

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082523\  
 Data File : BN027167.D  
 Acq On : 26 Aug 2023 23:21  
 Operator : MA/JU  
 Sample : 04095-07  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GM38-RW3-MW1-20230818

Quant Time: Aug 26 23:49:43 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

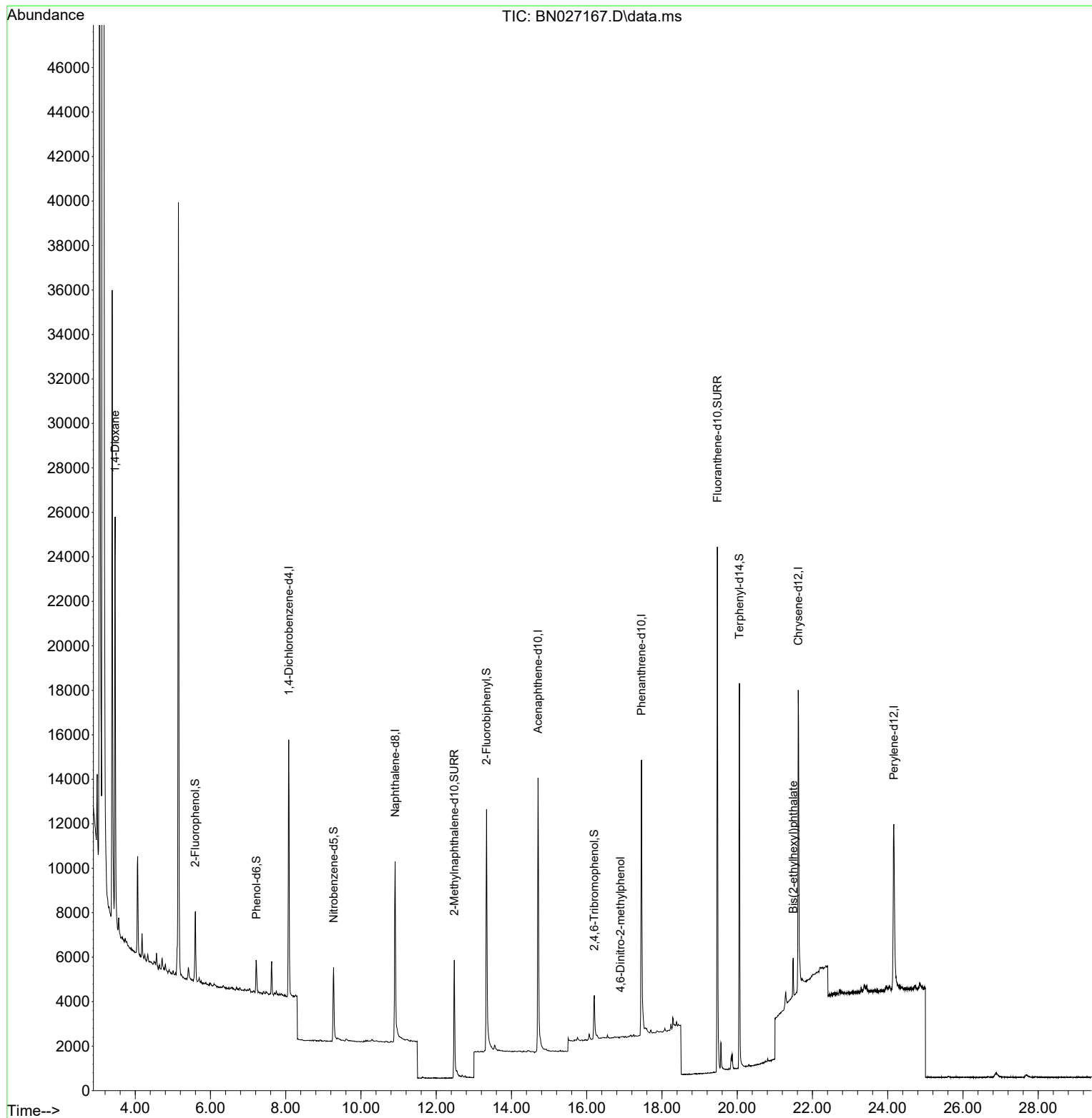
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.080  | 152  | 5778     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.906 | 136  | 13159    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.704 | 164  | 8534     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.455 | 188  | 19787    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.623 | 240  | 15673    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.162 | 264  | 13954    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.596  | 112  | 2596     | 0.159 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.221  | 99   | 1593     | 0.079 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.272  | 82   | 3274     | 0.294 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.479 | 152  | 8734     | 0.418 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.201 | 330  | 1494     | 0.329 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.336 | 172  | 11639    | 0.367 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.472 | 212  | 26416    | 0.521 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.057 | 244  | 17909    | 0.547 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.465  | 88   | 12805    | 2.061 | ng    | # 96     |
| 20) 4,6-Dinitro-2-methylph... | 16.897 | 198  | 8        | 0.026 | ng    | # 6      |
| 34) Bis(2-ethylhexyl)phtha... | 21.488 | 149  | 2160     | 0.053 | ng    | # 95     |
| -----                         |        |      |          |       |       |          |

