

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082523\  
 Data File : BN027183.D  
 Acq On : 27 Aug 2023 10:21  
 Operator : MA/JU  
 Sample : 04051-17  
 Misc :  
 ALS Vial : 73 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW181S-20230816

Quant Time: Aug 28 00:43:02 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 26 02:13:59 2023  
 Response via : Initial Calibration

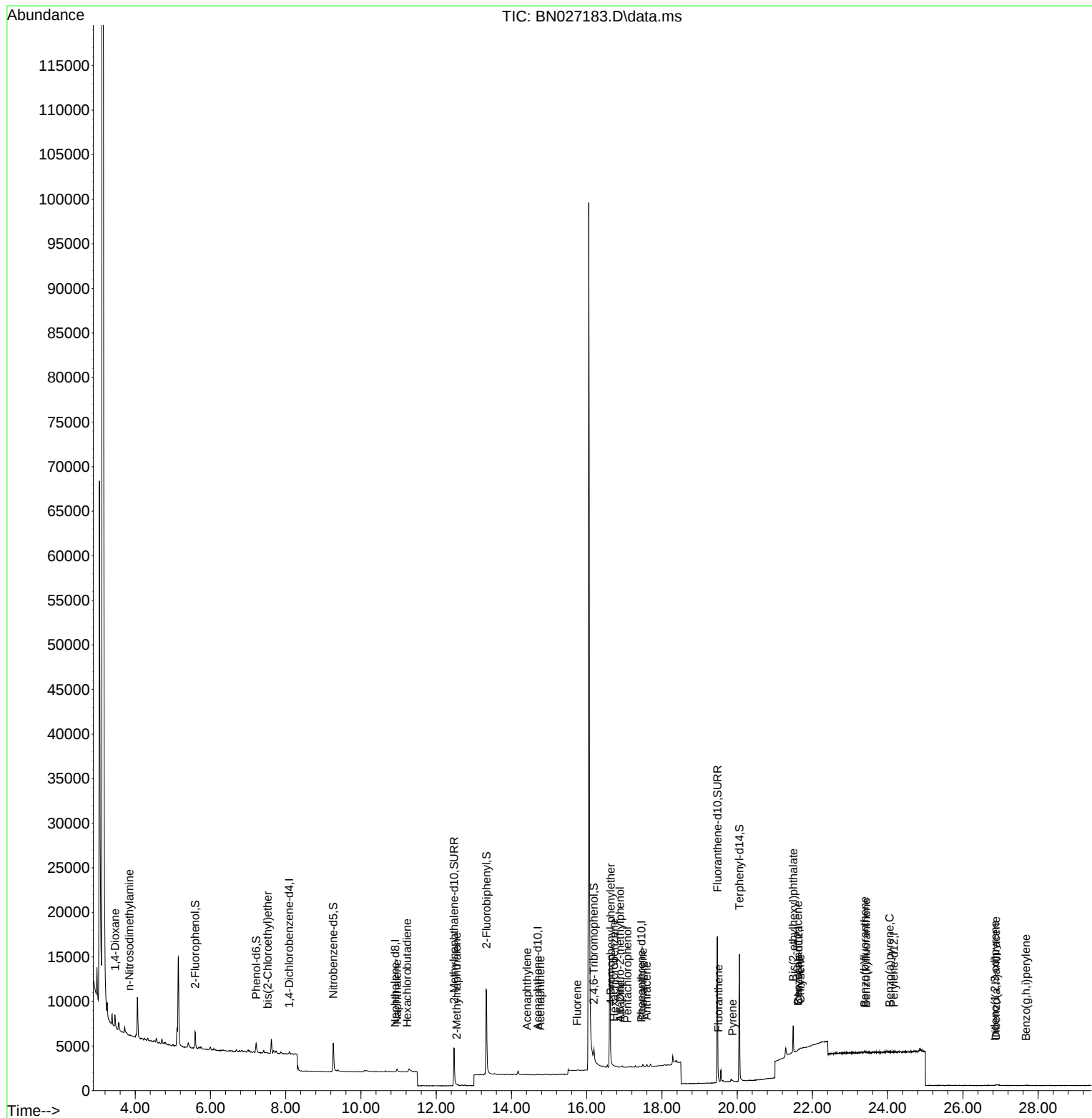
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.088  | 152  | 7        | 0.400   | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.906 | 136  | 10       | 0.400   | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.694 | 164  | 11       | 0.400   | ng    | #-0.01   |
| 19) Phenanthrene-d10          | 17.455 | 188  | 41       | 0.400   | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.632 | 240  | 73       | 0.400   | ng    | # 0.00   |
| 35) Perylene-d12              | 24.165 | 264  | 7        | 0.400   | ng    | # 0.00   |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) 2-Fluorophenol             | 5.596  | 112  | 1640     | 83.117  | ng    | 0.00     |
| 5) Phenol-d6                  | 7.214  | 99   | 1116     | 45.806  | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.262  | 82   | 3056     | 361.704 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.472 | 152  | 6875     | 432.568 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 16.189 | 330  | 824      | 140.753 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.336 | 172  | 10581    | 259.136 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.472 | 212  | 19202    | 182.615 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.057 | 244  | 14654    | 96.062  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.465  | 88   | 1222     | 162.332 | ng    | # 76     |
| 3) n-Nitrosodimethylamine     | 3.848  | 42   | 19       | 2.266   | ng    | # 1      |
| 6) bis(2-Chloroethyl)ether    | 7.517  | 93   | 6        | 0.293   | ng    | # 1      |
| 9) Naphthalene                | 10.959 | 128  | 79       | 3.003   | ng    | # 1      |
| 10) Hexachlorobutadiene       | 11.226 | 225  | 1        | 0.186   | ng    | # 53     |
| 12) 2-Methylnaphthalene       | 12.547 | 142  | 51       | 2.480   | ng    | # 32     |
| 16) Acenaphthylene            | 14.416 | 152  | 20       | 0.381   | ng    | # 4      |
| 17) Acenaphthene              | 14.769 | 154  | 13       | 0.401   | ng    | # 22     |
| 18) Fluorene                  | 15.742 | 166  | 71       | 1.631   | ng    | # 93     |
| 20) 4,6-Dinitro-2-methylph... | 16.884 | 198  | 9        | 13.996  | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 16.636 | 248  | 1        | 0.043   | ng    | # 21     |
| 22) Hexachlorobenzene         | 16.723 | 284  | 17       | 0.680   | ng    | # 40     |
| 23) Atrazine                  | 16.897 | 200  | 6        | 0.288   | ng    | # 1      |
| 24) Pentachlorophenol         | 17.083 | 266  | 18       | 1.426   | ng    | # 85     |
| 25) Phenanthrene              | 17.492 | 178  | 347      | 2.944   | ng    | # 86     |
| 26) Anthracene                | 17.592 | 178  | 118      | 1.073   | ng    | # 1      |
| 28) Fluoranthene              | 19.500 | 202  | 182      | 1.304   | ng    | # 75     |
| 30) Pyrene                    | 19.871 | 202  | 162      | 0.577   | ng    | # 89     |
| 32) Benzo(a)anthracene        | 21.614 | 228  | 123      | 0.467   | ng    | # 9      |
| 33) Chrysene                  | 21.677 | 228  | 120      | 0.451   | ng    | # 21     |
| 34) Bis(2-ethylhexyl)phtha... | 21.488 | 149  | 3132     | 16.509  | ng    | # 95     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.852 | 276  | 3        | 0.105   | ng    | # 1      |
| 37) Benzo(b)fluoranthene      | 23.385 | 252  | 104      | 4.440   | ng    | # 1      |
| 38) Benzo(k)fluoranthene      | 23.431 | 252  | 5        | 0.208   | ng    | # 1      |
| 39) Benzo(a)pyrene            | 24.045 | 252  | 19       | 0.810   | ng    | # 1      |
| 40) Dibenzo(a,h)anthracene    | 26.878 | 278  | 4        | 0.175   | ng    | # 1      |
| 41) Benzo(g,h,i)perylene      | 27.671 | 276  | 10       | 0.407   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082523\  
Data File : BN027183.D  
Acq On : 27 Aug 2023 10:21  
Operator : MA/JU  
Sample : 04051-17  
Misc :  
ALS Vial : 73 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
MW181S-20230816

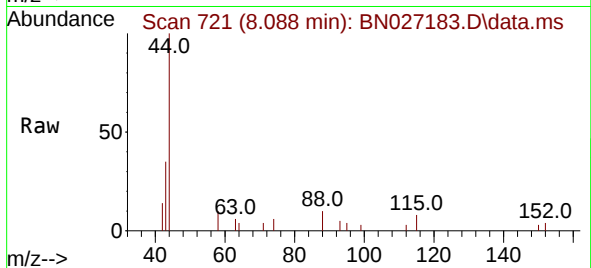
Quant Time: Aug 28 00:43:02 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Aug 26 02:13:59 2023  
Response via : Initial Calibration



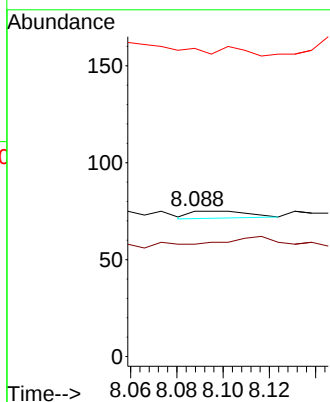
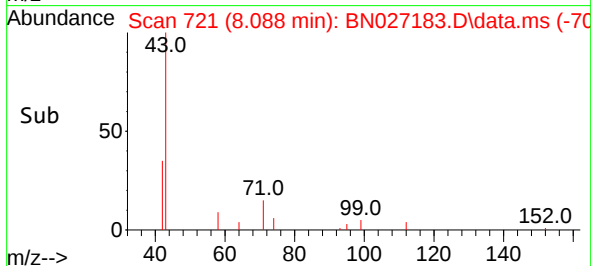


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.088 min Scan# 71  
 Delta R.T. -0.000 min  
 Lab File: BN027183.D  
 Acq: 27 Aug 2023 10:21

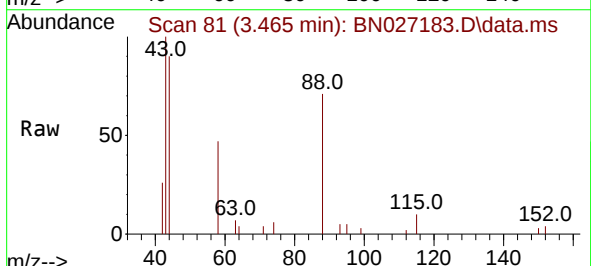
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW181S-20230816



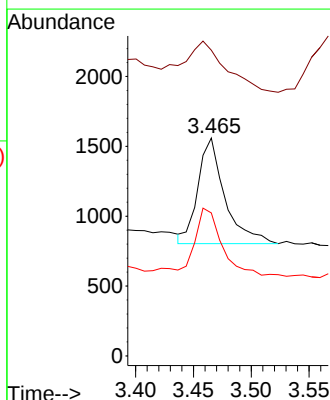
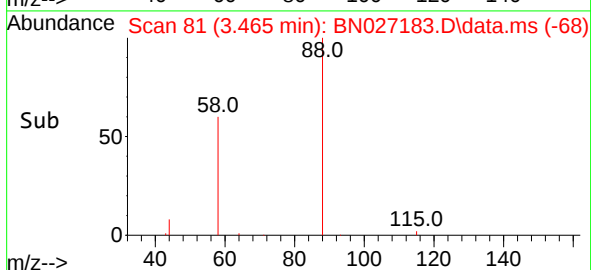
Tgt Ion:152 Resp: 7  
 Ion Ratio Lower Upper  
 152 100  
 150 77.3 123.8 185.6#  
 115 212.0 49.7 74.5#



#2  
 1,4-Dioxane  
 Concen: 162.332 ng  
 RT: 3.465 min Scan# 81  
 Delta R.T. -0.007 min  
 Lab File: BN027183.D  
 Acq: 27 Aug 2023 10:21



Tgt Ion: 88 Resp: 1222  
 Ion Ratio Lower Upper  
 88 100  
 43 65.9 19.2 28.8#  
 58 70.7 54.5 81.7

