

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051922\  
 Data File : BN019858.D  
 Acq On : 19 May 2022 16:52  
 Operator : CG/JU  
 Sample : PB144940BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB144940BSD

Quant Time: May 20 06:35:09 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 18 07:42:52 2022  
 Response via : Initial Calibration

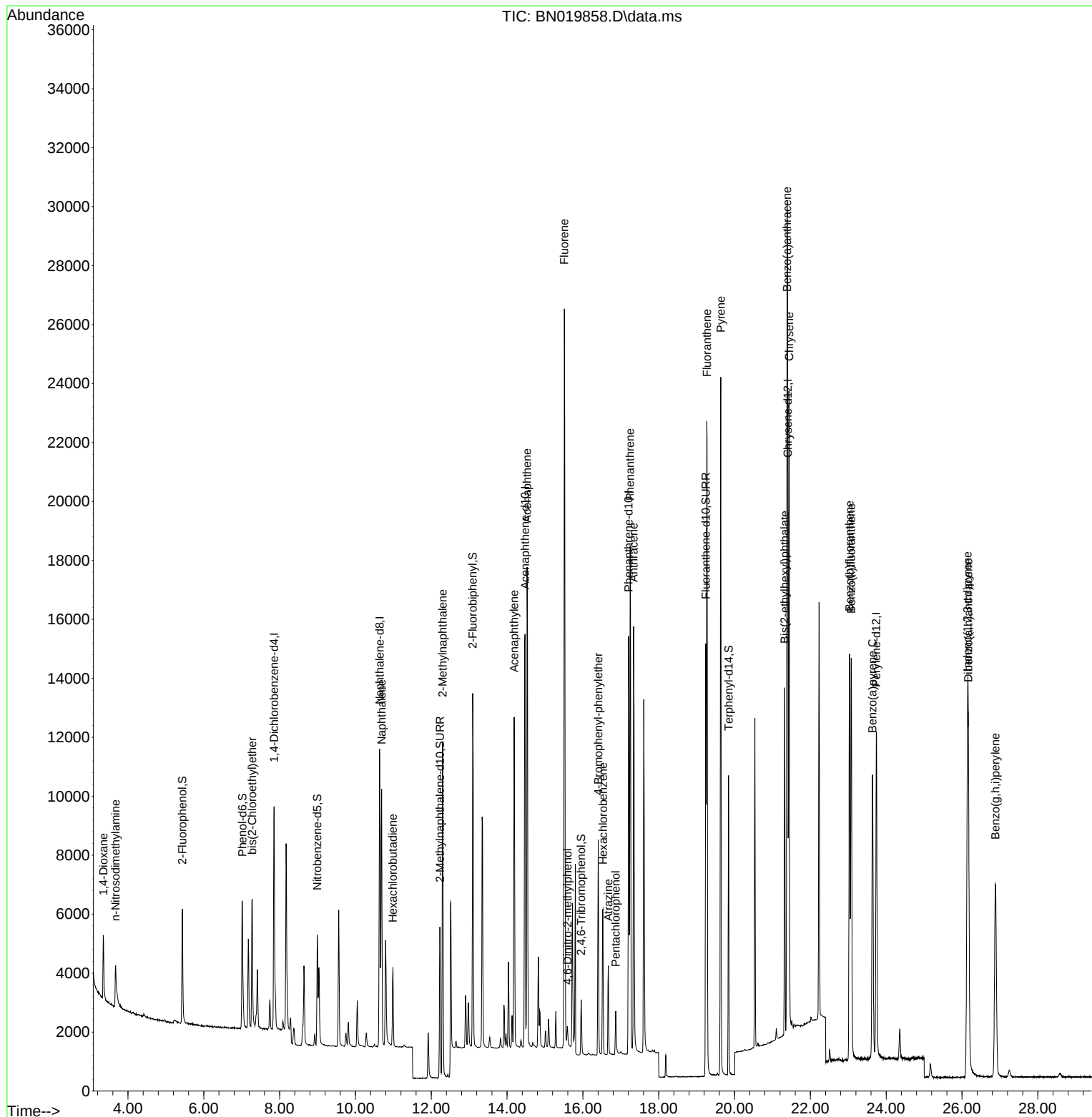
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.854  | 152  | 3977     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.637 | 136  | 13600    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.474 | 164  | 9055     | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10          | 17.205 | 188  | 19677    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.404 | 240  | 17387    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.741 | 264  | 15593    | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.435  | 112  | 3499     | 0.352 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.017  | 99   | 4466     | 0.358 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.993  | 82   | 3222     | 0.314 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.227 | 152  | 7204     | 0.304 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.954 | 330  | 1044     | 0.292 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.095 | 172  | 10956    | 0.277 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.240 | 212  | 16570    | 0.296 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.843 | 244  | 11719    | 0.286 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.355  | 88   | 1336     | 0.283 | ng    | 98       |
| 3) n-Nitrosodimethylamine     | 3.673  | 42   | 1518     | 0.294 | ng    | # 94     |
| 6) bis(2-Chloroethyl)ether    | 7.277  | 93   | 3648     | 0.301 | ng    | 99       |
| 9) Naphthalene                | 10.690 | 128  | 11939    | 0.289 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.989 | 225  | 2252     | 0.300 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.299 | 142  | 8473     | 0.301 | ng    | 99       |
| 16) Acenaphthylene            | 14.185 | 152  | 13170    | 0.310 | ng    | 98       |
| 17) Acenaphthene              | 14.527 | 154  | 8615     | 0.274 | ng    | 96       |
| 18) Fluorene                  | 15.511 | 166  | 11457    | 0.288 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.596 | 198  | 508      | 0.180 | ng    | # 83     |
| 21) 4-Bromophenyl-phenylether | 16.405 | 248  | 3497     | 0.291 | ng    | # 89     |
| 22) Hexachlorobenzene         | 16.528 | 284  | 3994     | 0.300 | ng    | 99       |
| 23) Atrazine                  | 16.672 | 200  | 2545     | 0.324 | ng    | 98       |
| 24) Pentachlorophenol         | 16.867 | 266  | 820      | 0.159 | ng    | 97       |
| 25) Phenanthrene              | 17.246 | 178  | 19294    | 0.283 | ng    | 100      |
| 26) Anthracene                | 17.338 | 178  | 16638    | 0.289 | ng    | 100      |
| 28) Fluoranthene              | 19.270 | 202  | 21221    | 0.291 | ng    | 100      |
| 30) Pyrene                    | 19.636 | 202  | 21757    | 0.295 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.387 | 228  | 19489    | 0.308 | ng    | 100      |
| 33) Chrysene                  | 21.440 | 228  | 19878    | 0.280 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.324 | 149  | 10902    | 0.413 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 26.144 | 276  | 18299    | 0.251 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 23.030 | 252  | 17954    | 0.264 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 23.077 | 252  | 19091    | 0.264 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.635 | 252  | 15179    | 0.283 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 26.167 | 278  | 14602    | 0.248 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.878 | 276  | 14811    | 0.245 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

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Operator : CG/JU  
Sample : PB144940BSD  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB144940BSD

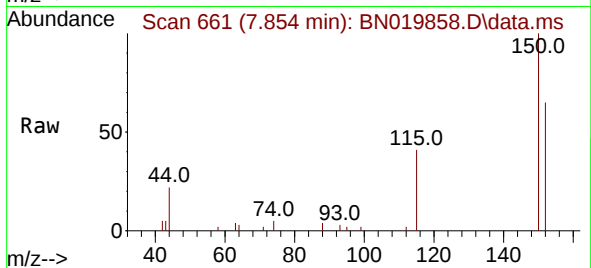
Quant Time: May 20 06:35:09 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051322.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 18 07:42:52 2022  
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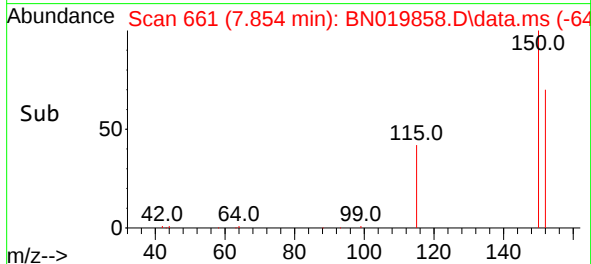
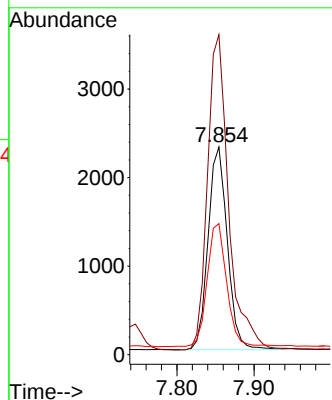
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.854 min Scan# 661  
 Delta R.T. 0.007 min  
 Lab File: BN019858.D  
 Acq: 19 May 2022 16:52

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB144940BSD



Tgt Ion: 152 Resp: 3977

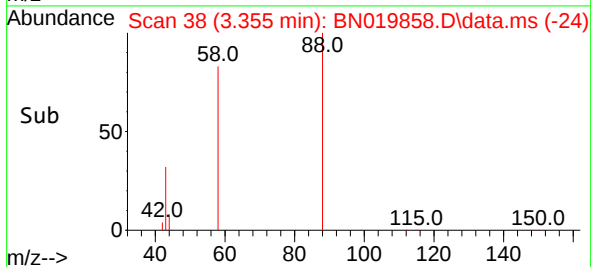
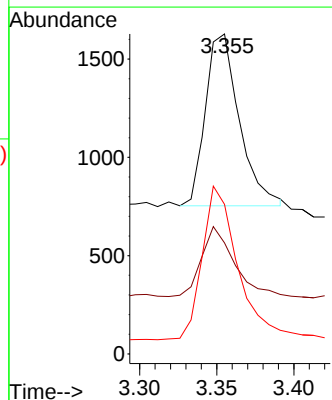
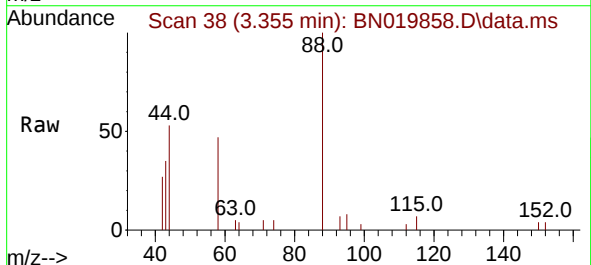
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 154.0 | 127.9 | 191.9 |
| 115 | 63.1  | 51.4  | 77.2  |



#2  
 1,4-Dioxane  
 Concen: 0.283 ng  
 RT: 3.355 min Scan# 38  
 Delta R.T. -0.000 min  
 Lab File: BN019858.D  
 Acq: 19 May 2022 16:52

Tgt Ion: 88 Resp: 1336

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 39.1  | 30.2  | 45.2  |
| 58  | 93.0  | 73.0  | 109.6 |

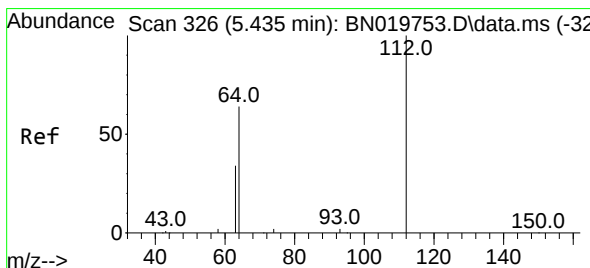
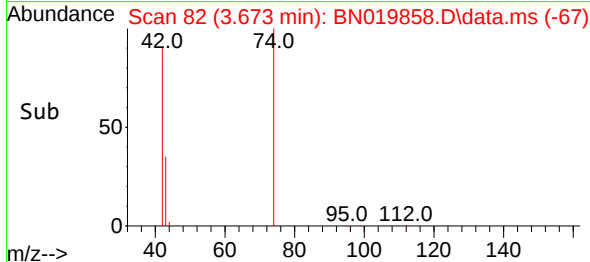
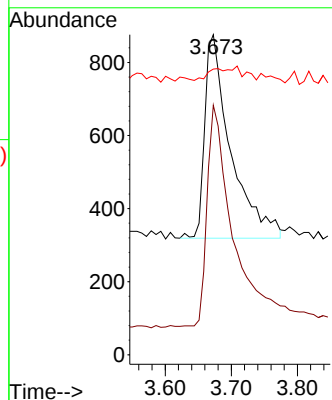
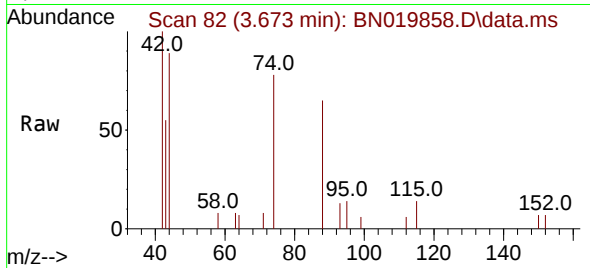