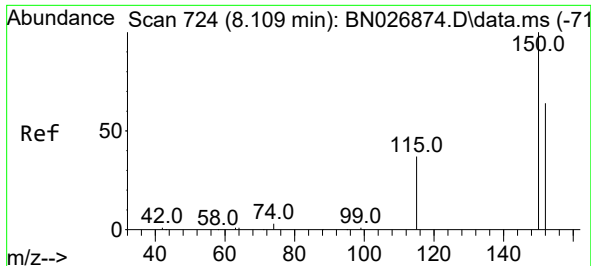
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082523\  
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GM38-RW3-MW1-20230818

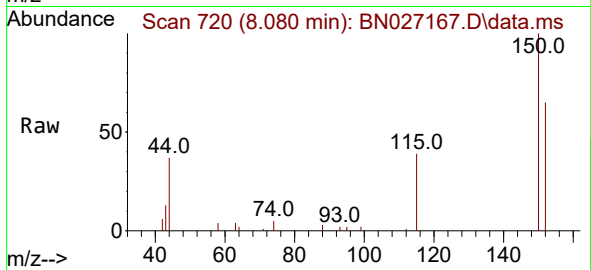
Quant Time: Aug 26 23:49:43 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Aug 26 02:13:59 2023  
Response via : Initial Calibration



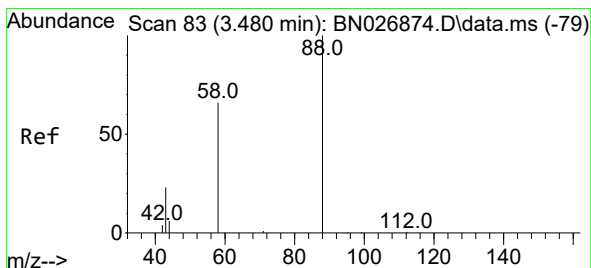
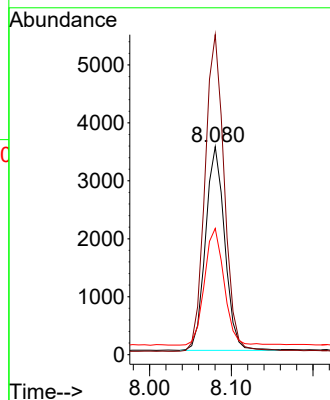
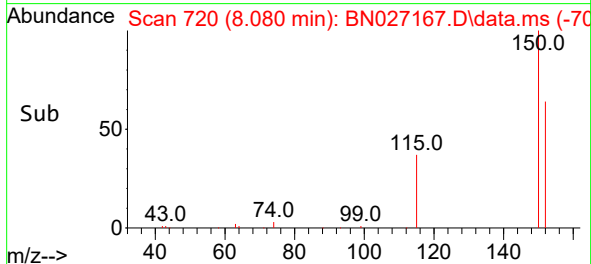


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.080 min Scan# 71  
Delta R.T. -0.008 min  
Lab File: BN027167.D  
Acq: 26 Aug 2023 23:21

