

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN083023\  
 Data File : BN027278.D  
 Acq On : 30 Aug 2023 16:44  
 Operator : MA/JU  
 Sample : 04128-13  
 Misc :  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW9-MW01D2-20230822

Quant Time: Aug 31 04:28:58 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 29 05:37:30 2023  
 Response via : Initial Calibration

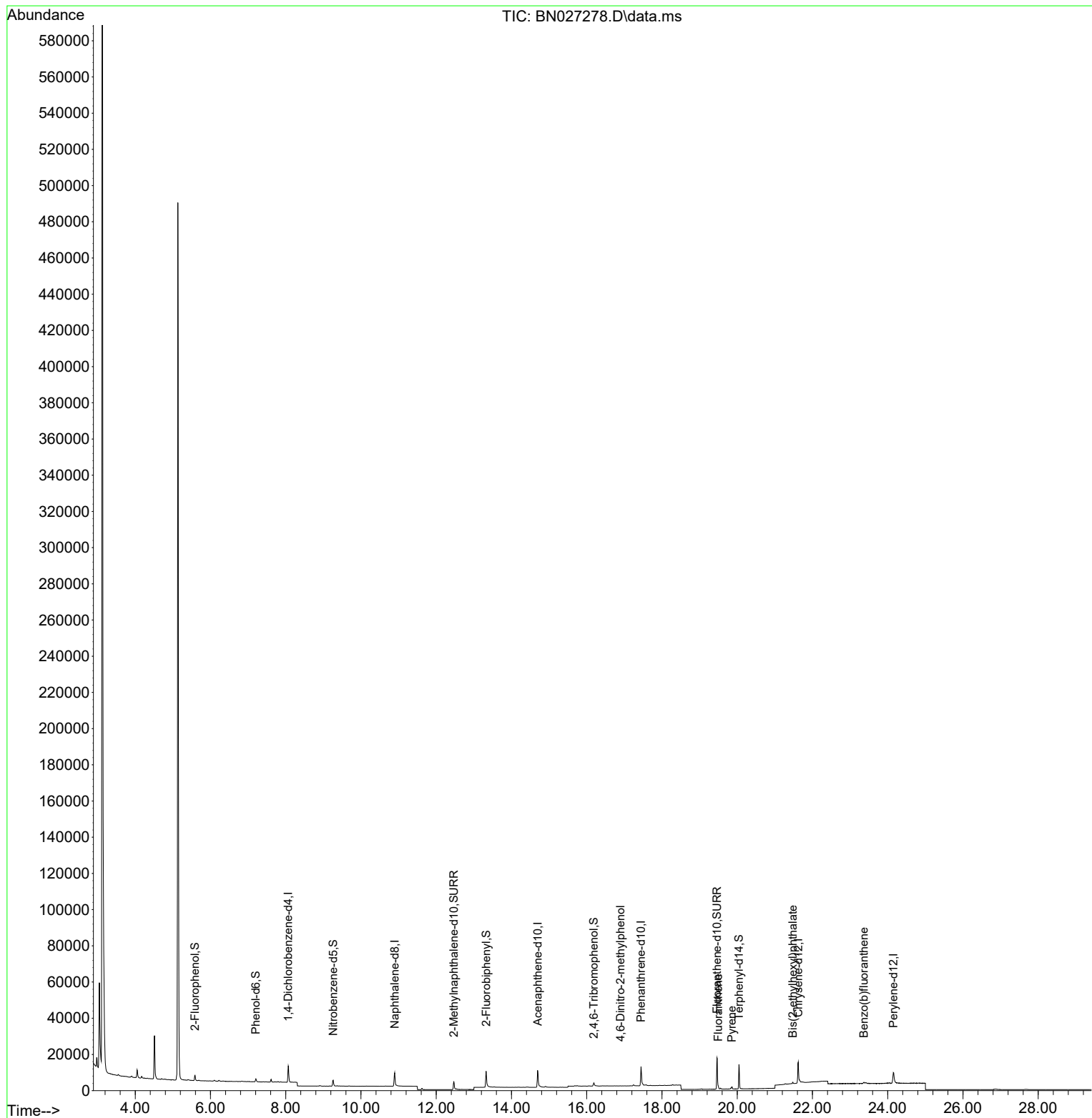
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)    |
|-------------------------------|--------|------|----------|-------|-------|-------------|
| -----                         |        |      |          |       |       |             |
| Internal Standards            |        |      |          |       |       |             |
| 1) 1,4-Dichlorobenzene-d4     | 8.066  | 152  | 4545     | 0.400 | ng    | 0.00        |
| 7) Naphthalene-d8             | 10.895 | 136  | 11899    | 0.400 | ng    | 0.00        |
| 13) Acenaphthene-d10          | 14.694 | 164  | 6948     | 0.400 | ng    | 0.00        |
| 19) Phenanthrene-d10          | 17.443 | 188  | 16415    | 0.400 | ng    | 0.00        |
| 29) Chrysene-d12              | 21.623 | 240  | 13657    | 0.400 | ng    | 0.00        |
| 35) Perylene-d12              | 24.150 | 264  | 11846    | 0.400 | ng    | 0.00        |
| System Monitoring Compounds   |        |      |          |       |       |             |
| 4) 2-Fluorophenol             | 5.589  | 112  | 2641     | 0.223 | ng    | 0.00        |
| 5) Phenol-d6                  | 7.206  | 99   | 1764     | 0.122 | ng    | 0.00        |
| 8) Nitrobenzene-d5            | 9.262  | 82   | 3241     | 0.374 | ng    | 0.00        |
| 11) 2-Methylnaphthalene-d10   | 12.468 | 152  | 7746     | 0.443 | ng    | 0.00        |
| 14) 2,4,6-Tribromophenol      | 16.189 | 330  | 1236     | 0.481 | ng    | 0.00        |
| 15) 2-Fluorobiphenyl          | 13.325 | 172  | 9860     | 0.373 | ng    | 0.00        |
| 27) Fluoranthene-d10          | 19.462 | 212  | 21020    | 0.515 | ng    | 0.00        |
| 31) Terphenyl-d14             | 20.048 | 244  | 13323    | 0.486 | ng    | 0.00        |
| Target Compounds              |        |      |          |       |       |             |
| 20) 4,6-Dinitro-2-methylph... | 16.896 | 198  | 6        | 0.026 | ng    | Qvalue # 13 |
| 28) Fluoranthene              | 19.495 | 202  | 1190     | 0.021 | ng    | # 87        |
| 30) Pyrene                    | 19.857 | 202  | 1184     | 0.022 | ng    | # 98        |
| 34) Bis(2-ethylhexyl)phtha... | 21.479 | 149  | 892      | 0.039 | ng    | # 98        |
| 37) Benzo(b)fluoranthene      | 23.367 | 252  | 983      | 0.021 | ng    | # 1         |
| -----                         |        |      |          |       |       |             |

