

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032522\  
 Data File : BN019166.D  
 Acq On : 25 Mar 2022 21:09  
 Operator : CG/JU  
 Sample : N2090-12  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-56

Quant Time: Mar 26 04:22:43 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN032522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 25 19:03:12 2022  
 Response via : Initial Calibration

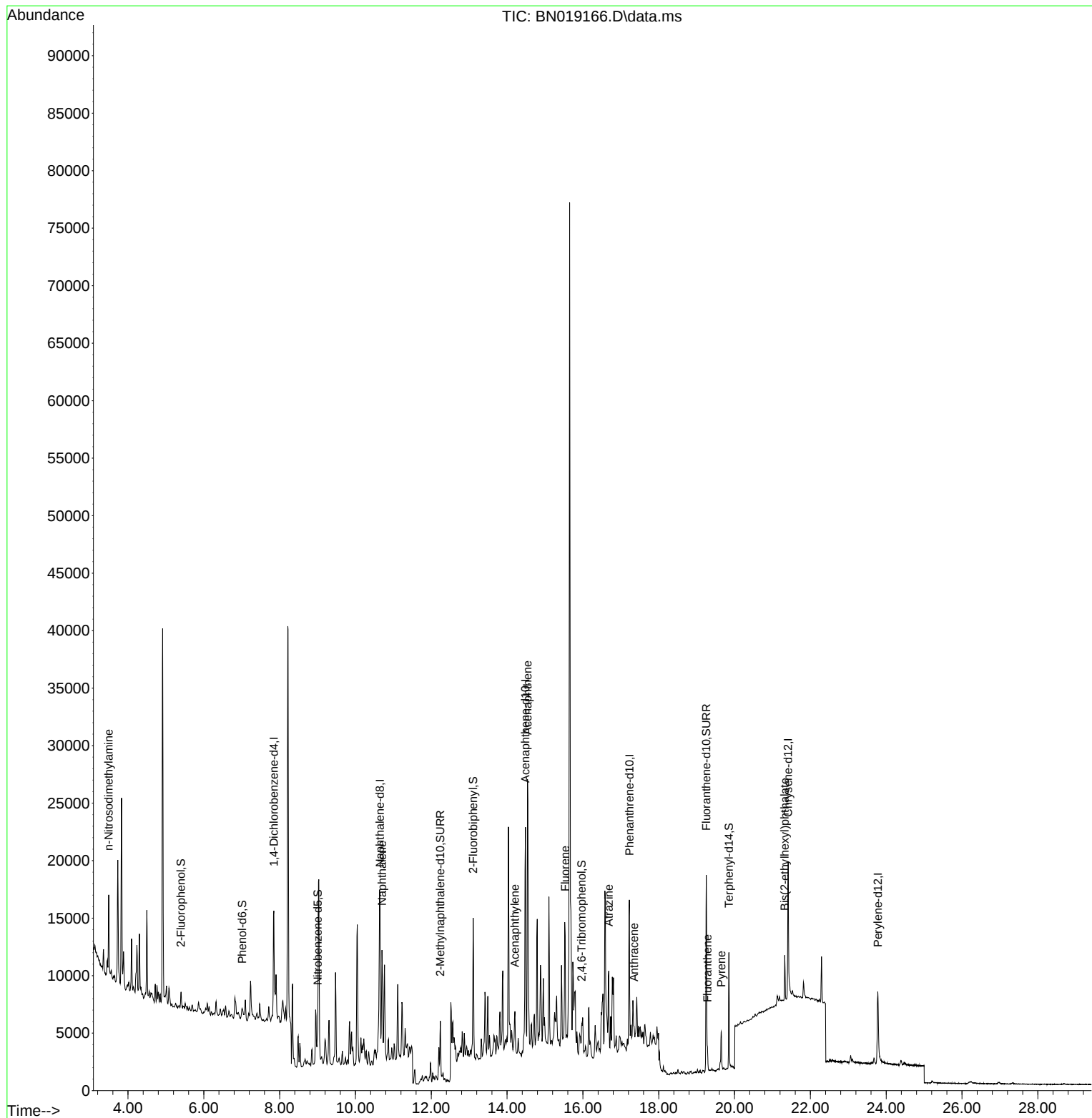
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.847  | 152  | 4687     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.648 | 136  | 13868    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.484 | 164  | 9674     | 0.400 | ng    | # 0.00   |
| 19) Phenanthrene-d10          | 17.225 | 188  | 16893    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.413 | 240  | 12977    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.779 | 264  | 11009    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.399  | 112  | 1300     | 0.117 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.009  | 99   | 796      | 0.063 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.003  | 82   | 2532     | 0.236 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.238 | 152  | 7501     | 0.338 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.964 | 330  | 1378     | 0.293 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 11039    | 0.272 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.253 | 212  | 18863    | 0.382 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.851 | 244  | 10909    | 0.377 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 3) n-Nitrosodimethylamine     | 3.492  | 42   | 766      | 0.110 | ng    | # 1      |
| 9) Naphthalene                | 10.701 | 128  | 3045     | 0.078 | ng    | # 1      |
| 16) Acenaphthylene            | 14.206 | 152  | 1209     | 0.027 | ng    | # 49     |
| 17) Acenaphthene              | 14.538 | 154  | 12625    | 0.404 | ng    | 96       |
| 18) Fluorene                  | 15.532 | 166  | 6361     | 0.160 | ng    | # 93     |
| 23) Atrazine                  | 16.682 | 200  | 174      | 0.023 | ng    | # 1      |
| 26) Anthracene                | 17.349 | 178  | 2327     | 0.052 | ng    | # 83     |
| 28) Fluoranthene              | 19.286 | 202  | 1511     | 0.025 | ng    | 97       |
| 30) Pyrene                    | 19.649 | 202  | 3298     | 0.054 | ng    | # 94     |
| 34) Bis(2-ethylhexyl)phtha... | 21.324 | 149  | 3453     | 0.136 | ng    | # 95     |
| -----                         |        |      |          |       |       |          |

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

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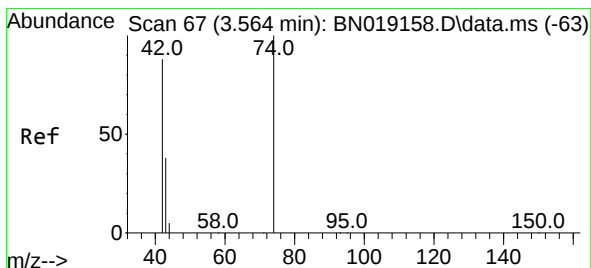
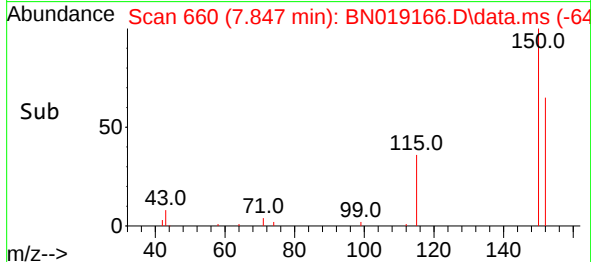
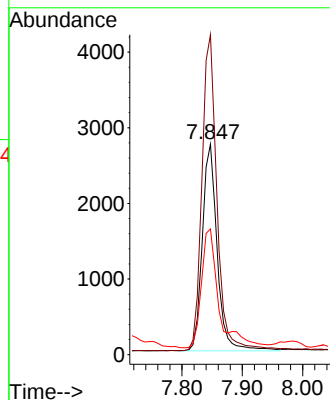
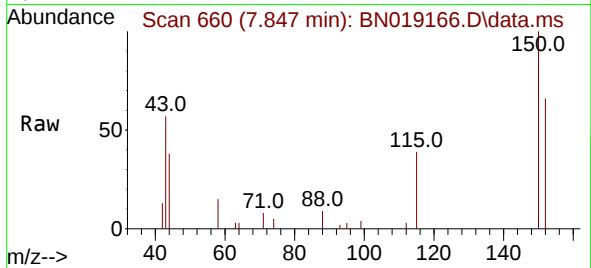