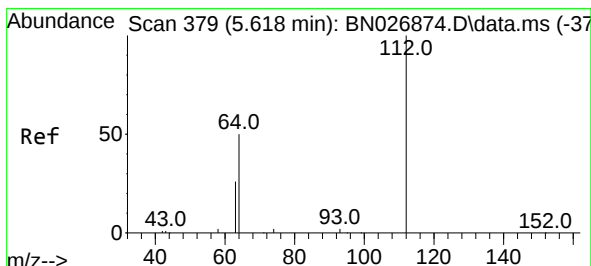
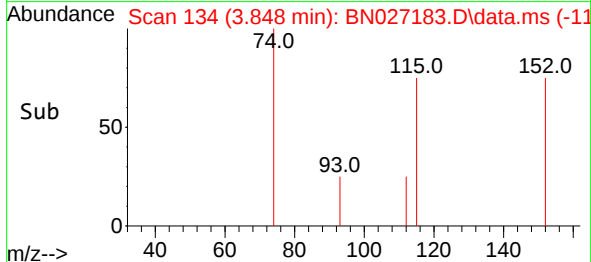
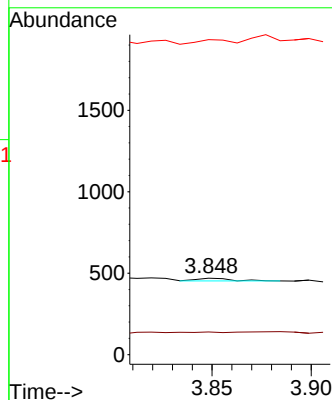
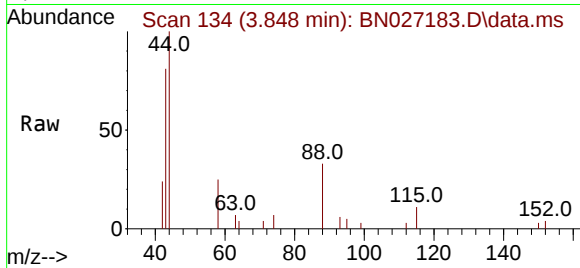




#3  
n-Nitrosodimethylamine  
Concen: 2.266 ng  
RT: 3.848 min Scan# 11  
Delta R.T. 0.036 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

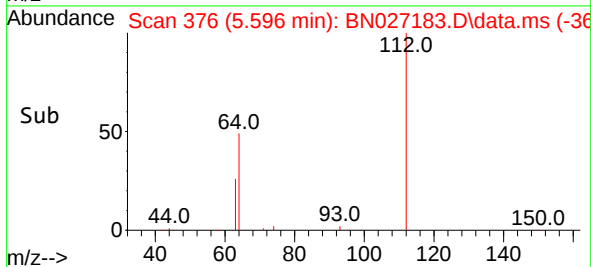
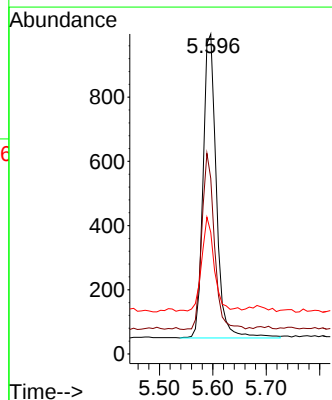
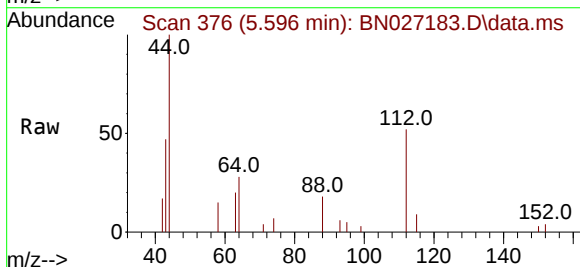
Instrument :  
BNA\_N  
ClientSampleId :  
MW181S-20230816

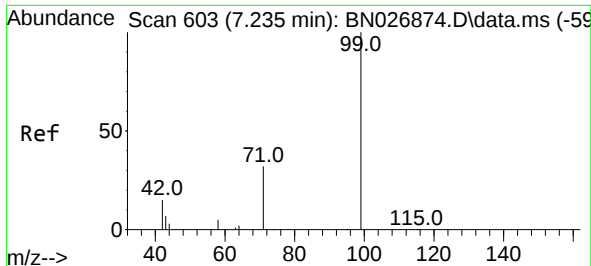
Tgt Ion: 42 Resp: 19  
Ion Ratio Lower Upper  
42 100  
74 10.5 119.4 179.2#  
44 0.0 8.7 13.1#



#4  
2-Fluorophenol  
Concen: 83.117 ng  
RT: 5.596 min Scan# 376  
Delta R.T. -0.007 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

Tgt Ion: 112 Resp: 1640  
Ion Ratio Lower Upper  
112 100  
64 54.6 41.5 62.3  
63 28.2 21.7 32.5

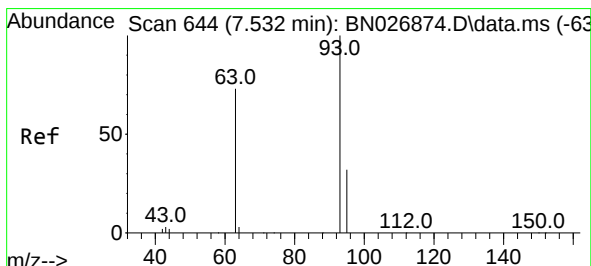
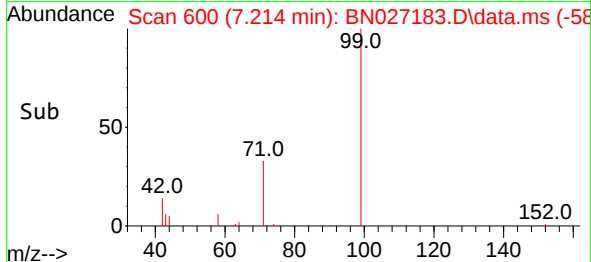
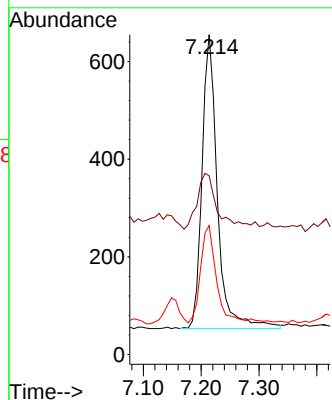
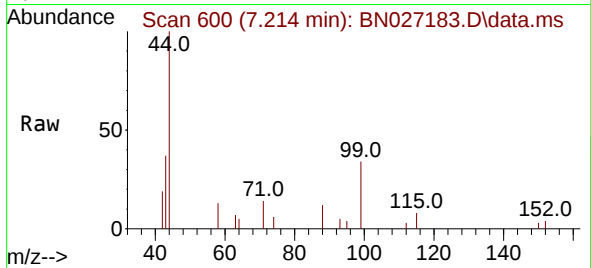




#5  
Phenol-d6  
Concen: 45.806 ng  
RT: 7.214 min Scan# 603  
Delta R.T. -0.007 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

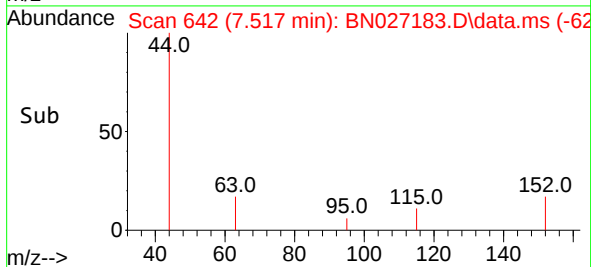
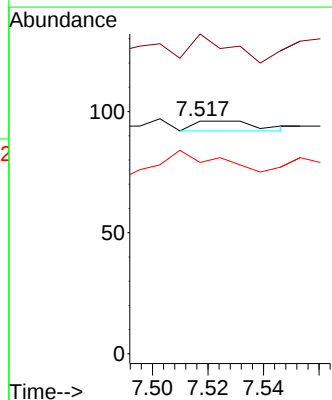
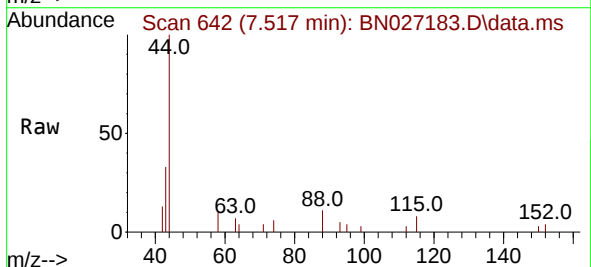
Instrument :  
BNA\_N  
ClientSampleId :  
MW181S-20230816

Tgt Ion: 99 Resp: 1116  
Ion Ratio Lower Upper  
99 100  
42 24.5 13.6 20.4#  
71 33.2 26.0 39.0



#6  
bis(2-Chloroethyl)ether  
Concen: 0.293 ng  
RT: 7.517 min Scan# 642  
Delta R.T. 0.007 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

Tgt Ion: 93 Resp: 6  
Ion Ratio Lower Upper  
93 100  
63 183.3 55.0 82.4#  
95 283.3 26.2 39.2#

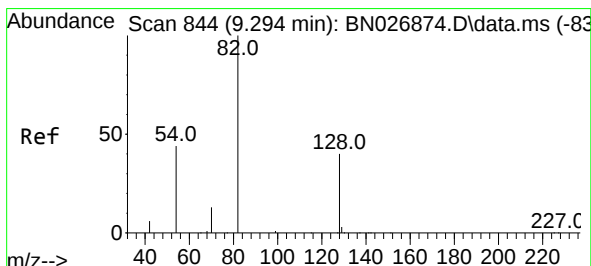
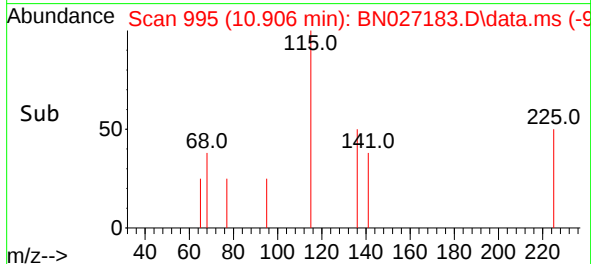
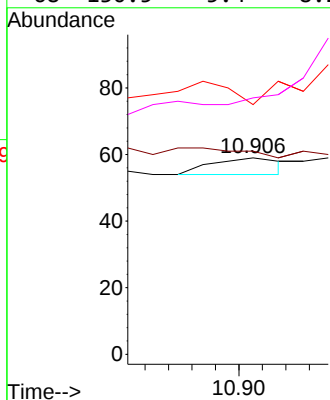
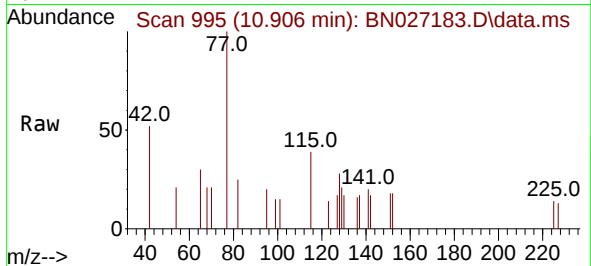




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.906 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

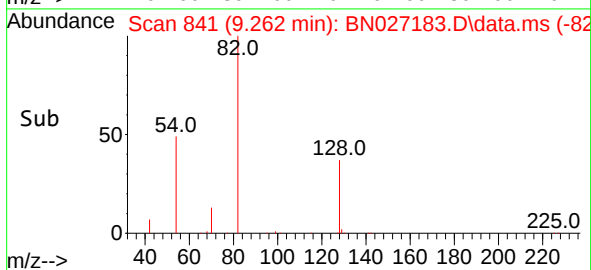
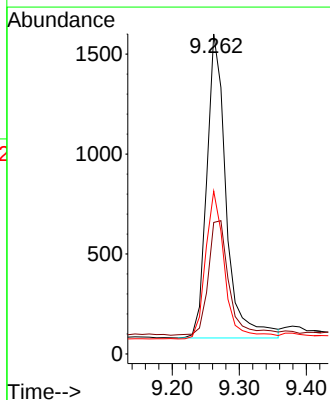
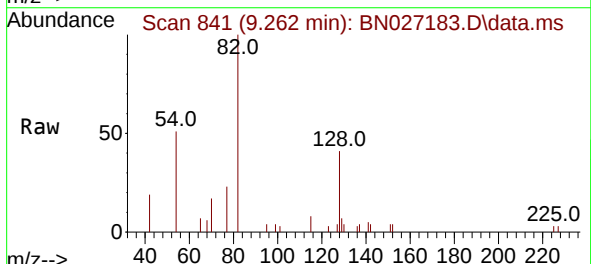
Instrument :  
BNA\_N  
ClientSampleId :  
MW181S-20230816

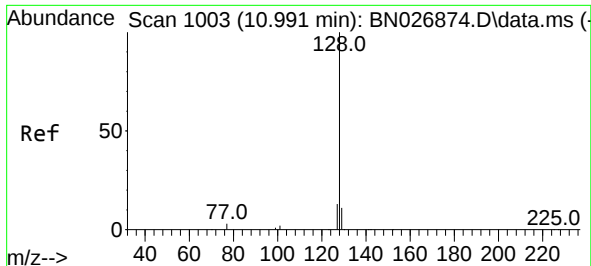
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 10    |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 103.4 | 9.0   | 13.6# |
| 54       | 127.1 | 5.5   | 8.3#  |
| 68       | 130.5 | 5.4   | 8.2#  |



#8  
Nitrobenzene-d5  
Concen: 361.704 ng  
RT: 9.262 min Scan# 841  
Delta R.T. -0.011 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 3056  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 41.1  | 34.1  | 51.1  |
| 54       | 50.9  | 37.0  | 55.4  |

