientSampleId :  
SSTDICCC0.4

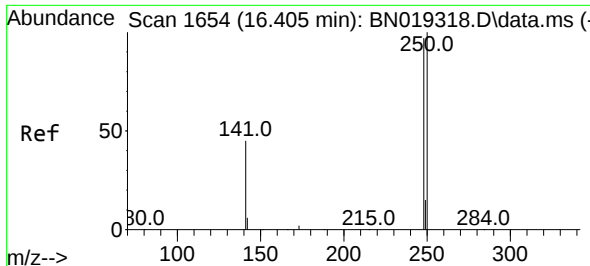
Tgt Ion:188 Resp: 15291  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.4 11.8 17.8



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.592 ng  
RT: 15.596 min Scan# 1576  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

Tgt Ion:198 Resp: 1120  
Ion Ratio Lower Upper  
198 100  
182 26.8 13.0 19.4#  
77 0.0 0.0 0.0

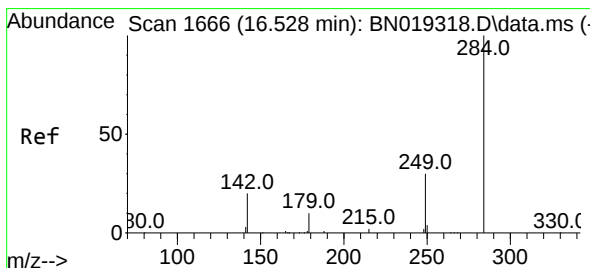
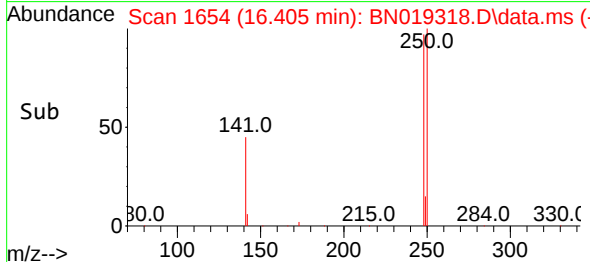
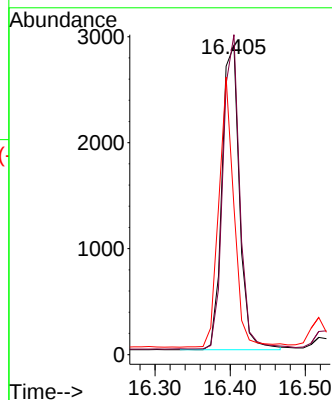
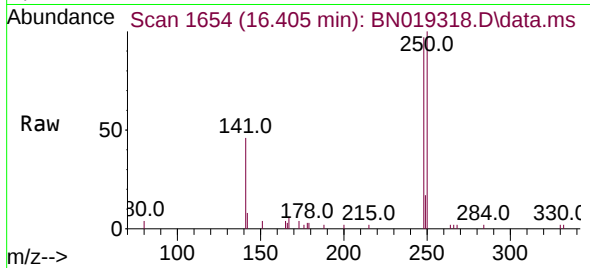




#21  
4-Bromophenyl-phenylether  
Concen: 0.471 ng  
RT: 16.405 min Scan# 1654  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

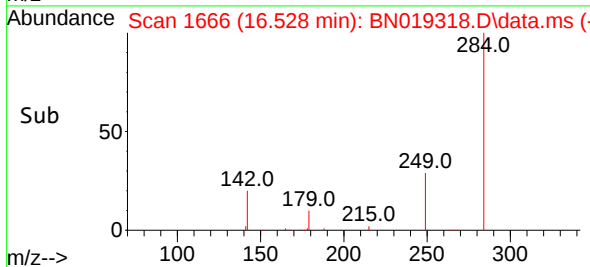
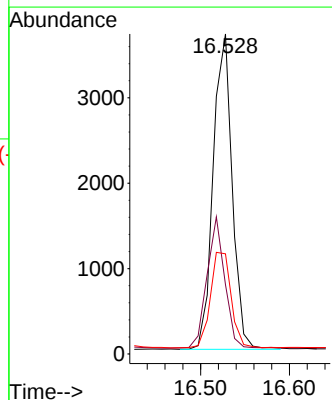
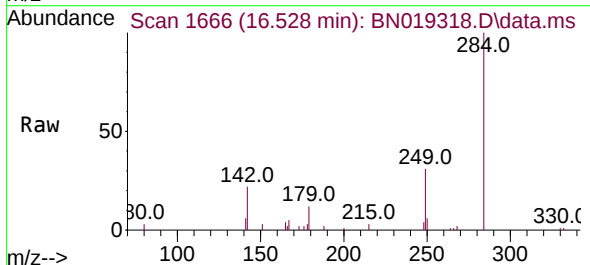
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

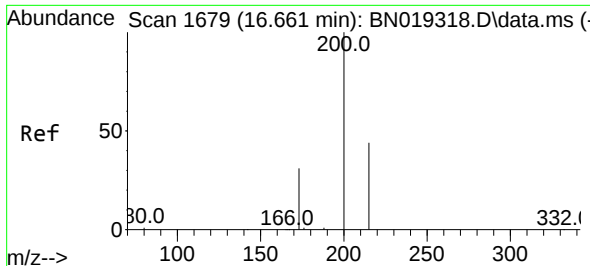
Tgt Ion:248 Resp: 4626  
Ion Ratio Lower Upper  
248 100  
250 103.6 80.7 121.1  
141 47.9 39.6 59.4



#22  
Hexachlorobenzene  
Concen: 0.430 ng  
RT: 16.528 min Scan# 1666  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

Tgt Ion:284 Resp: 5487  
Ion Ratio Lower Upper  
284 100  
142 38.7 29.8 44.8  
249 33.0 26.2 39.2