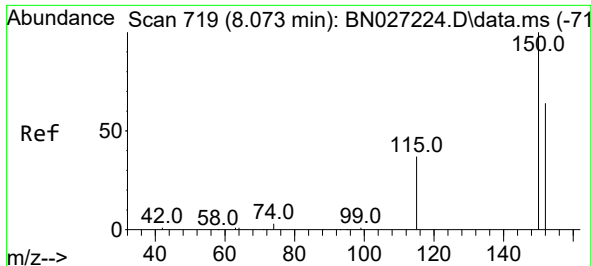
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN083023\  
Data File : BN027278.D  
Acq On : 30 Aug 2023 16:44  
Operator : MA/JU  
Sample : 04128-13  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RW9-MW01D2-20230822

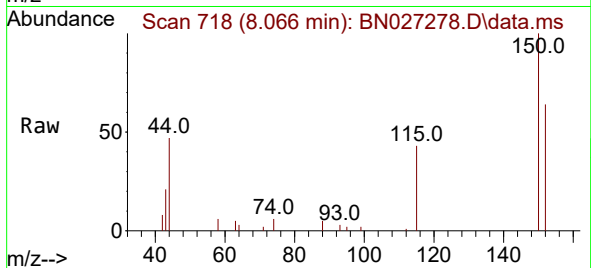
Quant Time: Aug 31 04:28:58 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 29 05:37:30 2023  
Response via : Initial Calibration



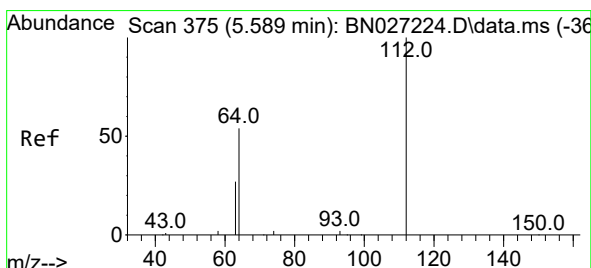
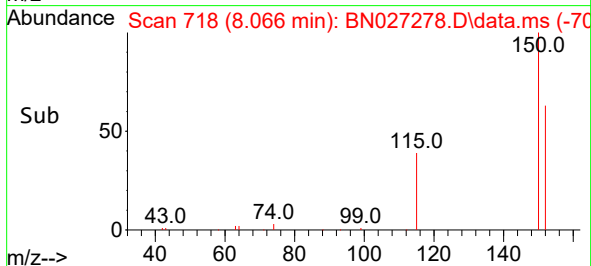
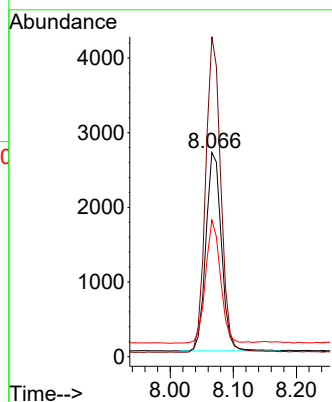


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.066 min Scan# 719  
Delta R.T. -0.007 min  
Lab File: BN027278.D  
Acq: 30 Aug 2023 16:44

Instrument :  
BNA\_N  
ClientSampleId :  
RW9-MW01D2-20230822

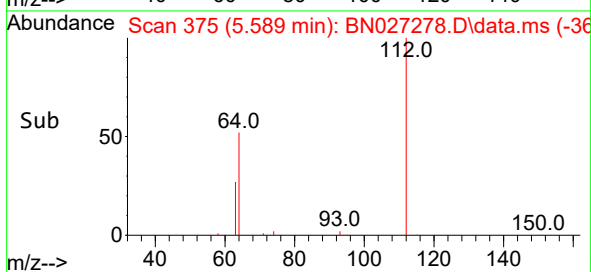
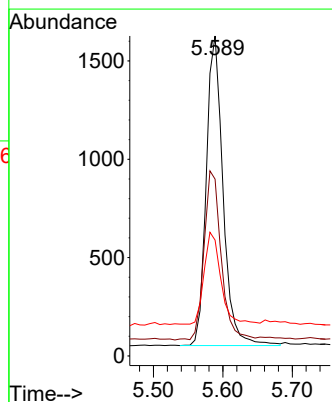
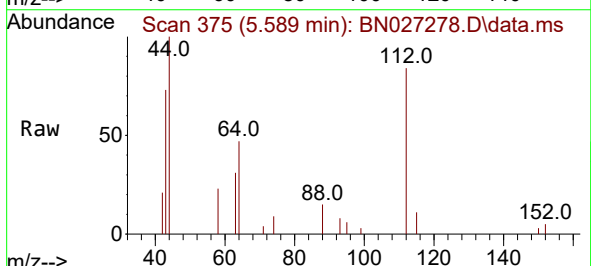


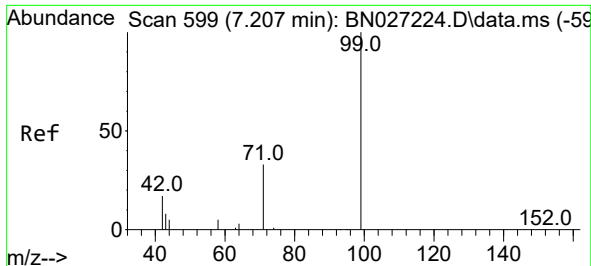
Tgt Ion:152 Resp: 4545  
Ion Ratio Lower Upper  
152 100  
150 156.7 122.7 184.1  
115 66.9 48.6 73.0



#4  
2-Fluorophenol  
Concen: 0.223 ng  
RT: 5.589 min Scan# 375  
Delta R.T. -0.000 min  
Lab File: BN027278.D  
Acq: 30 Aug 2023 16:44

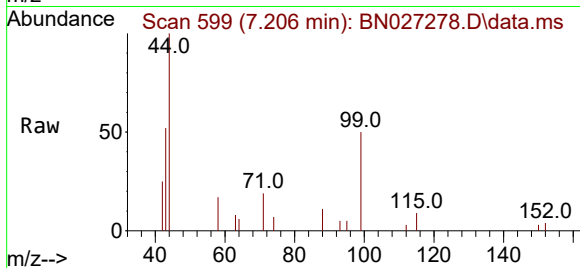
Tgt Ion:112 Resp: 2641  
Ion Ratio Lower Upper  
112 100  
64 55.8 44.4 66.6  
63 30.0 23.1 34.7