Instrument :  
BNA\_N  
ClientSampleId :  
GM38-RW3-MW1-20230818

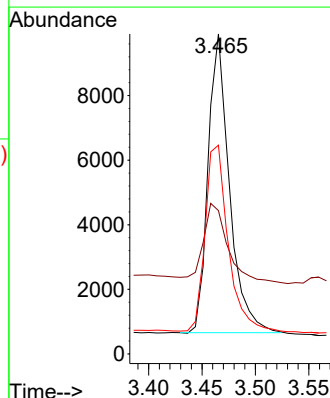
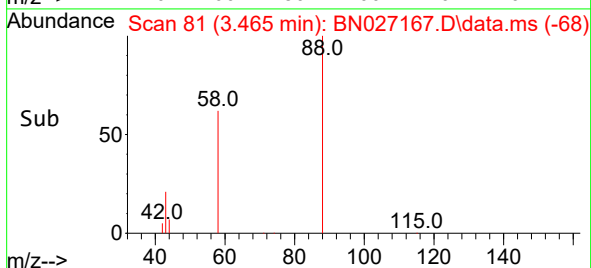
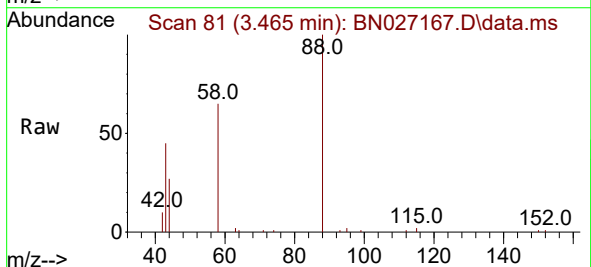


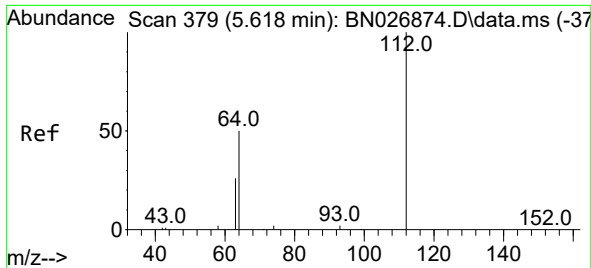
Tgt Ion:152 Resp: 5778  
Ion Ratio Lower Upper  
152 100  
150 153.9 123.8 185.6  
115 60.7 49.7 74.5



#2  
1,4-Dioxane  
Concen: 2.061 ng  
RT: 3.465 min Scan# 81  
Delta R.T. -0.007 min  
Lab File: BN027167.D  
Acq: 26 Aug 2023 23:21

Tgt Ion: 88 Resp: 12805  
Ion Ratio Lower Upper  
88 100  
43 30.2 19.2 28.8#  
58 67.2 54.5 81.7

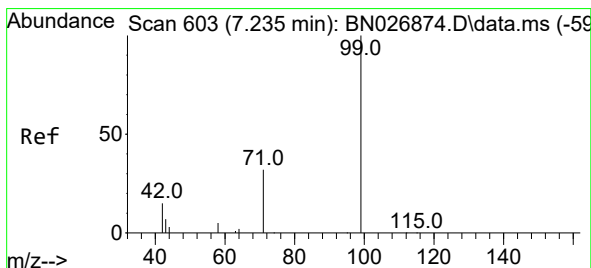
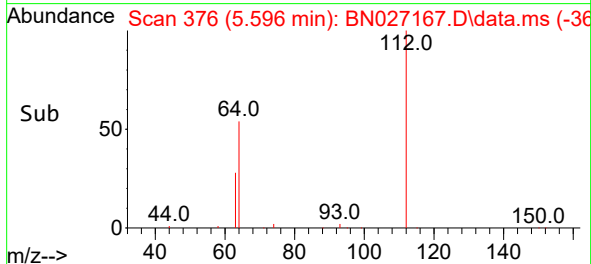
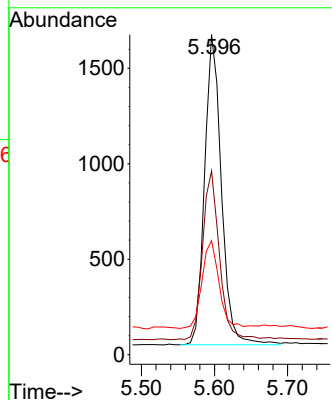
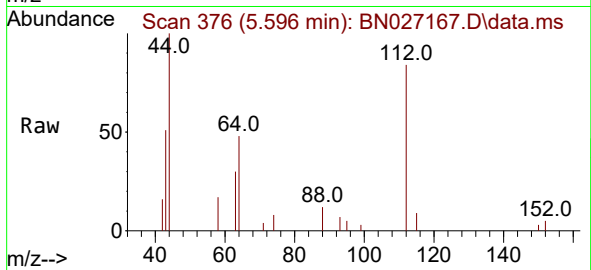




