

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081723\  
 Data File : BN026943.D  
 Acq On : 17 Aug 2023 15:36  
 Operator : MA/JU  
 Sample : 04024-09  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW178S-20230815

Quant Time: Aug 18 03:12:27 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 16 15:56:02 2023  
 Response via : Initial Calibration

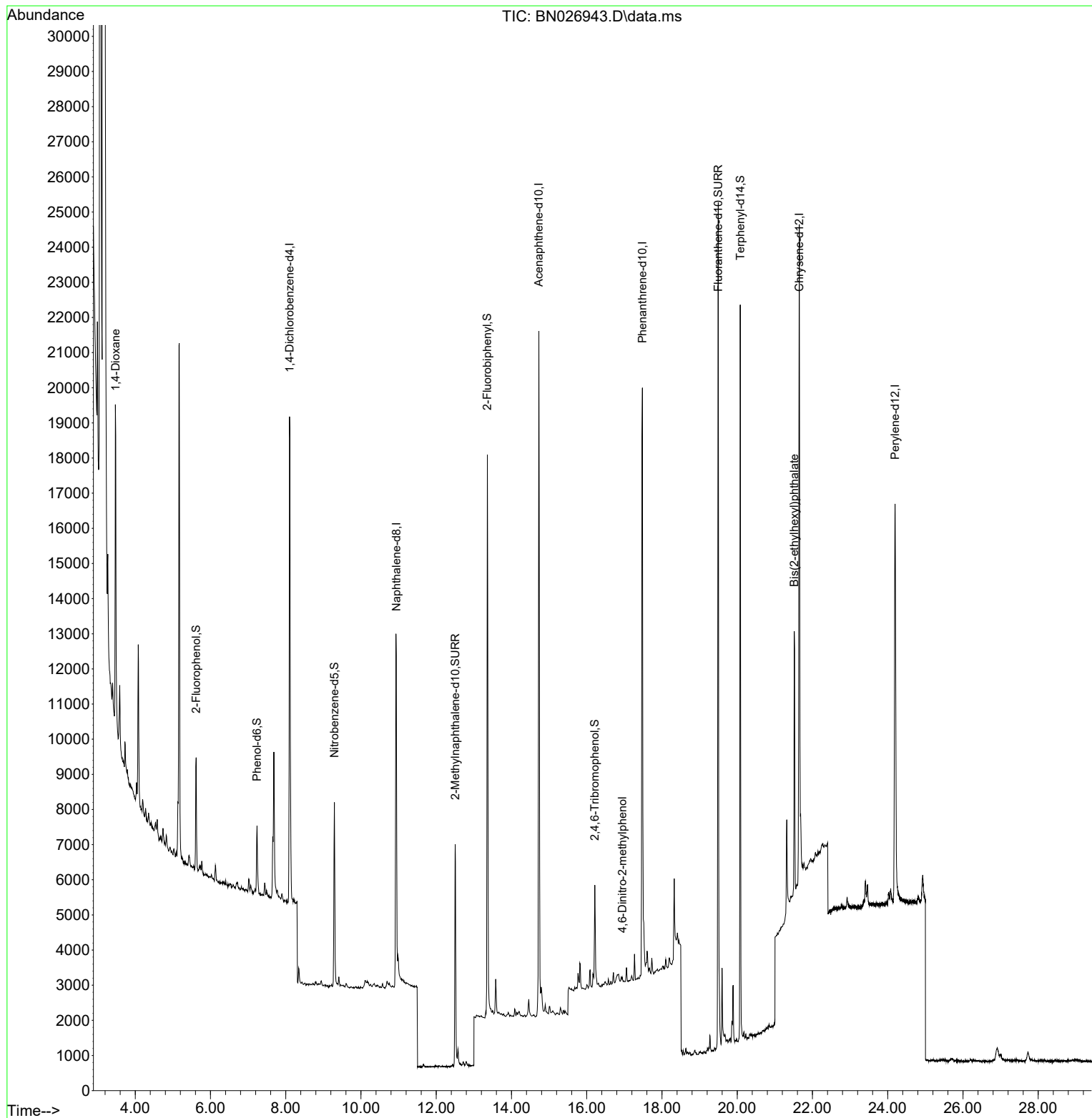
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.102  | 152  | 6989     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.938 | 136  | 16382    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.726 | 164  | 12059    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.480 | 188  | 27454    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.650 | 240  | 19754    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.195 | 264  | 18860    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.618  | 112  | 2789     | 0.142 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.236  | 99   | 2020     | 0.083 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.294  | 82   | 4480     | 0.324 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.506 | 152  | 9363     | 0.360 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.214 | 330  | 1850     | 0.288 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.358 | 172  | 15007    | 0.335 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.495 | 212  | 27026    | 0.384 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.080 | 244  | 21296    | 0.516 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.480  | 88   | 6790     | 0.903 | ng    | # 90     |
| 20) 4,6-Dinitro-2-methylph... | 16.946 | 198  | 27       | 0.063 | ng    | # 7      |
| 34) Bis(2-ethylhexyl)phtha... | 21.515 | 149  | 8022     | 0.156 | ng    | # 100    |
| -----                         |        |      |          |       |       |          |

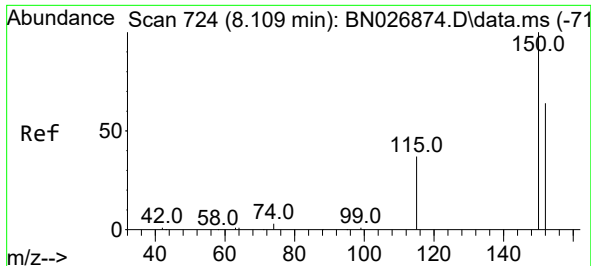
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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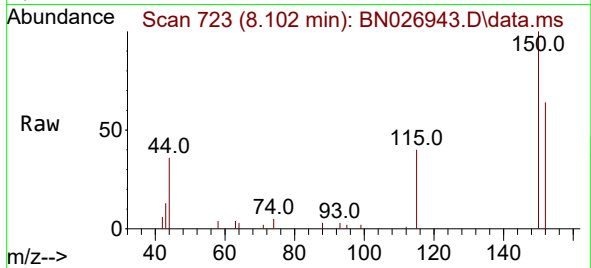
Quant Time: Aug 18 03:12:27 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 16 15:56:02 2023  
Response via : Initial Calibration