#3  
 n-Nitrosodimethylamine  
 Concen: 0.294 ng  
 RT: 3.673 min Scan# 82  
 Delta R.T. 0.007 min  
 Lab File: BN019858.D  
 Acq: 19 May 2022 16:52

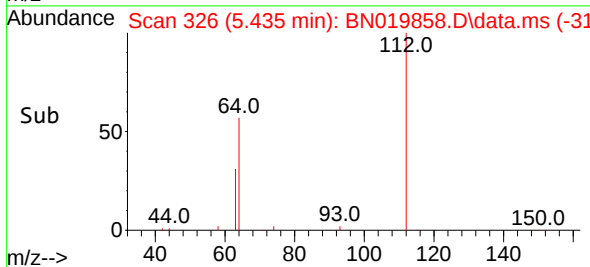
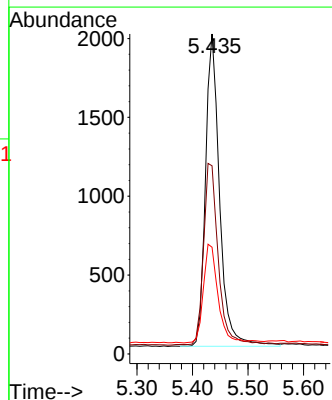
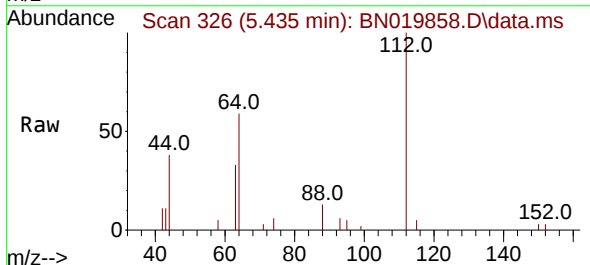
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB144940BSD

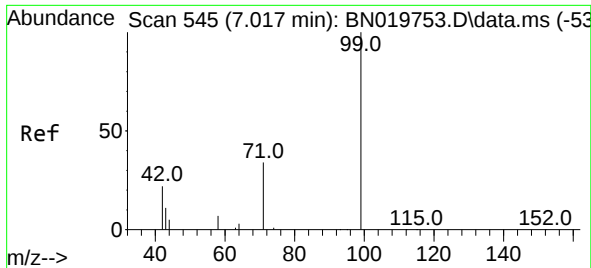
Tgt Ion: 42 Resp: 1518  
 Ion Ratio Lower Upper  
 42 100  
 74 109.0 84.0 126.0  
 44 3.5 9.8 14.8#



#4  
 2-Fluorophenol  
 Concen: 0.352 ng  
 RT: 5.435 min Scan# 326  
 Delta R.T. -0.000 min  
 Lab File: BN019858.D  
 Acq: 19 May 2022 16:52

Tgt Ion: 112 Resp: 3499  
 Ion Ratio Lower Upper  
 112 100  
 64 61.0 49.1 73.7  
 63 32.6 26.3 39.5

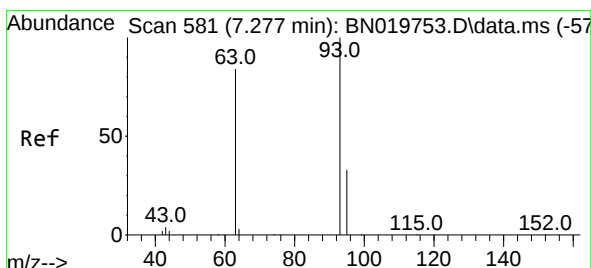
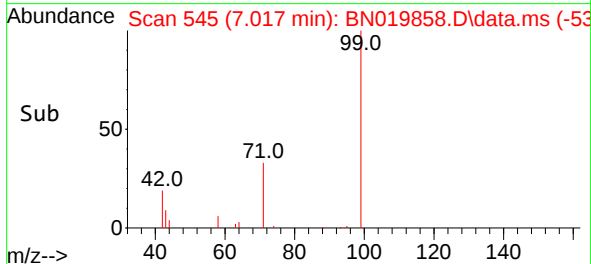
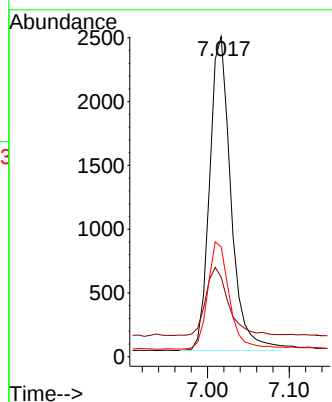
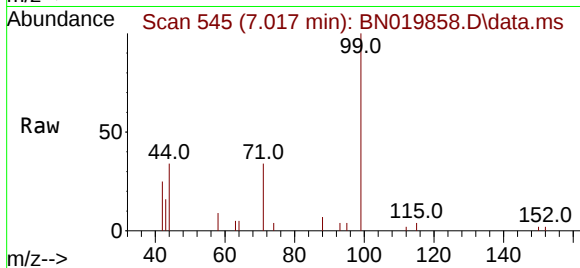




#5  
Phenol-d6  
Concen: 0.358 ng  
RT: 7.017 min Scan# 545  
Delta R.T. 0.007 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

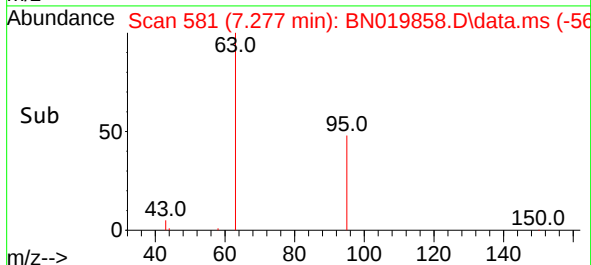
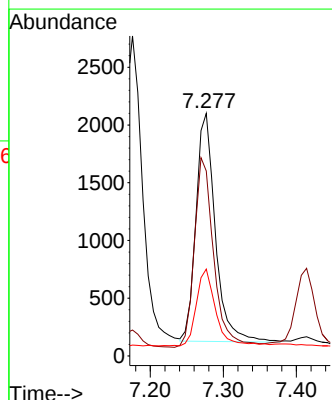
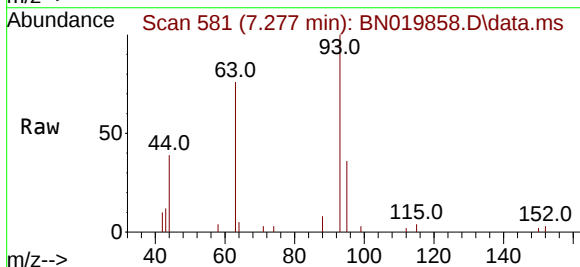
Instrument :  
BNA\_N  
ClientSampleId :  
PB144940BSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 4466  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 23.1  | 19.3  | 28.9  |
| 71       | 34.3  | 27.5  | 41.3  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.301 ng  
RT: 7.277 min Scan# 581  
Delta R.T. 0.007 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 3648  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 82.9  | 67.4  | 101.0 |
| 95       | 33.6  | 26.5  | 39.7  |

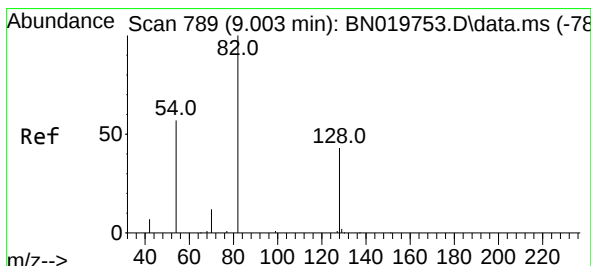
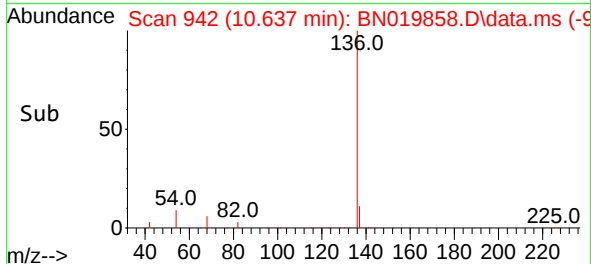
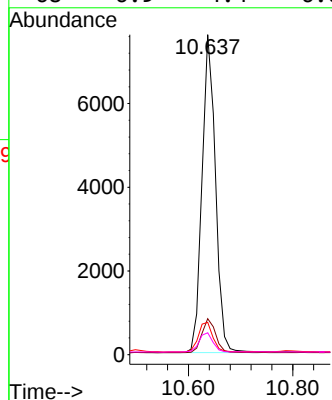
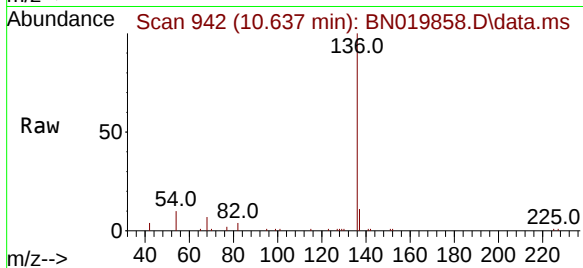




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.637 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

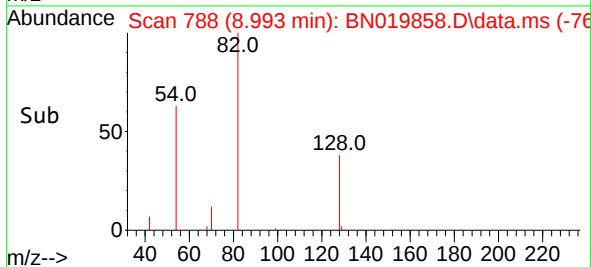
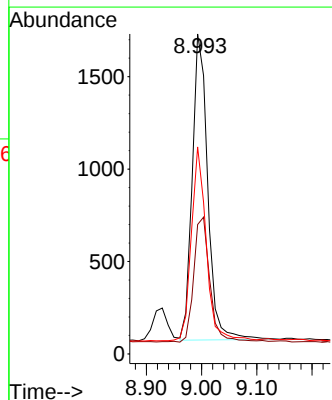
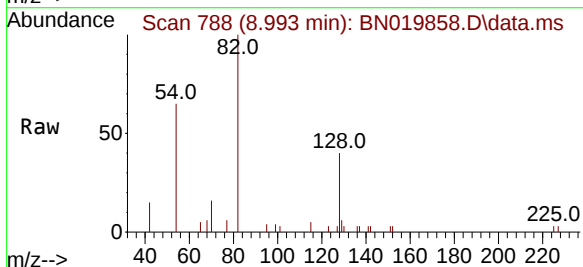
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PB144940BSD

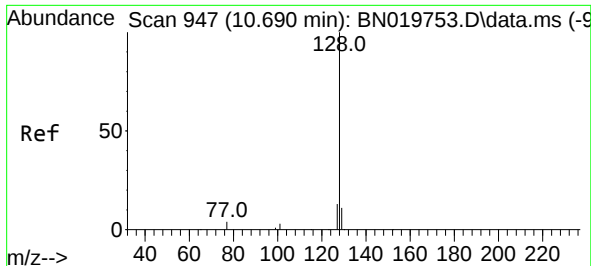
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 13600 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.2  | 9.0   | 13.6  |
| 54        | 10.1  | 6.2   | 9.2#  |
| 68        | 6.9   | 4.4   | 6.6#  |