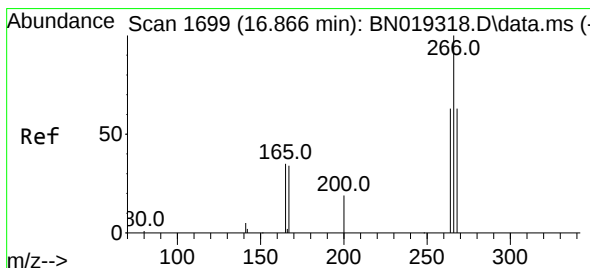
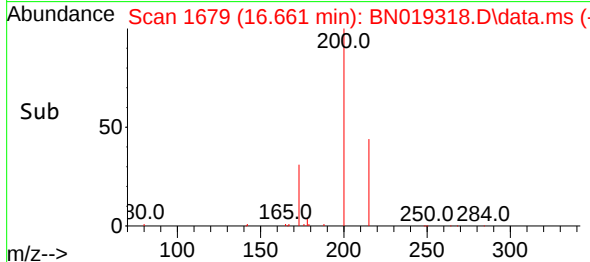
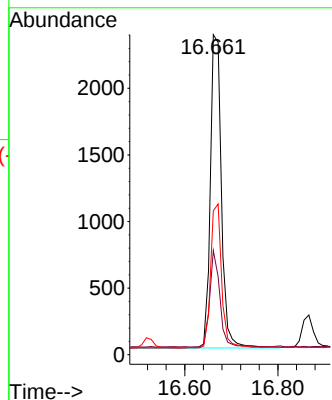
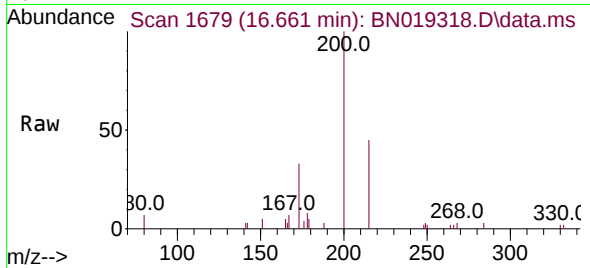




#23  
 Atrazine  
 Concen: 0.577 ng  
 RT: 16.661 min Scan# 1679  
 Delta R.T. 0.000 min  
 Lab File: BN019318.D  
 Acq: 04 Apr 2022 14:24

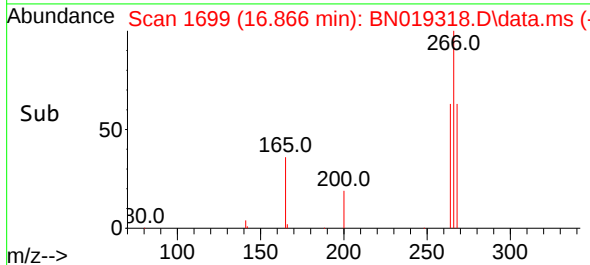
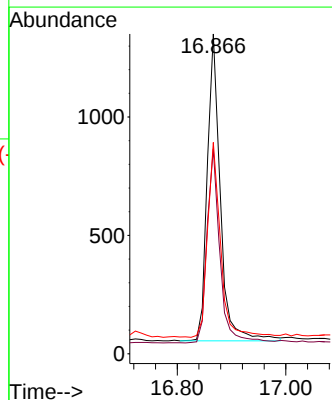
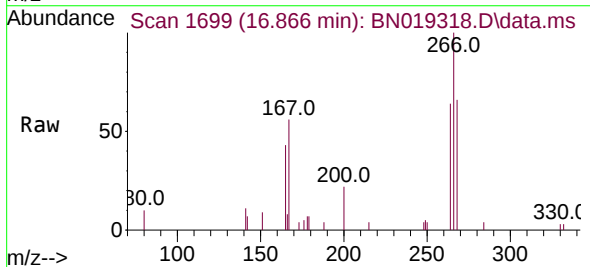
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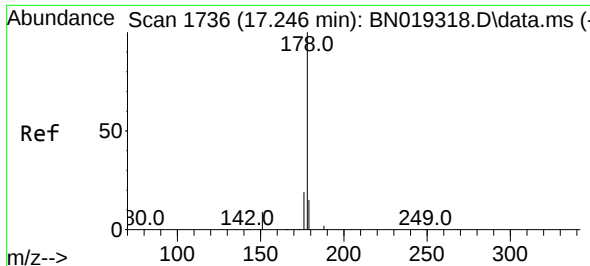
Tgt Ion:200 Resp: 3884  
 Ion Ratio Lower Upper  
 200 100  
 173 32.5 23.9 35.9  
 215 44.9 36.6 54.8



#24  
 Pentachlorophenol  
 Concen: 0.587 ng  
 RT: 16.866 min Scan# 1699  
 Delta R.T. 0.000 min  
 Lab File: BN019318.D  
 Acq: 04 Apr 2022 14:24

Tgt Ion:266 Resp: 2160  
 Ion Ratio Lower Upper  
 266 100  
 264 62.4 50.2 75.4  
 268 62.9 51.9 77.9

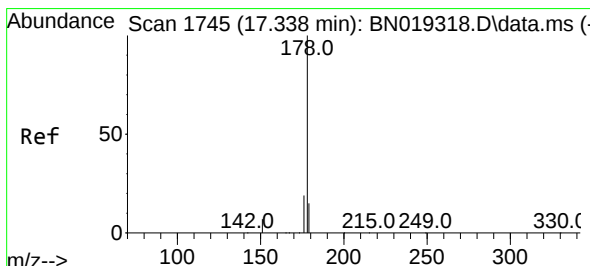
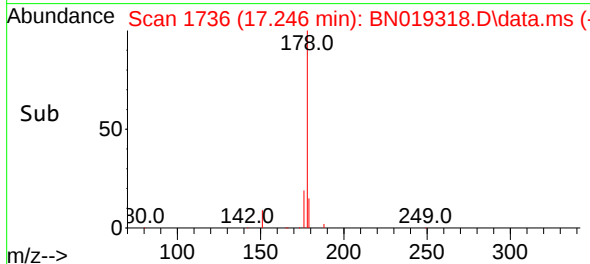
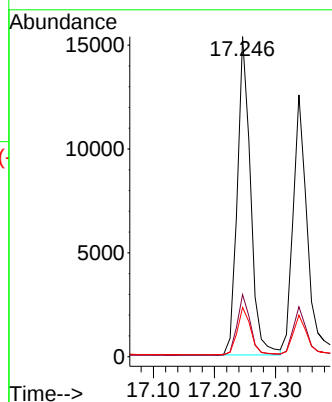
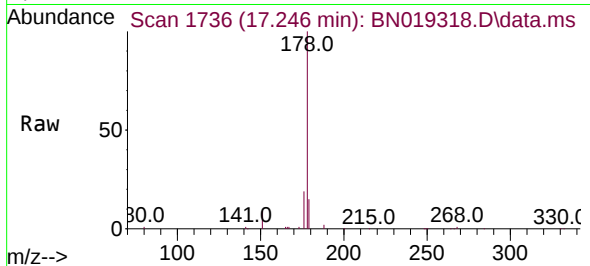