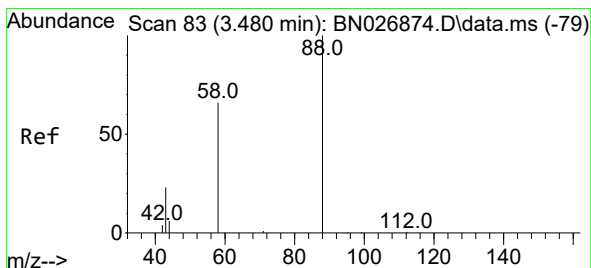
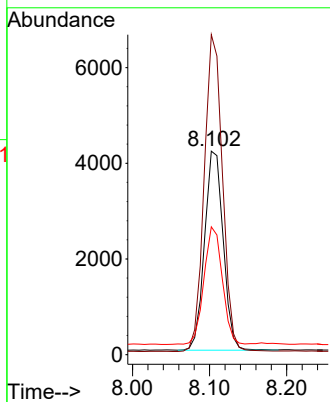
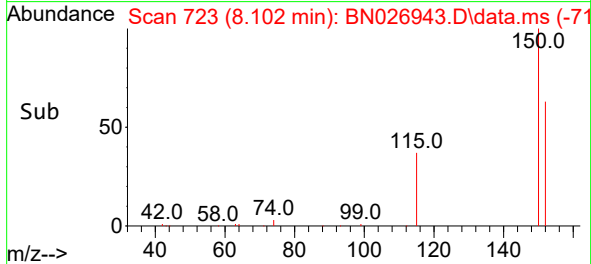


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.102 min Scan# 71  
 Delta R.T. -0.007 min  
 Lab File: BN026943.D  
 Acq: 17 Aug 2023 15:36

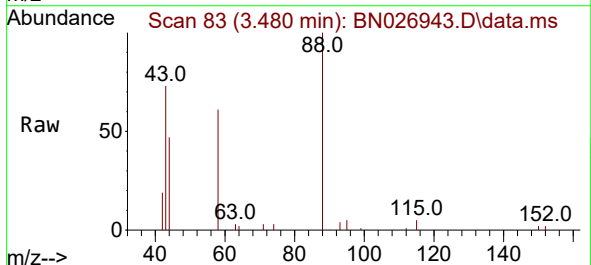
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW178S-20230815



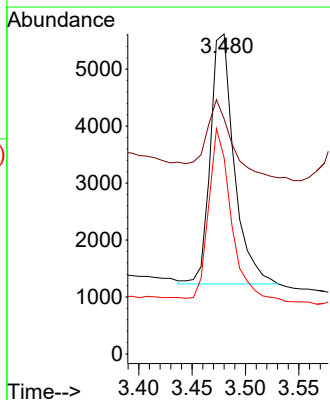
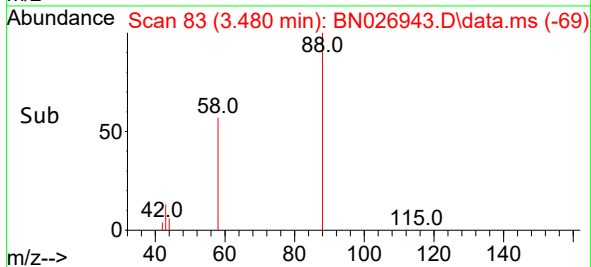
Tgt Ion:152 Resp: 6989  
 Ion Ratio Lower Upper  
 152 100  
 150 157.2 123.8 185.6  
 115 62.8 49.7 74.5

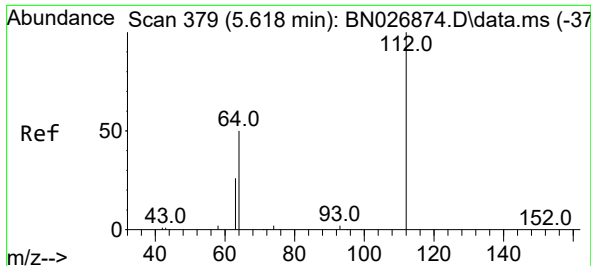


#2  
 1,4-Dioxane  
 Concen: 0.903 ng  
 RT: 3.480 min Scan# 83  
 Delta R.T. 0.000 min  
 Lab File: BN026943.D  
 Acq: 17 Aug 2023 15:36



Tgt Ion: 88 Resp: 6790  
 Ion Ratio Lower Upper  
 88 100  
 43 33.9 19.2 28.8#  
 58 62.4 54.5 81.7