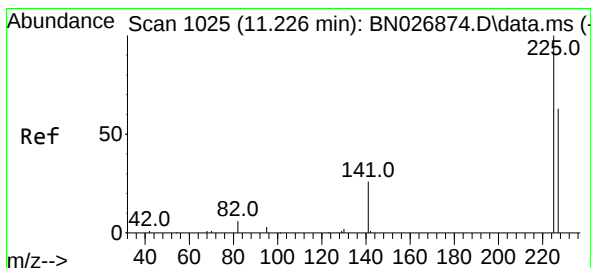
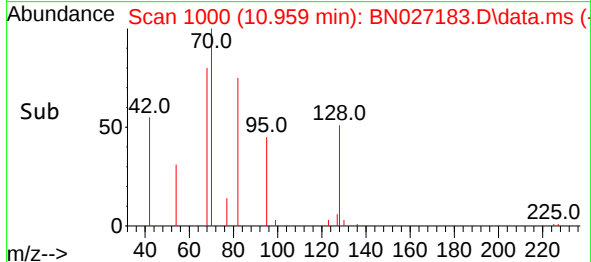
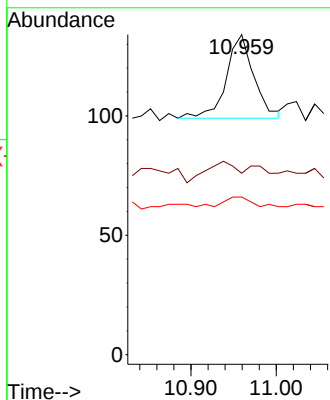
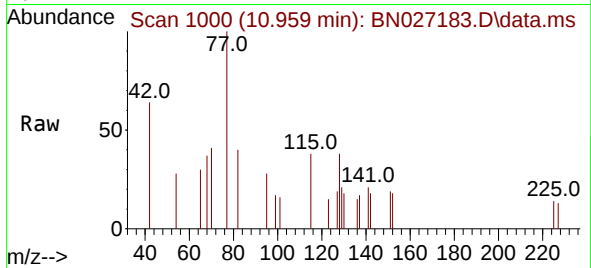




#9  
Naphthalene  
Concen: 3.003 ng  
RT: 10.959 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

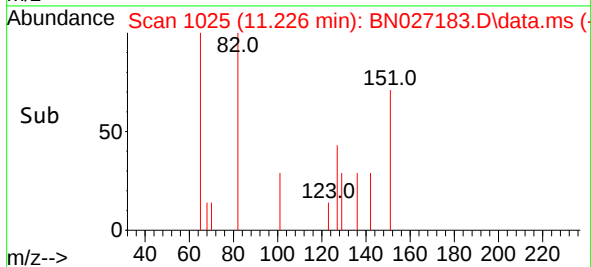
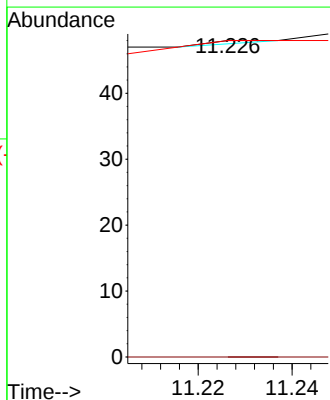
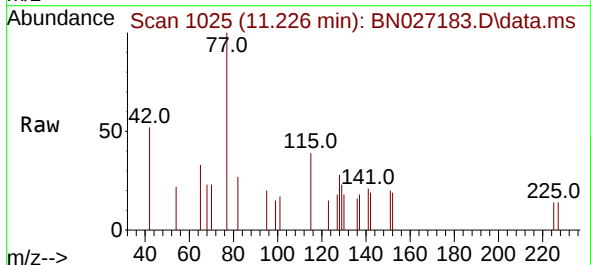
Instrument :  
BNA\_N  
ClientSampleId :  
MW181S-20230816

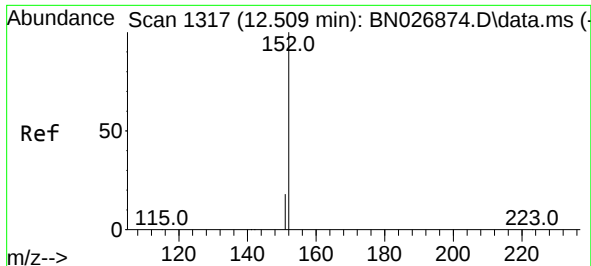
Tgt Ion:128 Resp: 79  
Ion Ratio Lower Upper  
128 100  
129 56.7 9.4 14.0#  
127 49.3 10.6 16.0#



#10  
Hexachlorobutadiene  
Concen: 0.186 ng  
RT: 11.226 min Scan# 1025  
Delta R.T. 0.032 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

Tgt Ion:225 Resp: 1  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 100.0 50.8 76.2#





#11

2-Methylnaphthalene-d10

Concen: 432.568 ng

RT: 12.472 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN027183.D

Acq: 27 Aug 2023 10:21

Instrument :

BNA\_N

ClientSampleId :

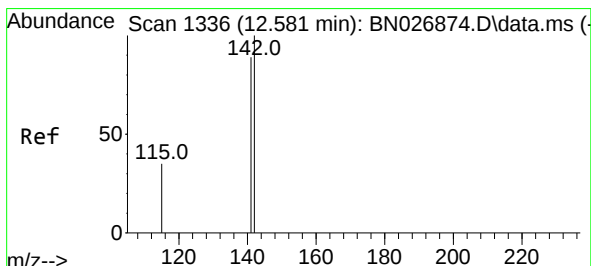
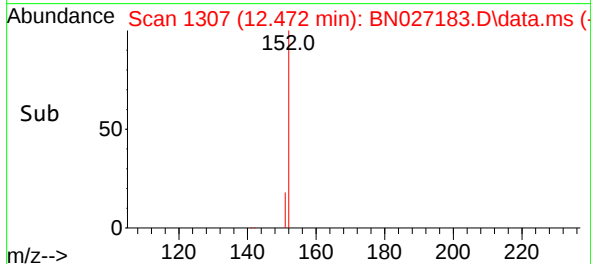
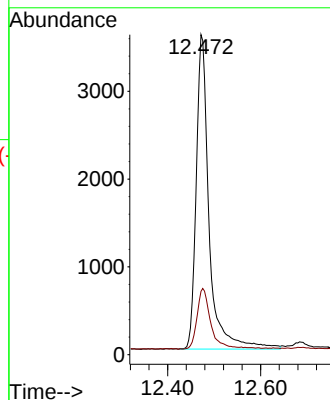
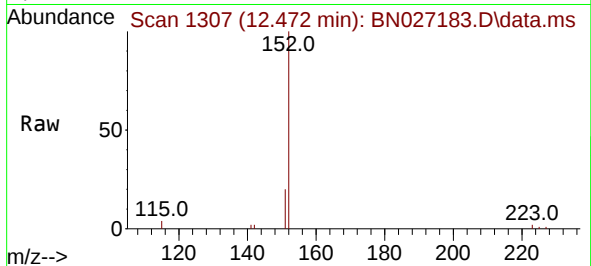
MW181S-20230816

Tgt Ion:152 Resp: 6875

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5



#12

2-Methylnaphthalene

Concen: 2.480 ng

RT: 12.547 min Scan# 1327

Delta R.T. -0.008 min

Lab File: BN027183.D

Acq: 27 Aug 2023 10:21

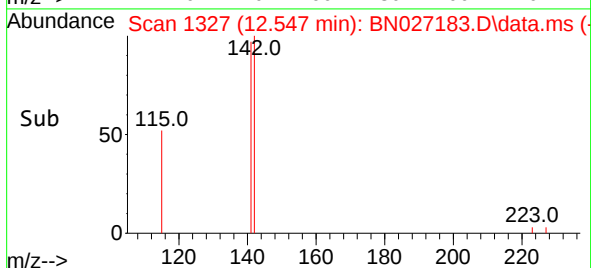
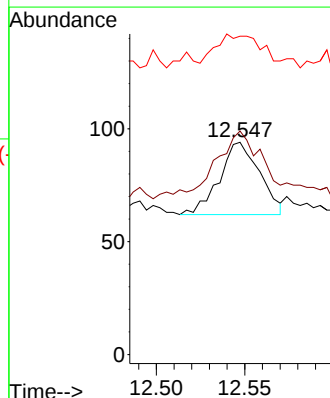
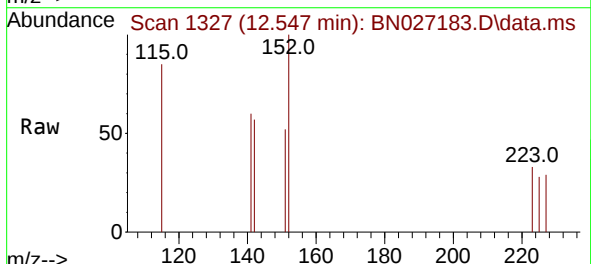
Tgt Ion:142 Resp: 51

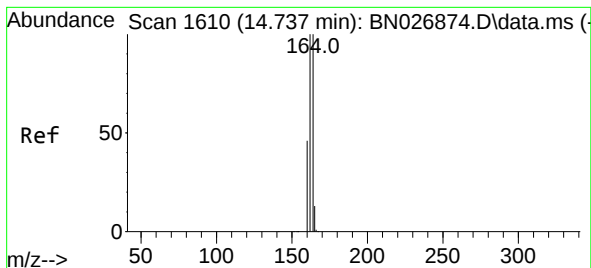
Ion Ratio Lower Upper

142 100

141 105.3 71.0 106.6

115 150.0 29.4 44.2#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.694 min Scan# 1

Delta R.T. -0.011 min

Lab File: BN027183.D

Acq: 27 Aug 2023 10:21

Instrument :

BNA\_N

ClientSampleId :

MW181S-20230816

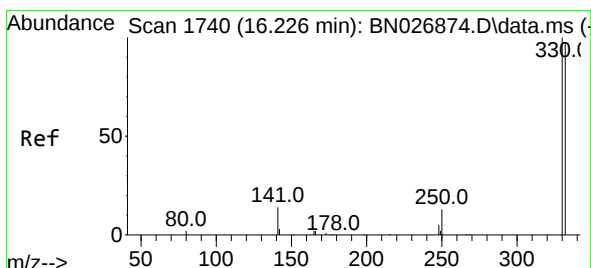
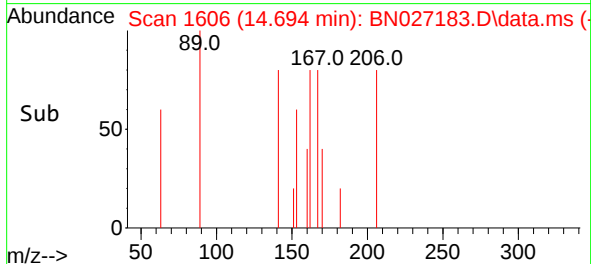
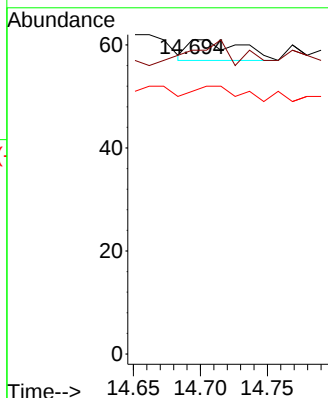
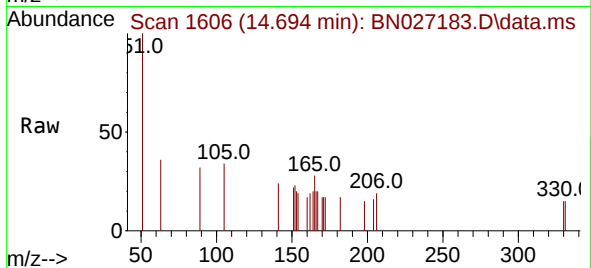
Tgt Ion:164 Resp: 11

Ion Ratio Lower Upper

164 100

162 96.7 79.7 119.5

160 83.6 37.4 56.0#



#14

2,4,6-Tribromophenol

Concen: 140.753 ng

RT: 16.189 min Scan# 1737

Delta R.T. -0.012 min

Lab File: BN027183.D

Acq: 27 Aug 2023 10:21

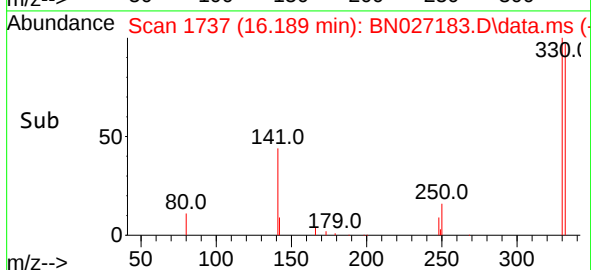
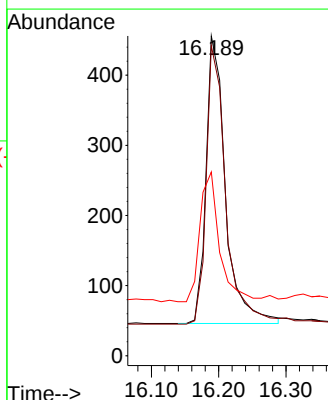
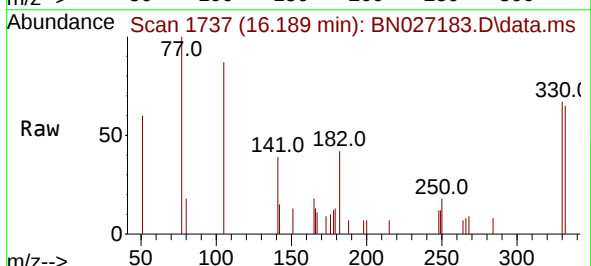
Tgt Ion:330 Resp: 824