#8  
Nitrobenzene-d5  
Concen: 0.314 ng  
RT: 8.993 min Scan# 788  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3222 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 40.4  | 35.0  | 52.6 |
| 54        | 64.7  | 46.2  | 69.4 |

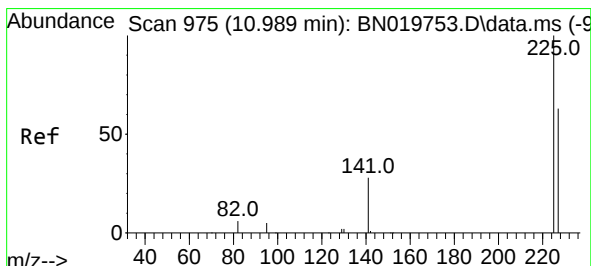
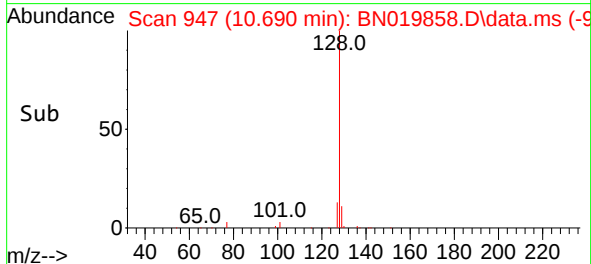
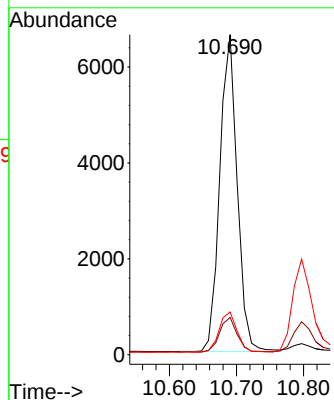
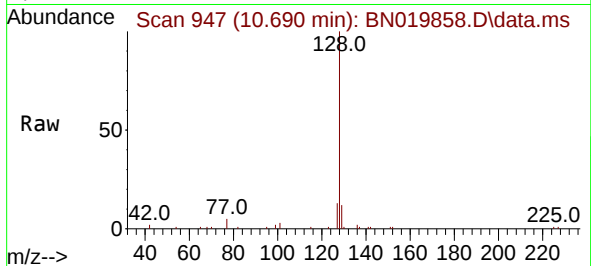




#9  
Naphthalene  
Concen: 0.289 ng  
RT: 10.690 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

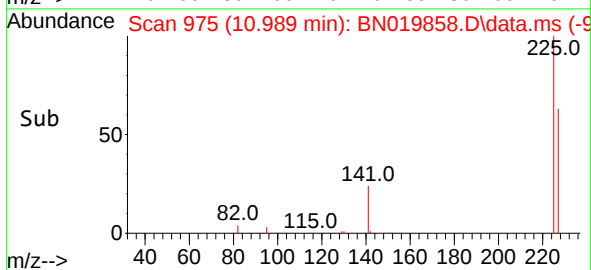
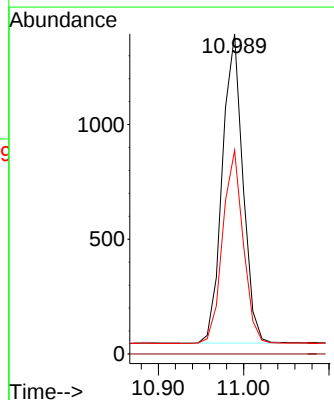
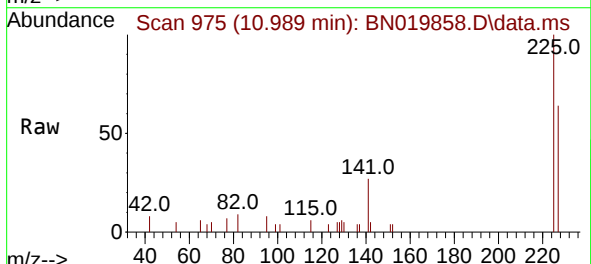
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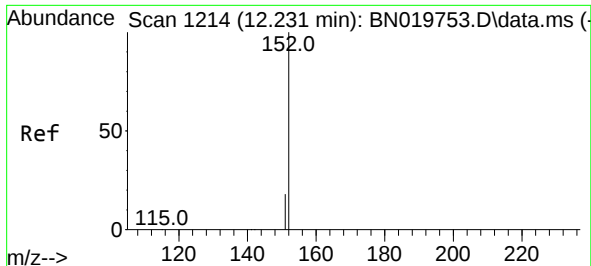
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Ion Ratio Lower Upper  
128 100  
129 11.7 8.9 13.3  
127 13.4 10.8 16.2



#10  
Hexachlorobutadiene  
Concen: 0.300 ng  
RT: 10.989 min Scan# 975  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

Tgt Ion:225 Resp: 2252  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 62.2 50.9 76.3

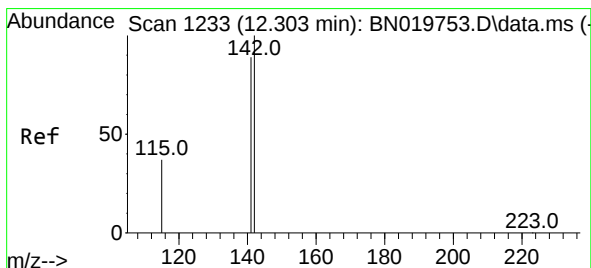
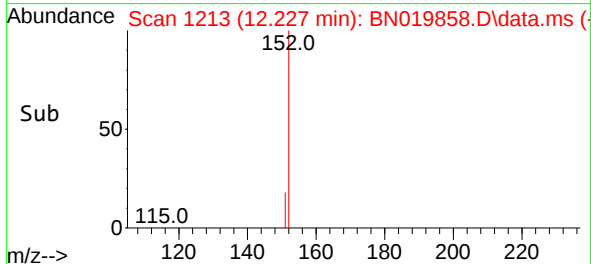
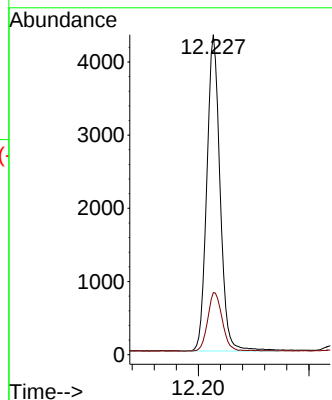
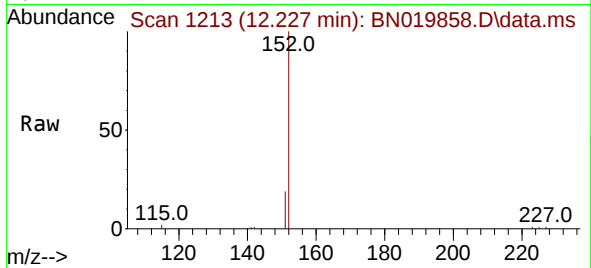




#11  
2-Methylnaphthalene-d10  
Concen: 0.304 ng  
RT: 12.227 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

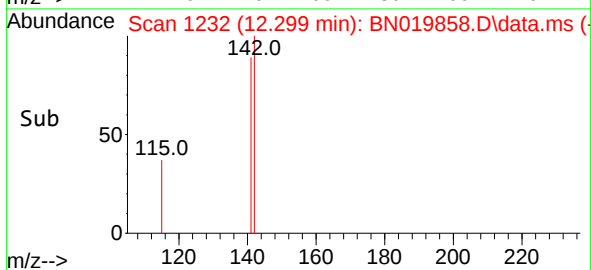
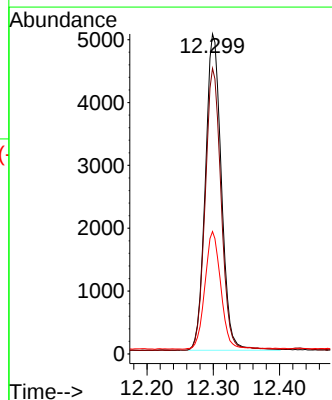
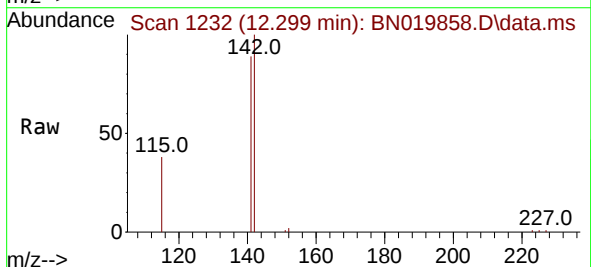
Instrument :  
BNA\_N  
ClientSampleId :  
PB144940BSD

Tgt Ion:152 Resp: 7204  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.2 24.4



#12  
2-Methylnaphthalene  
Concen: 0.301 ng  
RT: 12.299 min Scan# 1232  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

Tgt Ion:142 Resp: 8473  
Ion Ratio Lower Upper  
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141 89.2 71.6 107.4  
115 38.2 29.8 44.8

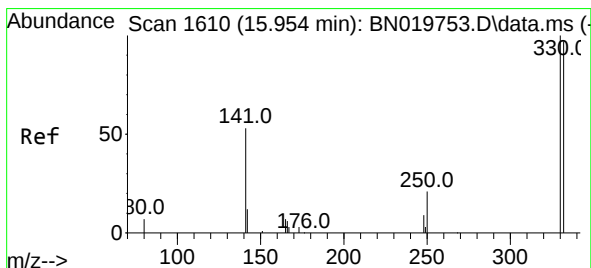
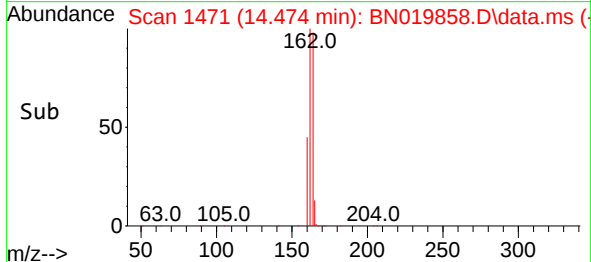
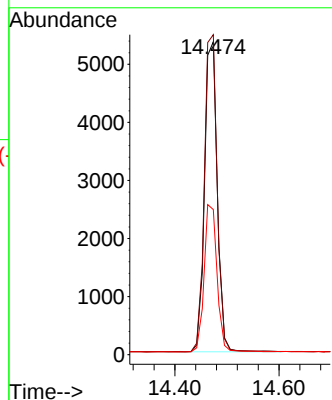
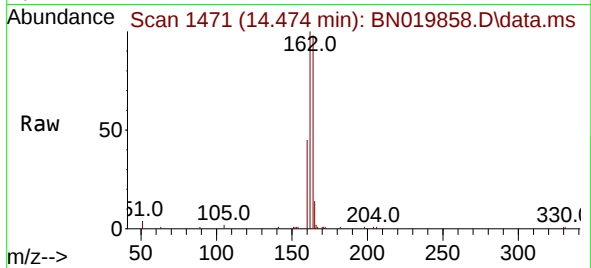




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.474 min Scan# 1471  
Delta R.T. 0.011 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

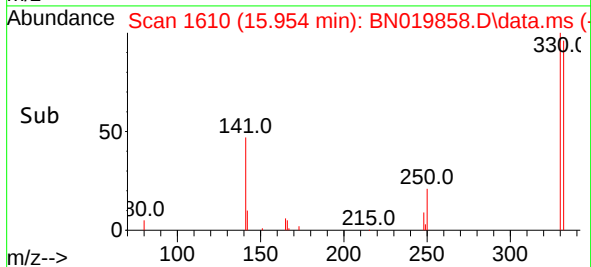
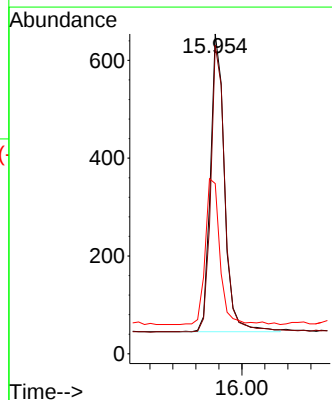
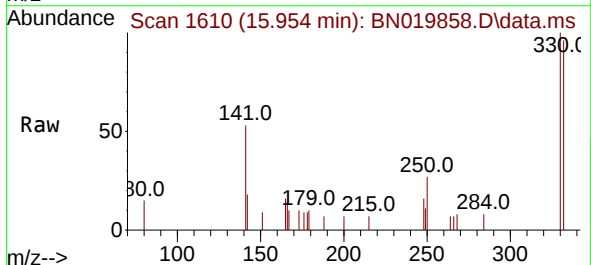
Instrument :  
BNA\_N  
ClientSampleId :  
PB144940BSD