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.847 min Scan# 60  
 Delta R.T. 0.000 min  
 Lab File: BN019166.D  
 Acq: 25 Mar 2022 21:09

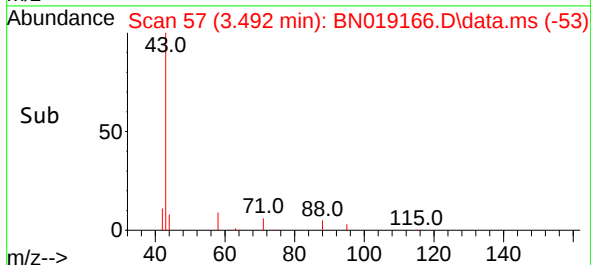
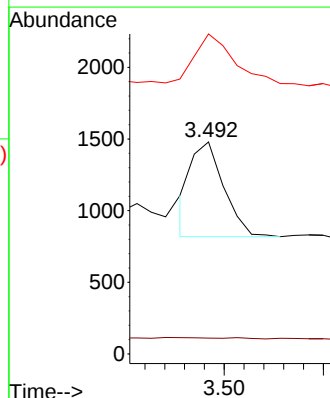
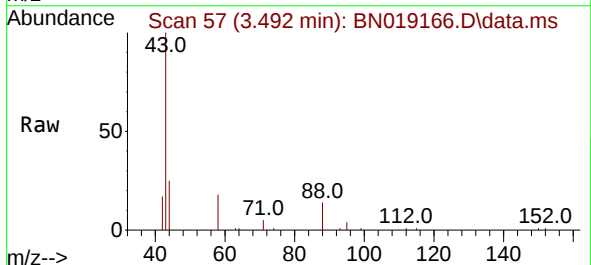
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-56

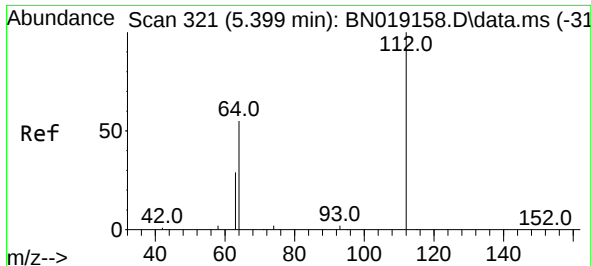
Tgt Ion:152 Resp: 4687  
 Ion Ratio Lower Upper  
 152 100  
 150 152.0 123.9 185.9  
 115 59.7 48.2 72.4



#3  
 n-Nitrosodimethylamine  
 Concen: 0.110 ng  
 RT: 3.492 min Scan# 57  
 Delta R.T. -0.072 min  
 Lab File: BN019166.D  
 Acq: 25 Mar 2022 21:09

Tgt Ion: 42 Resp: 766  
 Ion Ratio Lower Upper  
 42 100  
 74 0.0 96.9 145.3#  
 44 76.1 7.3 10.9#





#4

2-Fluorophenol

Concen: 0.117 ng

RT: 5.399 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN019166.D

Acq: 25 Mar 2022 21:09

Instrument :

BNA\_N

ClientSampleId :

MW-56

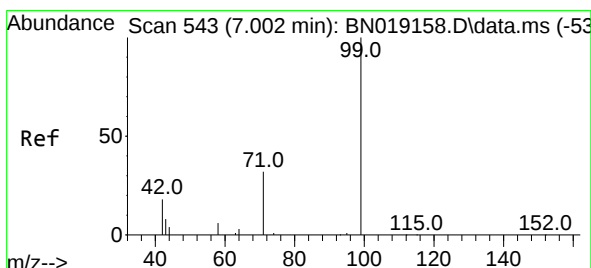
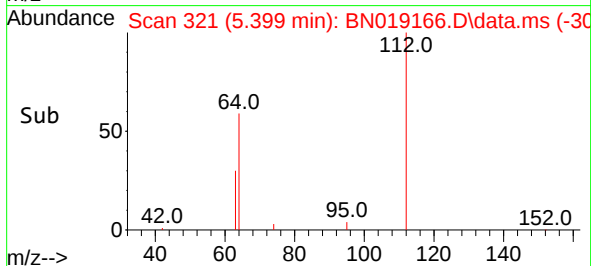
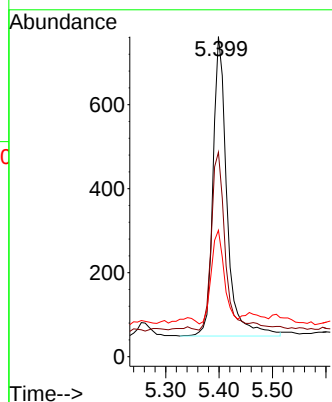
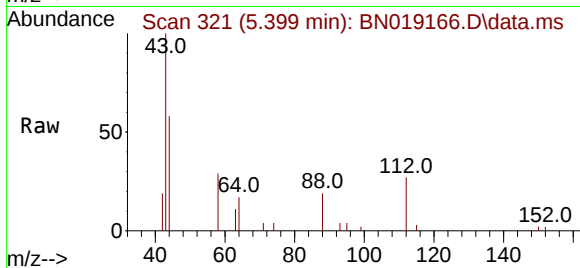
Tgt Ion:112 Resp: 1300

Ion Ratio Lower Upper

112 100

64 60.8 47.8 71.8

63 29.2 25.7 38.5



#5

Phenol-d6

Concen: 0.063 ng

RT: 7.009 min Scan# 544

Delta R.T. 0.007 min

Lab File: BN019166.D

Acq: 25 Mar 2022 21:09

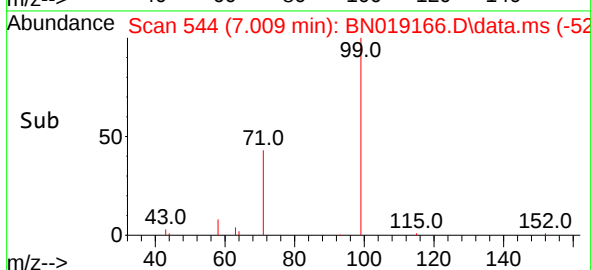
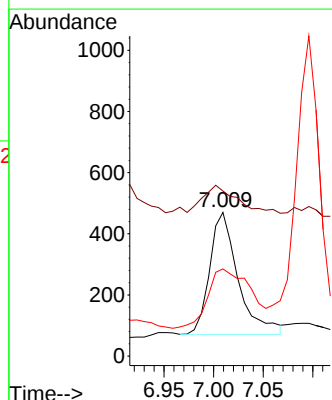
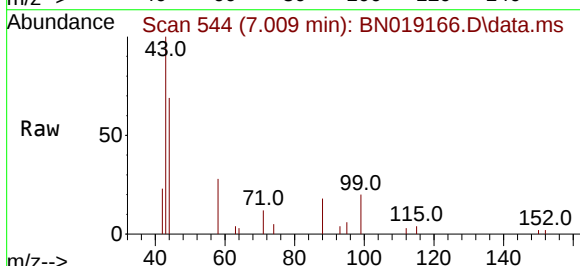
Tgt Ion: 99 Resp: 796