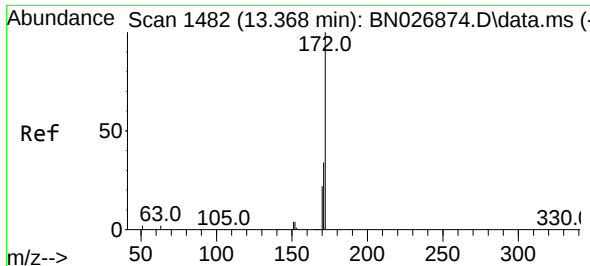
Ion Ratio Lower Upper

330 100

332 97.3 76.6 114.8

141 45.8 32.3 48.5

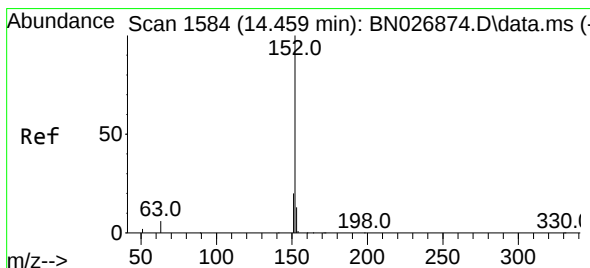
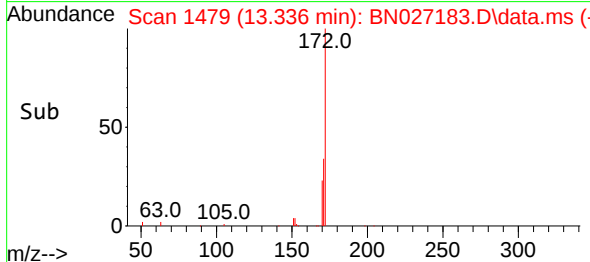
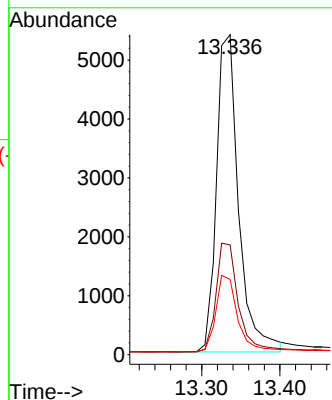
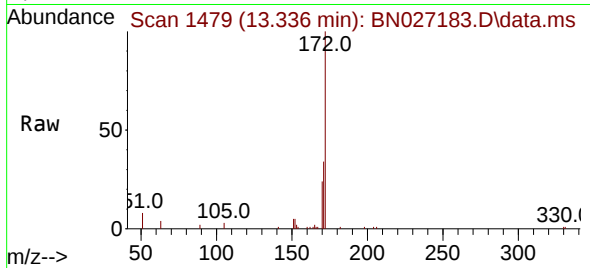




#15  
2-Fluorobiphenyl  
Concen: 259.136 ng  
RT: 13.336 min Scan# 1482  
Delta R.T. 0.000 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

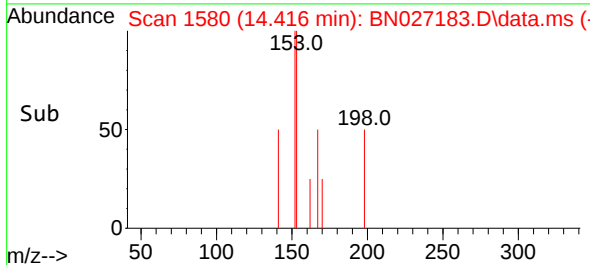
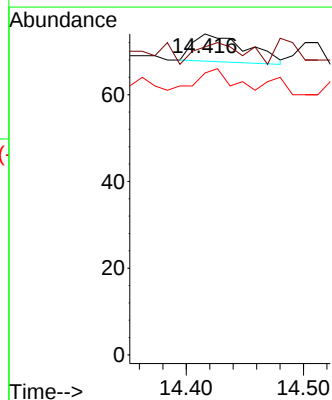
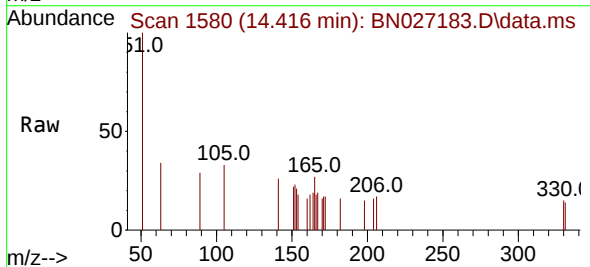
Instrument :  
BNA\_N  
ClientSampleId :  
MW181S-20230816

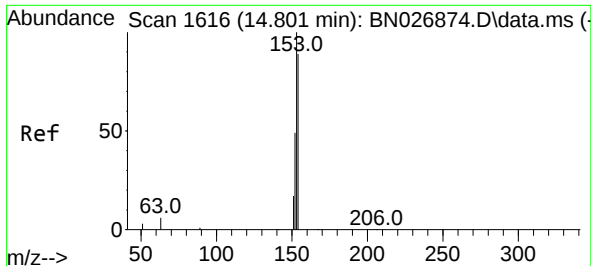
Tgt Ion:172 Resp: 10581  
Ion Ratio Lower Upper  
172 100  
171 34.3 27.4 41.0  
170 23.5 18.0 27.0



#16  
Acenaphthylene  
Concen: 0.381 ng  
RT: 14.416 min Scan# 1580  
Delta R.T. -0.021 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

Tgt Ion:152 Resp: 20  
Ion Ratio Lower Upper  
152 100  
151 60.0 15.5 23.3#  
153 55.0 10.5 15.7#

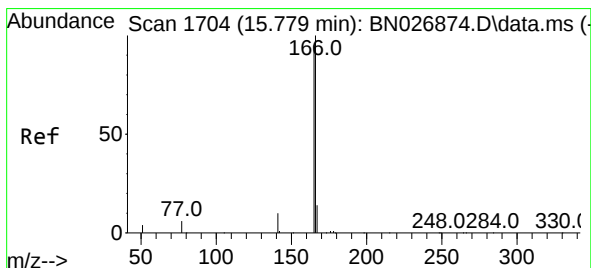
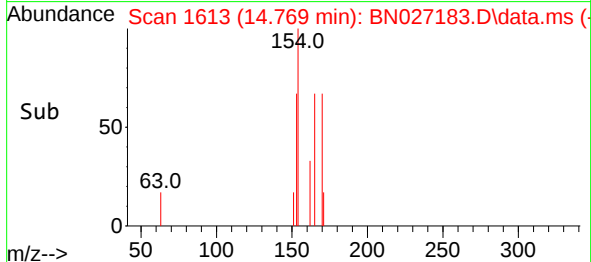
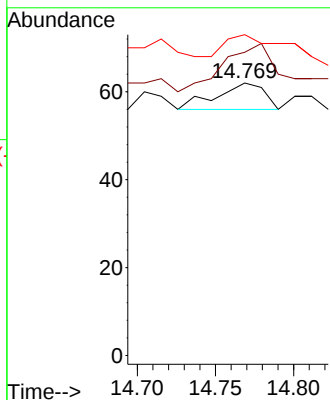
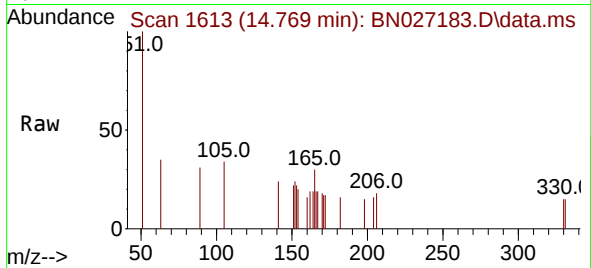




#17  
Acenaphthene  
Concen: 0.401 ng  
RT: 14.769 min Scan# 1616  
Delta R.T. 0.000 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

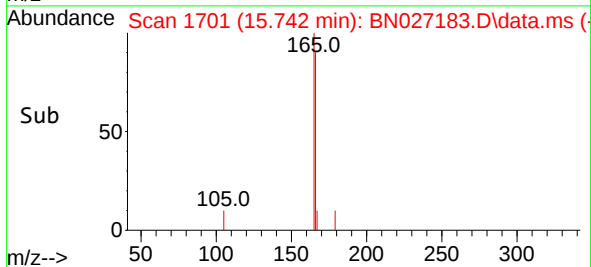
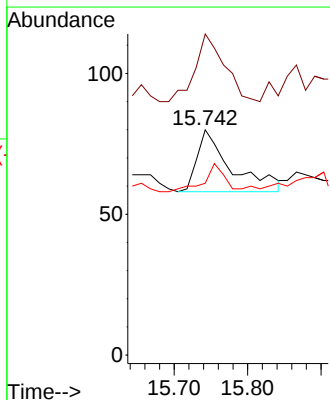
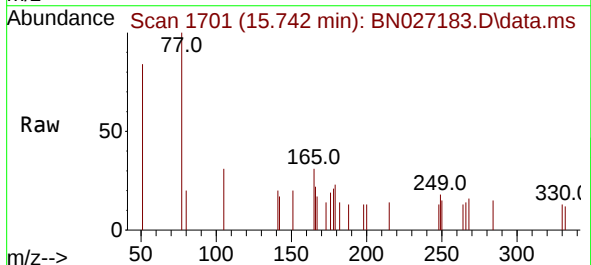
Instrument :  
BNA\_N  
ClientSampleId :  
MW181S-20230816

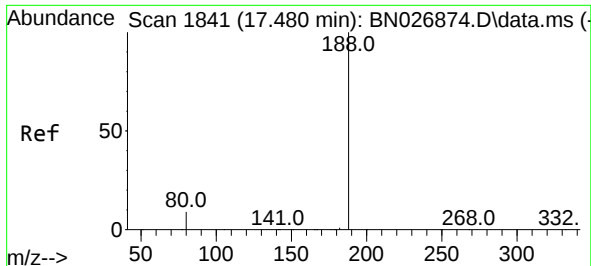
Tgt Ion:154 Resp: 13  
Ion Ratio Lower Upper  
154 100  
153 200.0 92.0 138.0#  
152 115.4 46.2 69.2#



#18  
Fluorene  
Concen: 1.631 ng  
RT: 15.742 min Scan# 1701  
Delta R.T. -0.012 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

Tgt Ion:166 Resp: 71  
Ion Ratio Lower Upper  
166 100  
165 93.0 77.4 116.2  
167 26.8 10.9 16.3#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.455 min Scan# 1839

Delta R.T. 0.000 min

Lab File: BN027183.D

Acq: 27 Aug 2023 10:21

Instrument :

BNA\_N

ClientSampleId :

MW181S-20230816

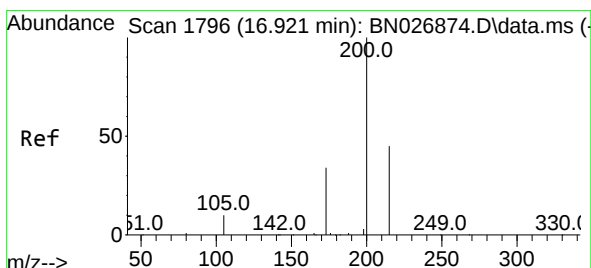
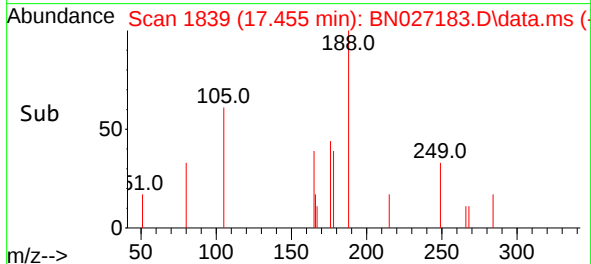
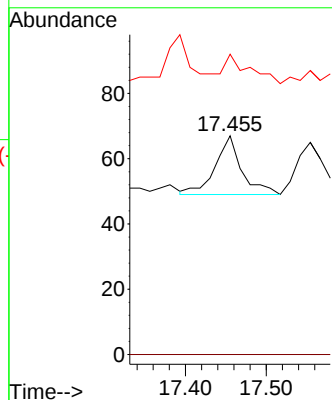
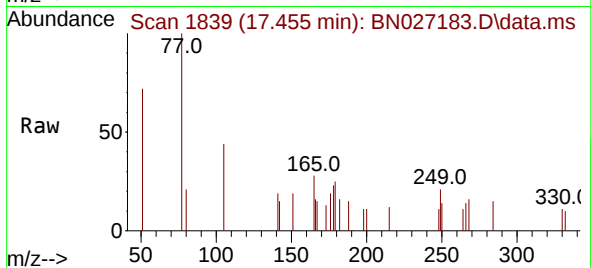
Tgt Ion:188 Resp: 41