#25  
Phenanthrene  
Concen: 0.481 ng  
RT: 17.246 min Scan# 1736  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

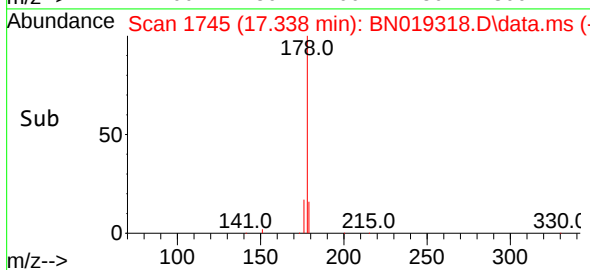
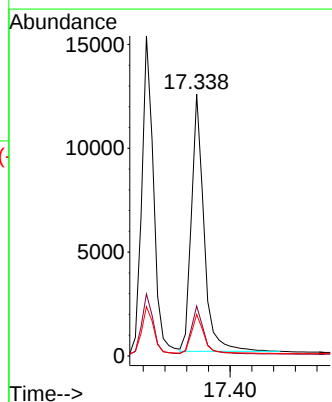
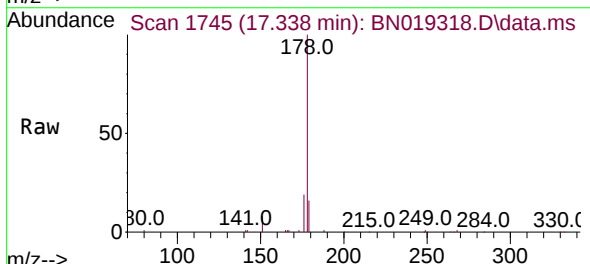
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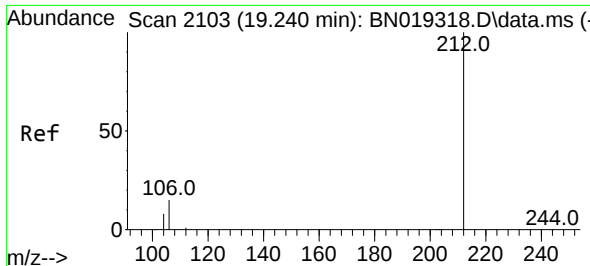
Tgt Ion:178 Resp: 23145  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.4 23.0  
179 15.2 12.2 18.2



#26  
Anthracene  
Concen: 0.502 ng  
RT: 17.338 min Scan# 1745  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

Tgt Ion:178 Resp: 19969  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.8 22.2  
179 15.2 12.2 18.4

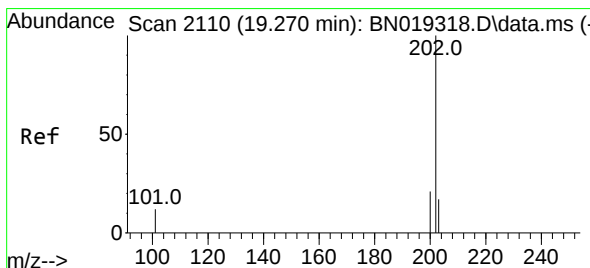
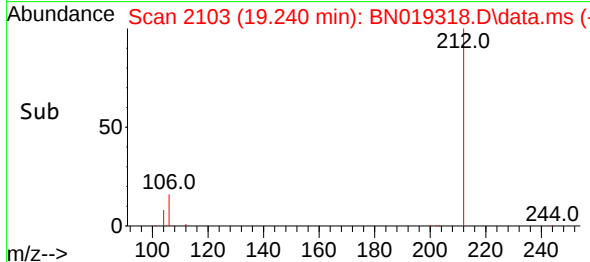
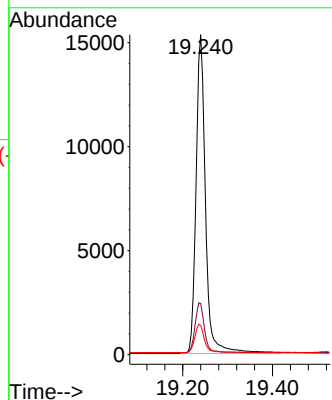
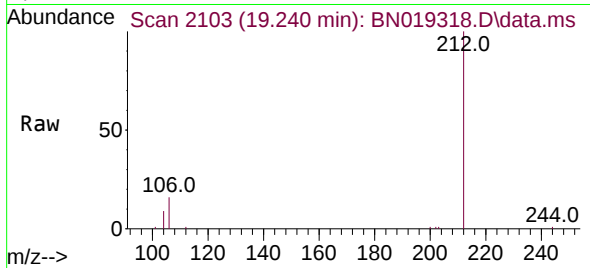




#27  
Fluoranthene-d10  
Concen: 0.491 ng  
RT: 19.240 min Scan# 2103  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

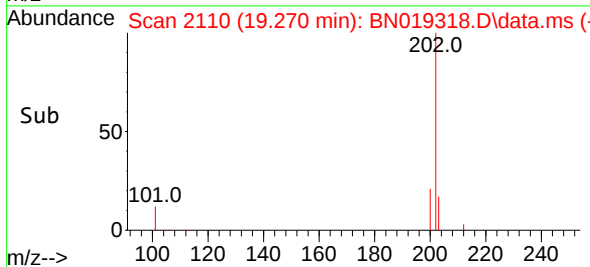
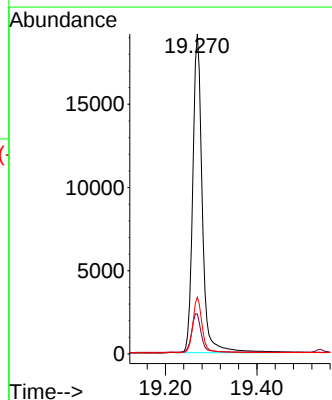
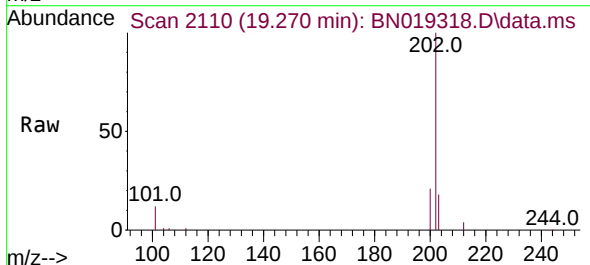
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BNA\_N  
ClientSampleId :  
SSTDICCC0.4