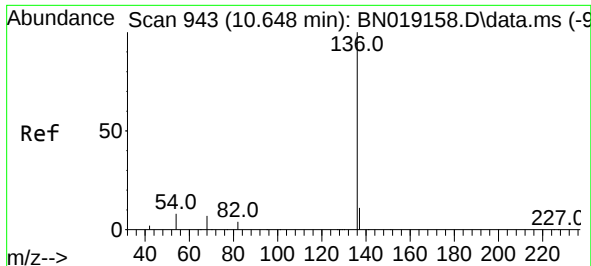
Ion Ratio Lower Upper

99 100

42 28.6 16.2 24.4#

71 73.4 27.7 41.5#

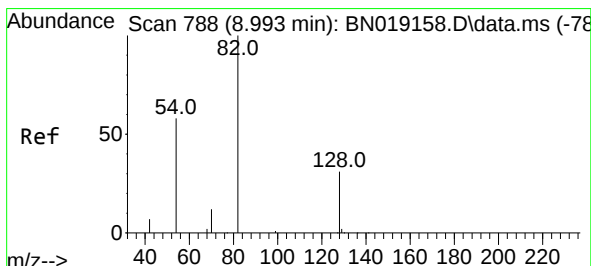
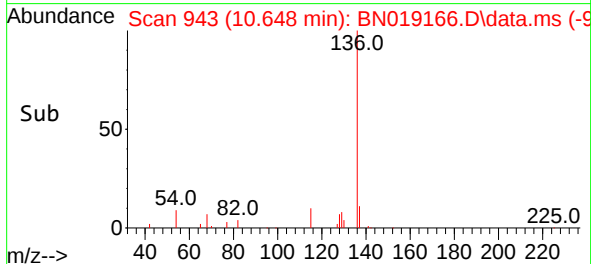
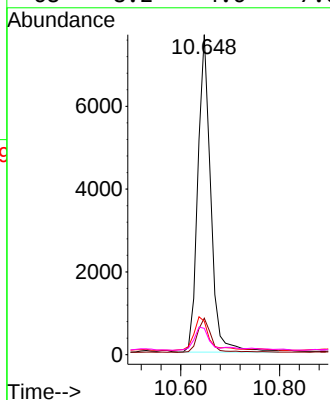
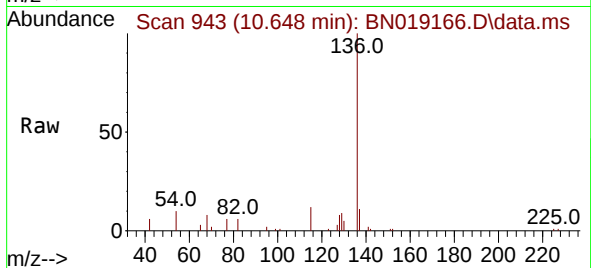




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.648 min Scan# 943  
Delta R.T. -0.000 min  
Lab File: BN019166.D  
Acq: 25 Mar 2022 21:09

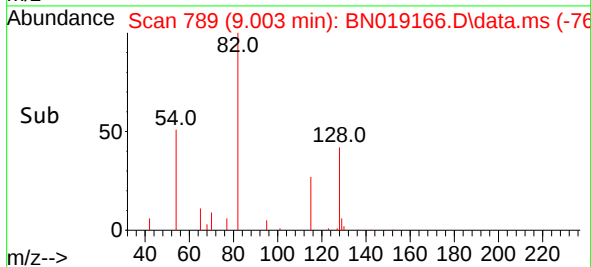
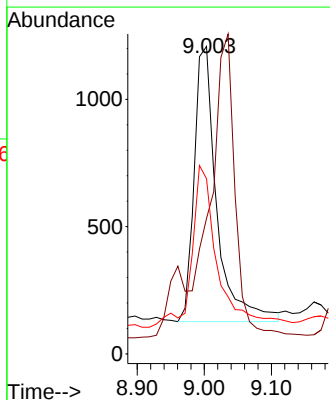
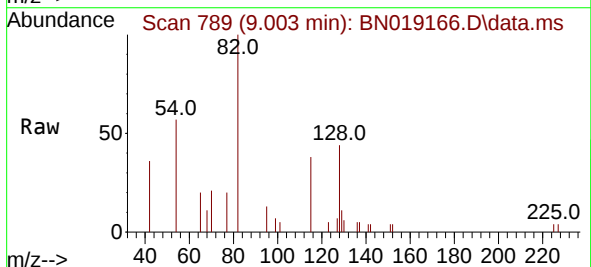
Instrument :  
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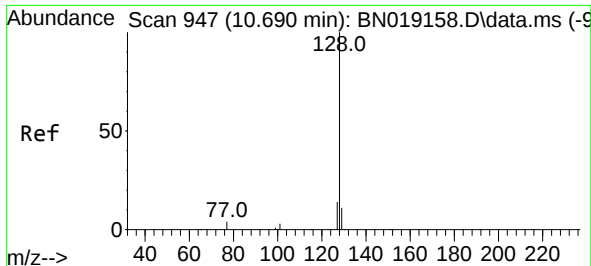
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 13868 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.4  | 9.0   | 13.4  |
| 54        | 10.5  | 5.8   | 8.6#  |
| 68        | 8.2   | 4.6   | 7.0#  |



#8  
Nitrobenzene-d5  
Concen: 0.236 ng  
RT: 9.003 min Scan# 789  
Delta R.T. 0.011 min  
Lab File: BN019166.D  
Acq: 25 Mar 2022 21:09

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 2532 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 44.0  | 33.0  | 49.6 |
| 54        | 57.0  | 42.5  | 63.7 |

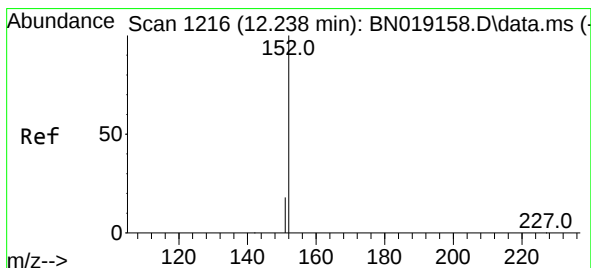
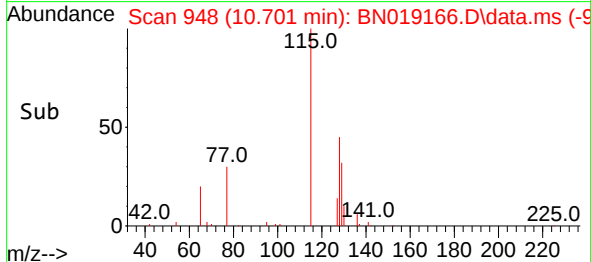
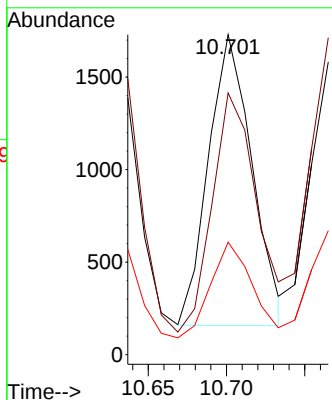
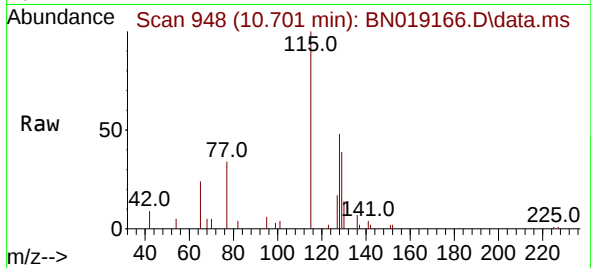




#9  
Naphthalene  
Concen: 0.078 ng  
RT: 10.701 min Scan# 947  
Delta R.T. 0.011 min  
Lab File: BN019166.D  
Acq: 25 Mar 2022 21:09