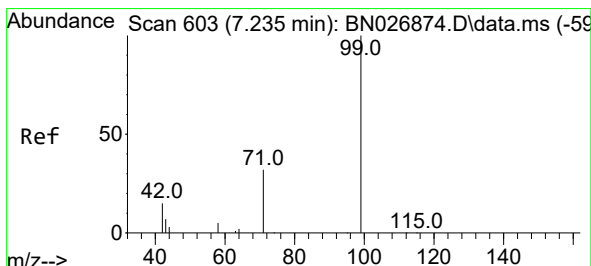
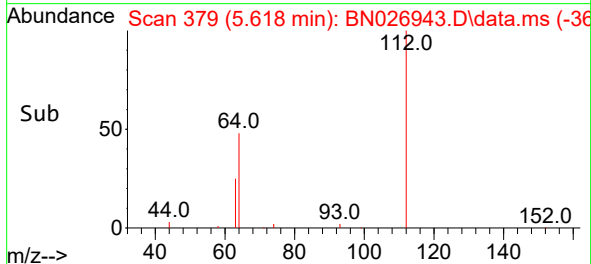
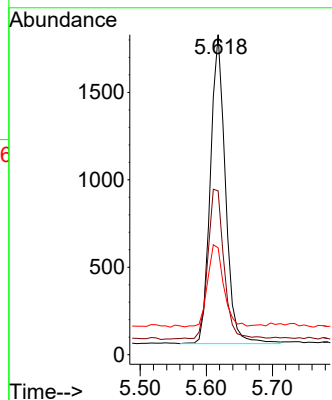
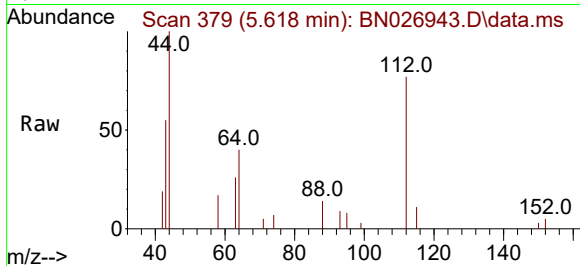




#4  
2-Fluorophenol  
Concen: 0.142 ng  
RT: 5.618 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BN026943.D  
Acq: 17 Aug 2023 15:36

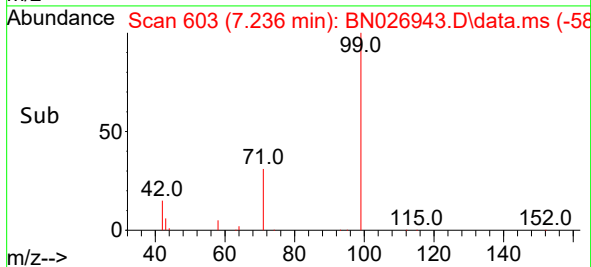
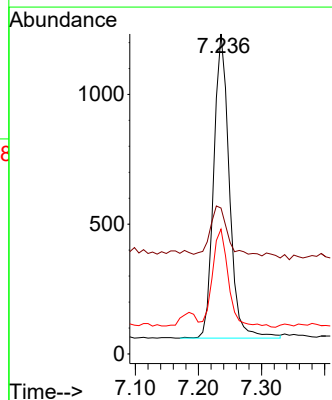
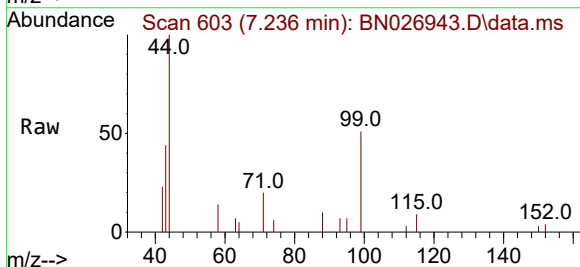
Instrument :  
BNA\_N  
ClientSampleId :  
MW178S-20230815

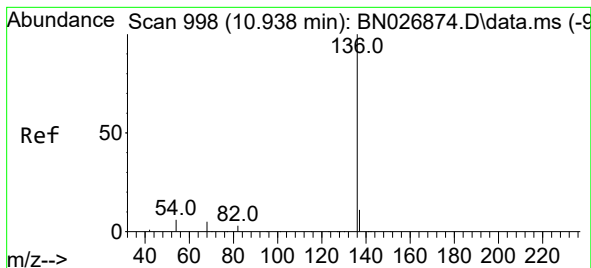
Tgt Ion: 112 Resp: 2789  
Ion Ratio Lower Upper  
112 100  
64 51.9 41.5 62.3  
63 28.4 21.7 32.5



#5  
Phenol-d6  
Concen: 0.083 ng  
RT: 7.236 min Scan# 603  
Delta R.T. 0.000 min  
Lab File: BN026943.D  
Acq: 17 Aug 2023 15:36

Tgt Ion: 99 Resp: 2020  
Ion Ratio Lower Upper  
99 100  
42 18.0 13.6 20.4  
71 33.2 26.0 39.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.938 min Scan# 998

Delta R.T. 0.000 min

Lab File: BN026943.D

Acq: 17 Aug 2023 15:36

Instrument :

BNA\_N

ClientSampleId :

MW178S-20230815

Tgt Ion:136 Resp: 16382

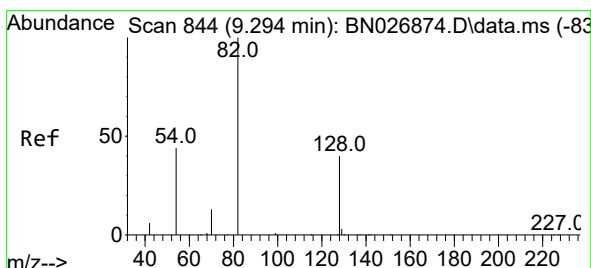
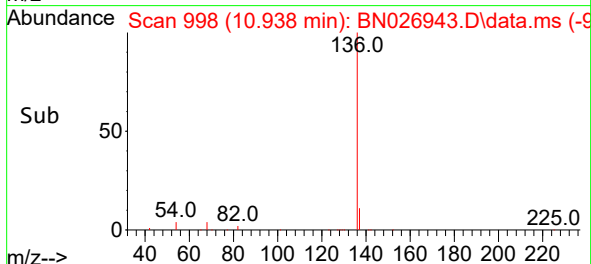
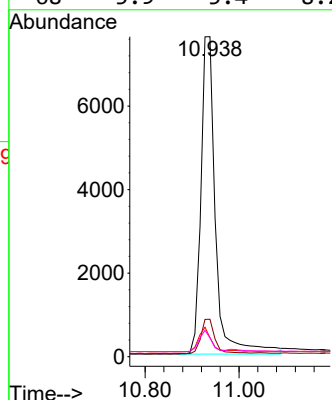
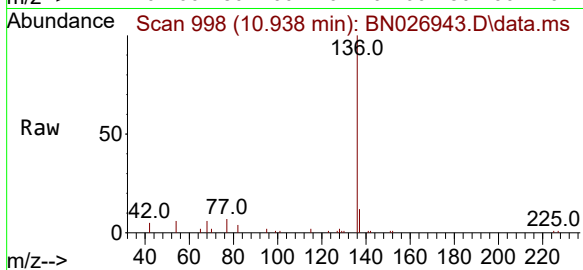
Ion Ratio Lower Upper