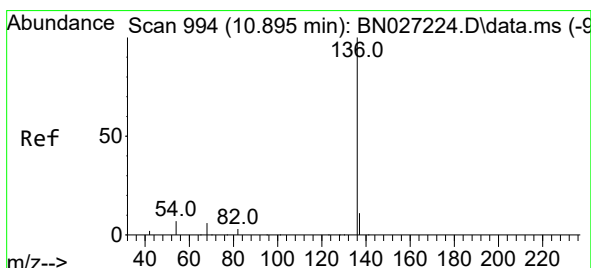
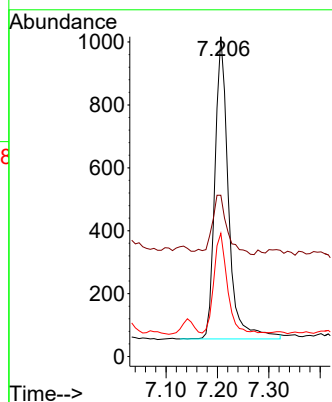
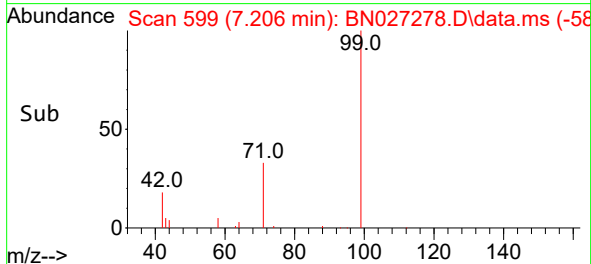


#5  
Phenol-d6  
Concen: 0.122 ng  
RT: 7.206 min Scan# 599  
Delta R.T. -0.000 min  
Lab File: BN027278.D  
Acq: 30 Aug 2023 16:44

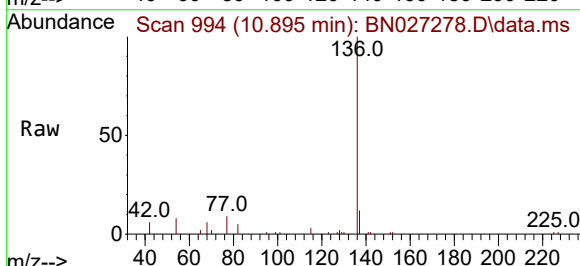
Instrument :  
BNA\_N  
ClientSampleId :  
RW9-MW01D2-20230822



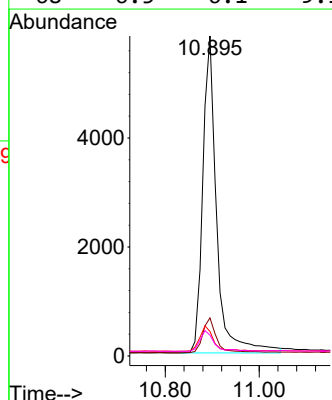
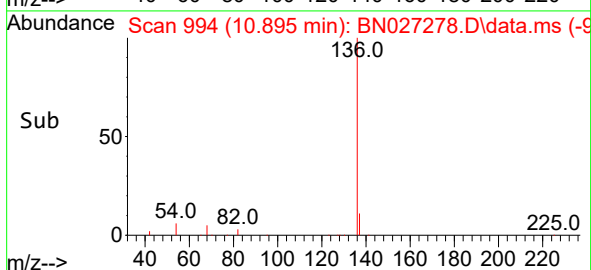
Tgt Ion: 99 Resp: 1764  
Ion Ratio Lower Upper  
99 100  
42 21.9 14.5 21.7#  
71 32.2 25.8 38.6

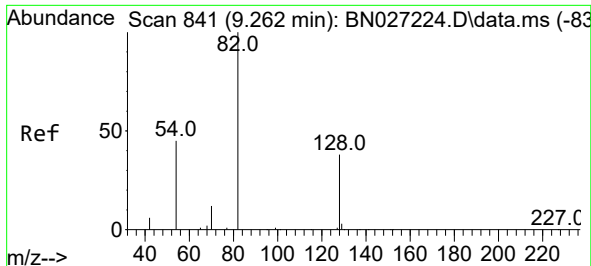


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.895 min Scan# 994  
Delta R.T. -0.000 min  
Lab File: BN027278.D  
Acq: 30 Aug 2023 16:44



Tgt Ion: 136 Resp: 11899  
Ion Ratio Lower Upper  
136 100  
137 11.9 9.3 13.9  
54 7.6 6.7 10.1  
68 6.5 6.1 9.1

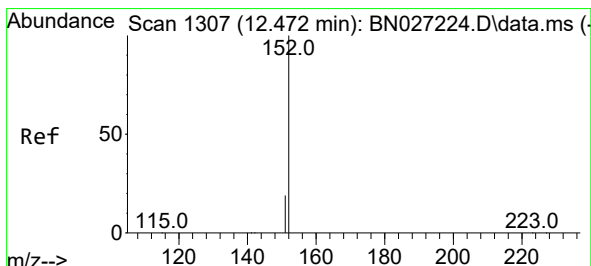
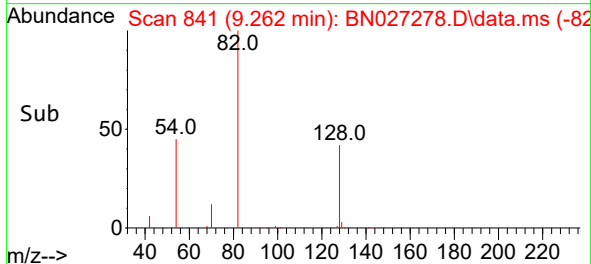
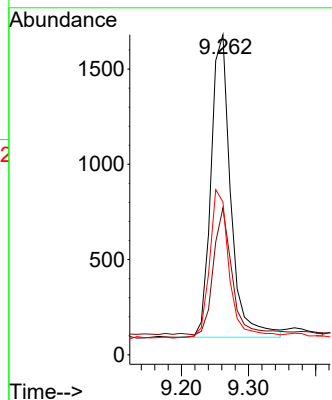
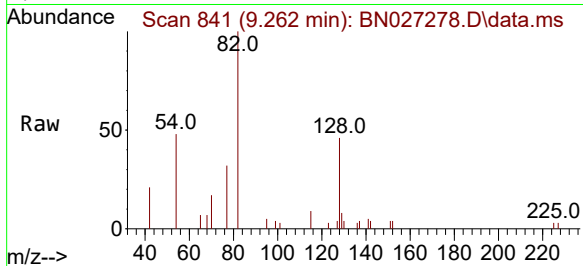




#8  
Nitrobenzene-d5  
Concen: 0.374 ng  
RT: 9.262 min Scan# 841  
Delta R.T. -0.000 min  
Lab File: BN027278.D  
Acq: 30 Aug 2023 16:44