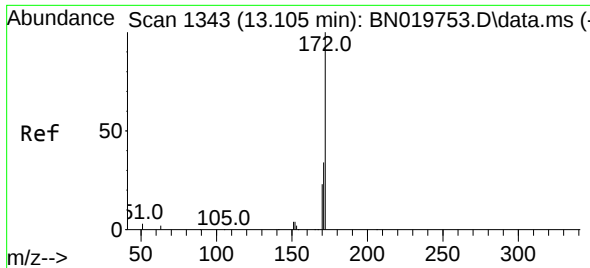
Tgt Ion:164 Resp: 9055  
Ion Ratio Lower Upper  
164 100  
162 102.2 82.1 123.1  
160 46.4 38.6 58.0



#14  
2,4,6-Tribromophenol  
Concen: 0.292 ng  
RT: 15.954 min Scan# 1610  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

Tgt Ion:330 Resp: 1044  
Ion Ratio Lower Upper  
330 100  
332 95.8 77.6 116.4  
141 50.9 41.0 61.4

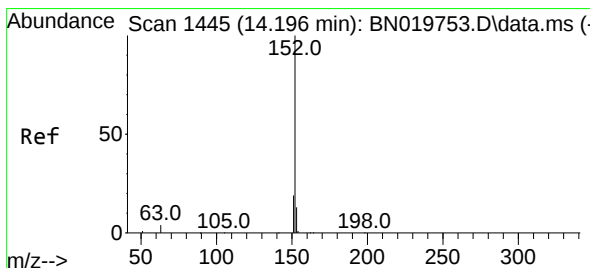
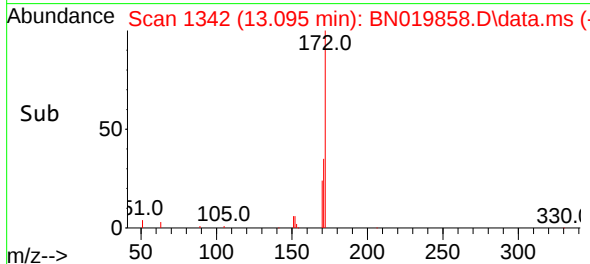
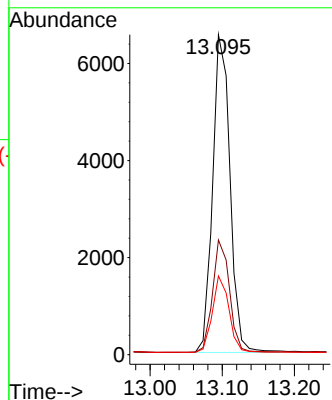
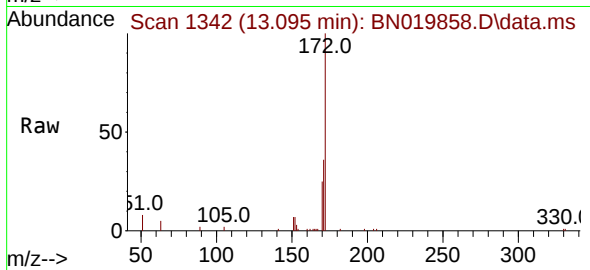




#15  
2-Fluorobiphenyl  
Concen: 0.277 ng  
RT: 13.095 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

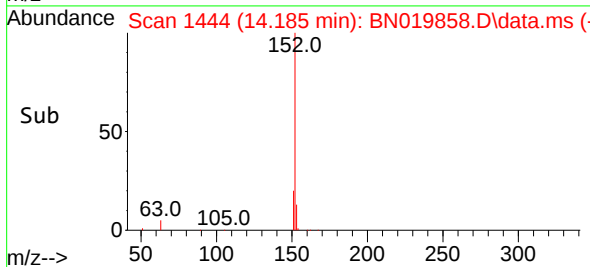
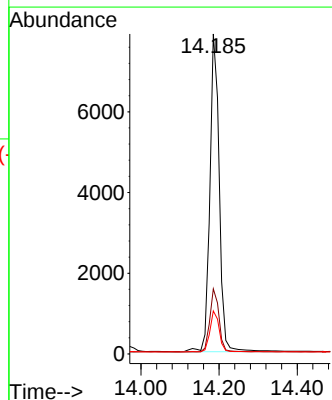
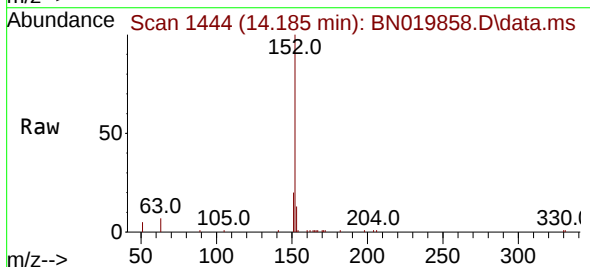
Instrument :  
BNA\_N  
ClientSampleId :  
PB144940BSD

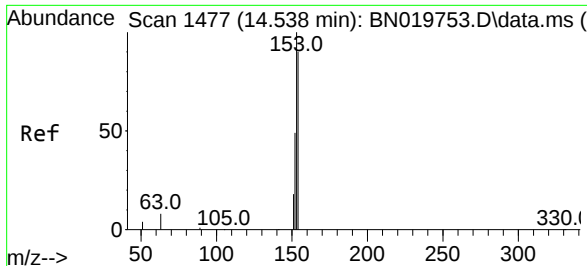
Tgt Ion:172 Resp: 10956  
Ion Ratio Lower Upper  
172 100  
171 35.8 27.2 40.8  
170 24.6 18.2 27.4



#16  
Acenaphthylene  
Concen: 0.310 ng  
RT: 14.185 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

Tgt Ion:152 Resp: 13170  
Ion Ratio Lower Upper  
152 100  
151 19.5 16.2 24.4  
153 12.8 10.7 16.1

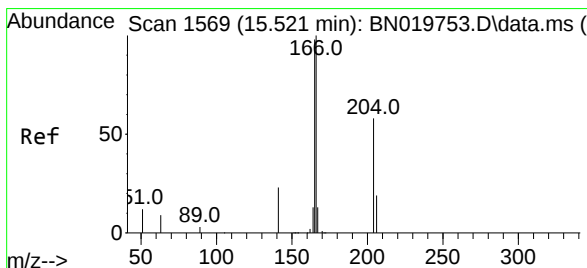
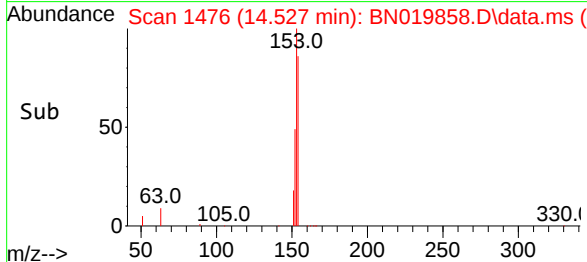
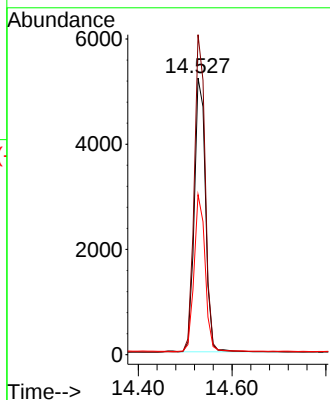
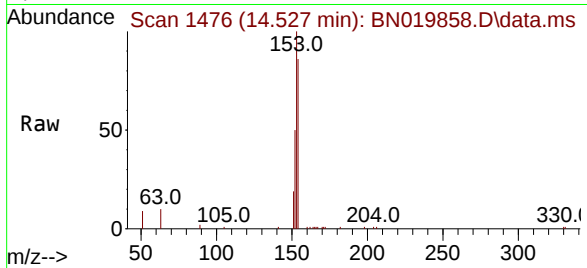




#17  
Acenaphthene  
Concen: 0.274 ng  
RT: 14.527 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

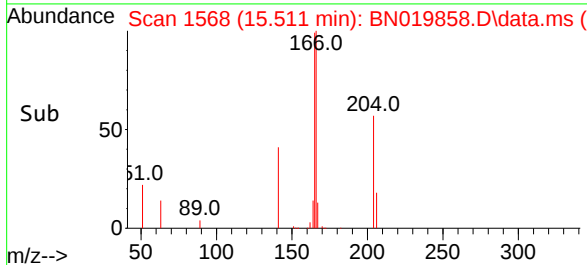
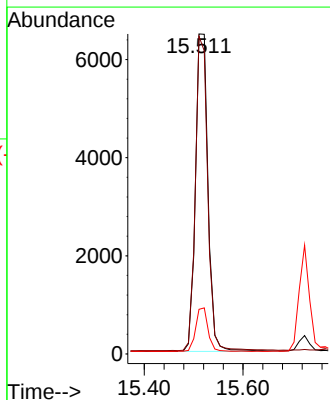
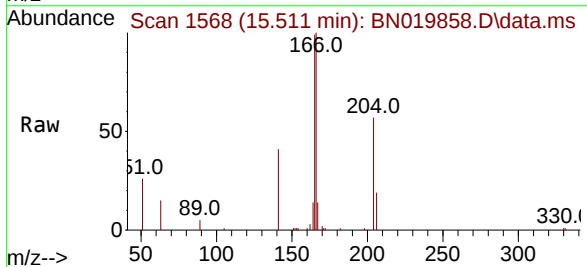
Instrument :  
BNA\_N  
ClientSampleId :  
PB144940BSD

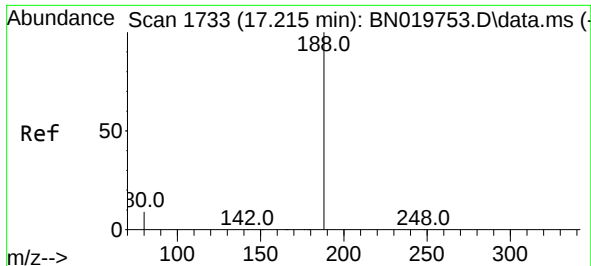
Tgt Ion:154 Resp: 8615  
Ion Ratio Lower Upper  
154 100  
153 114.1 87.5 131.3  
152 56.8 43.8 65.6



#18  
Fluorene  
Concen: 0.288 ng  
RT: 15.511 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

Tgt Ion:166 Resp: 11457  
Ion Ratio Lower Upper  
166 100  
165 96.9 78.6 118.0  
167 13.5 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.205 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN019858.D

Acq: 19 May 2022 16:52

Instrument :

BNA\_N

ClientSampleId :