#4  
2-Fluorophenol  
Concen: 0.159 ng  
RT: 5.596 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: BN027167.D  
Acq: 26 Aug 2023 23:21

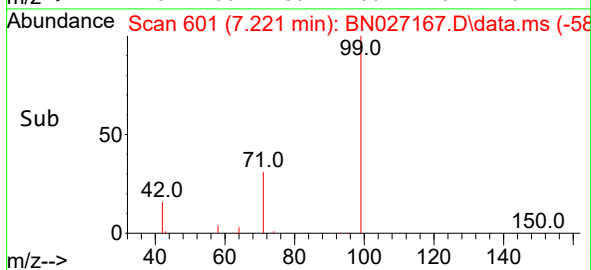
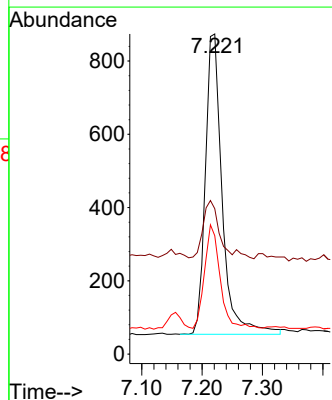
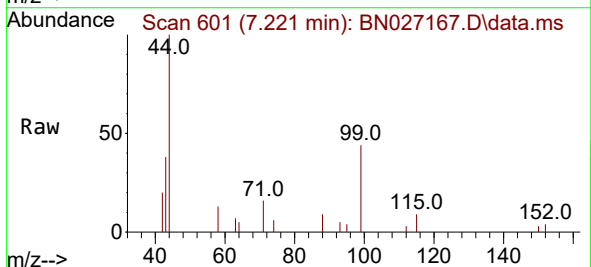
Instrument :  
BNA\_N  
ClientSampleId :  
GM38-RW3-MW1-20230818

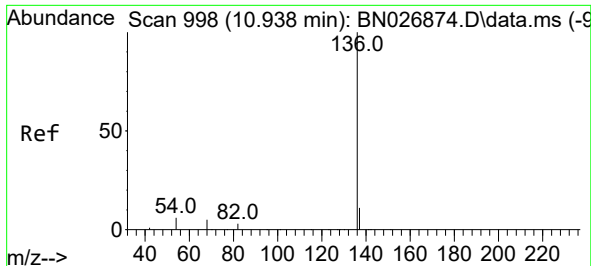
Tgt Ion:112 Resp: 2596  
Ion Ratio Lower Upper  
112 100  
64 54.5 41.5 62.3  
63 28.7 21.7 32.5



#5  
Phenol-d6  
Concen: 0.079 ng  
RT: 7.221 min Scan# 601  
Delta R.T. -0.000 min  
Lab File: BN027167.D  
Acq: 26 Aug 2023 23:21

Tgt Ion: 99 Resp: 1593  
Ion Ratio Lower Upper  
99 100  
42 17.2 13.6 20.4  
71 31.8 26.0 39.0