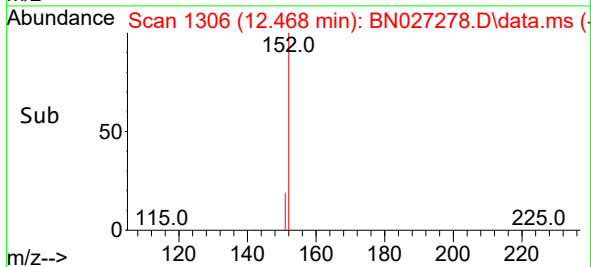
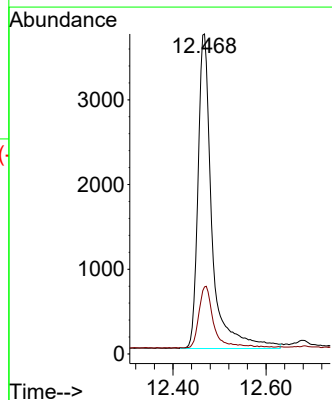
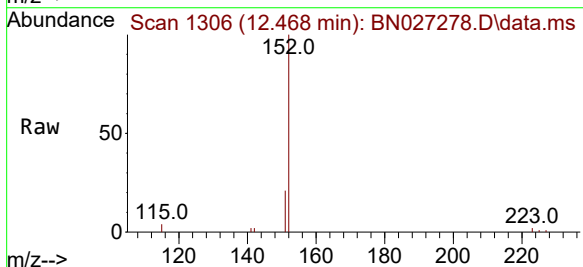
Instrument :  
BNA\_N  
ClientSampleId :  
RW9-MW01D2-20230822

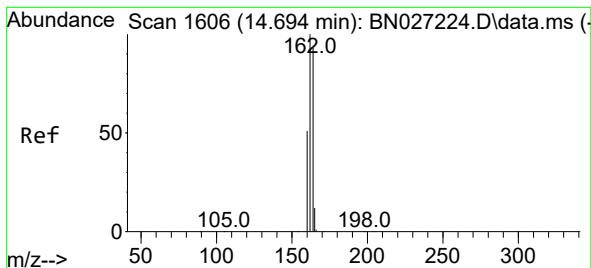
Tgt Ion: 82 Resp: 3241  
Ion Ratio Lower Upper  
82 100  
128 45.9 33.4 50.0  
54 47.8 37.7 56.5



#11  
2-Methylnaphthalene-d10  
Concen: 0.443 ng  
RT: 12.468 min Scan# 1306  
Delta R.T. -0.004 min  
Lab File: BN027278.D  
Acq: 30 Aug 2023 16:44

Tgt Ion: 152 Resp: 7746  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.694 min Scan# 1606

Delta R.T. -0.000 min

Lab File: BN027278.D

Acq: 30 Aug 2023 16:44

Instrument :

BNA\_N

ClientSampleId :

RW9-MW01D2-20230822

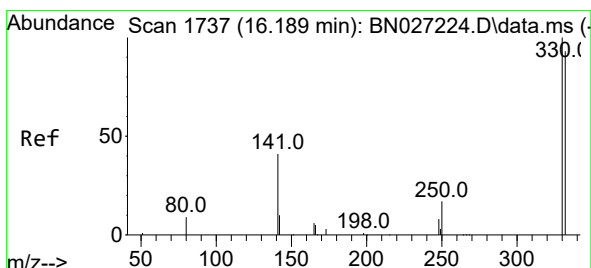
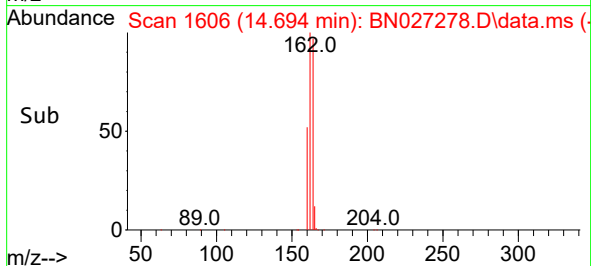
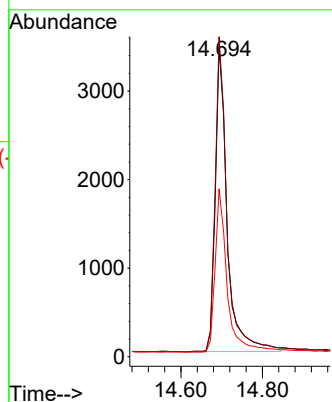
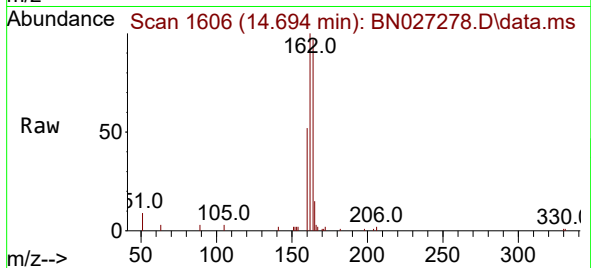
Tgt Ion:164 Resp: 6948

Ion Ratio Lower Upper

164 100

162 103.4 85.8 128.8

160 54.2 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.481 ng

RT: 16.189 min Scan# 1737

Delta R.T. -0.000 min

Lab File: BN027278.D

Acq: 30 Aug 2023 16:44

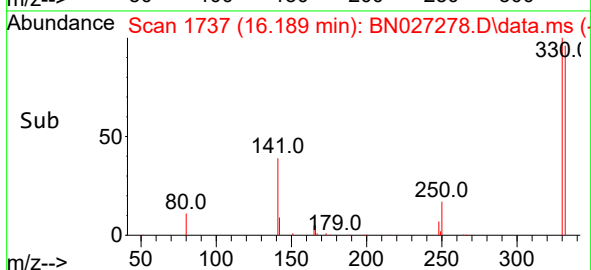
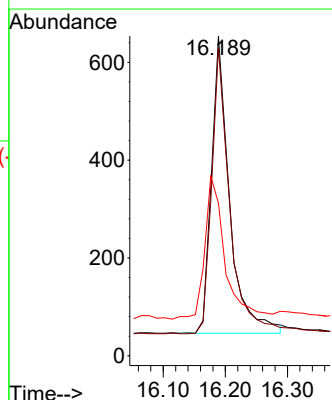
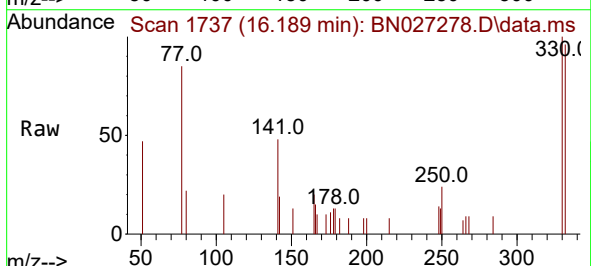
Tgt Ion:330 Resp: 1236