PB144940BSD

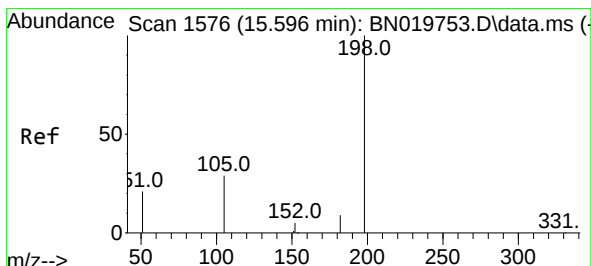
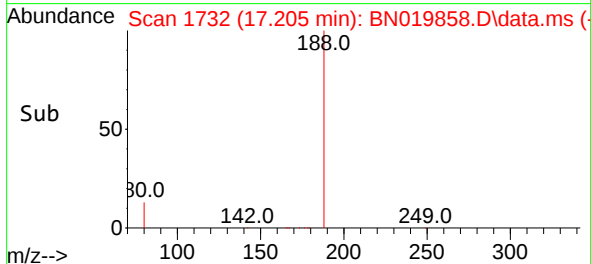
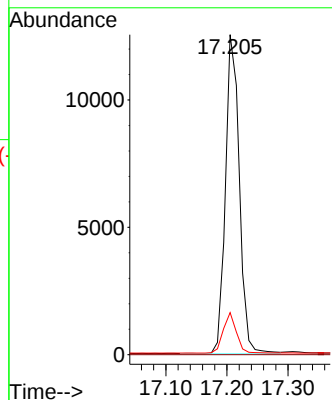
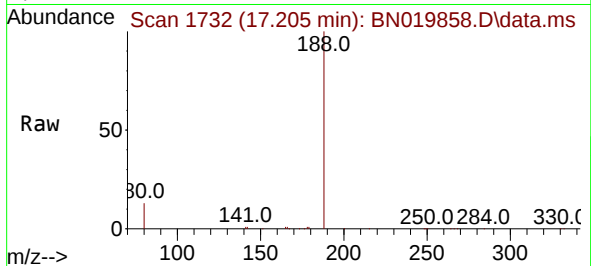
Tgt Ion:188 Resp: 19677

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.1 7.4 11.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.180 ng

RT: 15.596 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BN019858.D

Acq: 19 May 2022 16:52

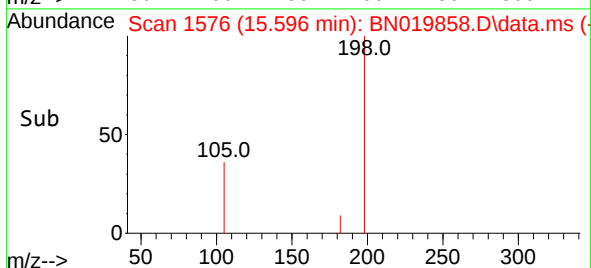
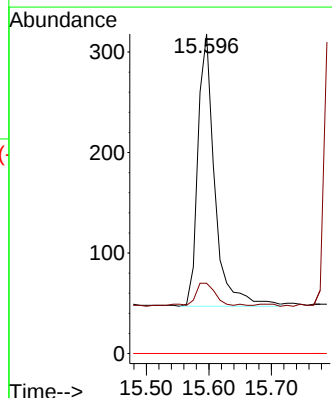
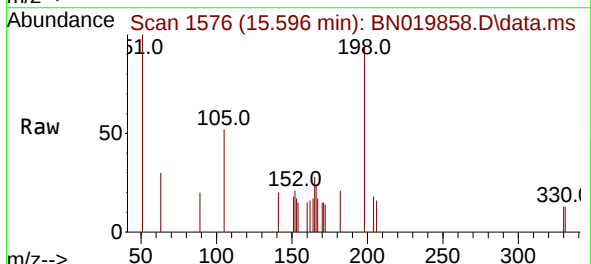
Tgt Ion:198 Resp: 508

Ion Ratio Lower Upper

198 100

182 22.0 12.1 18.1#

77 0.0 0.0 0.0

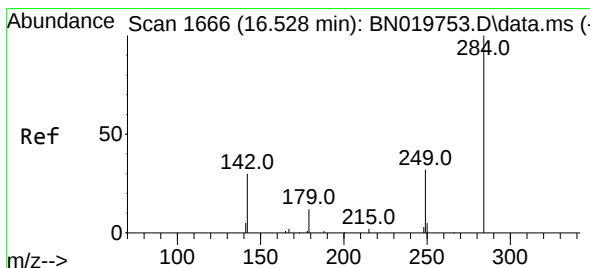
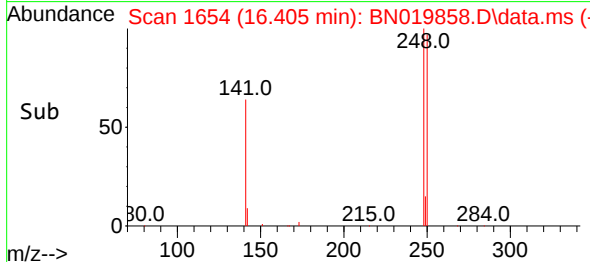
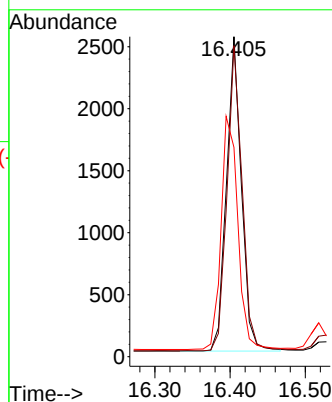
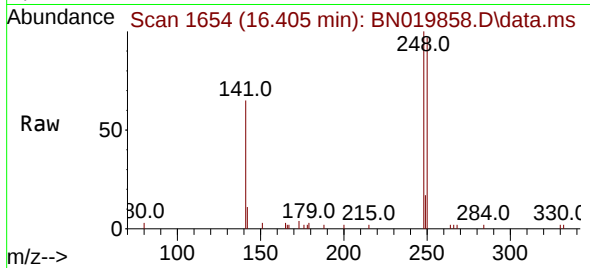




#21  
4-Bromophenyl-phenylether  
Concen: 0.291 ng  
RT: 16.405 min Scan# 1654  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

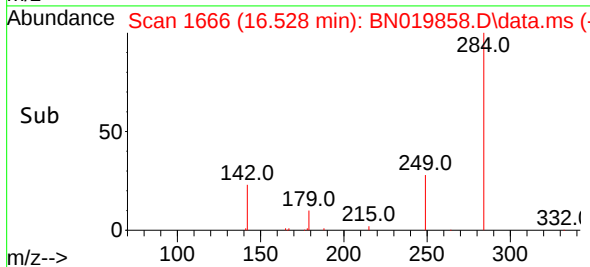
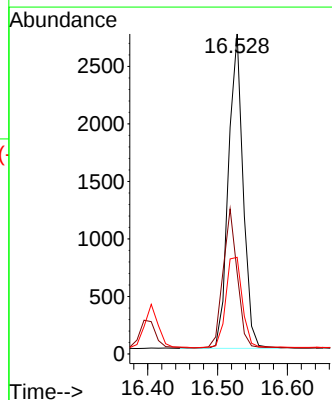
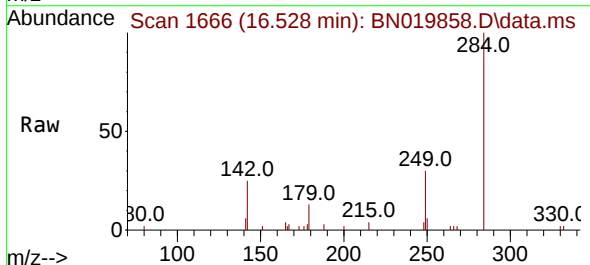
Instrument :  
BNA\_N  
ClientSampleId :  
PB144940BSD

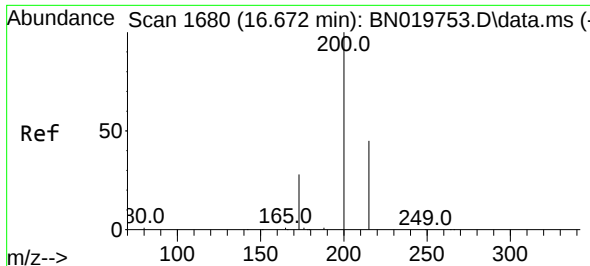
Tgt Ion:248 Resp: 3497  
Ion Ratio Lower Upper  
248 100  
250 97.2 75.3 112.9  
141 65.4 67.3 100.9#



#22  
Hexachlorobenzene  
Concen: 0.300 ng  
RT: 16.528 min Scan# 1666  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

Tgt Ion:284 Resp: 3994  
Ion Ratio Lower Upper  
284 100  
142 42.8 35.2 52.8  
249 32.8 26.6 40.0

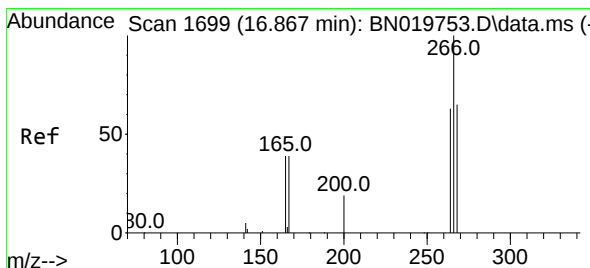
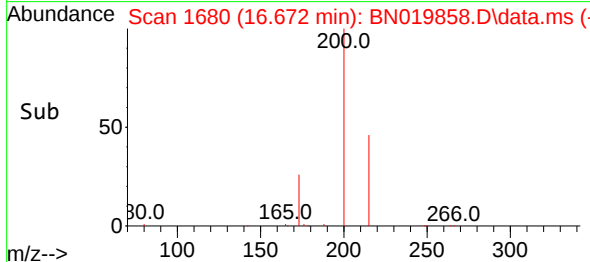
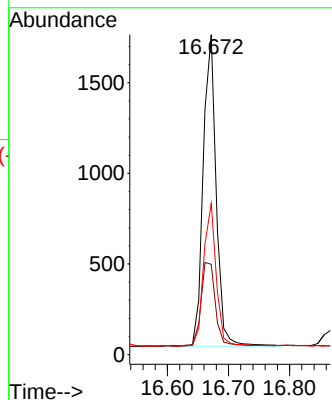
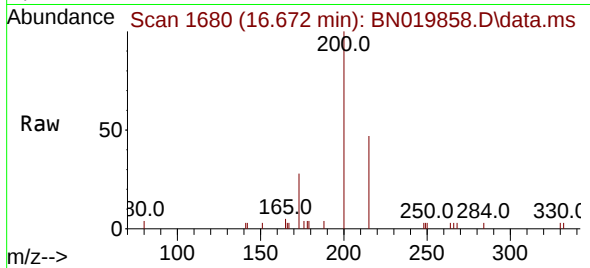




#23  
Atrazine  
Concen: 0.324 ng  
RT: 16.672 min Scan# 1680  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

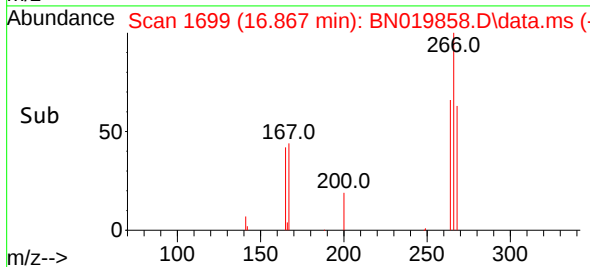
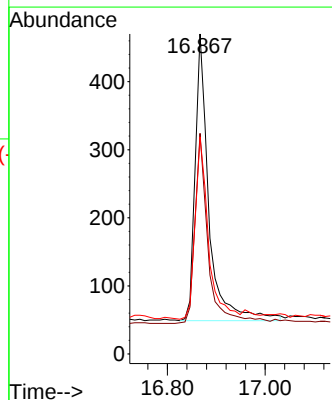
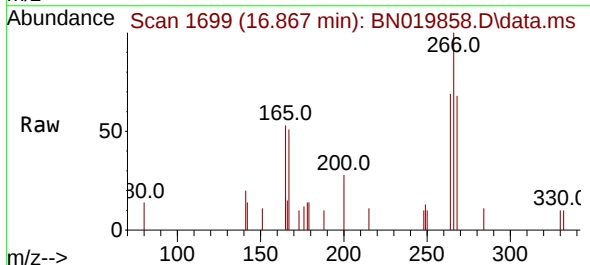
Instrument :  
BNA\_N  
ClientSampleId :  
PB144940BSD

Tgt Ion:200 Resp: 2545  
Ion Ratio Lower Upper  
200 100  
173 28.3 23.6 35.4  
215 47.3 36.6 54.8



#24  
Pentachlorophenol  
Concen: 0.159 ng  
RT: 16.867 min Scan# 1699  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

Tgt Ion:266 Resp: 820  
Ion Ratio Lower Upper  
266 100  
264 63.2 51.3 76.9  
268 61.7 52.6 79.0