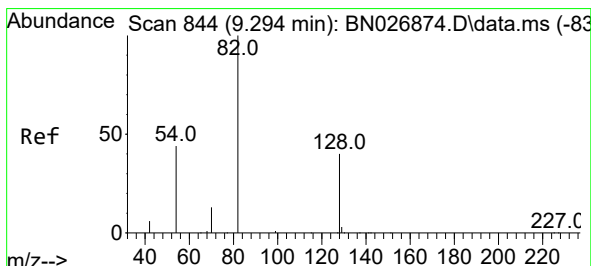
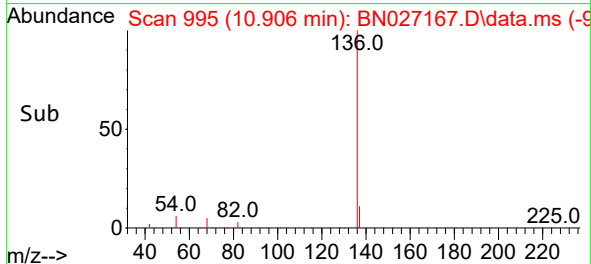
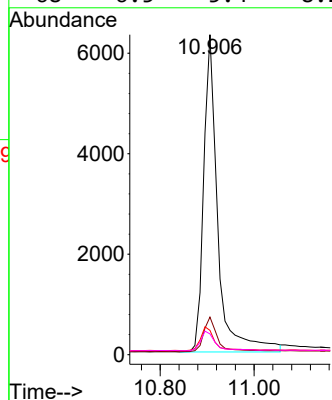
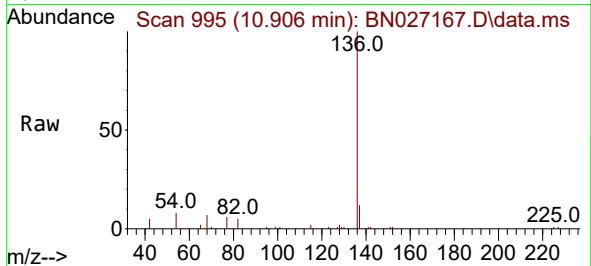




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.906 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: BN027167.D  
Acq: 26 Aug 2023 23:21

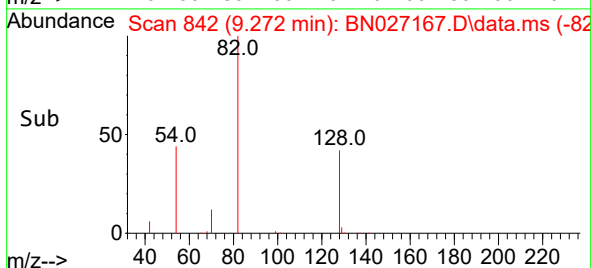
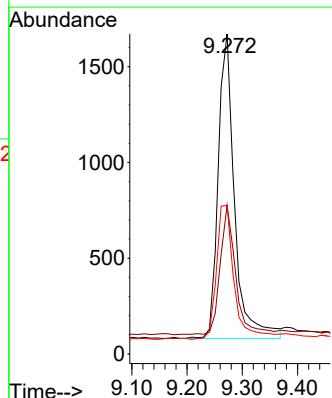
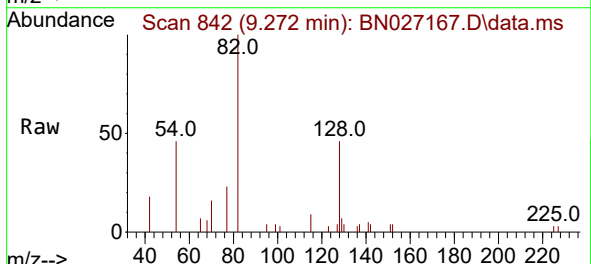
Instrument :  
BNA\_N  
ClientSampleId :  
GM38-RW3-MW1-20230818

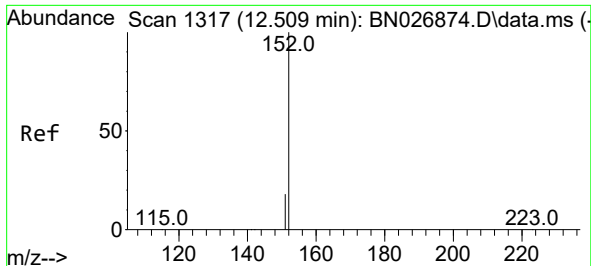
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 13159 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.8  | 9.0   | 13.6  |
| 54       | 7.6   | 5.5   | 8.3   |
| 68       | 6.5   | 5.4   | 8.2   |