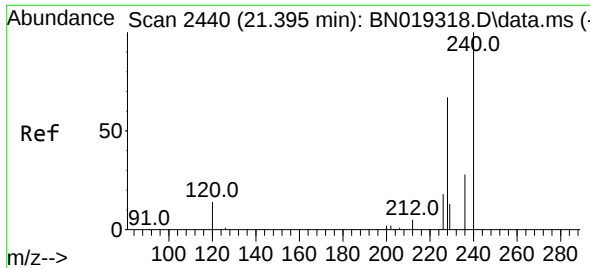
Tgt Ion:212 Resp: 22547  
Ion Ratio Lower Upper  
212 100  
106 15.6 12.7 19.1  
104 9.1 7.1 10.7



#28  
Fluoranthene  
Concen: 0.483 ng  
RT: 19.270 min Scan# 2110  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

Tgt Ion:202 Resp: 27736  
Ion Ratio Lower Upper  
202 100  
101 12.1 9.8 14.6  
203 16.9 13.7 20.5

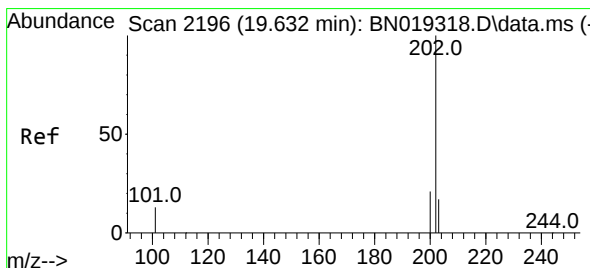
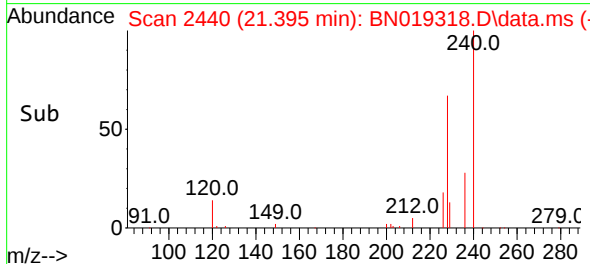
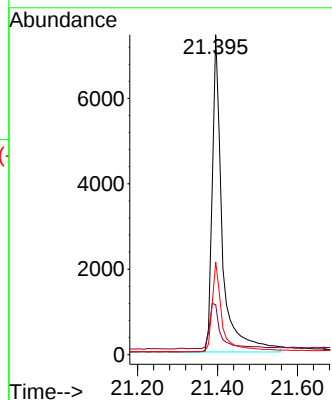
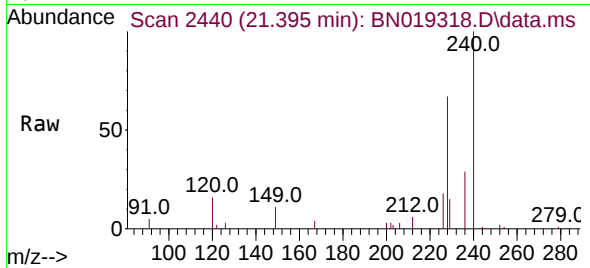




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.395 min Scan# 2440  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

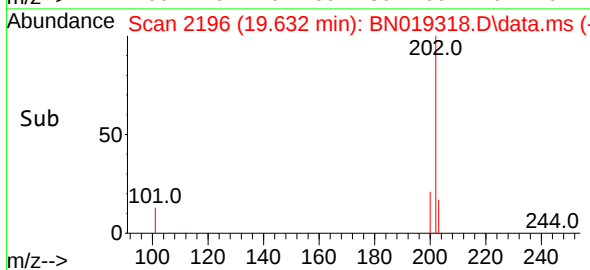
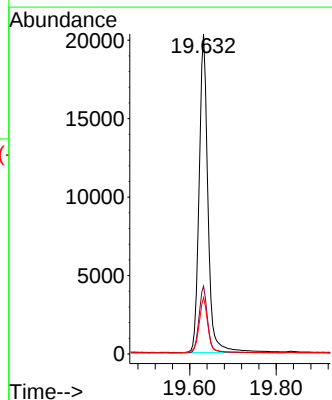
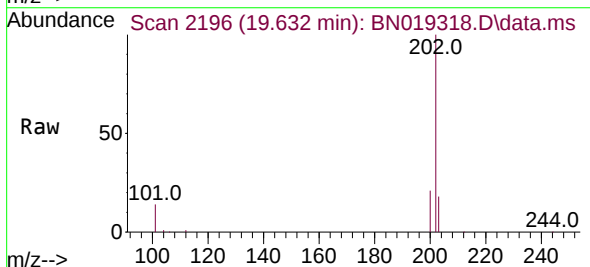
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

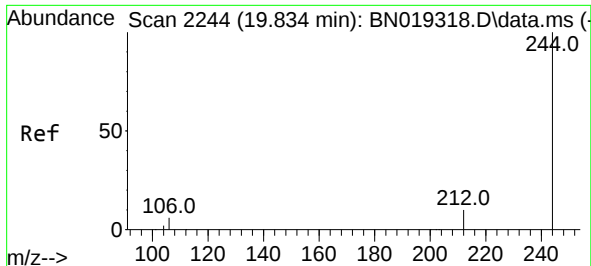
Tgt Ion:240 Resp: 13062  
Ion Ratio Lower Upper  
240 100  
120 15.6 8.5 12.7#  
236 29.0 22.4 33.6



#30  
Pyrene  
Concen: 0.446 ng  
RT: 19.632 min Scan# 2196  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