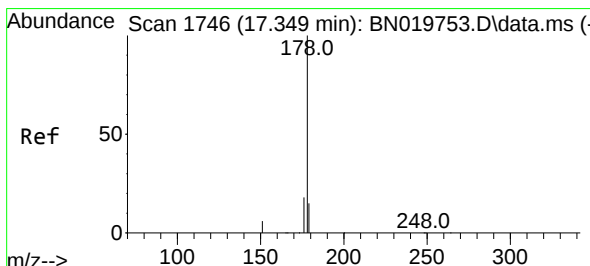
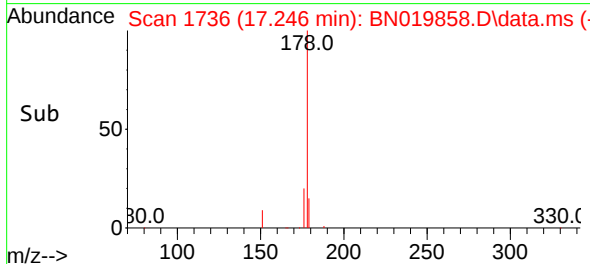
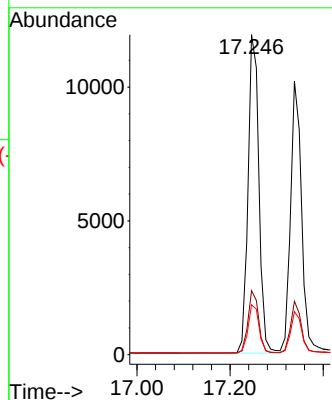
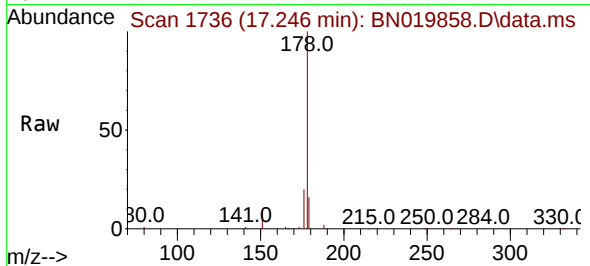




#25  
Phenanthrene  
Concen: 0.283 ng  
RT: 17.246 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

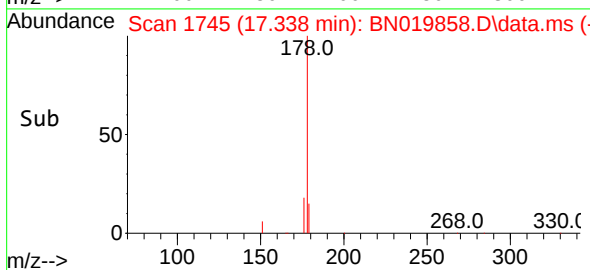
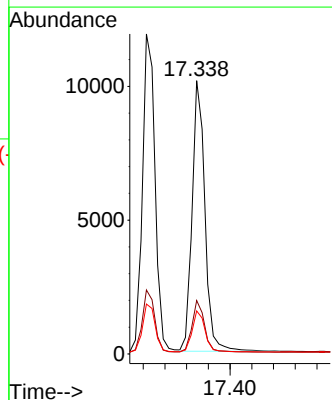
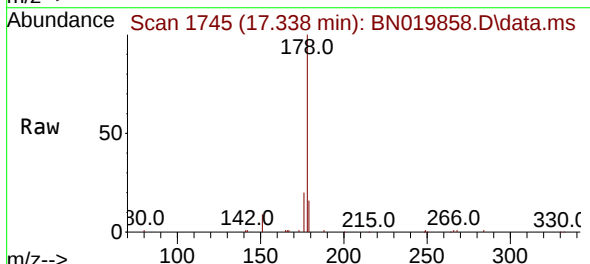
Instrument :  
BNA\_N  
ClientSampleId :  
PB144940BSD

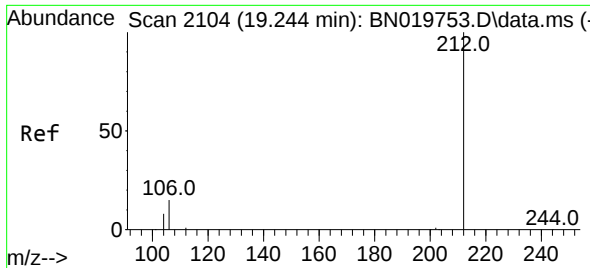
Tgt Ion:178 Resp: 19294  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.3 22.9  
179 15.4 12.2 18.4



#26  
Anthracene  
Concen: 0.289 ng  
RT: 17.338 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

Tgt Ion:178 Resp: 16638  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.9 22.3  
179 15.2 12.2 18.4

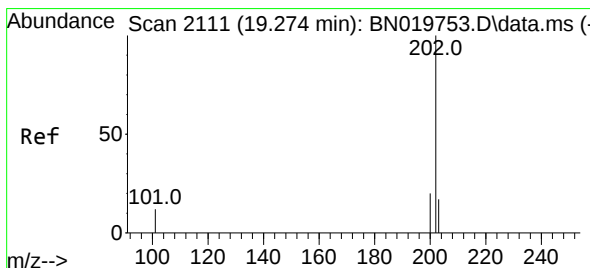
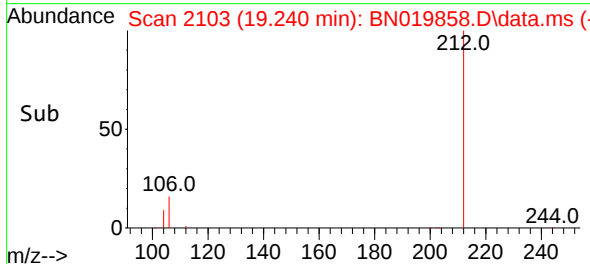
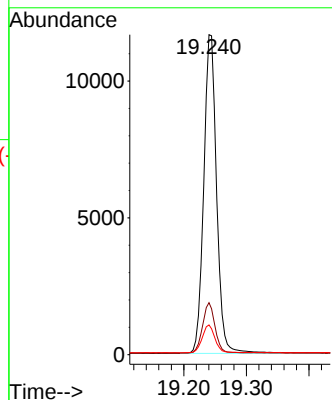
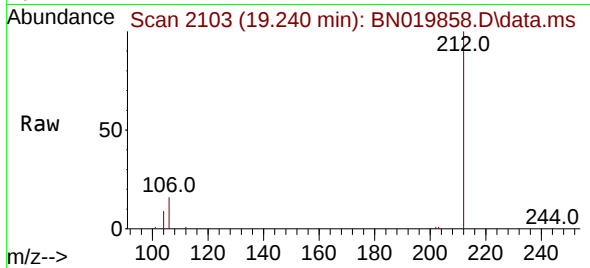




#27  
Fluoranthene-d10  
Concen: 0.296 ng  
RT: 19.240 min Scan# 2104  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

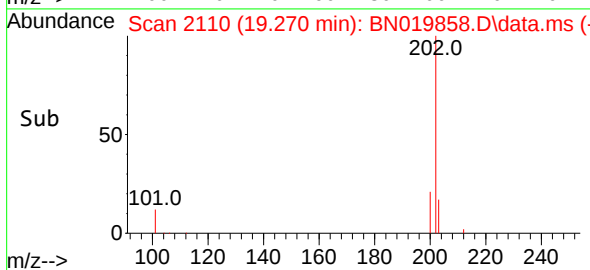
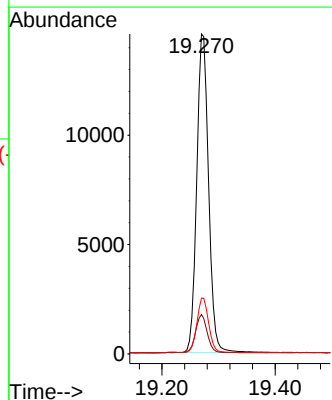
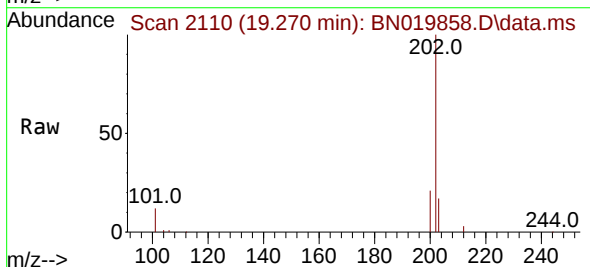
Instrument :  
BNA\_N  
ClientSampleId :  
PB144940BSD

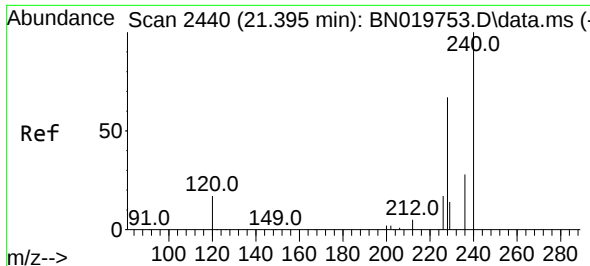
Tgt Ion:212 Resp: 16570  
Ion Ratio Lower Upper  
212 100  
106 15.3 12.6 19.0  
104 8.7 7.2 10.8



#28  
Fluoranthene  
Concen: 0.291 ng  
RT: 19.270 min Scan# 2110  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

Tgt Ion:202 Resp: 21221  
Ion Ratio Lower Upper  
202 100  
101 11.8 9.6 14.4  
203 16.9 13.5 20.3

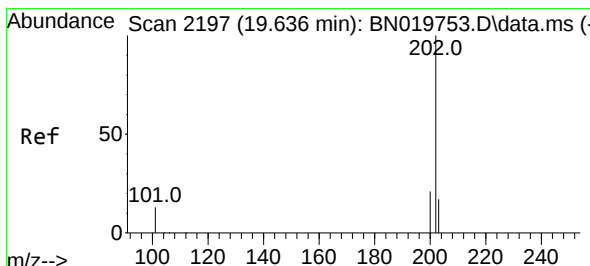
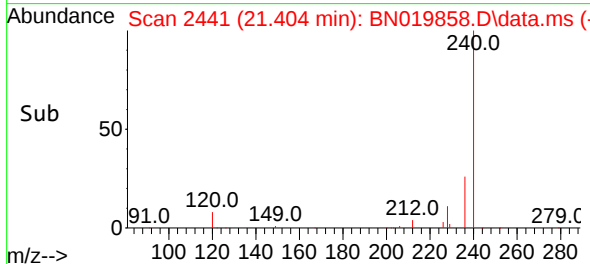
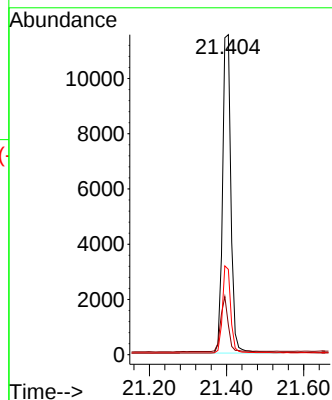
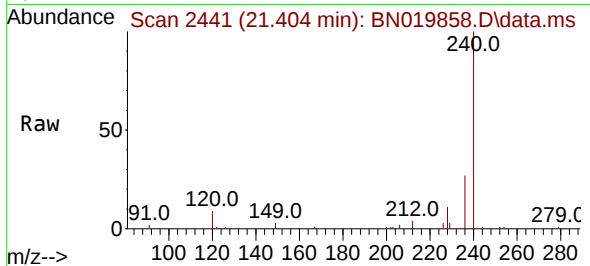




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.404 min Scan# 2441  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