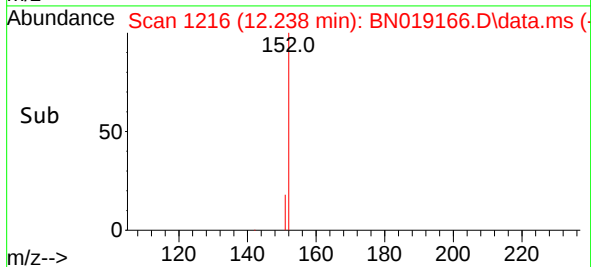
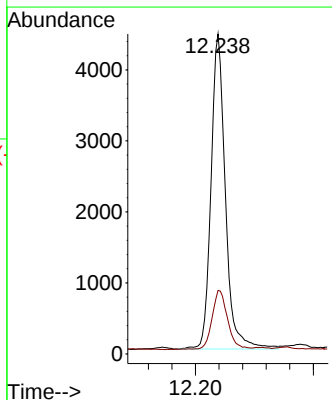
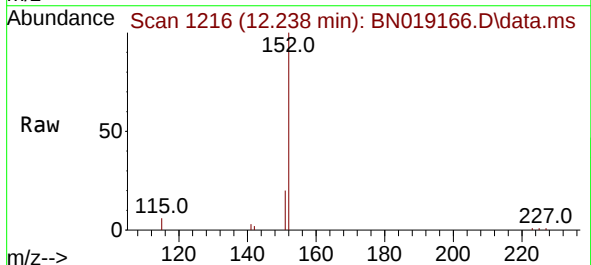
Instrument :  
BNA\_N  
ClientSampleId :  
MW-56

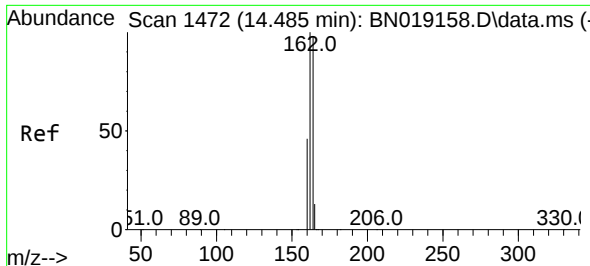
Tgt Ion:128 Resp: 3045  
Ion Ratio Lower Upper  
128 100  
129 81.8 9.0 13.4#  
127 35.2 10.7 16.1#



#11  
2-Methylnaphthalene-d10  
Concen: 0.338 ng  
RT: 12.238 min Scan# 1216  
Delta R.T. -0.000 min  
Lab File: BN019166.D  
Acq: 25 Mar 2022 21:09

Tgt Ion:152 Resp: 7501  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.5 24.7

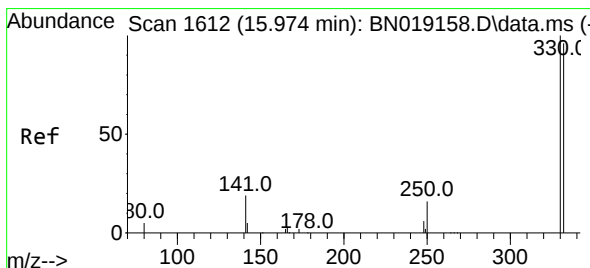
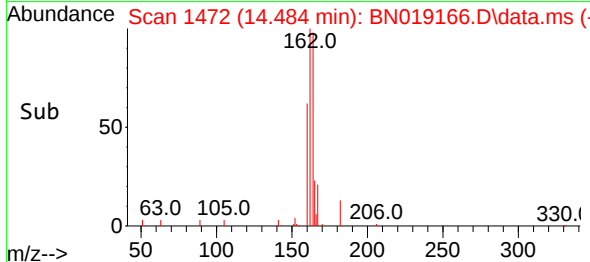
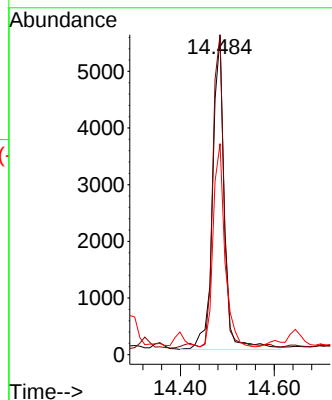
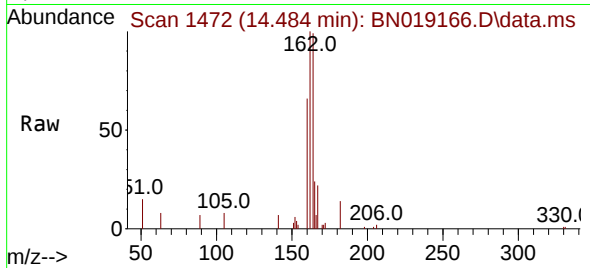




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.484 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: BN019166.D  
Acq: 25 Mar 2022 21:09

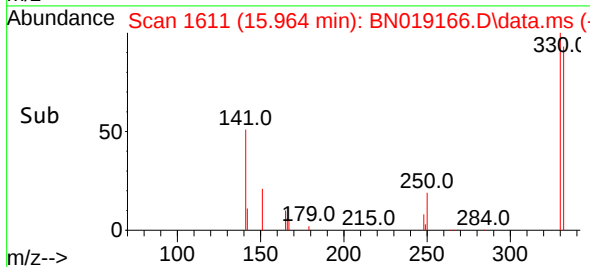
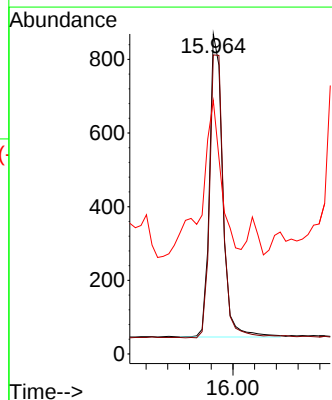
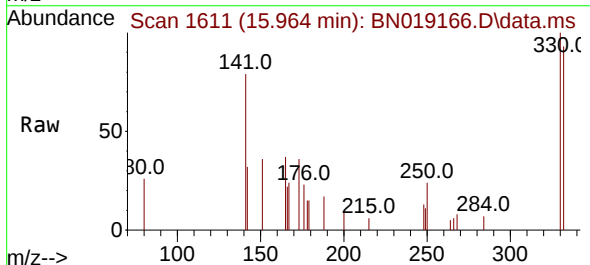
Instrument :  
BNA\_N  
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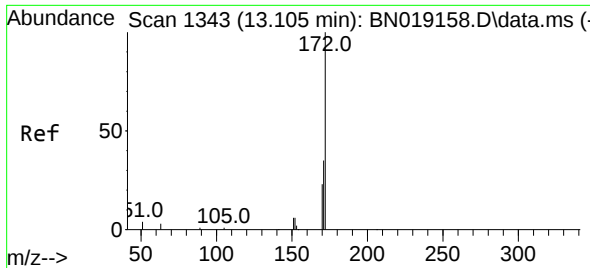
Tgt Ion:164 Resp: 9674  
Ion Ratio Lower Upper  
164 100  
162 100.7 85.2 127.8  
160 66.4 41.5 62.3#



#14  
2,4,6-Tribromophenol  
Concen: 0.293 ng  
RT: 15.964 min Scan# 1611  
Delta R.T. -0.010 min  
Lab File: BN019166.D  
Acq: 25 Mar 2022 21:09

Tgt Ion:330 Resp: 1378  
Ion Ratio Lower Upper  
330 100  
332 97.2 76.8 115.2  
141 68.3 32.2 48.2#