Tgt Ion:202 Resp: 28771  
Ion Ratio Lower Upper  
202 100  
200 20.6 16.9 25.3  
203 17.7 14.2 21.2

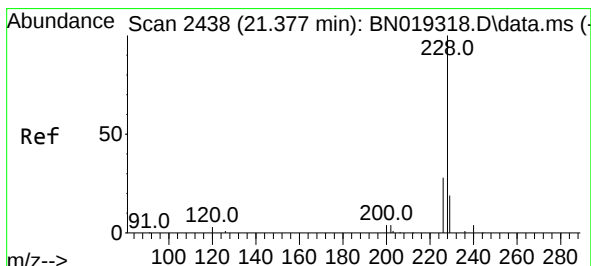
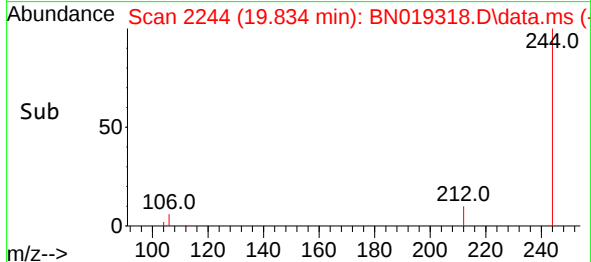
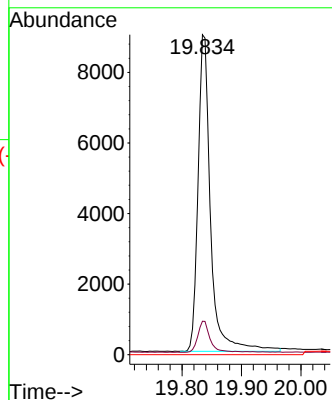
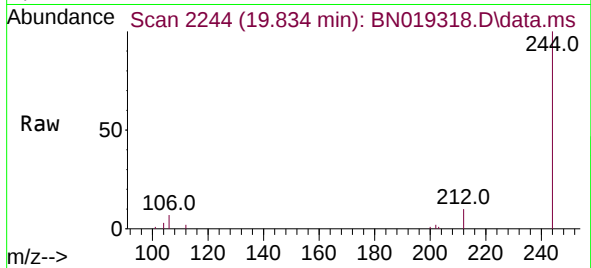




#31  
 Terphenyl-d14  
 Concen: 0.453 ng  
 RT: 19.834 min Scan# 211  
 Delta R.T. 0.000 min  
 Lab File: BN019318.D  
 Acq: 04 Apr 2022 14:24

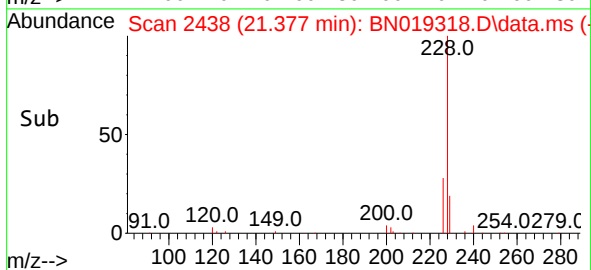
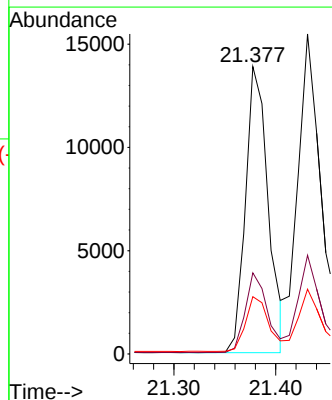
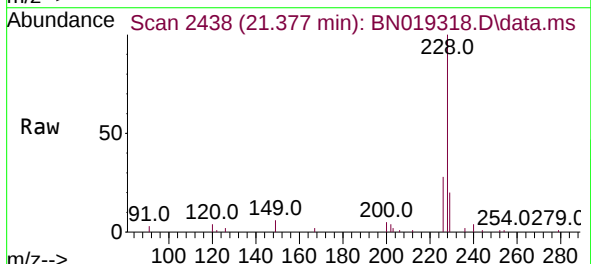
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.4

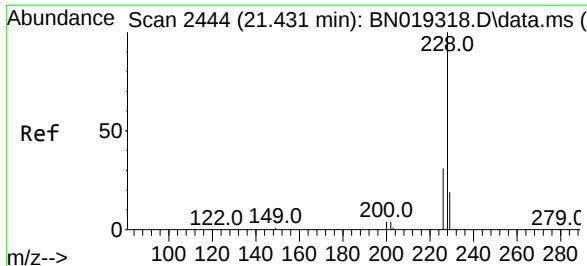
Tgt Ion:244 Resp: 13158  
 Ion Ratio Lower Upper  
 244 100  
 212 10.4 8.2 12.4  
 122 0.0 0.0 0.0



#32  
 Benzo(a)anthracene  
 Concen: 0.524 ng  
 RT: 21.377 min Scan# 2438  
 Delta R.T. 0.000 min  
 Lab File: BN019318.D  
 Acq: 04 Apr 2022 14:24

Tgt Ion:228 Resp: 21432  
 Ion Ratio Lower Upper  
 228 100  
 226 28.2 21.9 32.9  
 229 19.9 16.0 24.0

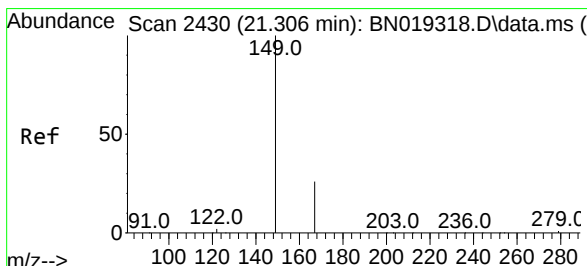
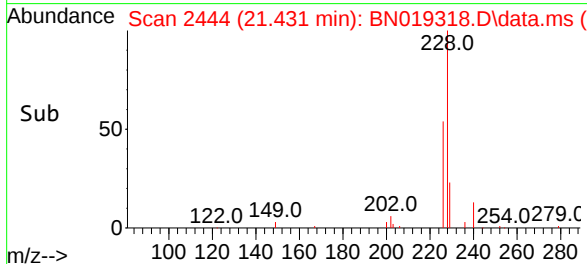
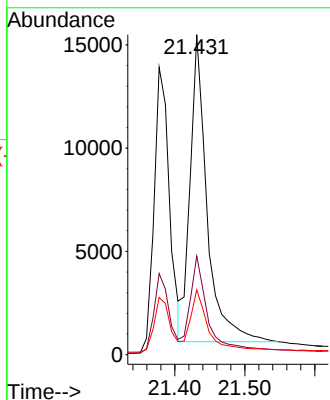
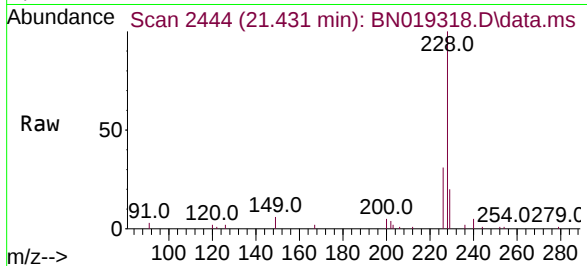