#8  
Nitrobenzene-d5  
Concen: 0.294 ng  
RT: 9.272 min Scan# 842  
Delta R.T. -0.000 min  
Lab File: BN027167.D  
Acq: 26 Aug 2023 23:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 3274  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 46.4  | 34.1  | 51.1  |
| 54       | 46.4  | 37.0  | 55.4  |





#11

2-Methylnaphthalene-d10

Concen: 0.418 ng

RT: 12.479 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN027167.D

Acq: 26 Aug 2023 23:21

Instrument :

BNA\_N

ClientSampleId :

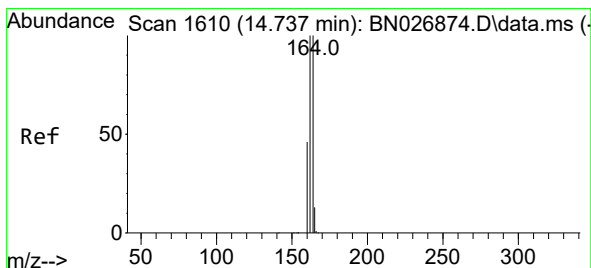
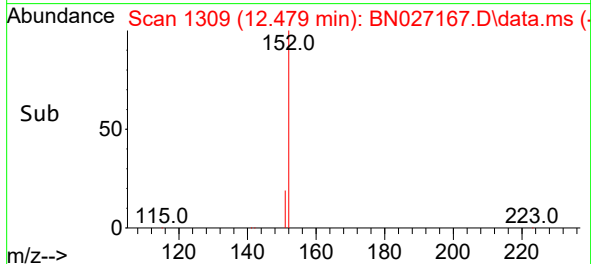
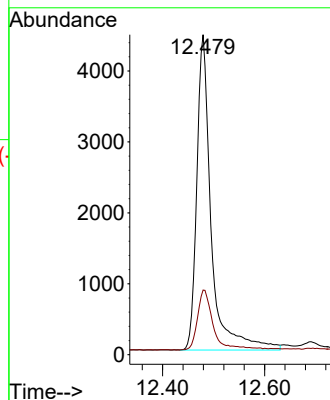
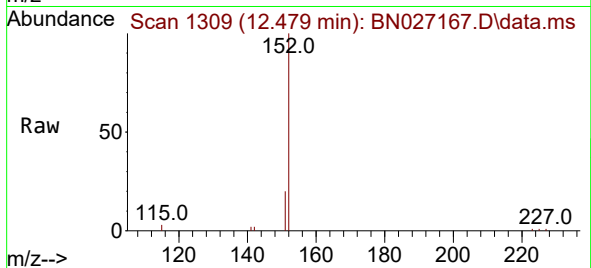
GM38-RW3-MW1-20230818

Tgt Ion:152 Resp: 8734

Ion Ratio Lower Upper

152 100

151 21.2 16.3 24.5



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.704 min Scan# 1607

Delta R.T. -0.000 min

Lab File: BN027167.D

Acq: 26 Aug 2023 23:21

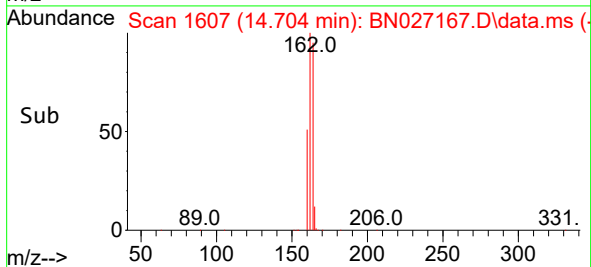
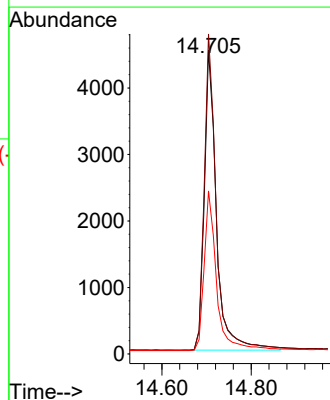
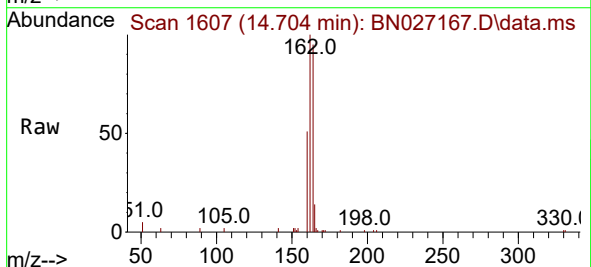
Tgt Ion:164 Resp: 8534