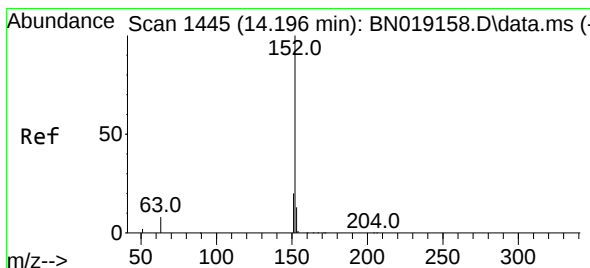
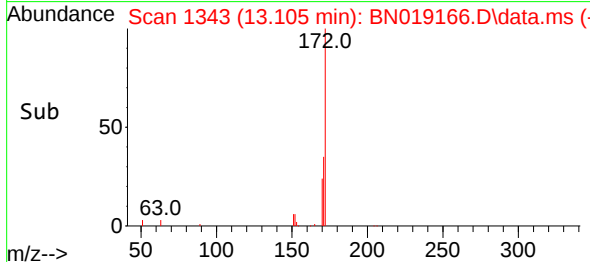
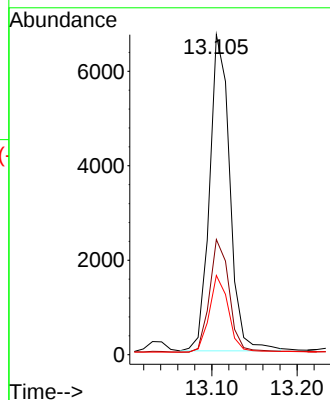
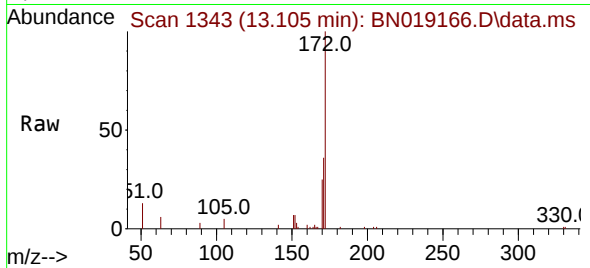




#15  
2-Fluorobiphenyl  
Concen: 0.272 ng  
RT: 13.105 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN019166.D  
Acq: 25 Mar 2022 21:09

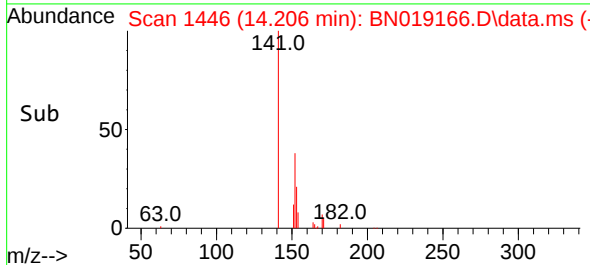
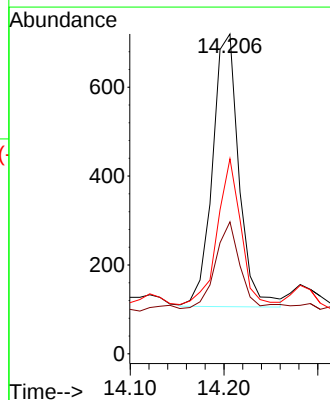
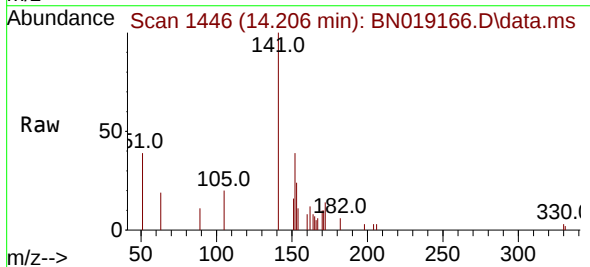
Instrument :  
BNA\_N  
ClientSampleId :  
MW-56

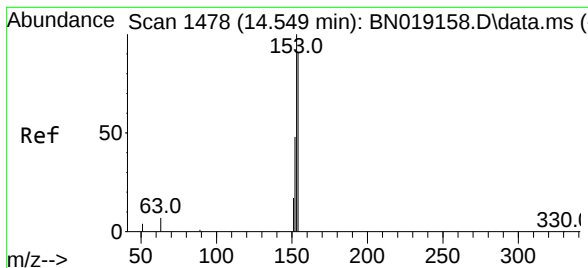
Tgt Ion:172 Resp: 11039  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.2 42.2  
170 24.7 18.7 28.1



#16  
Acenaphthylene  
Concen: 0.027 ng  
RT: 14.206 min Scan# 1446  
Delta R.T. 0.011 min  
Lab File: BN019166.D  
Acq: 25 Mar 2022 21:09

Tgt Ion:152 Resp: 1209  
Ion Ratio Lower Upper  
152 100  
151 32.3 15.9 23.9#  
153 48.1 10.6 15.8#





#17

Acenaphthene

Concen: 0.404 ng

RT: 14.538 min Scan# 1477

Delta R.T. -0.011 min

Lab File: BN019166.D

Acq: 25 Mar 2022 21:09

Instrument :

BNA\_N

ClientSampleId :

MW-56

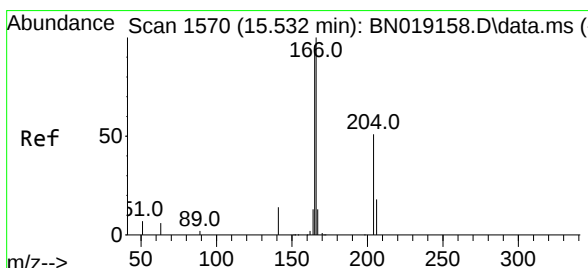
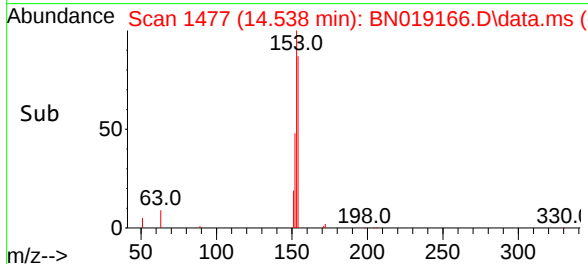
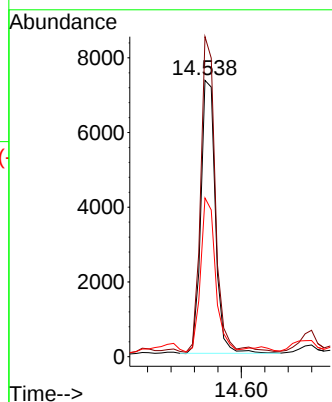
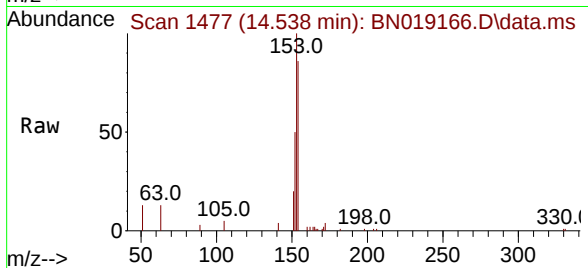
Tgt Ion:154 Resp: 12625

Ion Ratio Lower Upper

154 100

153 117.0 89.7 134.5

152 58.3 44.7 67.1



#18

Fluorene

Concen: 0.160 ng

RT: 15.532 min Scan# 1570

Delta R.T. -0.000 min

Lab File: BN019166.D

Acq: 25 Mar 2022 21:09

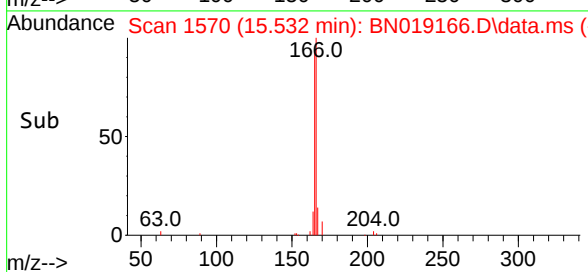
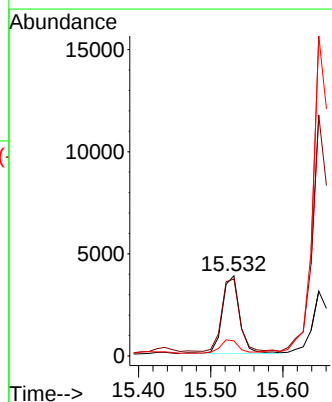
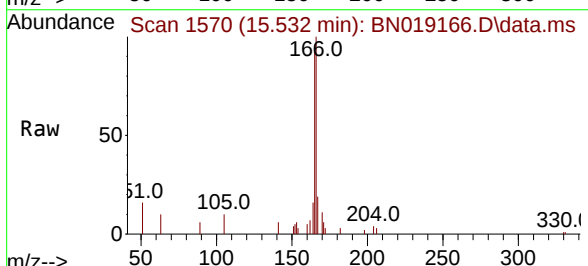
Tgt Ion:166 Resp: 6361