136 100

137 11.7 9.0 13.6

54 5.9 5.5 8.3

68 5.9 5.4 8.2



#8

Nitrobenzene-d5

Concen: 0.324 ng

RT: 9.294 min Scan# 844

Delta R.T. 0.000 min

Lab File: BN026943.D

Acq: 17 Aug 2023 15:36

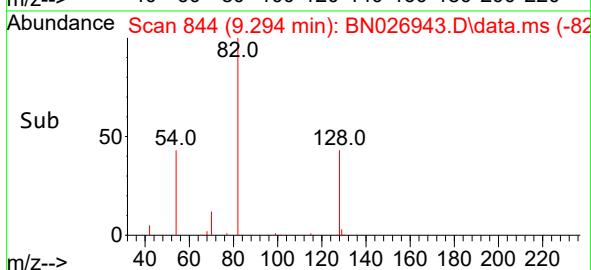
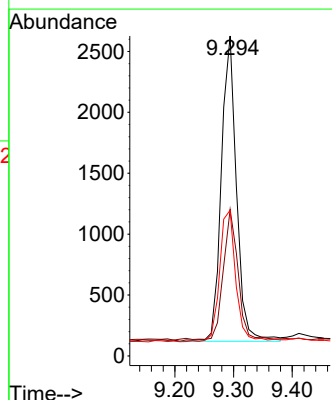
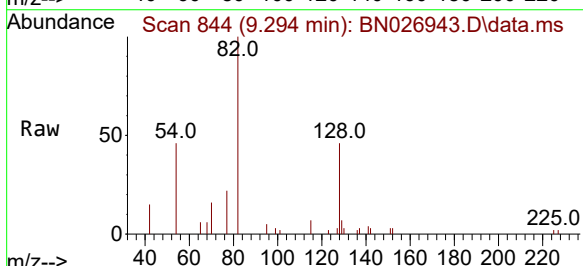
Tgt Ion: 82 Resp: 4480

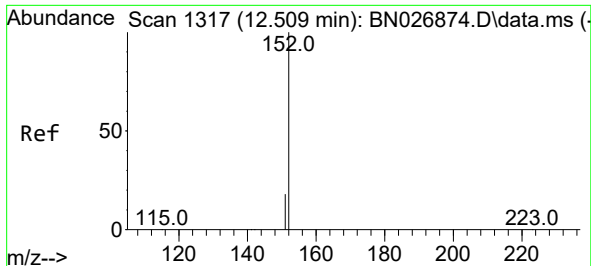
Ion Ratio Lower Upper

82 100

128 45.8 34.1 51.1

54 45.6 37.0 55.4





#11

2-Methylnaphthalene-d10

Concen: 0.360 ng

RT: 12.506 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN026943.D

Acq: 17 Aug 2023 15:36

Instrument :

BNA\_N

ClientSampleId :

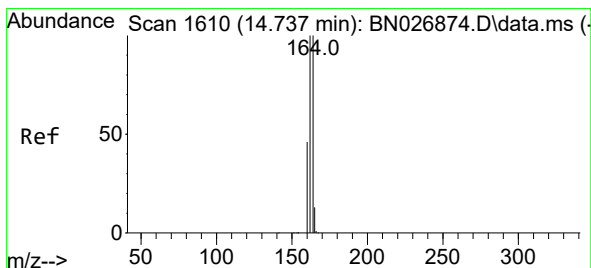
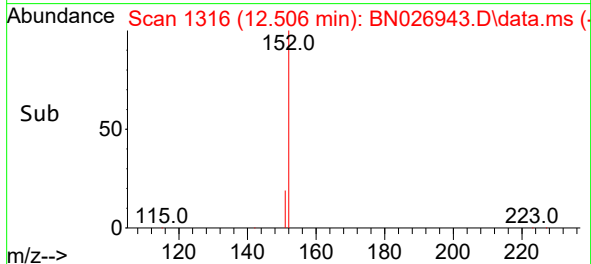
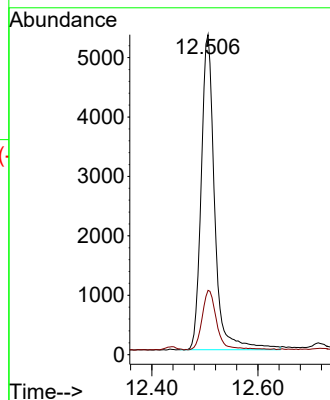
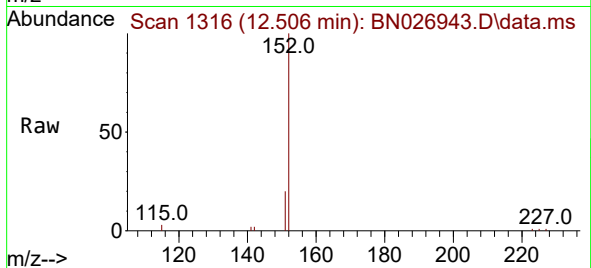
MW178S-20230815