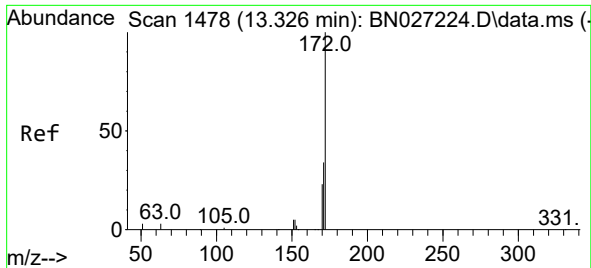
Ion Ratio Lower Upper

330 100

332 95.5 75.2 112.8

141 53.3 36.2 54.4

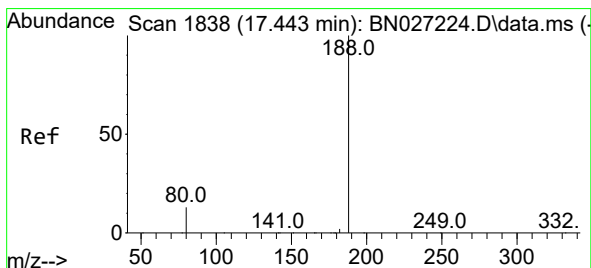
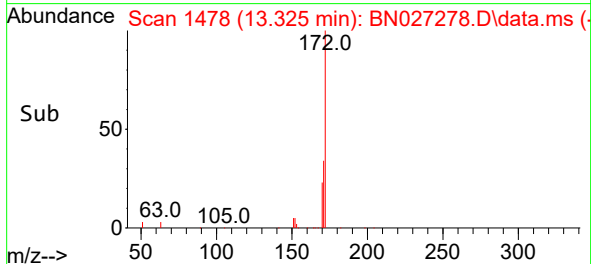
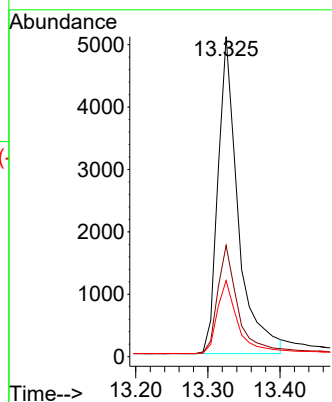
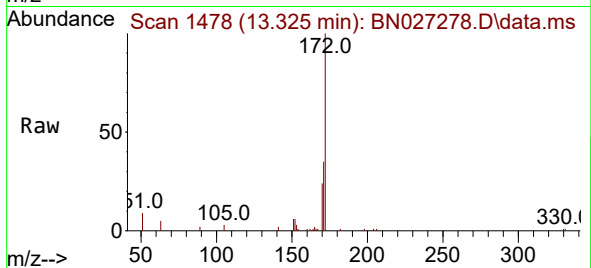




#15  
2-Fluorobiphenyl  
Concen: 0.373 ng  
RT: 13.325 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: BN027278.D  
Acq: 30 Aug 2023 16:44

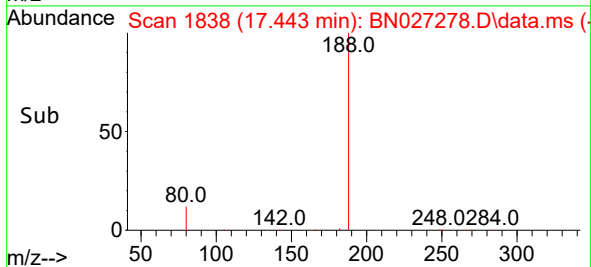
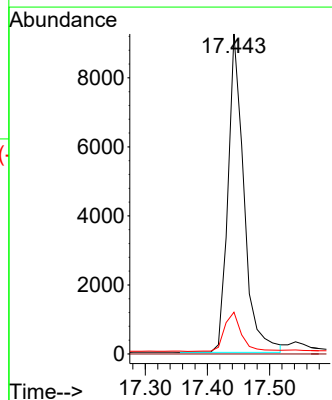
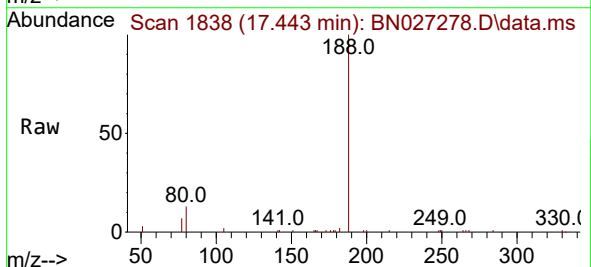
Instrument :  
BNA\_N  
ClientSampleId :  
RW9-MW01D2-20230822

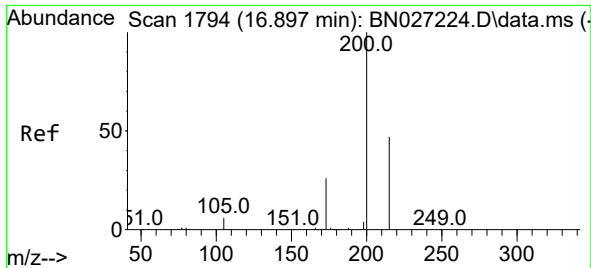
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|-------------|-------|-------------|
| Tgt Ion:172 | Resp: | 9860        |
| Ion         | Ratio | Lower Upper |
| 172         | 100   |             |
| 171         | 34.7  | 27.8 41.8   |
| 170         | 23.8  | 19.3 28.9   |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.443 min Scan# 1838  
Delta R.T. -0.000 min  
Lab File: BN027278.D  
Acq: 30 Aug 2023 16:44

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:188 | Resp: | 16415       |
| Ion         | Ratio | Lower Upper |
| 188         | 100   |             |
| 94          | 0.0   | 0.0 0.0     |
| 80          | 13.0  | 11.0 16.6   |