#33  
Chrysene  
Concen: 0.477 ng  
RT: 21.431 min Scan# 2444  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

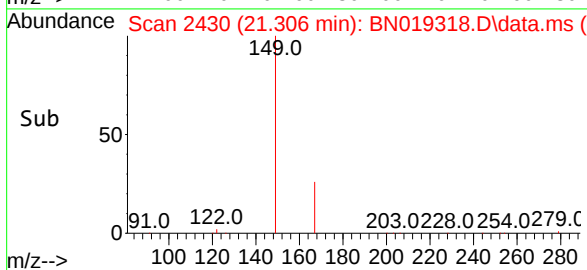
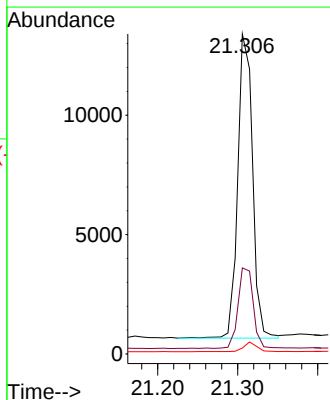
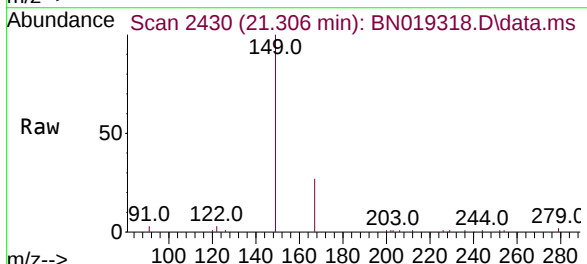
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

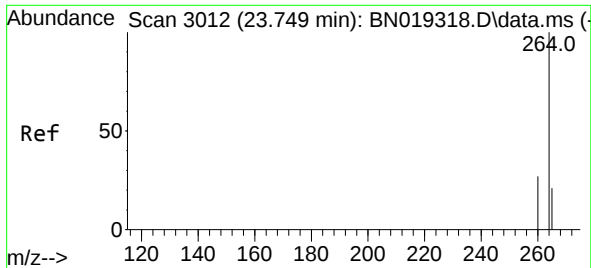
Tgt Ion:228 Resp: 24972  
Ion Ratio Lower Upper  
228 100  
226 30.8 24.0 36.0  
229 20.3 15.9 23.9



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.598 ng  
RT: 21.306 min Scan# 2430  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

Tgt Ion:149 Resp: 16364  
Ion Ratio Lower Upper  
149 100  
167 27.5 21.8 32.8  
279 3.0 2.0 3.0

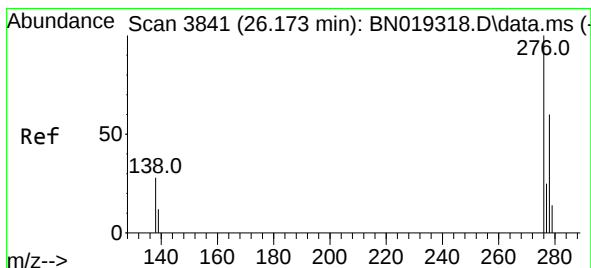
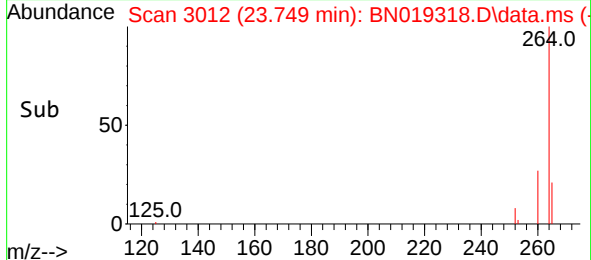
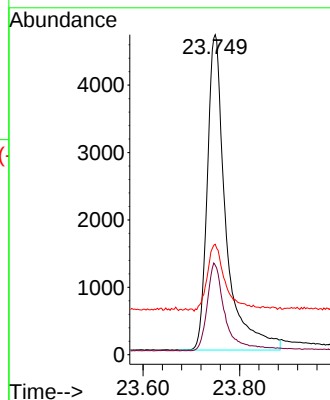
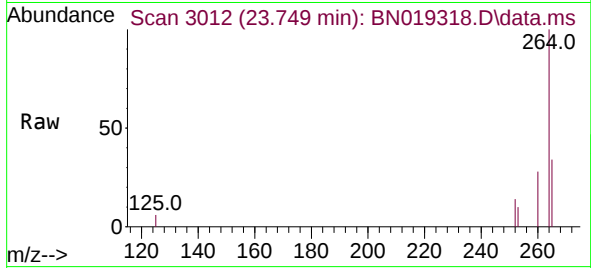




#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.749 min Scan# 3012  
 Delta R.T. 0.000 min  
 Lab File: BN019318.D  
 Acq: 04 Apr 2022 14:24