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 137.3 7.4 11.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 13.996 ng

RT: 16.884 min Scan# 1793

Delta R.T. -0.025 min

Lab File: BN027183.D

Acq: 27 Aug 2023 10:21

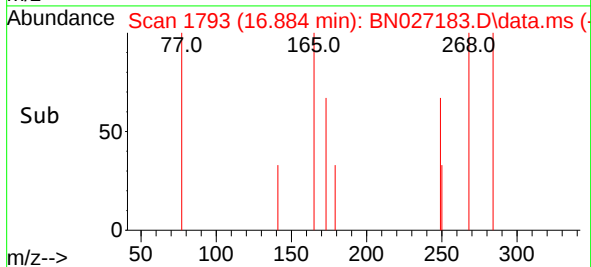
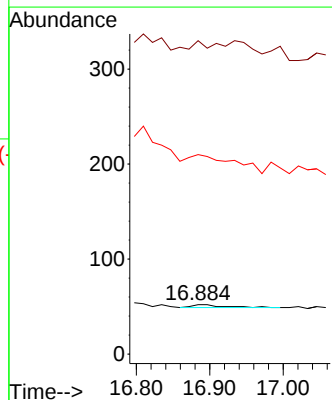
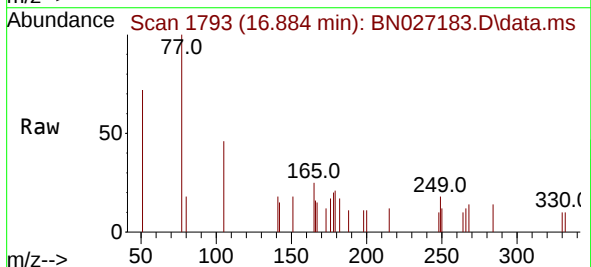
Tgt Ion:198 Resp: 9

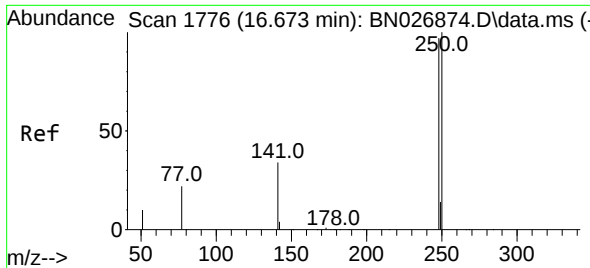
Ion Ratio Lower Upper

198 100

51 634.6 143.8 215.8#

105 403.8 273.5 410.3

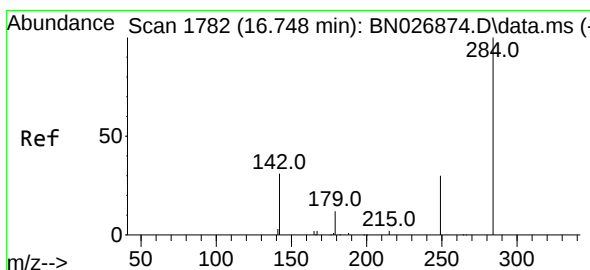
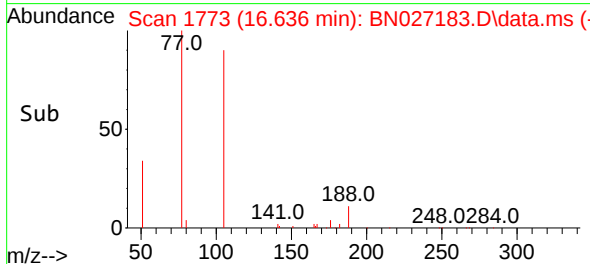
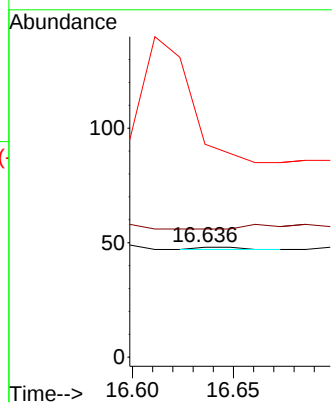
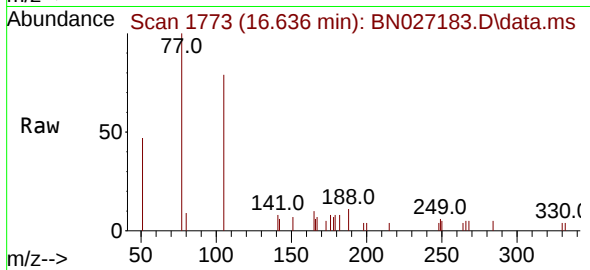




#21  
4-Bromophenyl-phenylether  
Concen: 0.043 ng  
RT: 16.636 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

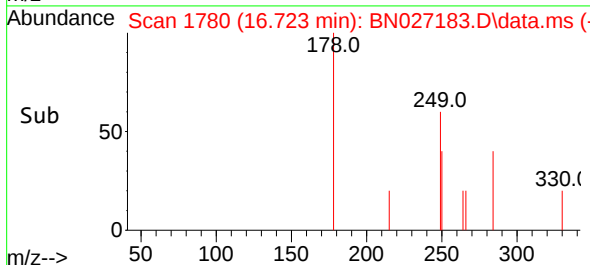
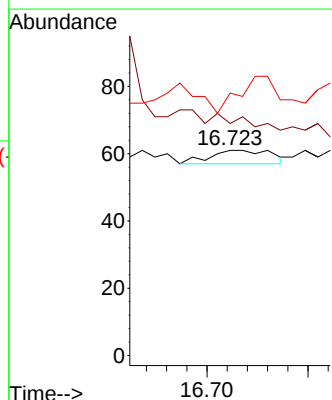
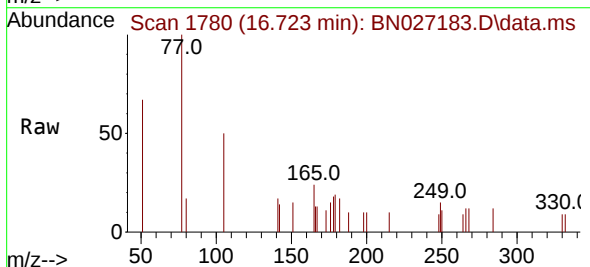
Instrument :  
BNA\_N  
ClientSampleId :  
MW181S-20230816

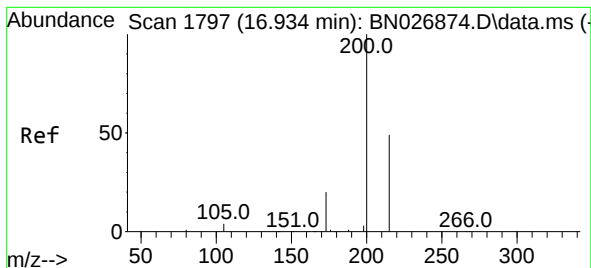
Tgt Ion:248 Resp: 1  
Ion Ratio Lower Upper  
248 100  
250 116.7 83.0 124.4  
141 193.8 29.9 44.9#



#22  
Hexachlorobenzene  
Concen: 0.680 ng  
RT: 16.723 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

Tgt Ion:284 Resp: 17  
Ion Ratio Lower Upper  
284 100  
142 0.0 30.0 45.0#  
249 0.0 24.4 36.6#





#23

Atrazine

Concen: 0.288 ng

RT: 16.897 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN027183.D

Acq: 27 Aug 2023 10:21

Instrument :

BNA\_N

ClientSampleId :

MW181S-20230816

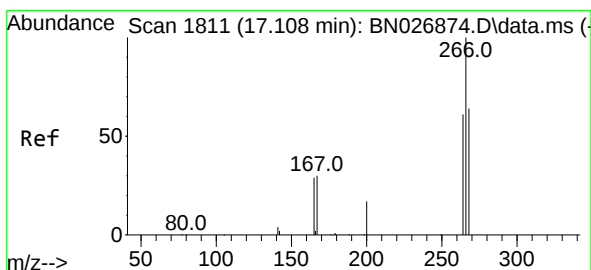
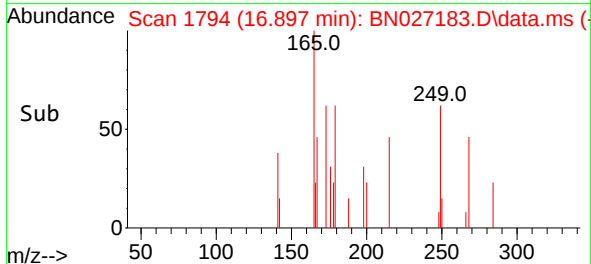
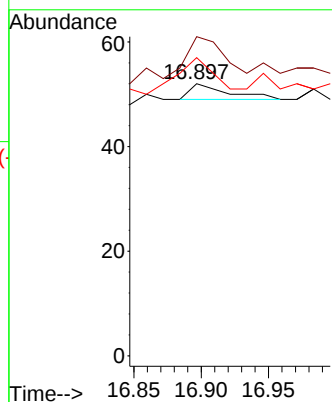
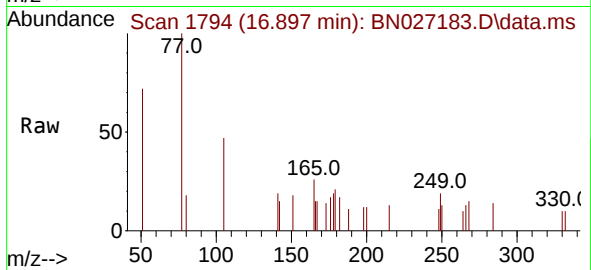
Tgt Ion:200 Resp: 6

Ion Ratio Lower Upper

200 100

173 117.3 17.1 25.7#

215 109.6 39.6 59.4#



#24

Pentachlorophenol

Concen: 1.426 ng

RT: 17.083 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BN027183.D

Acq: 27 Aug 2023 10:21

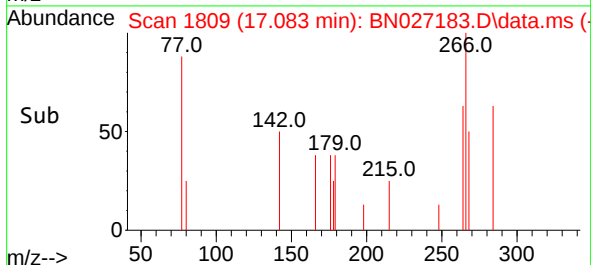
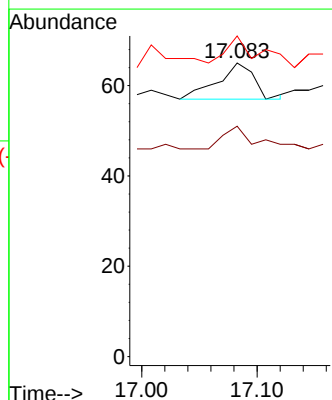
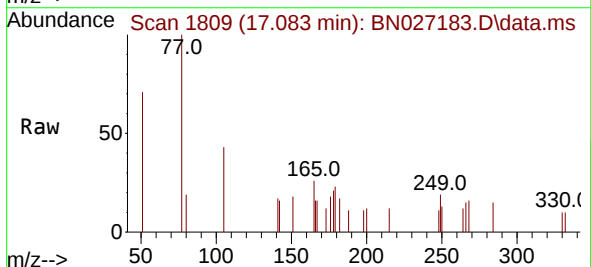
Tgt Ion:266 Resp: 18