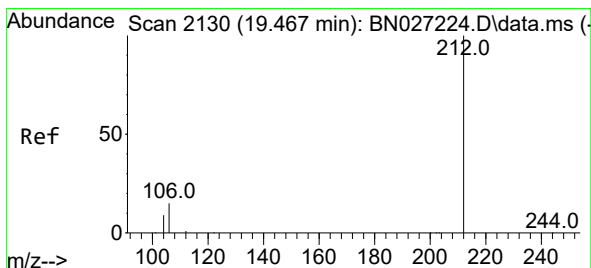
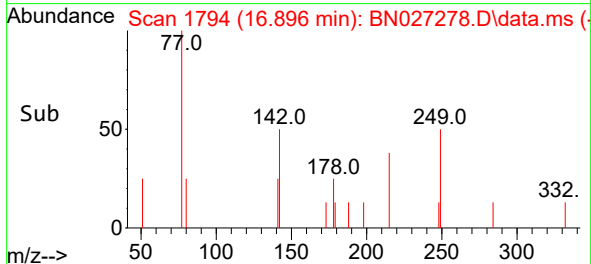
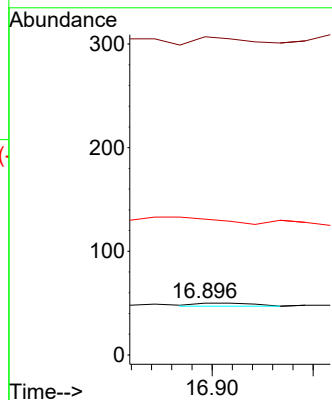
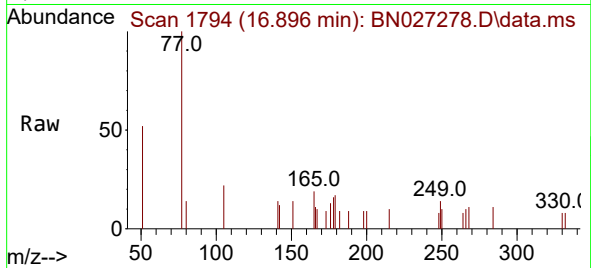




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.026 ng  
RT: 16.896 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN027278.D  
Acq: 30 Aug 2023 16:44

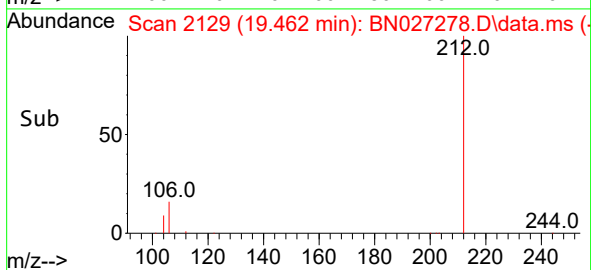
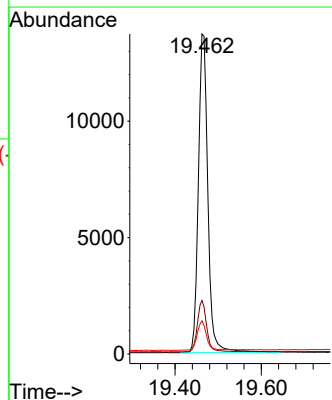
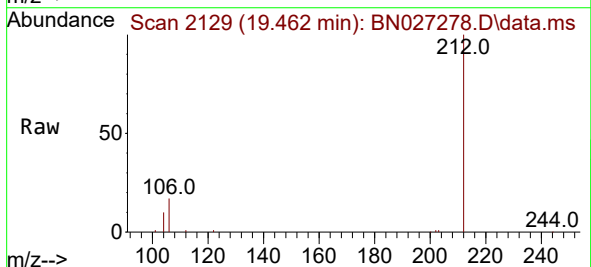
Instrument :  
BNA\_N  
ClientSampleId :  
RW9-MW01D2-20230822

Tgt Ion:198 Resp: 6  
Ion Ratio Lower Upper  
198 100  
51 614.0 282.2 423.2#  
105 262.0 168.7 253.1#

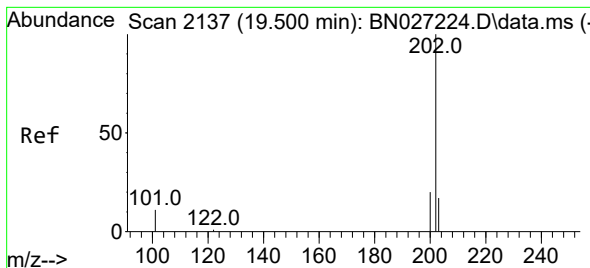


#27  
Fluoranthene-d10  
Concen: 0.515 ng  
RT: 19.462 min Scan# 2129  
Delta R.T. -0.005 min  
Lab File: BN027278.D  
Acq: 30 Aug 2023 16:44

Tgt Ion:212 Resp: 21020  
Ion Ratio Lower Upper  
212 100  
106 15.6 12.1 18.1  
104 9.1 6.9 10.3







#28

Fluoranthene

Concen: 0.021 ng

RT: 19.495 min Scan# 2136

Delta R.T. -0.005 min

Lab File: BN027278.D

Acq: 30 Aug 2023 16:44

Instrument :

BNA\_N

ClientSampleId :

RW9-MW01D2-20230822

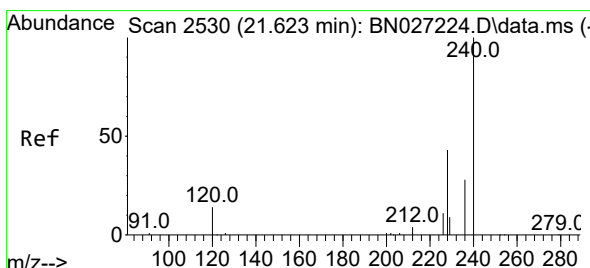
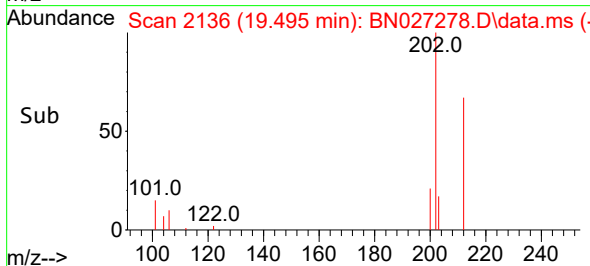
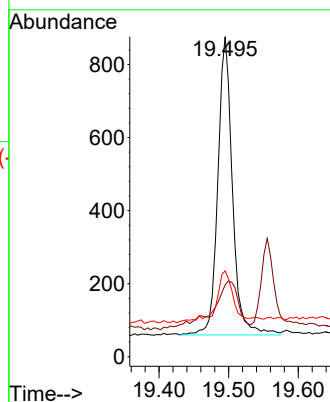
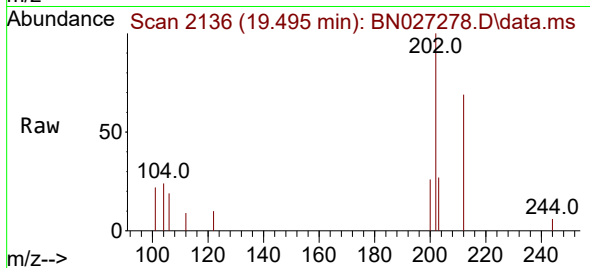
Tgt Ion:202 Resp: 1190