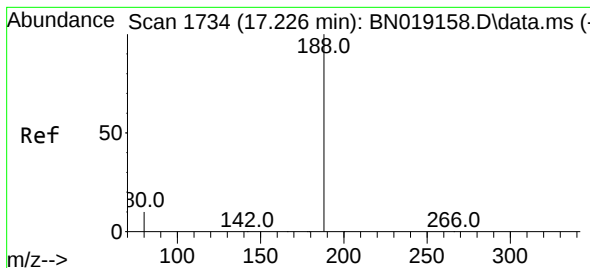
Ion Ratio Lower Upper

166 100

165 93.1 79.2 118.8

167 18.7 10.7 16.1#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.225 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN019166.D

Acq: 25 Mar 2022 21:09

Instrument :

BNA\_N

ClientSampleId :

MW-56

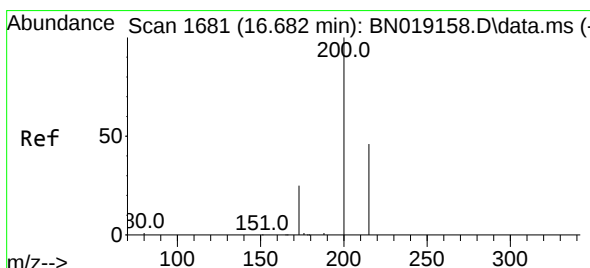
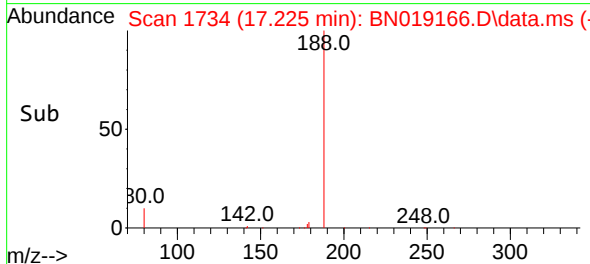
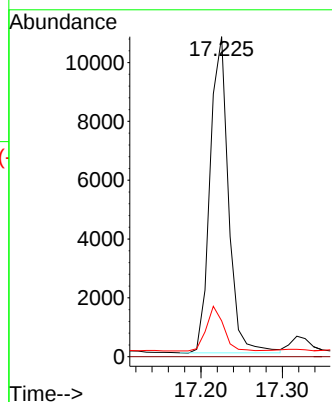
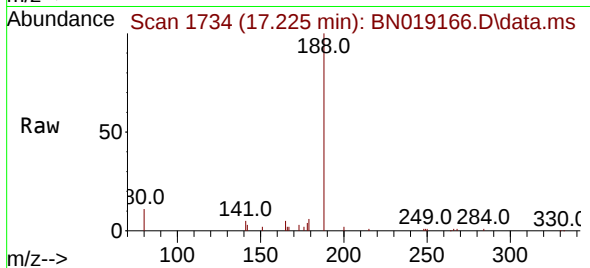
Tgt Ion:188 Resp: 16893

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.2 11.8 17.8#



#23

Atrazine

Concen: 0.023 ng

RT: 16.682 min Scan# 1681

Delta R.T. -0.000 min

Lab File: BN019166.D

Acq: 25 Mar 2022 21:09

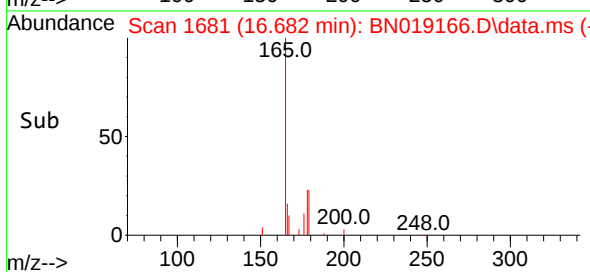
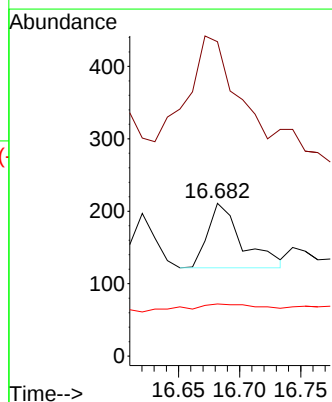
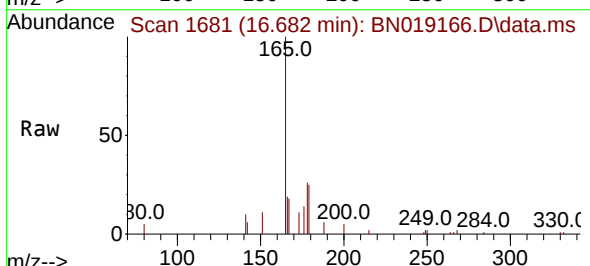
Tgt Ion:200 Resp: 174

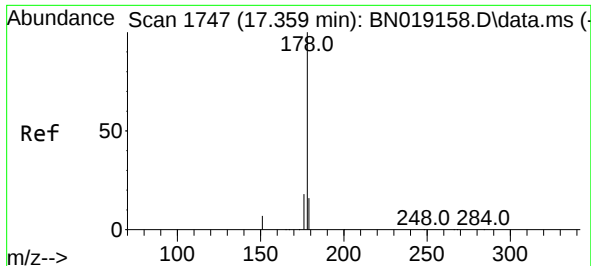
Ion Ratio Lower Upper

200 100

173 205.7 23.9 35.9#

215 34.1 36.6 54.8#

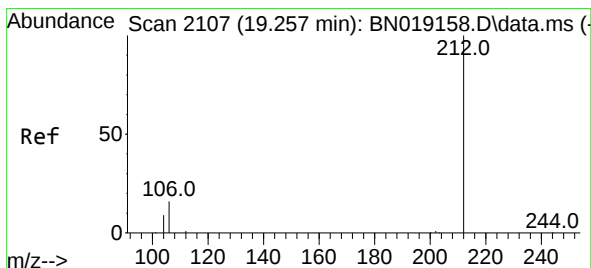
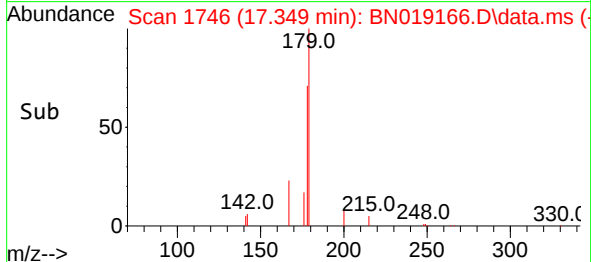
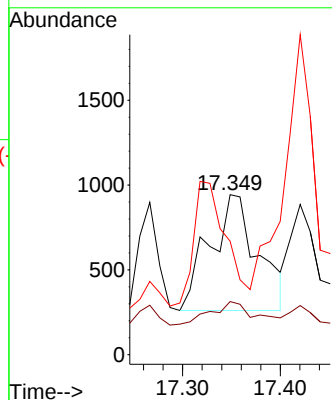
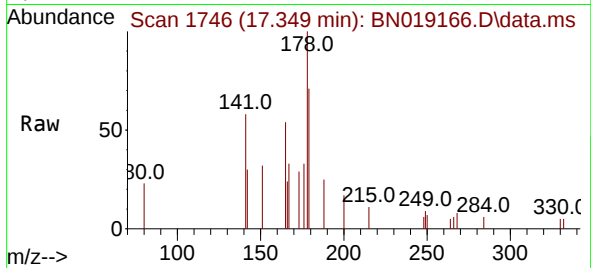