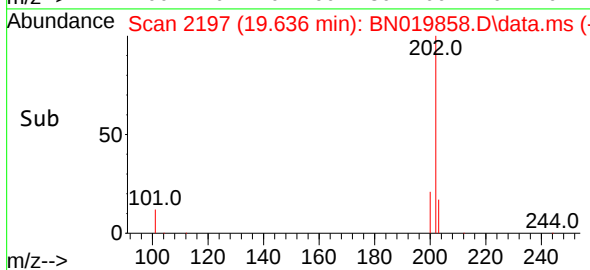
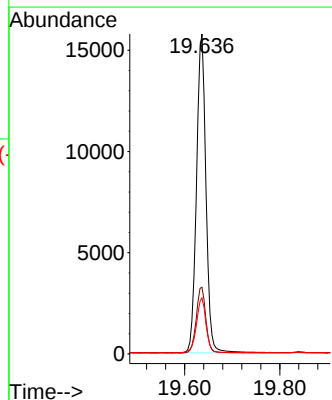
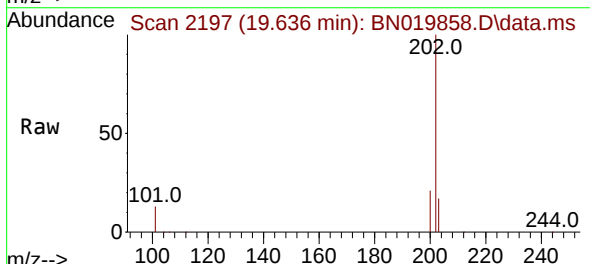
Instrument :  
BNA\_N  
ClientSampleId :  
PB144940BSD

Tgt Ion:240 Resp: 17387  
Ion Ratio Lower Upper  
240 100  
120 9.3 14.6 21.8#  
236 26.7 22.6 33.8



#30  
Pyrene  
Concen: 0.295 ng  
RT: 19.636 min Scan# 2197  
Delta R.T. 0.004 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

Tgt Ion:202 Resp: 21757  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.6 25.0  
203 17.5 14.2 21.2

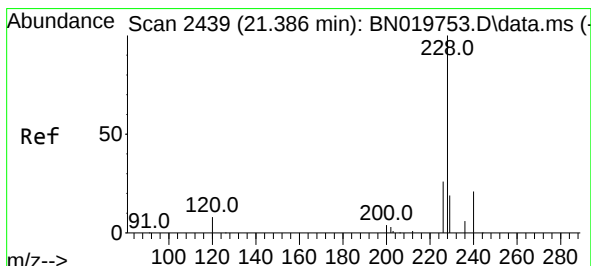
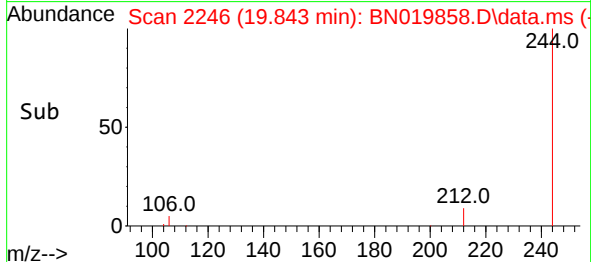
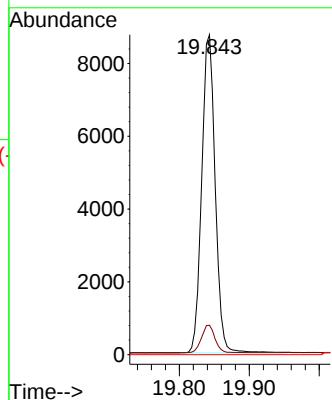
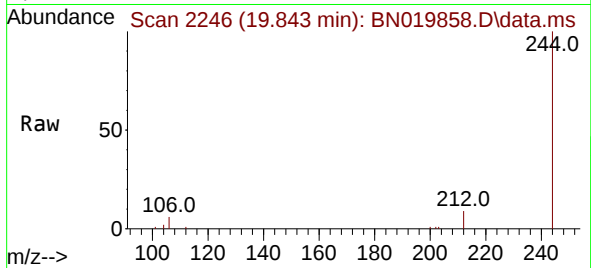




#31  
 Terphenyl-d14  
 Concen: 0.286 ng  
 RT: 19.843 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN019858.D  
 Acq: 19 May 2022 16:52

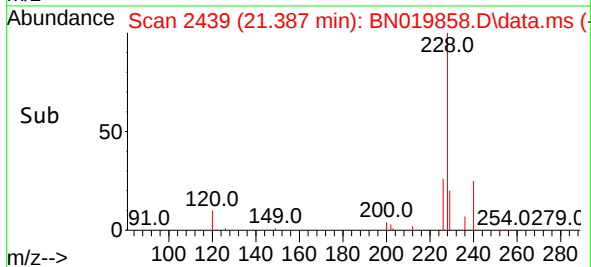
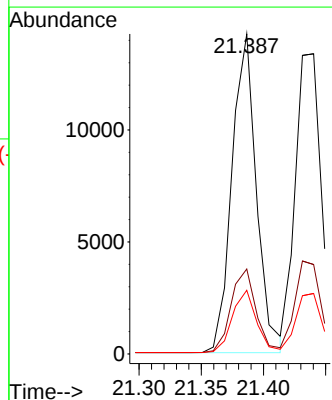
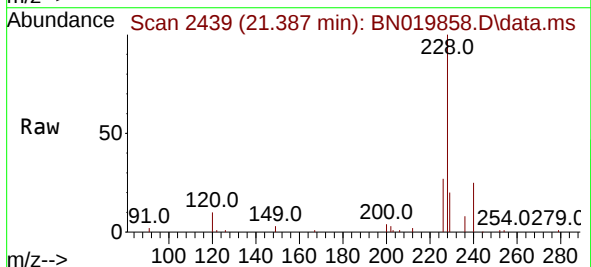
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB144940BSD

Tgt Ion:244 Resp: 11719  
 Ion Ratio Lower Upper  
 244 100  
 212 9.2 7.1 10.7  
 122 0.0 0.0 0.0



#32  
 Benzo(a)anthracene  
 Concen: 0.308 ng  
 RT: 21.387 min Scan# 2439  
 Delta R.T. -0.000 min  
 Lab File: BN019858.D  
 Acq: 19 May 2022 16:52

Tgt Ion:228 Resp: 19489  
 Ion Ratio Lower Upper  
 228 100  
 226 26.6 21.2 31.8  
 229 19.9 15.6 23.4

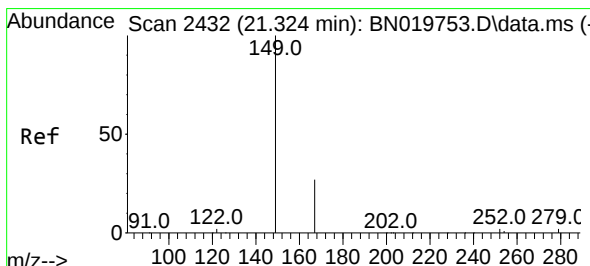
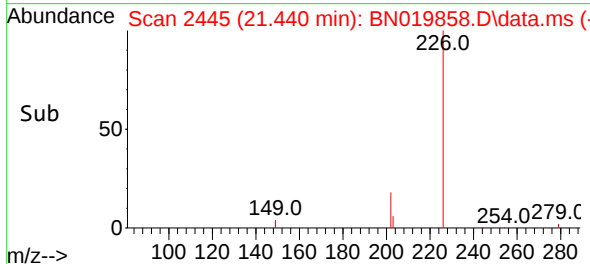
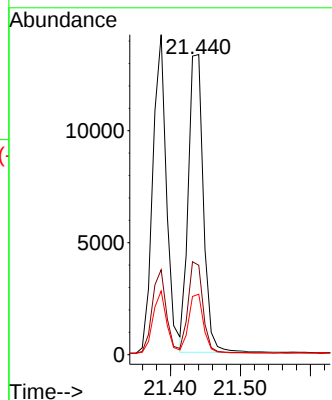
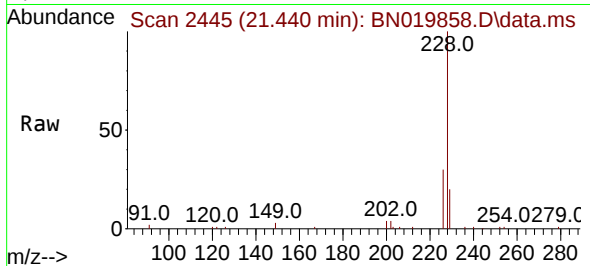




#33  
Chrysene  
Concen: 0.280 ng  
RT: 21.440 min Scan# 2445  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

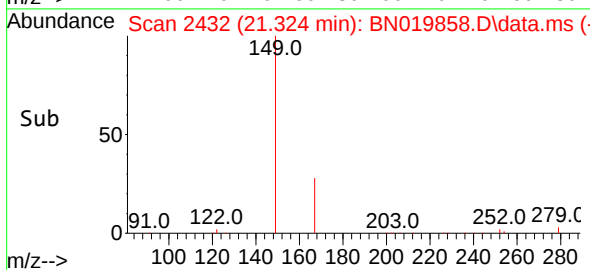
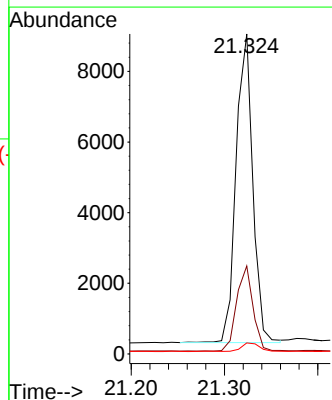
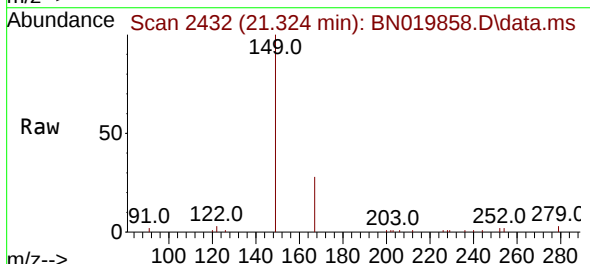
Instrument :  
BNA\_N  
ClientSampleId :  
PB144940BSD

Tgt Ion:228 Resp: 19878  
Ion Ratio Lower Upper  
228 100  
226 29.8 23.4 35.0  
229 20.1 15.7 23.5



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.413 ng  
RT: 21.324 min Scan# 2432  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

Tgt Ion:149 Resp: 10902  
Ion Ratio Lower Upper  
149 100  
167 26.9 21.7 32.5  
279 3.2 2.2 3.2

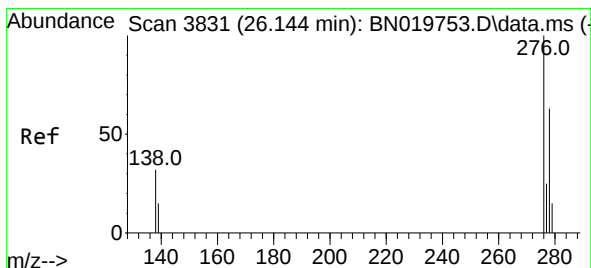
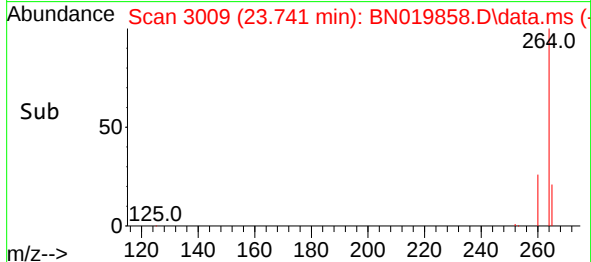
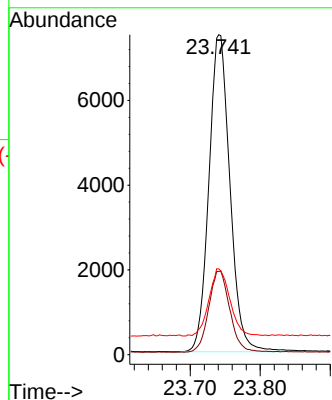
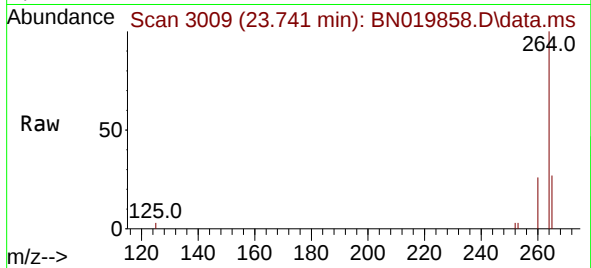




#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.741 min Scan# 3009  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