Ion Ratio Lower Upper

202 100

101 20.0 9.6 14.4#

203 20.5 13.6 20.4#



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.623 min Scan# 2530

Delta R.T. -0.000 min

Lab File: BN027278.D

Acq: 30 Aug 2023 16:44

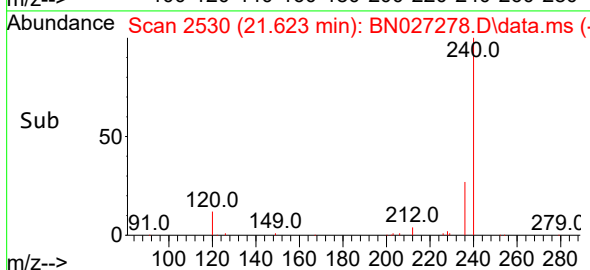
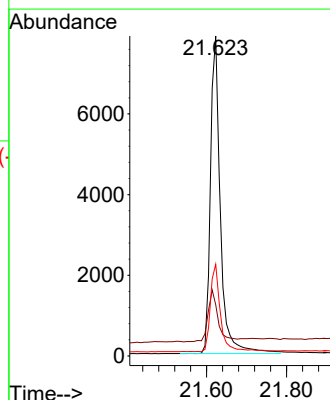
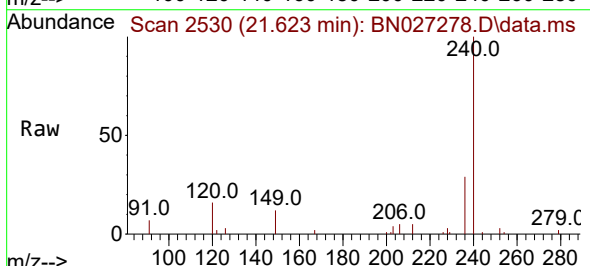
Tgt Ion:240 Resp: 13657

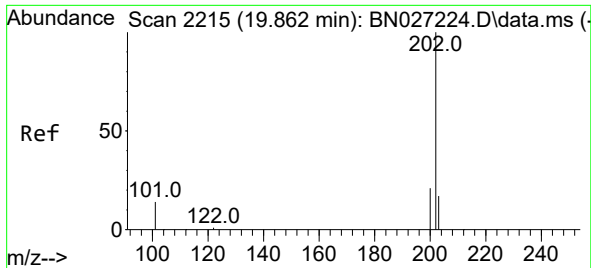
Ion Ratio Lower Upper

240 100

120 16.0 14.2 21.4

236 28.6 22.9 34.3

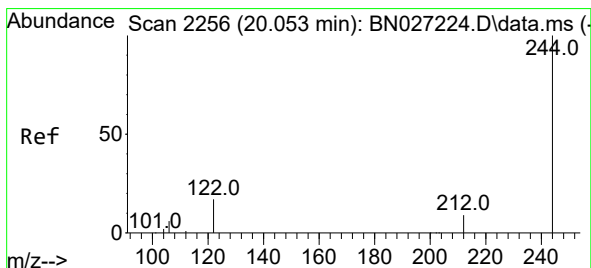
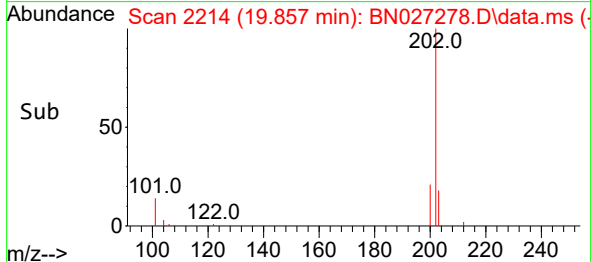
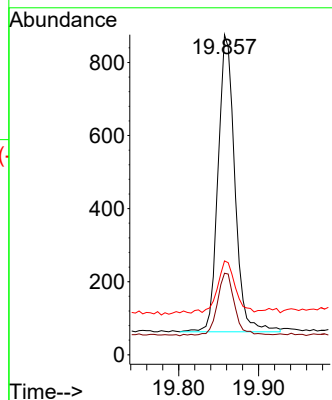
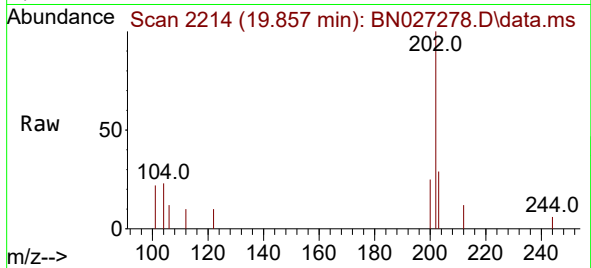




#30  
Pyrene  
Concen: 0.022 ng  
RT: 19.857 min Scan# 211  
Delta R.T. -0.005 min  
Lab File: BN027278.D  
Acq: 30 Aug 2023 16:44

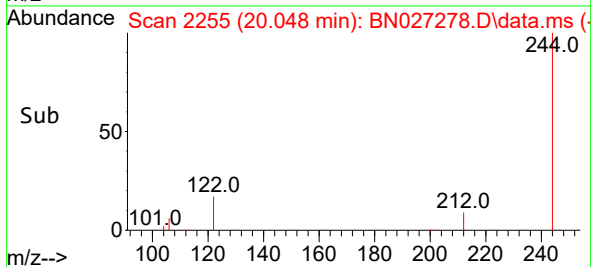
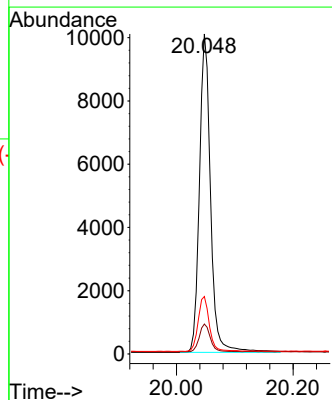
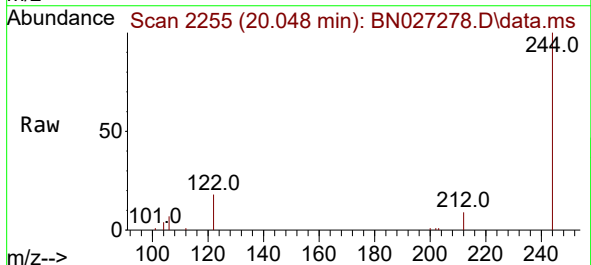
Instrument :  
BNA\_N  
ClientSampleId :  
RW9-MW01D2-20230822