#26  
 Anthracene  
 Concen: 0.052 ng  
 RT: 17.349 min Scan# 1746  
 Delta R.T. -0.010 min  
 Lab File: BN019166.D  
 Acq: 25 Mar 2022 21:09

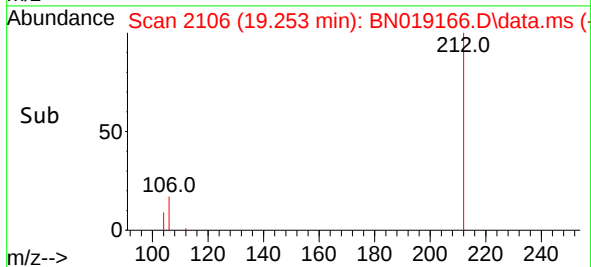
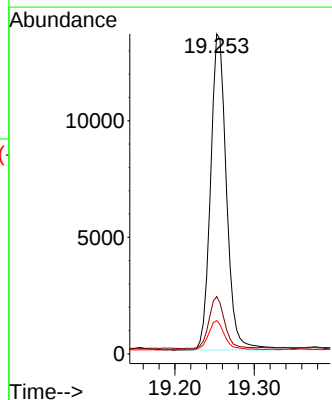
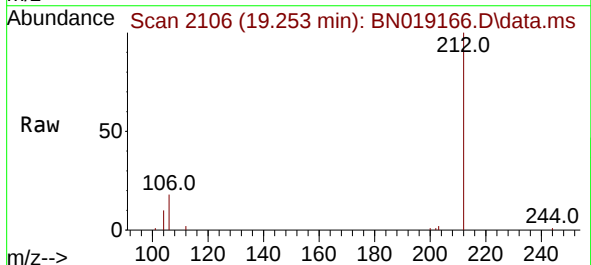
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-56

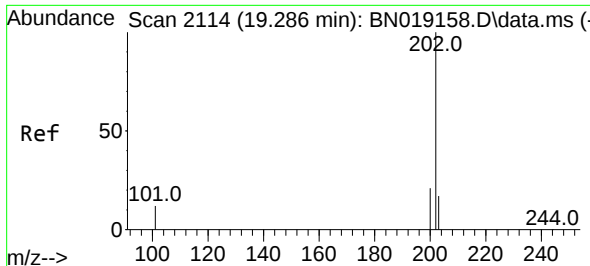
Tgt Ion:178 Resp: 2327  
 Ion Ratio Lower Upper  
 178 100  
 176 18.7 14.8 22.2  
 179 0.0 12.2 18.4#



#27  
 Fluoranthene-d10  
 Concen: 0.382 ng  
 RT: 19.253 min Scan# 2106  
 Delta R.T. -0.004 min  
 Lab File: BN019166.D  
 Acq: 25 Mar 2022 21:09

Tgt Ion:212 Resp: 18863  
 Ion Ratio Lower Upper  
 212 100  
 106 16.4 12.7 19.1  
 104 9.4 7.1 10.7

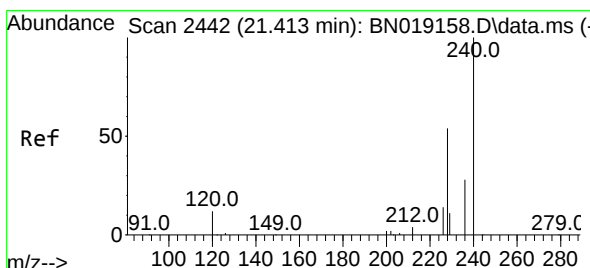
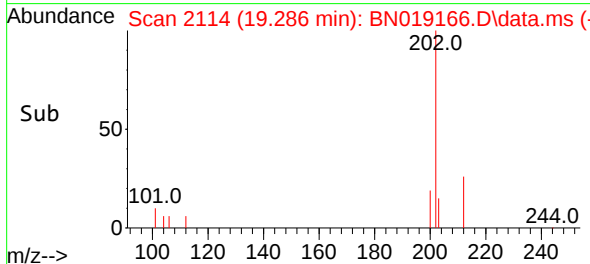
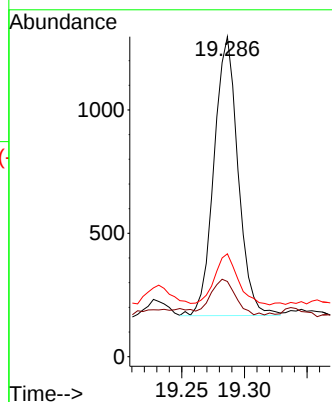
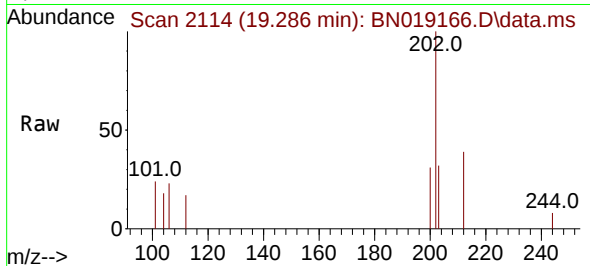




#28  
Fluoranthene  
Concen: 0.025 ng  
RT: 19.286 min Scan# 2114  
Delta R.T. -0.000 min  
Lab File: BN019166.D  
Acq: 25 Mar 2022 21:09

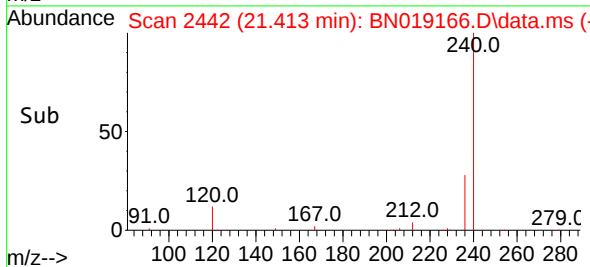
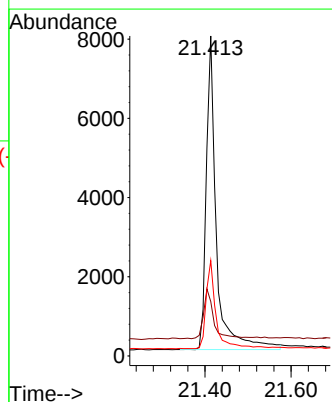
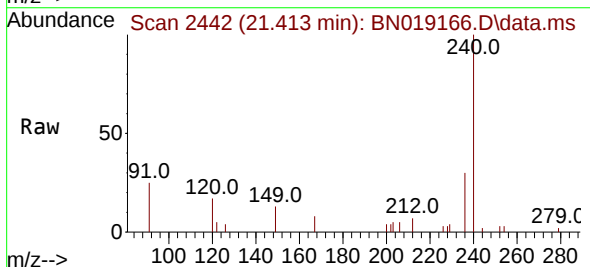
Instrument :  
BNA\_N  
ClientSampleId :  
MW-56

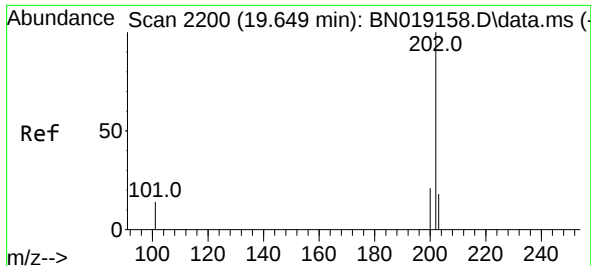
Tgt Ion:202 Resp: 1511  
Ion Ratio Lower Upper  
202 100  
101 13.0 9.8 14.6  
203 18.7 13.7 20.5



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.413 min Scan# 2442  
Delta R.T. -0.000 min  
Lab File: BN019166.D  
Acq: 25 Mar 2022 21:09