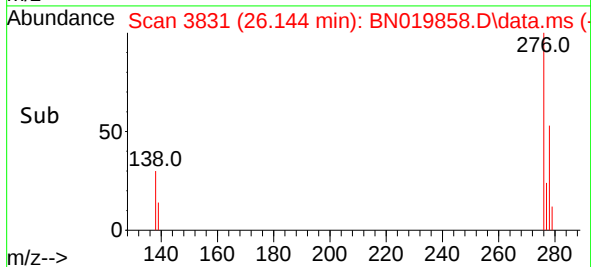
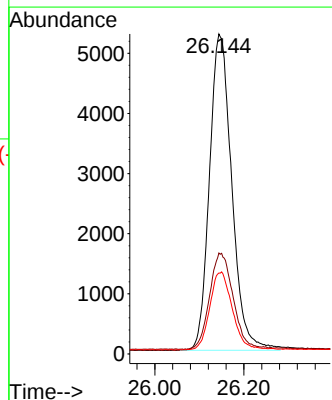
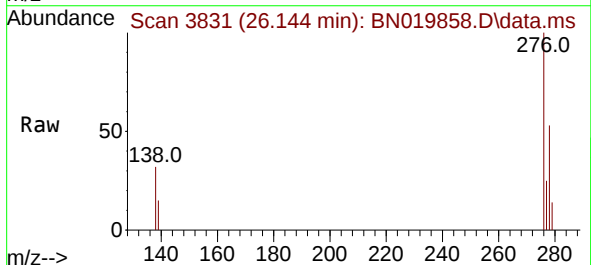
Instrument :  
BNA\_N  
ClientSampleId :  
PB144940BSD

Tgt Ion:264 Resp: 15593  
Ion Ratio Lower Upper  
264 100  
260 26.0 20.9 31.3  
265 26.8 28.0 42.0#



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.251 ng  
RT: 26.144 min Scan# 3831  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

Tgt Ion:276 Resp: 18299  
Ion Ratio Lower Upper  
276 100  
138 32.2 25.9 38.9  
277 24.9 19.8 29.8

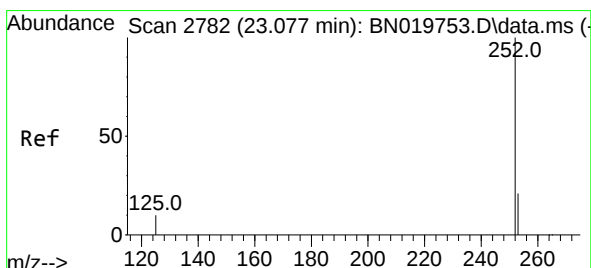
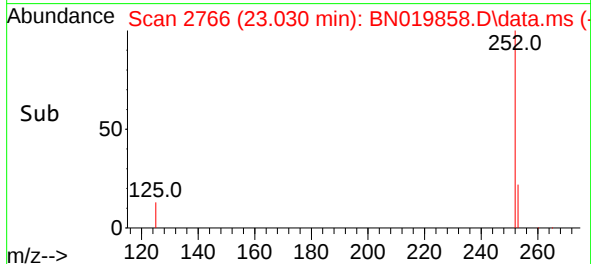
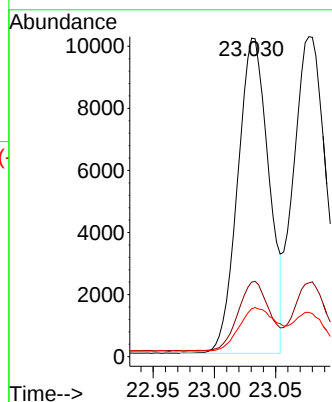
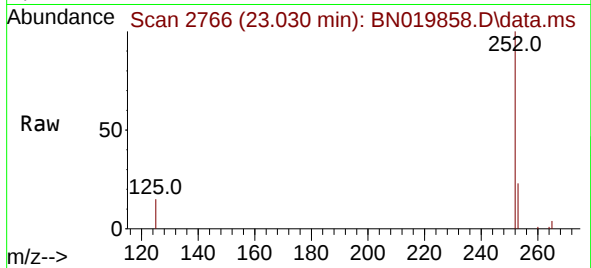




#37  
Benzo(b)fluoranthene  
Concen: 0.264 ng  
RT: 23.030 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

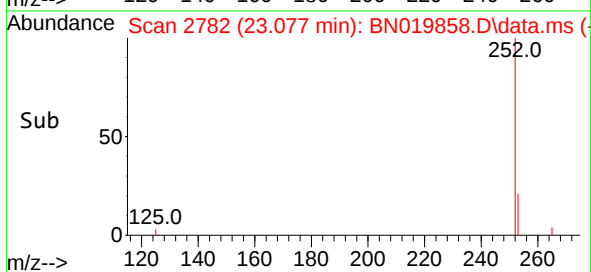
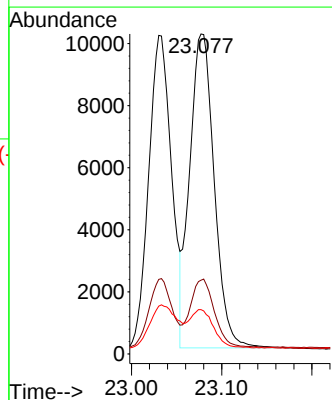
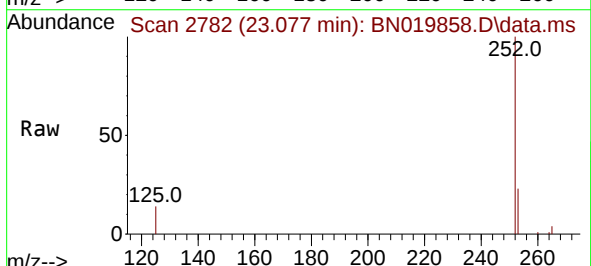
Instrument :  
BNA\_N  
ClientSampleId :  
PB144940BSD

Tgt Ion:252 Resp: 17954  
Ion Ratio Lower Upper  
252 100  
253 23.4 18.5 27.7  
125 15.0 11.4 17.0



#38  
Benzo(k)fluoranthene  
Concen: 0.264 ng  
RT: 23.077 min Scan# 2782  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

Tgt Ion:252 Resp: 19091  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.0 27.0  
125 13.9 11.0 16.4





#39

Benzo(a)pyrene

Concen: 0.283 ng

RT: 23.635 min Scan# 2973

Delta R.T. -0.003 min

Lab File: BN019858.D

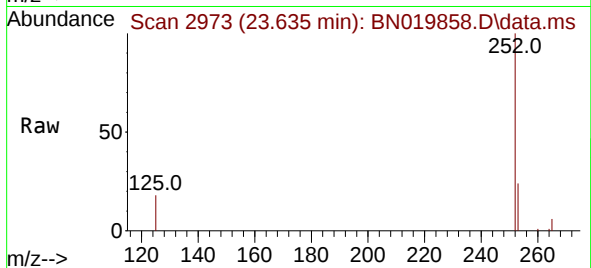
Acq: 19 May 2022 16:52

Instrument :

BNA\_N

ClientSampleId :

PB144940BSD



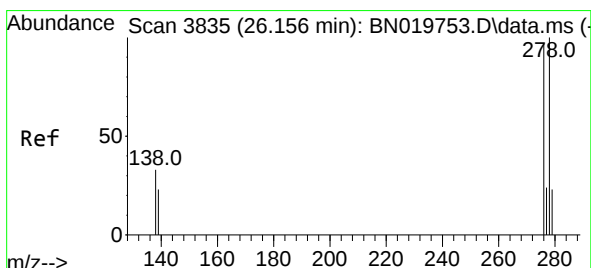
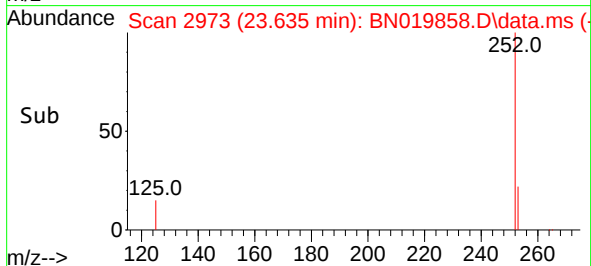
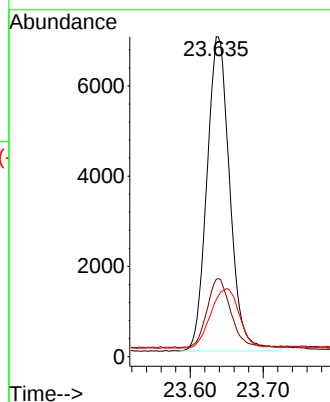
Tgt Ion:252 Resp: 15179

Ion Ratio Lower Upper

252 100

253 24.1 19.0 28.4

125 17.7 13.8 20.8



#40

Dibenzo(a,h)anthracene

Concen: 0.248 ng

RT: 26.167 min Scan# 3839

Delta R.T. 0.006 min

Lab File: BN019858.D

Acq: 19 May 2022 16:52

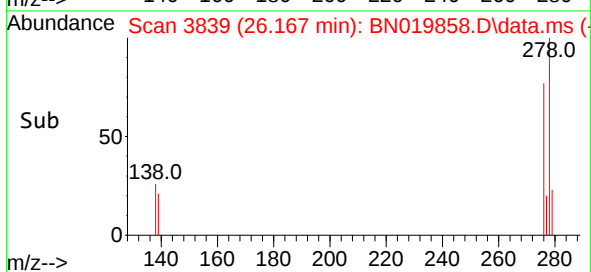
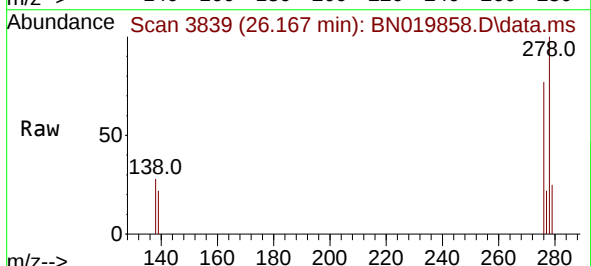
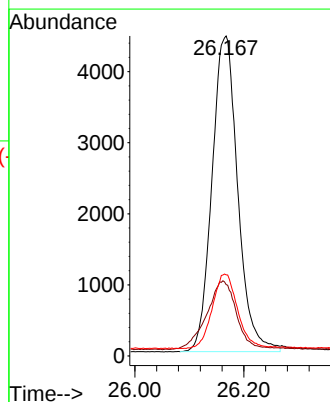
Tgt Ion:278 Resp: 14602

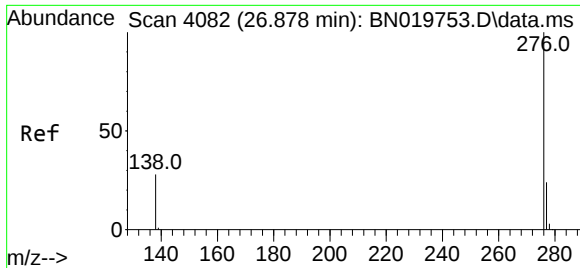
Ion Ratio Lower Upper

278 100

139 22.3 18.6 28.0

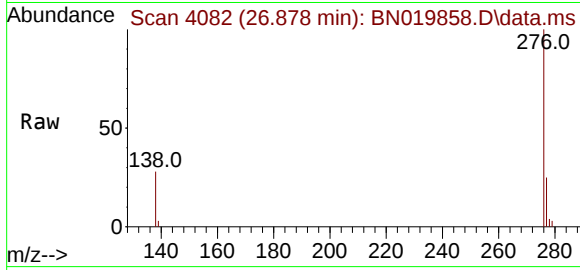
279 25.3 19.7 29.5





#41  
Benzo(g,h,i)perylene  
Concen: 0.245 ng  
RT: 26.878 min Scan# 4082  
Delta R.T. -0.000 min  
Lab File: BN019858.D  
Acq: 19 May 2022 16:52

Instrument :  
BNA\_N  
ClientSampleId :  
PB144940BSD



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 14811 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.9  | 19.5  | 29.3  |
| 138      | 28.1  | 22.6  | 34.0  |