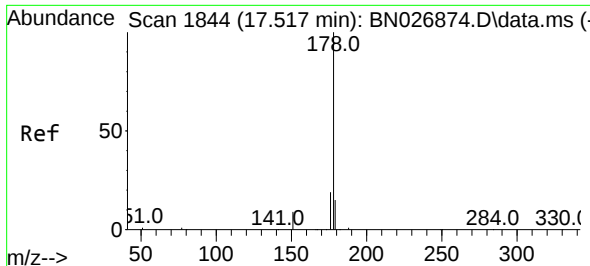
Ion Ratio Lower Upper

266 100

264 55.6 49.7 74.5

268 77.8 49.3 73.9#

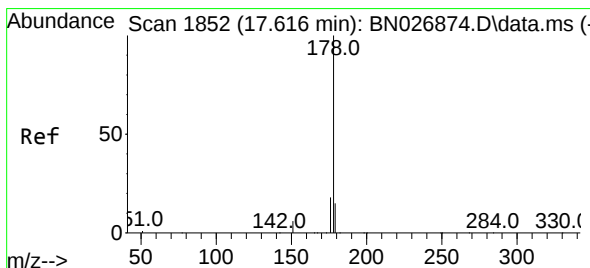
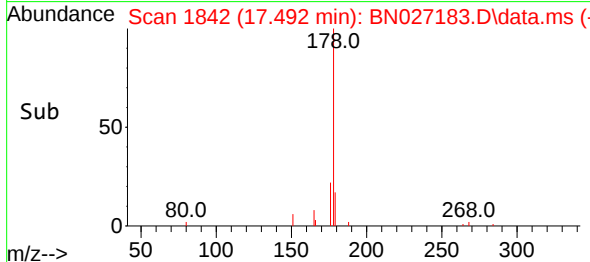
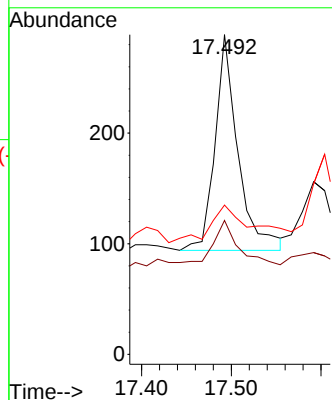
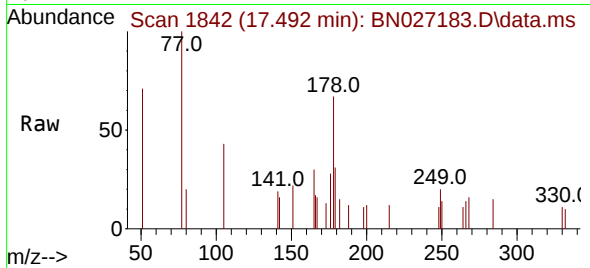




#25  
Phenanthrene  
Concen: 2.944 ng  
RT: 17.492 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

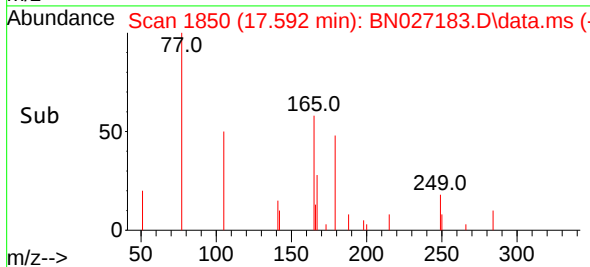
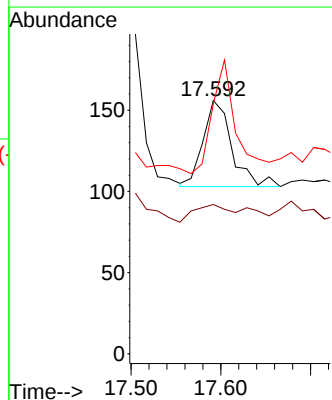
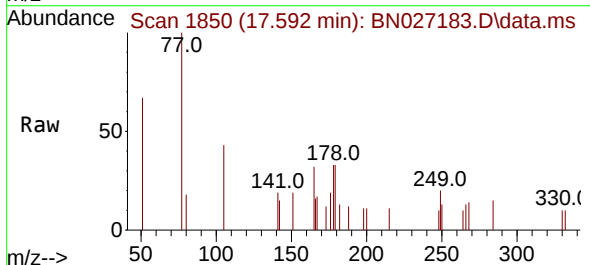
Instrument :  
BNA\_N  
ClientSampleId :  
MW181S-20230816

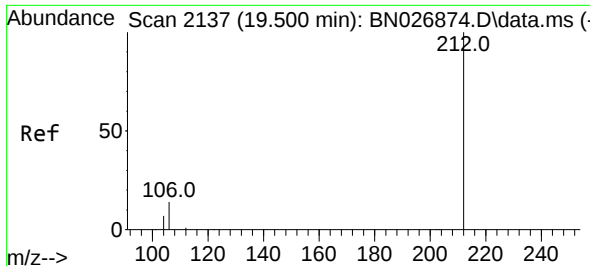
Tgt Ion:178 Resp: 347  
Ion Ratio Lower Upper  
178 100  
176 22.8 15.3 22.9  
179 24.5 12.2 18.4#



#26  
Anthracene  
Concen: 1.073 ng  
RT: 17.592 min Scan# 1850  
Delta R.T. 0.000 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

Tgt Ion:178 Resp: 118  
Ion Ratio Lower Upper  
178 100  
176 26.3 14.8 22.2#  
179 108.5 12.1 18.1#

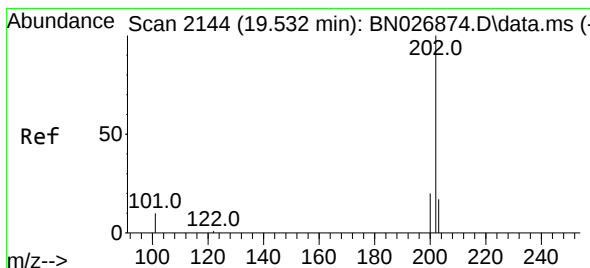
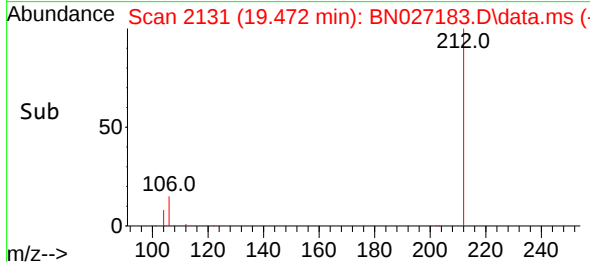
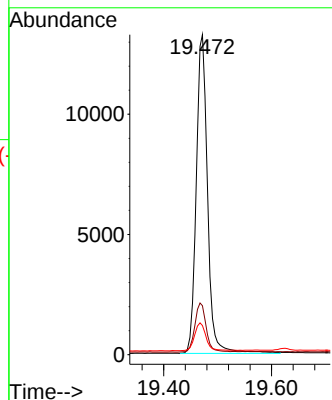
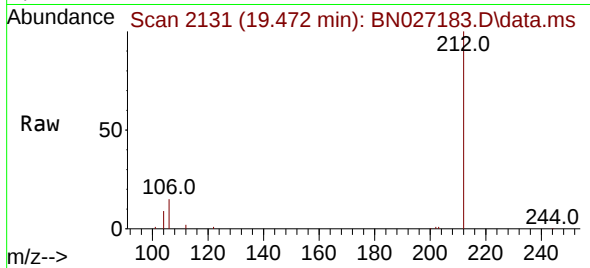




#27  
Fluoranthene-d10  
Concen: 182.615 ng  
RT: 19.472 min Scan# 2137  
Delta R.T. -0.005 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

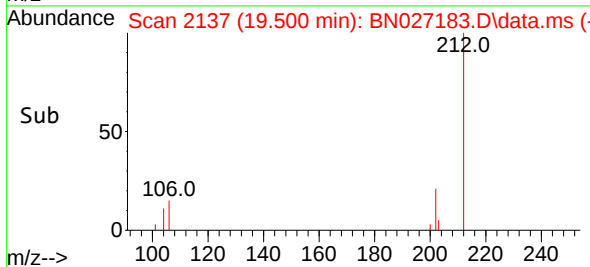
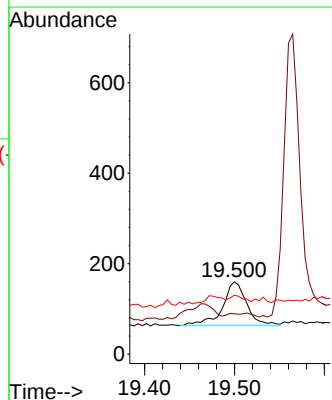
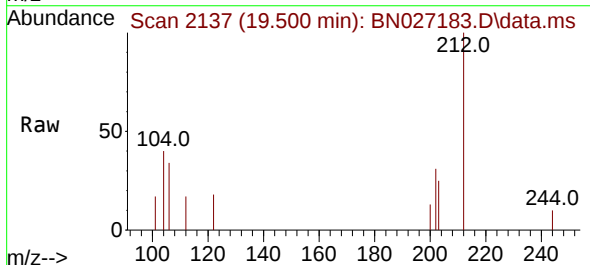
Instrument :  
BNA\_N  
ClientSampleId :  
MW181S-20230816

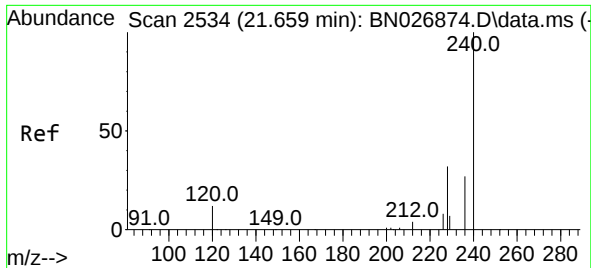
Tgt Ion:212 Resp: 19202  
Ion Ratio Lower Upper  
212 100  
106 15.5 10.9 16.3  
104 8.8 5.9 8.9



#28  
Fluoranthene  
Concen: 1.304 ng  
RT: 19.500 min Scan# 2137  
Delta R.T. -0.009 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

Tgt Ion:202 Resp: 182  
Ion Ratio Lower Upper  
202 100  
101 0.0 8.9 13.3#  
203 7.7 13.7 20.5#

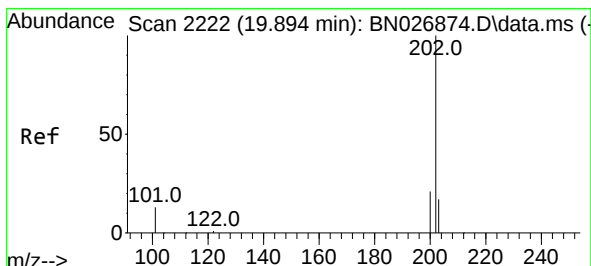
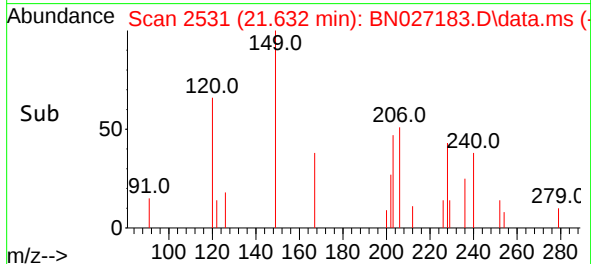
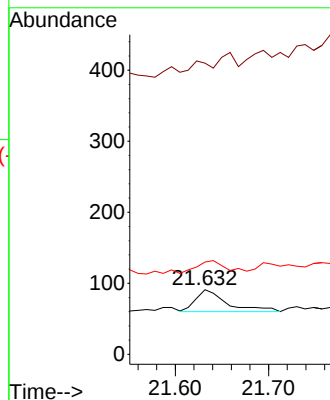
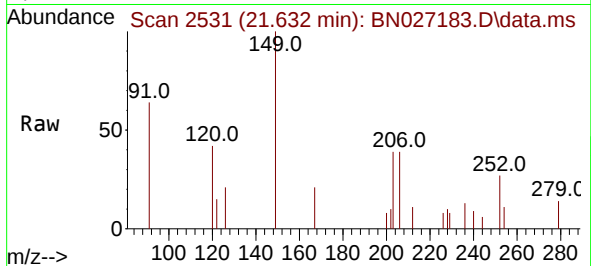




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.632 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

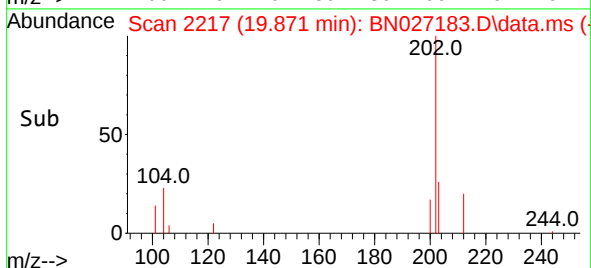
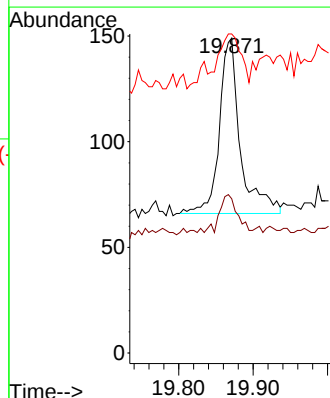
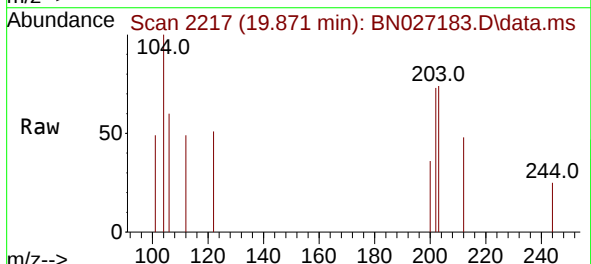
Instrument :  
BNA\_N  
ClientSampleId :  
MW181S-20230816