Tgt Ion:240 Resp: 12977  
Ion Ratio Lower Upper  
240 100  
120 17.0 8.5 12.7#  
236 29.8 22.4 33.6

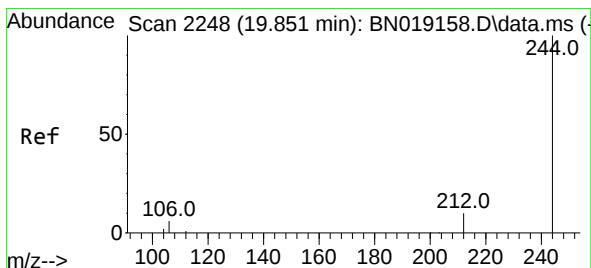
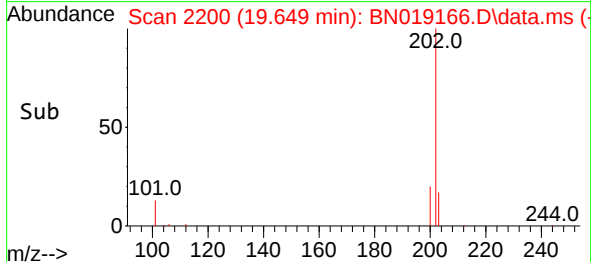
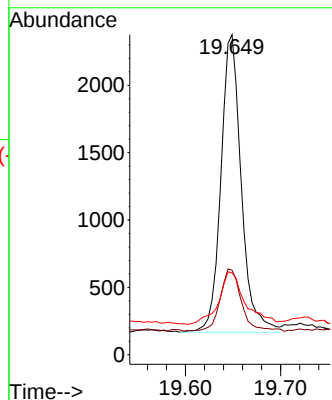
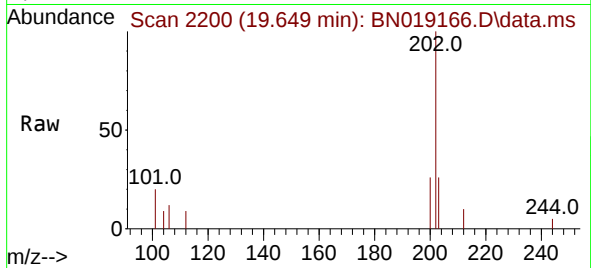




#30  
 Pyrene  
 Concen: 0.054 ng  
 RT: 19.649 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN019166.D  
 Acq: 25 Mar 2022 21:09

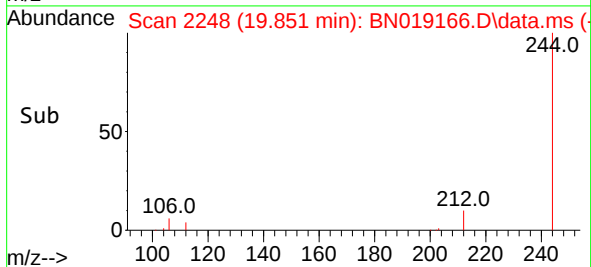
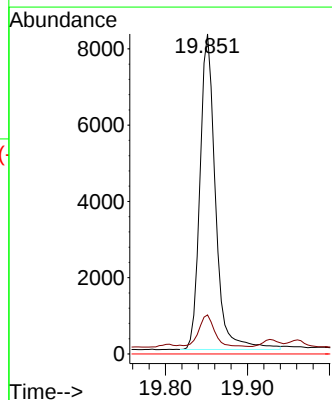
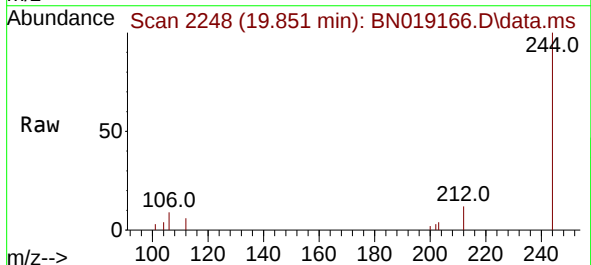
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-56

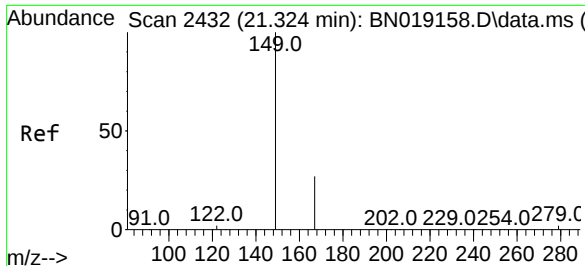
Tgt Ion:202 Resp: 3298  
 Ion Ratio Lower Upper  
 202 100  
 200 21.6 16.9 25.3  
 203 22.7 14.2 21.2#



#31  
 Terphenyl-d14  
 Concen: 0.377 ng  
 RT: 19.851 min Scan# 2248  
 Delta R.T. -0.000 min  
 Lab File: BN019166.D  
 Acq: 25 Mar 2022 21:09

Tgt Ion:244 Resp: 10909  
 Ion Ratio Lower Upper  
 244 100  
 212 12.2 8.2 12.4  
 122 0.0 0.0 0.0

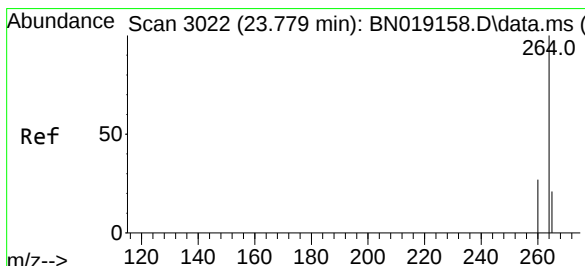
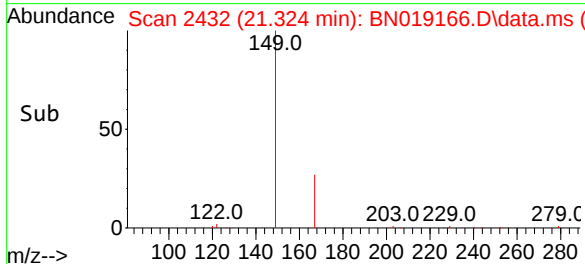
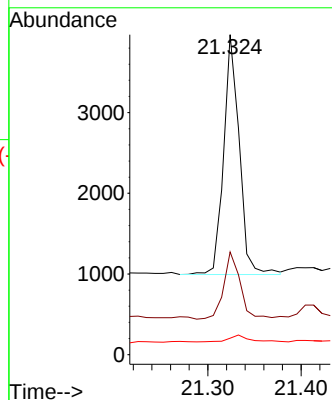
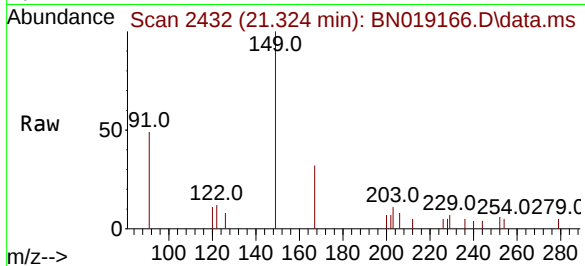




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.136 ng  
 RT: 21.324 min Scan# 2432  
 Delta R.T. -0.000 min  
 Lab File: BN019166.D  
 Acq: 25 Mar 2022 21:09

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-56

Tgt Ion:149 Resp: 3453  
 Ion Ratio Lower Upper  
 149 100  
 167 29.7 21.8 32.8  
 279 3.9 2.0 3.0#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.779 min Scan# 3022  
 Delta R.T. -0.000 min  
 Lab File: BN019166.D  
 Acq: 25 Mar 2022 21:09

Tgt Ion:264 Resp: 11009  
 Ion Ratio Lower Upper  
 264 100  
 260 28.3 22.4 33.6  
 265 41.9 25.3 37.9#