Tgt Ion:152 Resp: 9363

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.726 min Scan# 1609

Delta R.T. 0.000 min

Lab File: BN026943.D

Acq: 17 Aug 2023 15:36

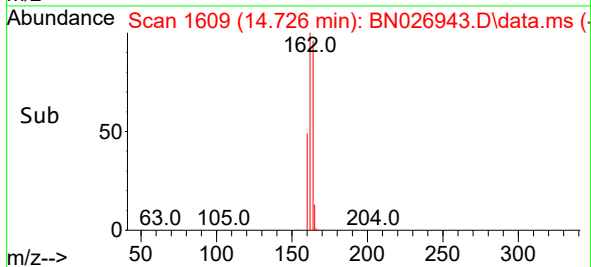
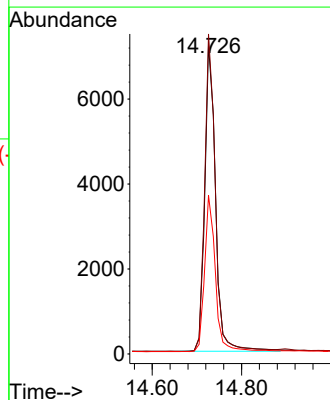
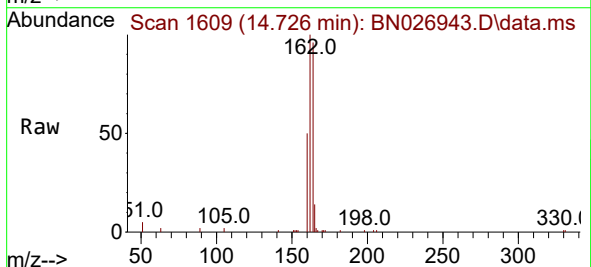
Tgt Ion:164 Resp: 12059

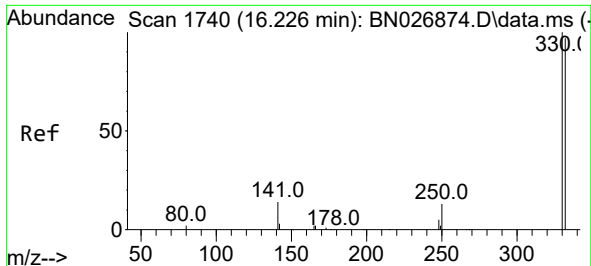
Ion Ratio Lower Upper

164 100

162 103.6 79.7 119.5

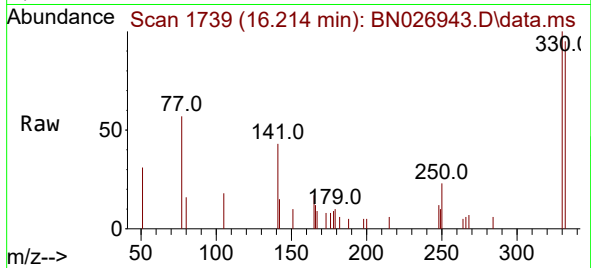
160 51.4 37.4 56.0



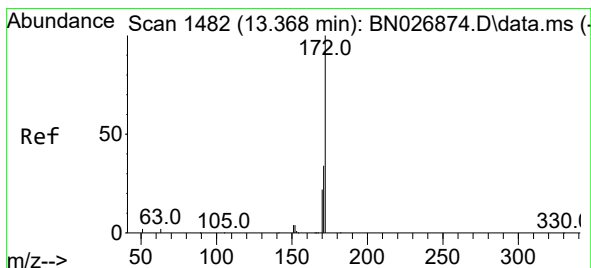
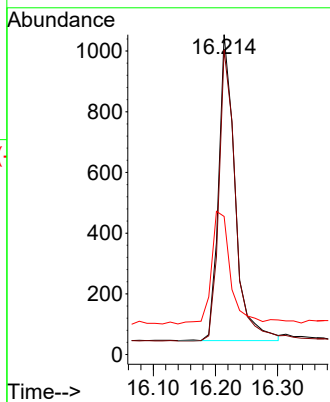
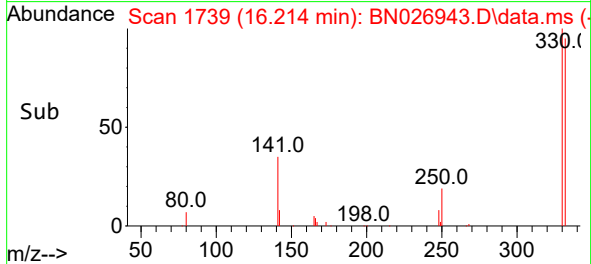


#14  
2,4,6-Tribromophenol  
Concen: 0.288 ng  
RT: 16.214 min Scan# 1739  
Delta R.T. 0.000 min  
Lab File: BN026943.D  
Acq: 17 Aug 2023 15:36

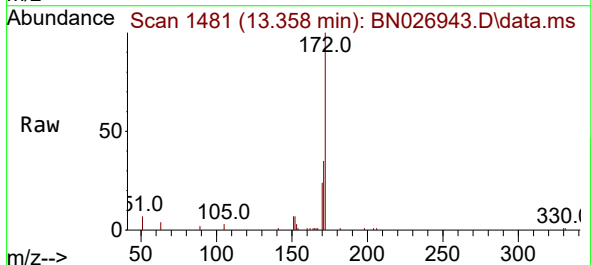
Instrument :  
BNA\_N  
ClientSampleId :  
MW178S-20230815