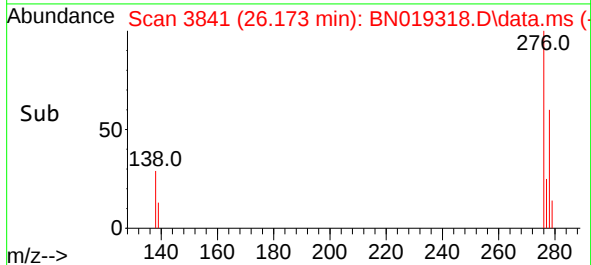
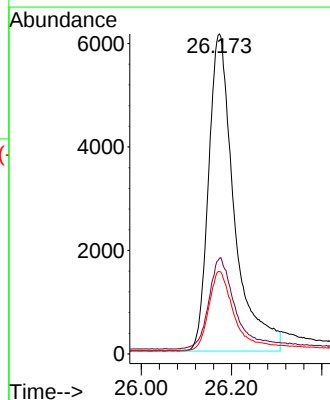
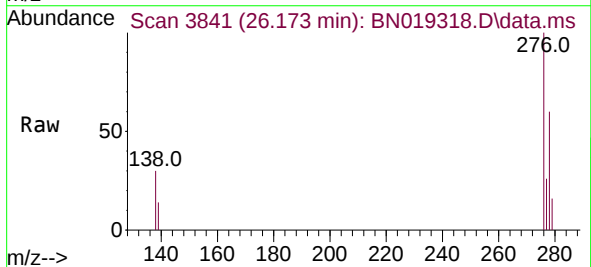
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.4

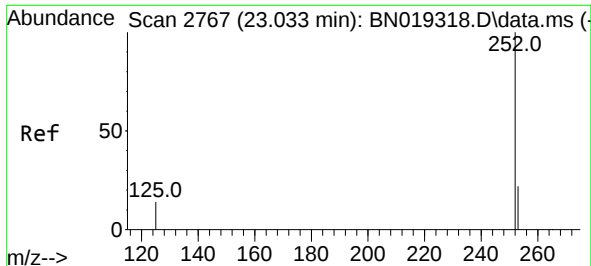
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 12510 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 27.9  | 22.4  | 33.6  |
| 265       | 34.5  | 25.3  | 37.9  |



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.474 ng  
 RT: 26.173 min Scan# 3841  
 Delta R.T. 0.000 min  
 Lab File: BN019318.D  
 Acq: 04 Apr 2022 14:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 24214 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 29.8  | 24.5  | 36.7  |
| 277       | 25.1  | 19.8  | 29.8  |





#37

Benzo(b)fluoranthene

Concen: 0.456 ng

RT: 23.033 min Scan# 2767

Delta R.T. 0.000 min

Lab File: BN019318.D

Acq: 04 Apr 2022 14:24

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC0.4

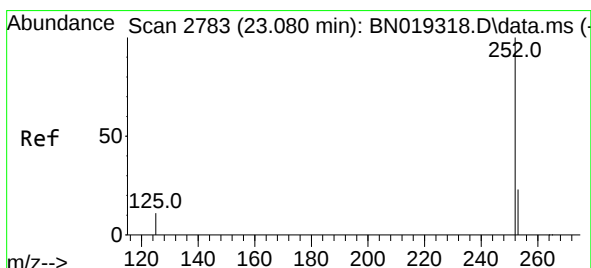
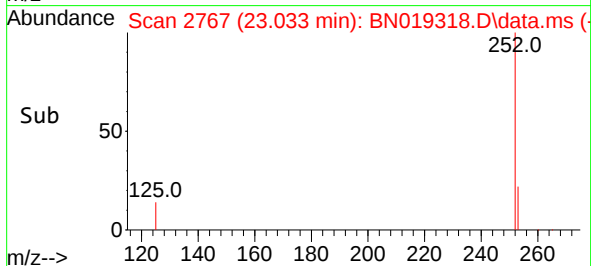
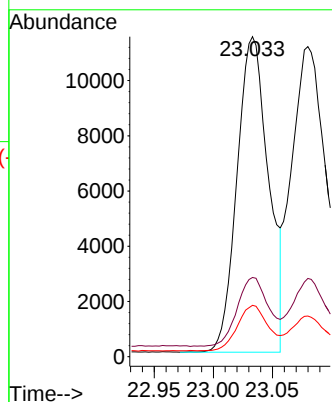
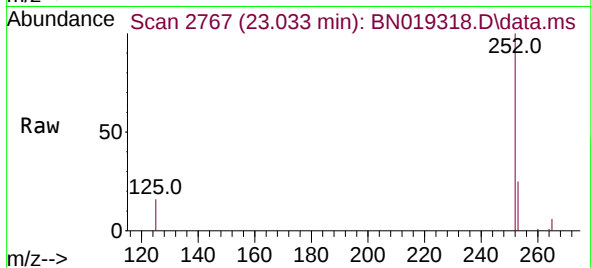
Tgt Ion:252 Resp: 21202

Ion Ratio Lower Upper

252 100

253 24.7 18.9 28.3

125 16.0 12.1 18.1



#38

Benzo(k)fluoranthene

Concen: 0.454 ng

RT: 23.080 min Scan# 2783

Delta R.T. 0.000 min

Lab File: BN019318.D

Acq: 04 Apr 2022 14:24

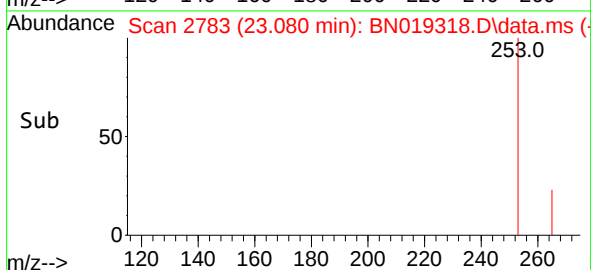
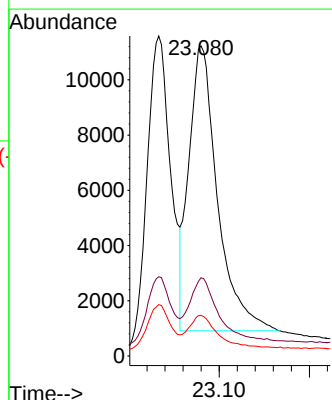
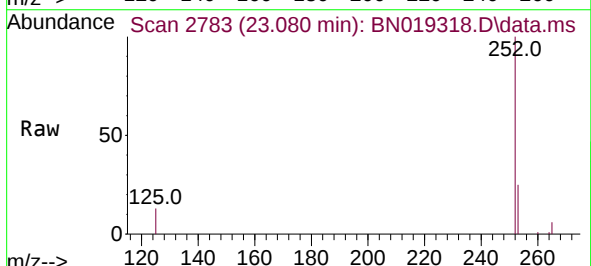
Tgt Ion:252 Resp: 22760