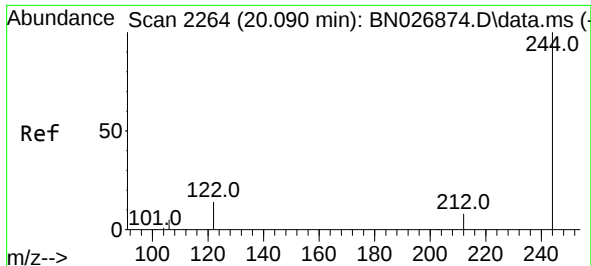
Tgt Ion:240 Resp: 73  
Ion Ratio Lower Upper  
240 100  
120 450.5 11.1 16.7#  
236 142.9 22.2 33.2#



#30  
Pyrene  
Concen: 0.577 ng  
RT: 19.871 min Scan# 2217  
Delta R.T. 0.000 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

Tgt Ion:202 Resp: 162  
Ion Ratio Lower Upper  
202 100  
200 18.5 16.6 25.0  
203 25.9 14.4 21.6#

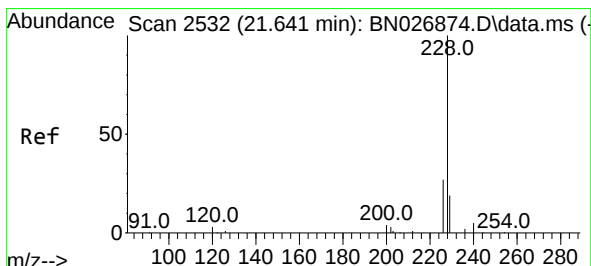
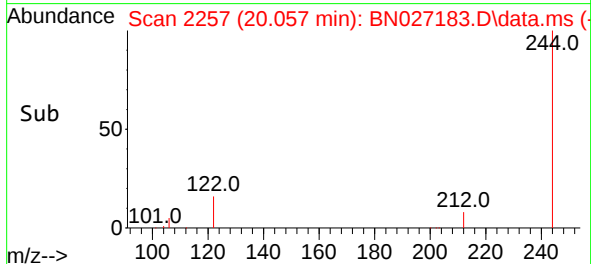
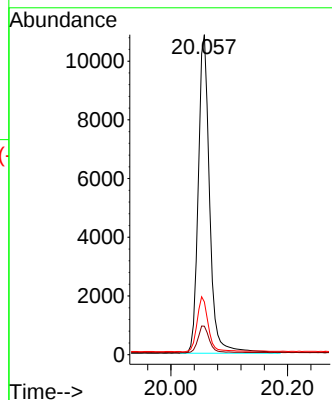
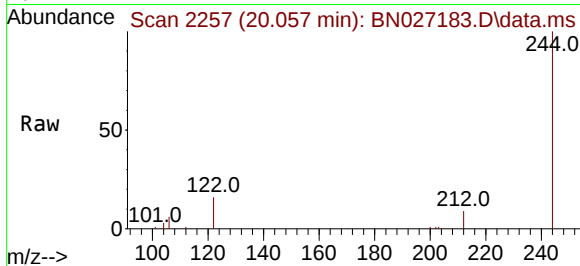




#31  
 Terphenyl-d14  
 Concen: 96.062 ng  
 RT: 20.057 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: BN027183.D  
 Acq: 27 Aug 2023 10:21

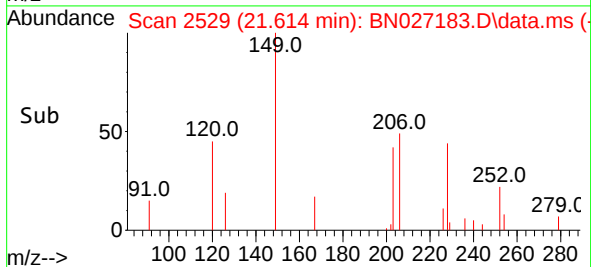
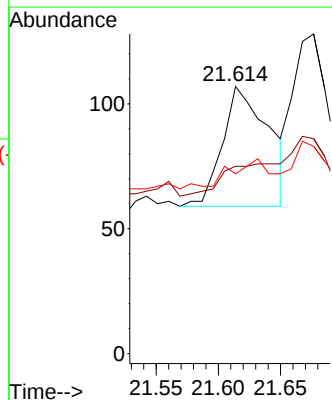
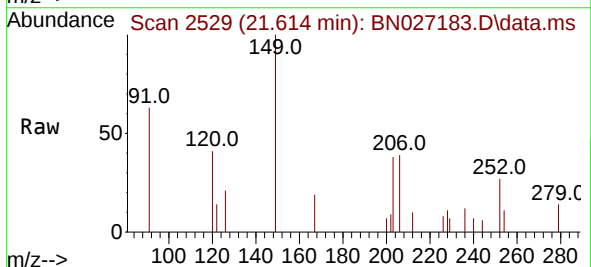
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW181S-20230816

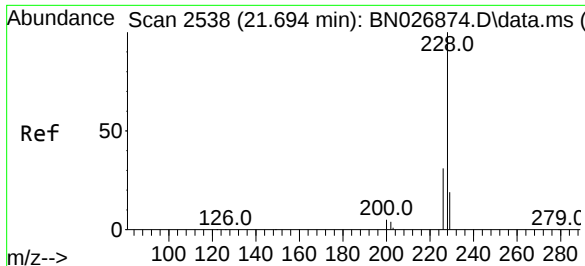
Tgt Ion:244 Resp: 14654  
 Ion Ratio Lower Upper  
 244 100  
 212 8.9 6.9 10.3  
 122 16.5 11.9 17.9



#32  
 Benzo(a)anthracene  
 Concen: 0.467 ng  
 RT: 21.614 min Scan# 2529  
 Delta R.T. 0.000 min  
 Lab File: BN027183.D  
 Acq: 27 Aug 2023 10:21

Tgt Ion:228 Resp: 123  
 Ion Ratio Lower Upper  
 228 100  
 226 70.1 22.1 33.1#  
 229 67.3 15.5 23.3#





#33

Chrysene

Concen: 0.451 ng

RT: 21.677 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN027183.D

Acq: 27 Aug 2023 10:21

Instrument :

BNA\_N

ClientSampleId :

MW181S-20230816

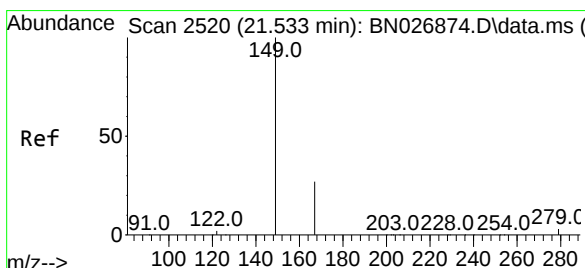
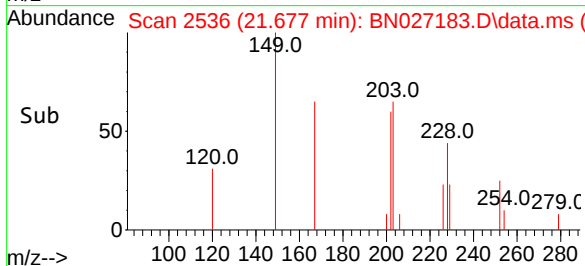
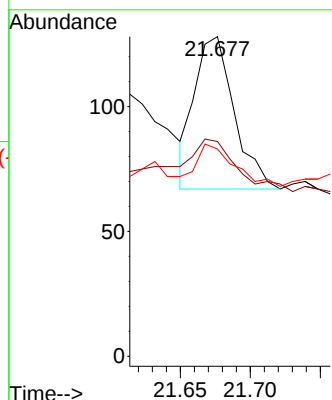
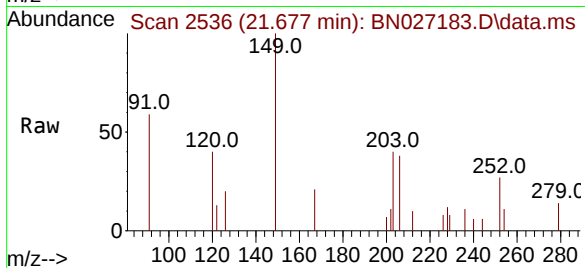
Tgt Ion:228 Resp: 120

Ion Ratio Lower Upper

228 100

226 67.2 24.6 37.0#

229 64.8 15.5 23.3#



#34

Bis(2-ethylhexyl)phthalate

Concen: 16.509 ng

RT: 21.488 min Scan# 2515

Delta R.T. -0.009 min

Lab File: BN027183.D

Acq: 27 Aug 2023 10:21

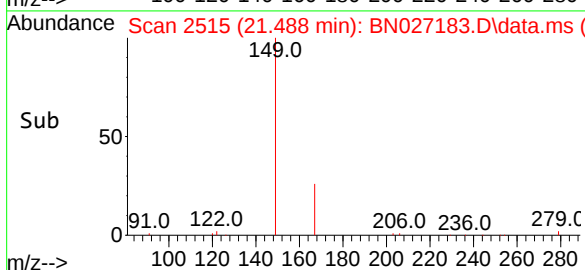
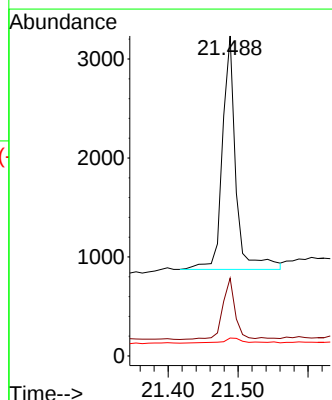
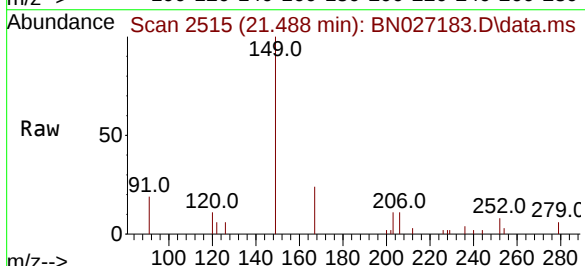
Tgt Ion:149 Resp: 3132

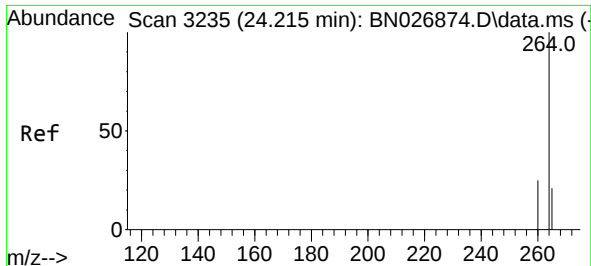
Ion Ratio Lower Upper

149 100

167 24.3 21.4 32.0

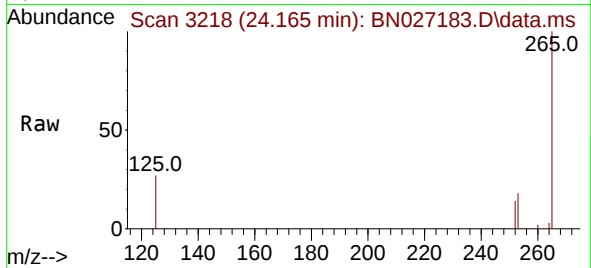
279 3.3 3.6 5.4#



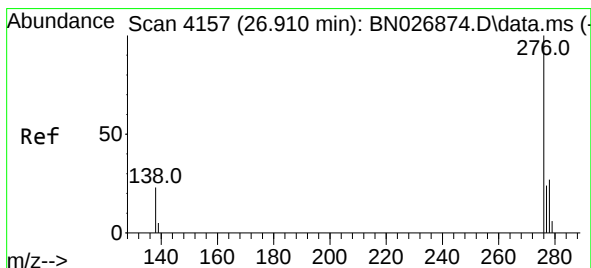
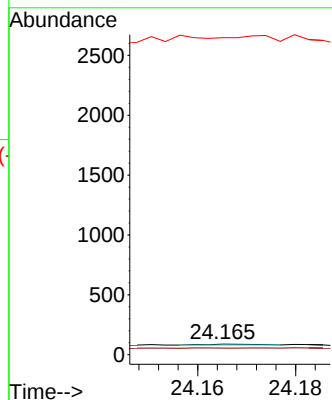
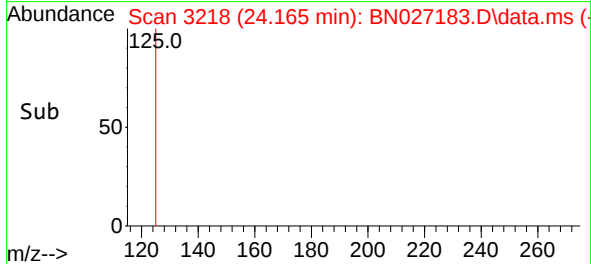


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 24.165 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

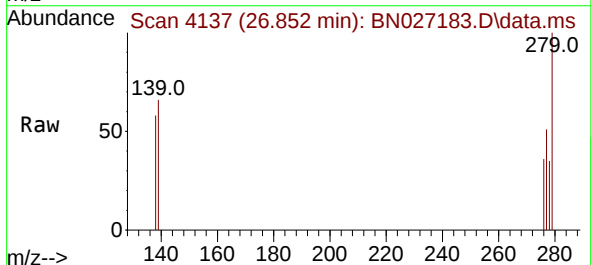
Instrument :  
BNA\_N  
ClientSampleId :  
MW181S-20230816