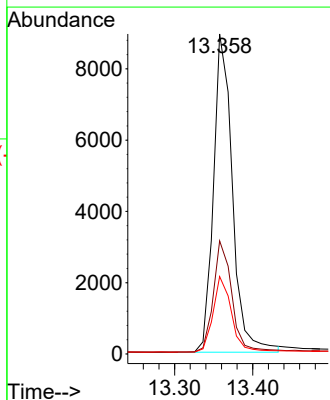
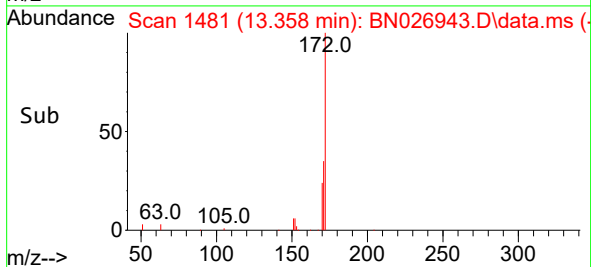
Tgt Ion: 330 Resp: 1850  
Ion Ratio Lower Upper  
330 100  
332 95.8 76.6 114.8  
141 43.6 32.3 48.5

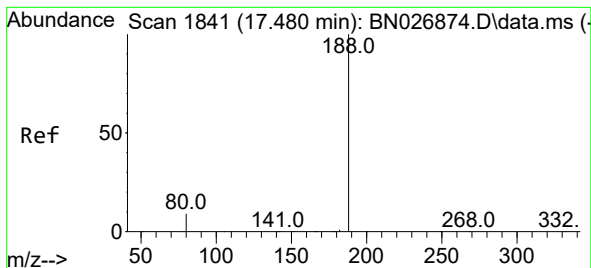


#15  
2-Fluorobiphenyl  
Concen: 0.335 ng  
RT: 13.358 min Scan# 1481  
Delta R.T. 0.000 min  
Lab File: BN026943.D  
Acq: 17 Aug 2023 15:36



Tgt Ion: 172 Resp: 15007  
Ion Ratio Lower Upper  
172 100  
171 35.4 27.4 41.0  
170 24.2 18.0 27.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.480 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN026943.D

Acq: 17 Aug 2023 15:36

Instrument :

BNA\_N

ClientSampleId :

MW178S-20230815

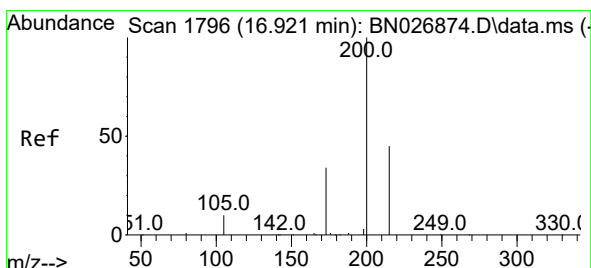
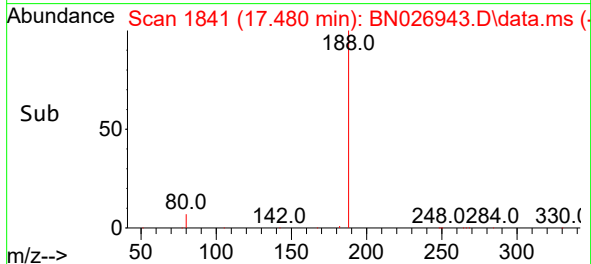
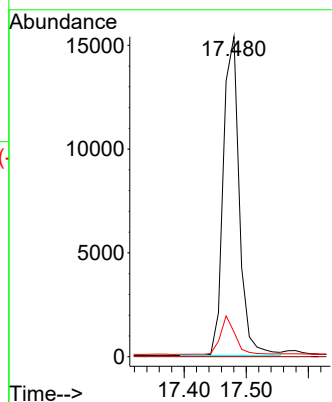
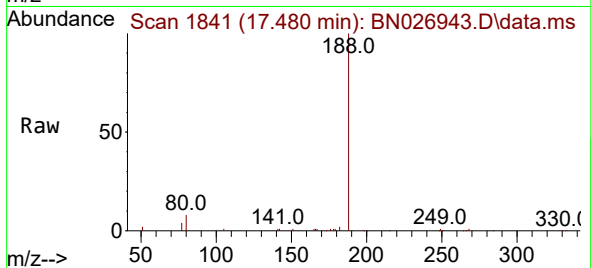
Tgt Ion:188 Resp: 27454

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.8 7.4 11.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.063 ng

RT: 16.946 min Scan# 1798

Delta R.T. 0.025 min

Lab File: BN026943.D

Acq: 17 Aug 2023 15:36

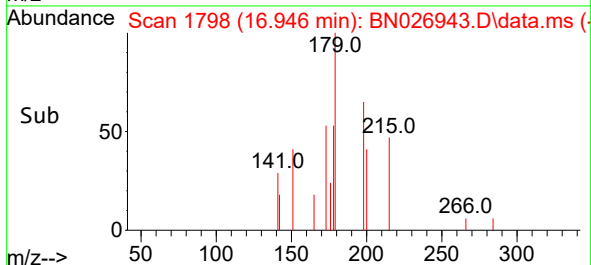
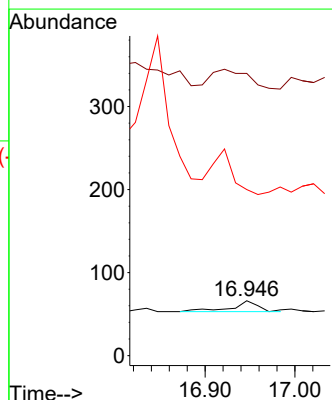
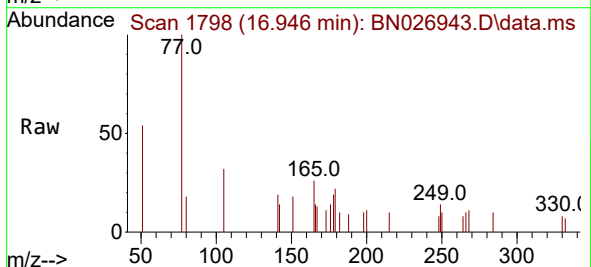
Tgt Ion:198 Resp: 27