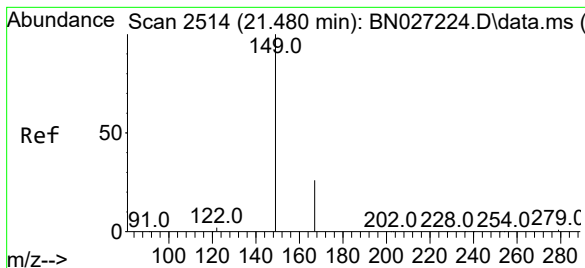
Tgt Ion:202 Resp: 1184  
Ion Ratio Lower Upper  
202 100  
200 22.3 16.6 25.0  
203 18.1 14.2 21.4



#31  
Terphenyl-d14  
Concen: 0.486 ng  
RT: 20.048 min Scan# 2255  
Delta R.T. -0.005 min  
Lab File: BN027278.D  
Acq: 30 Aug 2023 16:44

Tgt Ion:244 Resp: 13323  
Ion Ratio Lower Upper  
244 100  
212 9.3 7.5 11.3  
122 17.9 14.0 21.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.039 ng

RT: 21.479 min Scan# 2149

Delta R.T. -0.000 min

Lab File: BN027278.D

Acq: 30 Aug 2023 16:44

Instrument :

BNA\_N

ClientSampleId :

RW9-MW01D2-20230822

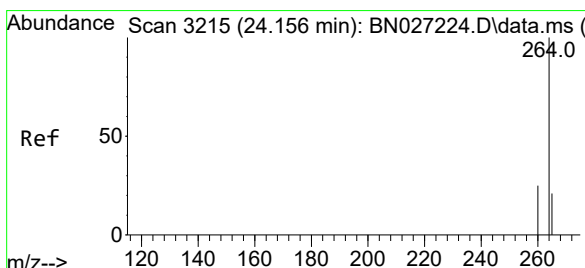
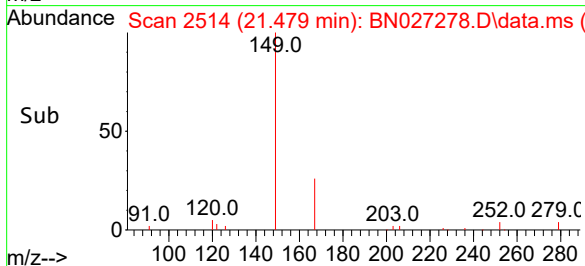
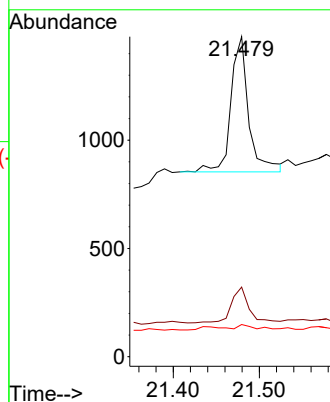
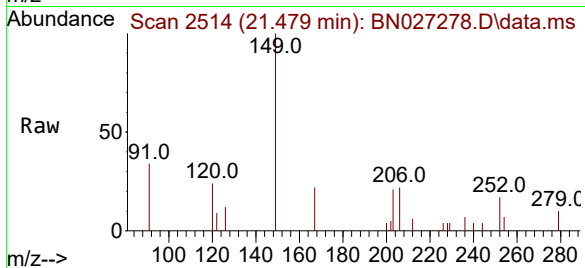
Tgt Ion:149 Resp: 892

Ion Ratio Lower Upper

149 100

167 26.6 22.1 33.1

279 2.7 2.7 4.1#



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.150 min Scan# 3213

Delta R.T. -0.006 min

Lab File: BN027278.D

Acq: 30 Aug 2023 16:44

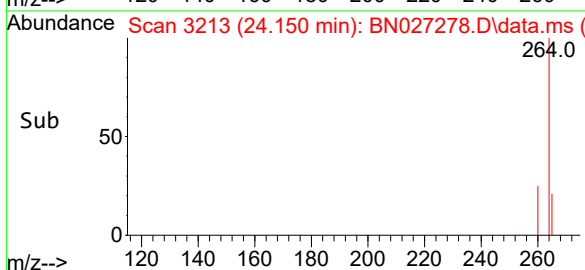
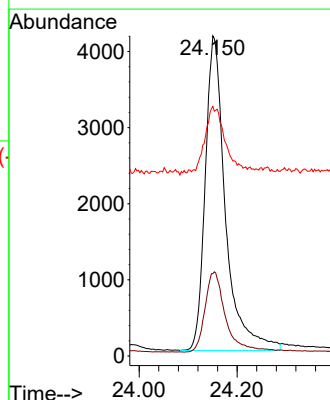
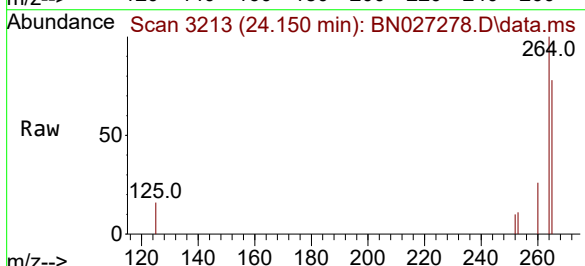
Tgt Ion:264 Resp: 11846

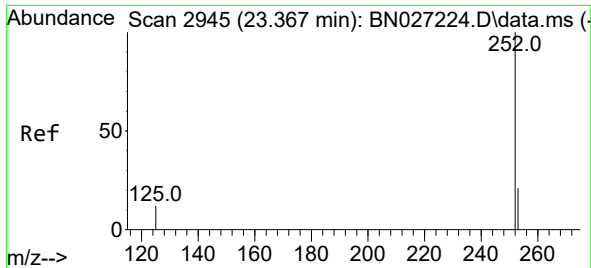
Ion Ratio Lower Upper

264 100

260 25.7 20.7 31.1

265 78.0 53.3 79.9





#37

Benzo(b)fluoranthene

Concen: 0.021 ng

RT: 23.367 min Scan# 2945

Delta R.T. -0.000 min

Lab File: BN027278.D

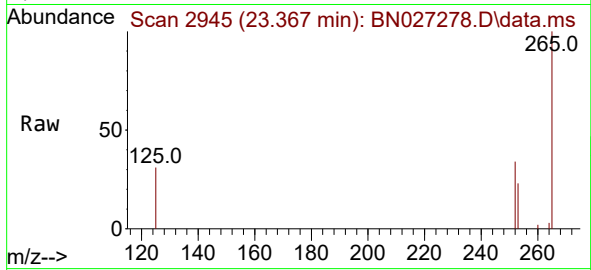
Acq: 30 Aug 2023 16:44

Instrument :

BNA\_N

ClientSampleId :

RW9-MW01D2-20230822



Tgt Ion:252 Resp: 983

Ion Ratio Lower Upper

252 100

253 68.4 19.9 29.9#

125 90.0 13.8 20.6#