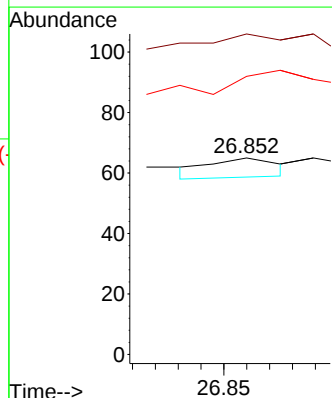
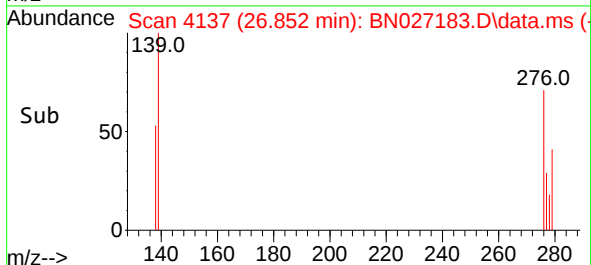
Tgt Ion:264 Resp: 7  
Ion Ratio Lower Upper  
264 100  
260 61.8 20.4 30.6#  
265 2974.2 27.0 40.6#



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.105 ng  
RT: 26.852 min Scan# 4137  
Delta R.T. 0.000 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21



Tgt Ion:276 Resp: 3  
Ion Ratio Lower Upper  
276 100  
138 233.3 21.1 31.7#  
277 233.3 19.9 29.9#

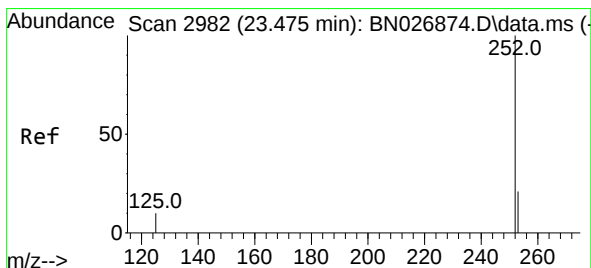
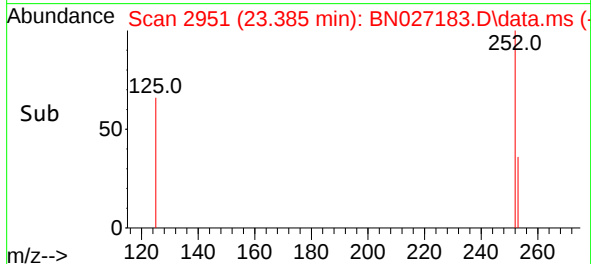
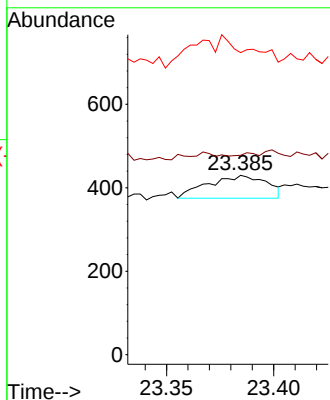
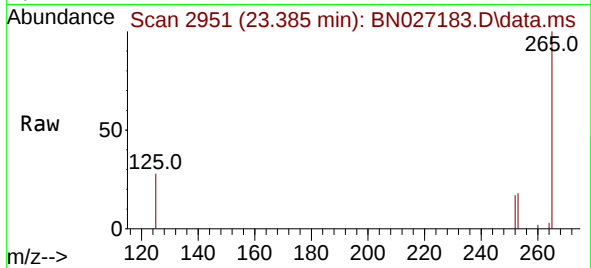




#37  
Benzo(b)fluoranthene  
Concen: 4.440 ng  
RT: 23.385 min Scan# 2967  
Delta R.T. 0.006 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

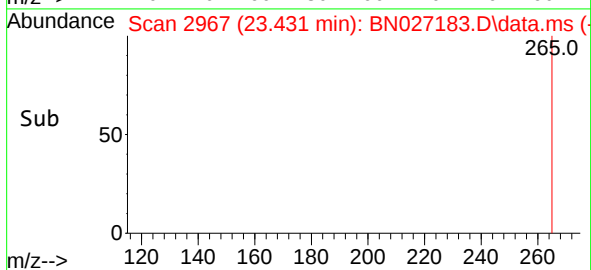
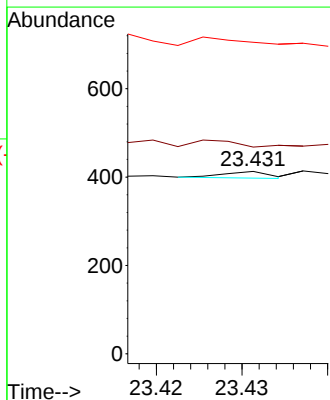
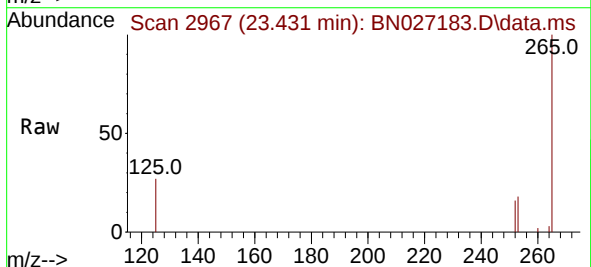
Instrument :  
BNA\_N  
ClientSampleId :  
MW181S-20230816

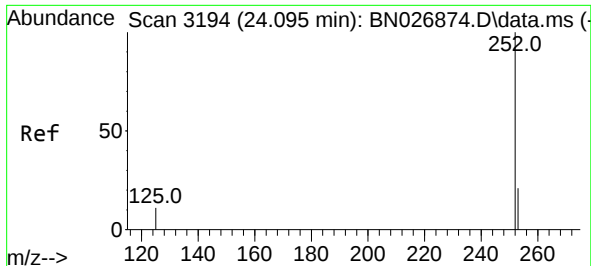
Tgt Ion:252 Resp: 104  
Ion Ratio Lower Upper  
252 100  
253 111.2 18.4 27.6#  
125 168.4 10.2 15.2#



#38  
Benzo(k)fluoranthene  
Concen: 0.208 ng  
RT: 23.431 min Scan# 2967  
Delta R.T. 0.000 min  
Lab File: BN027183.D  
Acq: 27 Aug 2023 10:21

Tgt Ion:252 Resp: 5  
Ion Ratio Lower Upper  
252 100  
253 113.3 18.4 27.6#  
125 170.7 10.2 15.2#





#39

Benzo(a)pyrene

Concen: 0.810 ng

RT: 24.045 min Scan# 31

Delta R.T. -0.012 min

Lab File: BN027183.D

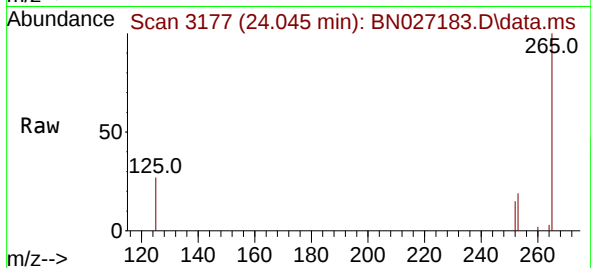
Acq: 27 Aug 2023 10:21

Instrument :

BNA\_N

ClientSampleId :

MW181S-20230816



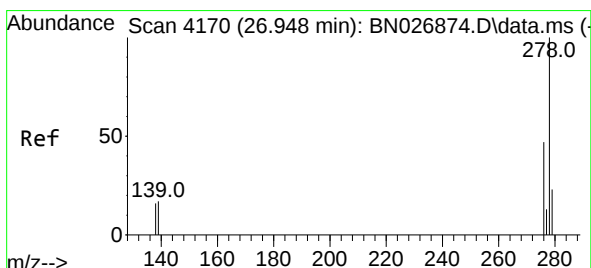
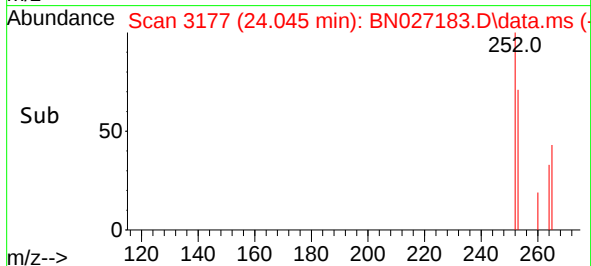
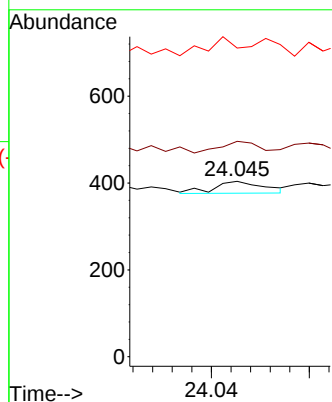
Tgt Ion:252 Resp: 19

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 252 | 100 |  |  |
|-----|-----|--|--|

|     |       |      |       |
|-----|-------|------|-------|
| 253 | 122.8 | 18.6 | 28.0# |
|-----|-------|------|-------|

|     |       |      |       |
|-----|-------|------|-------|
| 125 | 176.0 | 11.7 | 17.5# |
|-----|-------|------|-------|



#40

Dibenzo(a,h)anthracene

Concen: 0.175 ng

RT: 26.878 min Scan# 4146

Delta R.T. -0.003 min

Lab File: BN027183.D

Acq: 27 Aug 2023 10:21

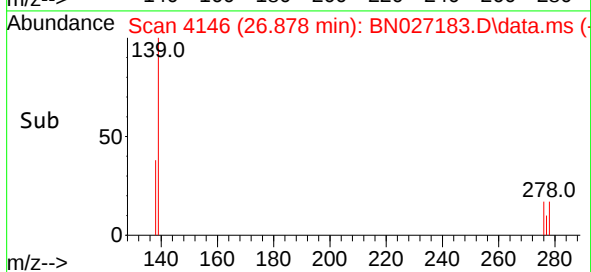
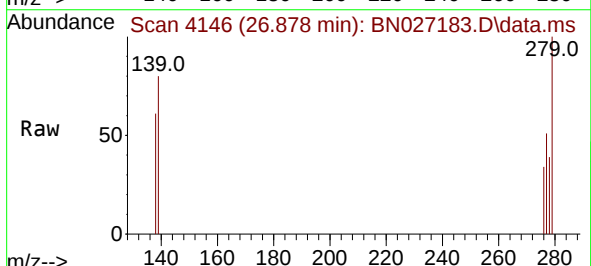
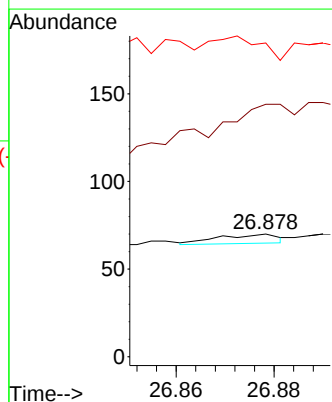
Tgt Ion:278 Resp: 4

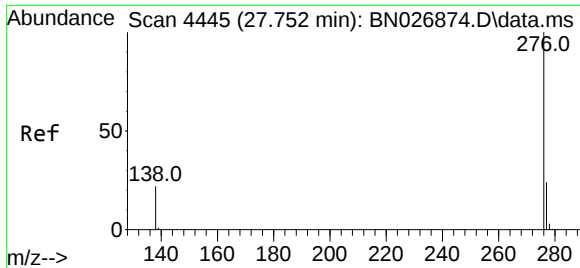
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 278 | 100 |  |  |
|-----|-----|--|--|

|     |       |      |       |
|-----|-------|------|-------|
| 139 | 205.7 | 15.3 | 22.9# |
|-----|-------|------|-------|

|     |       |      |       |
|-----|-------|------|-------|
| 279 | 255.7 | 19.9 | 29.9# |
|-----|-------|------|-------|





#41

Benzo(g,h,i)perylene

Concen: 0.407 ng

RT: 27.671 min Scan# 44

Delta R.T. -0.018 min

Lab File: BN027183.D

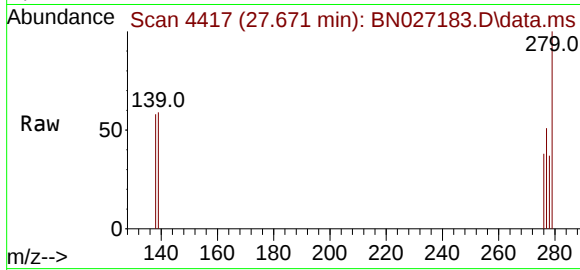
Acq: 27 Aug 2023 10:21

Instrument :

BNA\_N

ClientSampleId :

MW181S-20230816



Tgt Ion:276 Resp: 10

Ion Ratio Lower Upper

276 100

277 135.4 19.8 29.8#

138 152.3 19.0 28.4#