Ion Ratio Lower Upper

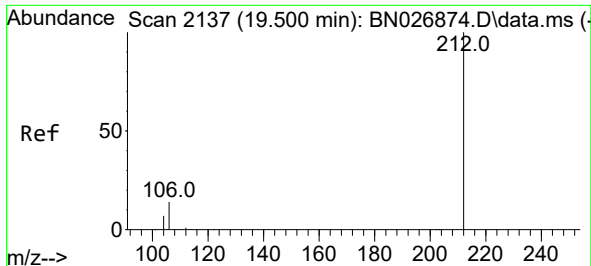
198 100

51 515.2 143.8 215.8#

105 303.0 273.5 410.3



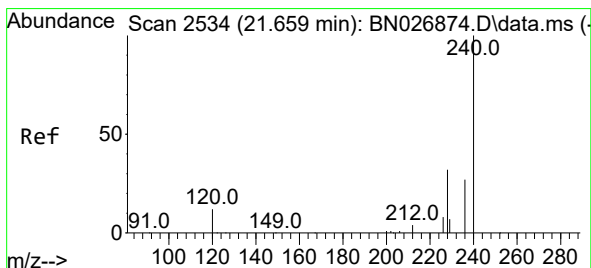
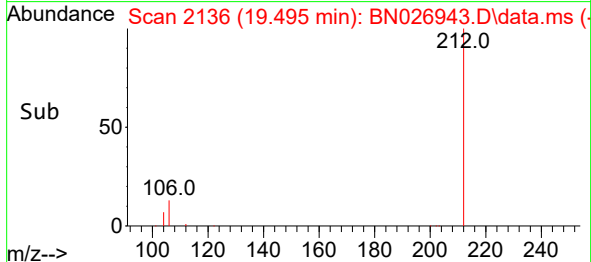
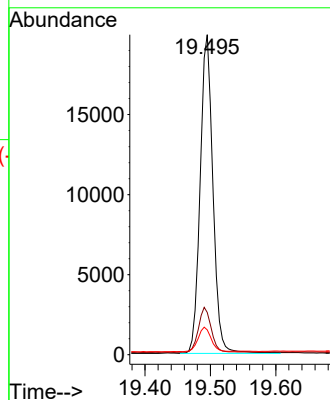
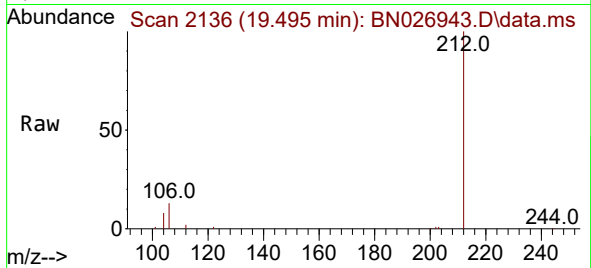




#27  
Fluoranthene-d10  
Concen: 0.384 ng  
RT: 19.495 min Scan# 2136  
Delta R.T. -0.005 min  
Lab File: BN026943.D  
Acq: 17 Aug 2023 15:36

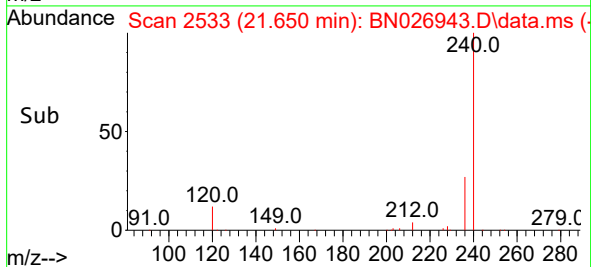
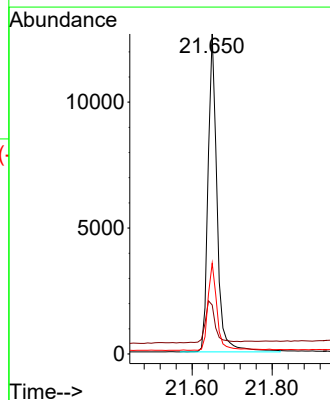
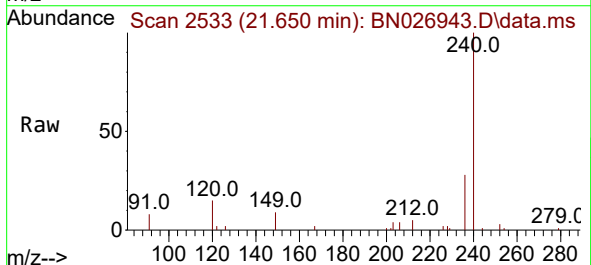
Instrument :  
BNA\_N  
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MW178S-20230815

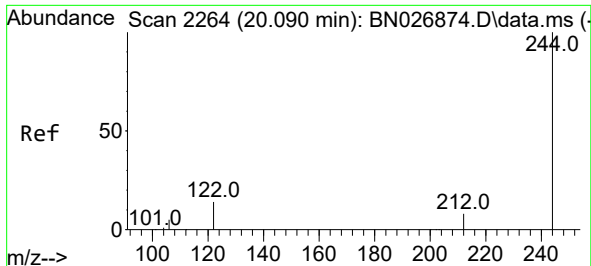
Tgt Ion:212 Resp: 27026  
Ion Ratio Lower Upper  
212 100  
106 14.3 10.9 16.3  
104 7.9 5.9 8.9



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.650 min Scan# 2533  
Delta R.T. -0.009 min  
Lab File: BN026943.D  
Acq: 17 Aug 2023 15:36

Tgt Ion:240 Resp: 19754  
Ion Ratio Lower Upper  
240 100  
120 15.3 11.1 16.7  
236 28.4 22.2 33.2