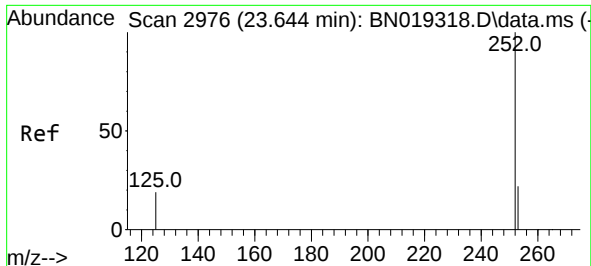
Ion Ratio Lower Upper

252 100

253 25.3 18.9 28.3

125 13.1 10.3 15.5

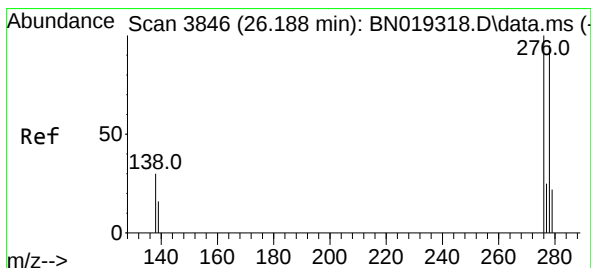
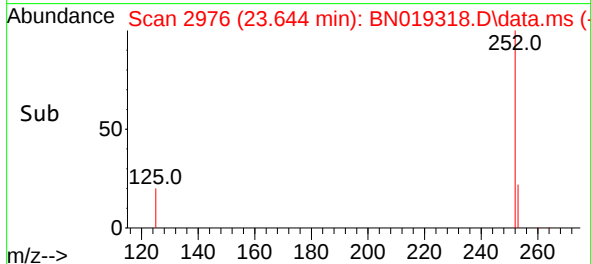
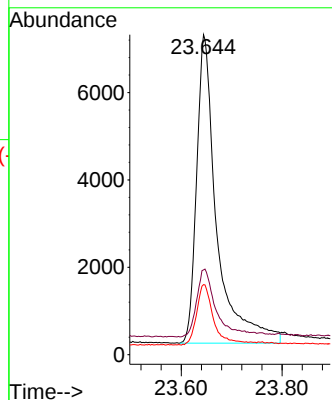
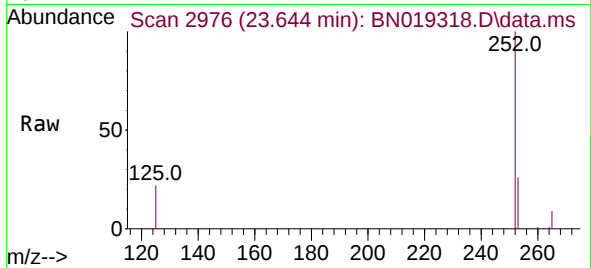




#39  
Benzo(a)pyrene  
Concen: 0.464 ng  
RT: 23.644 min Scan# 2976  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

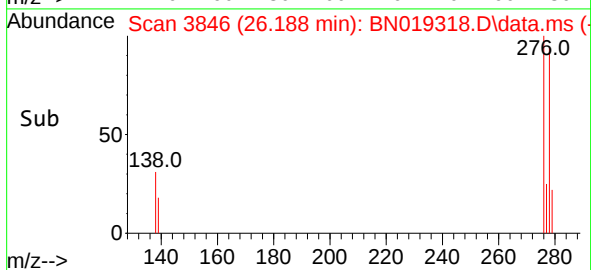
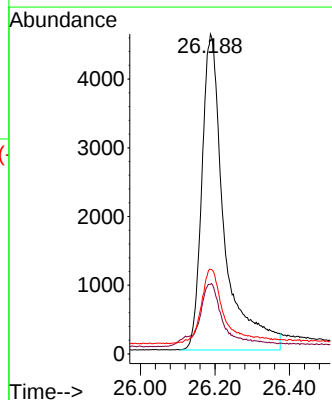
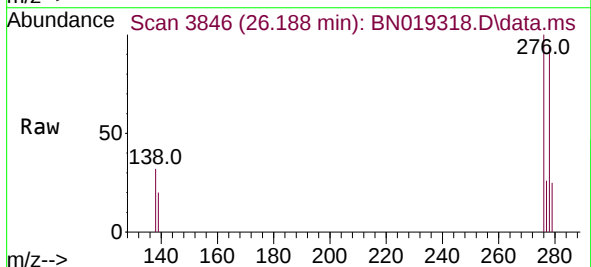
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC0.4

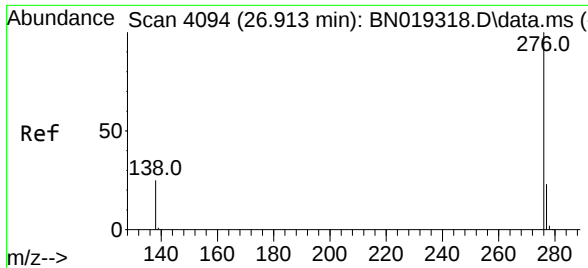
Tgt Ion:252 Resp: 19575  
Ion Ratio Lower Upper  
252 100  
253 26.5 20.1 30.1  
125 21.9 15.2 22.8



#40  
Dibenzo(a,h)anthracene  
Concen: 0.515 ng  
RT: 26.188 min Scan# 3846  
Delta R.T. 0.000 min  
Lab File: BN019318.D  
Acq: 04 Apr 2022 14:24

Tgt Ion:278 Resp: 19242  
Ion Ratio Lower Upper  
278 100  
139 21.8 17.2 25.8  
279 26.5 19.9 29.9





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.420 ng  
 RT: 26.913 min Scan# 4094  
 Delta R.T. 0.000 min  
 Lab File: BN019318.D  
 Acq: 04 Apr 2022 14:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICCC0.4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 21884 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 23.9  | 19.4  | 29.0  |
| 138      | 26.4  | 21.0  | 31.6  |