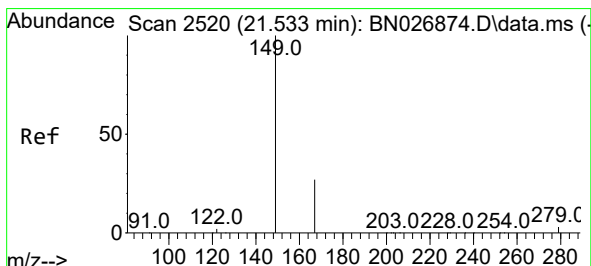
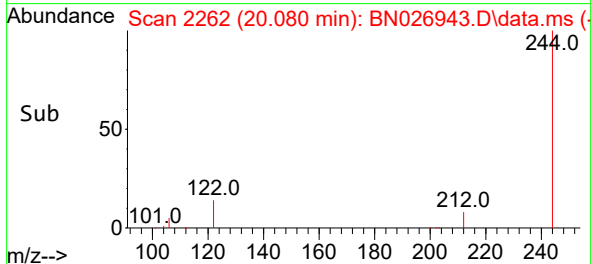
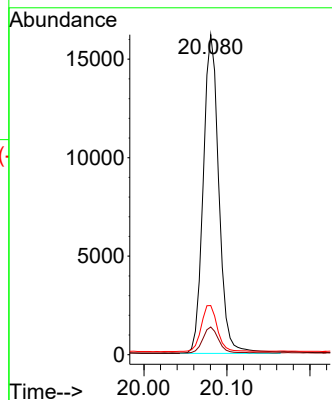
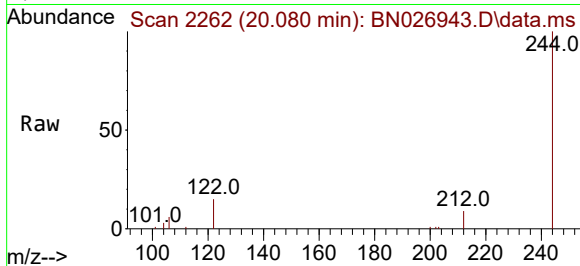




#31  
 Terphenyl-d14  
 Concen: 0.516 ng  
 RT: 20.080 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: BN026943.D  
 Acq: 17 Aug 2023 15:36

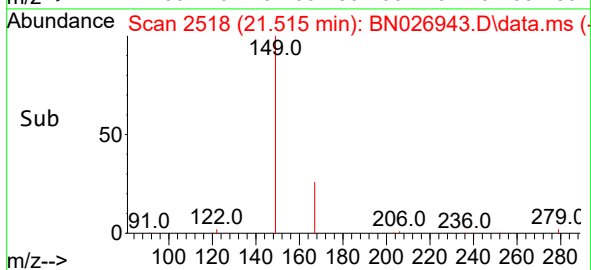
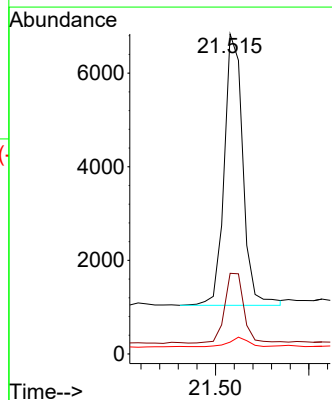
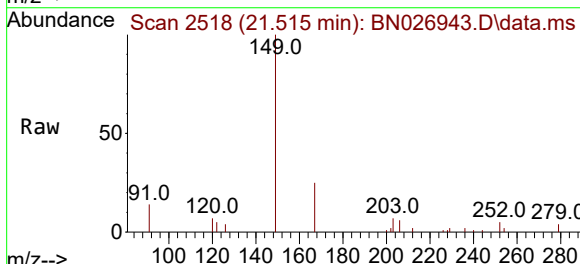
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW178S-20230815

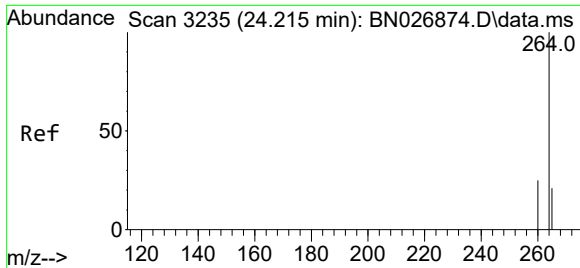
Tgt Ion:244 Resp: 21296  
 Ion Ratio Lower Upper  
 244 100  
 212 8.6 6.9 10.3  
 122 15.4 11.9 17.9



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.156 ng  
 RT: 21.515 min Scan# 2518  
 Delta R.T. -0.009 min  
 Lab File: BN026943.D  
 Acq: 17 Aug 2023 15:36

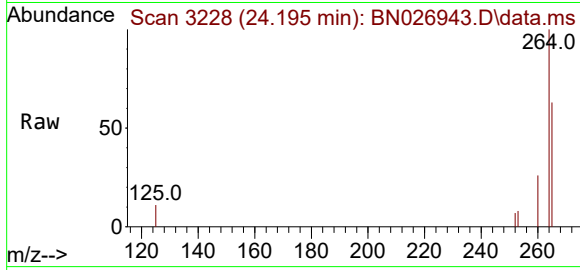
Tgt Ion:149 Resp: 8022  
 Ion Ratio Lower Upper  
 149 100  
 167 26.7 21.4 32.0  
 279 3.5 3.6 5.4#





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 24.195 min Scan# 31  
Delta R.T. -0.009 min  
Lab File: BN026943.D  
Acq: 17 Aug 2023 15:36

Instrument :  
BNA\_N  
ClientSampleId :  
MW178S-20230815



Tgt Ion:264 Resp: 18860  
Ion Ratio Lower Upper  
264 100  
260 26.0 20.4 30.6  
265 62.5 27.0 40.6#