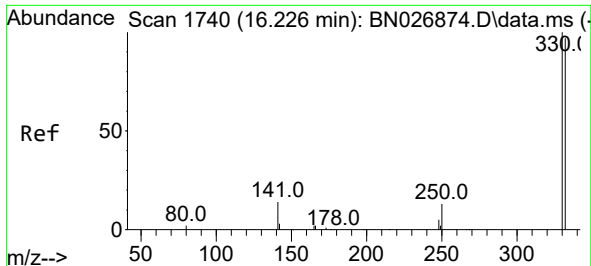
Ion Ratio Lower Upper

164 100

162 105.4 79.7 119.5

160 53.7 37.4 56.0

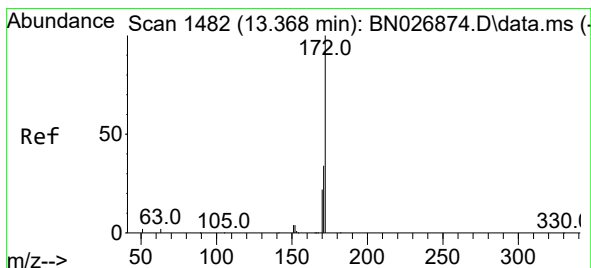
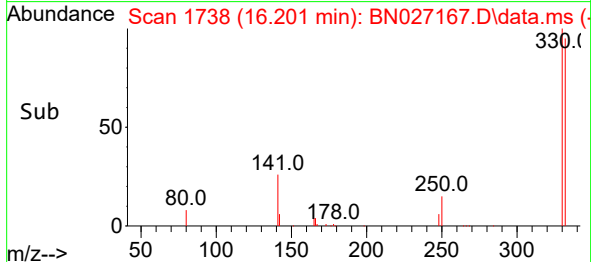
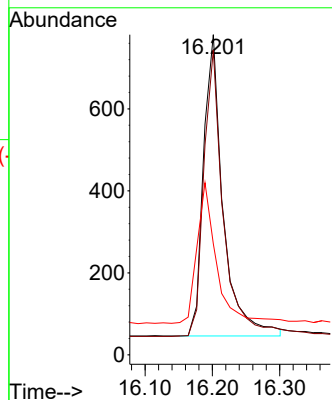
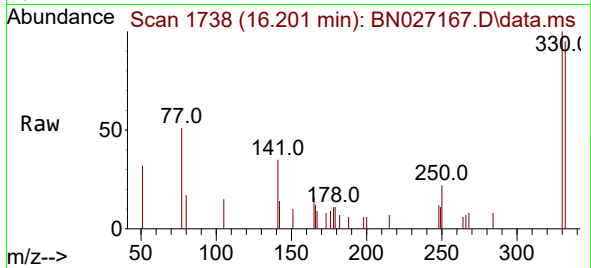




#14  
2,4,6-Tribromophenol  
Concen: 0.329 ng  
RT: 16.201 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN027167.D  
Acq: 26 Aug 2023 23:21

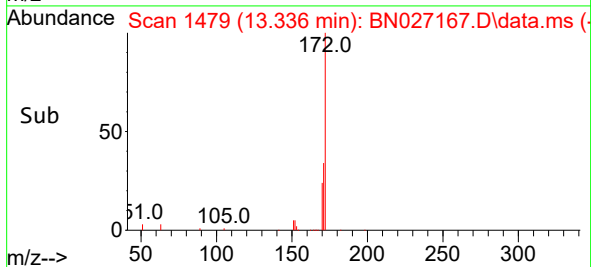
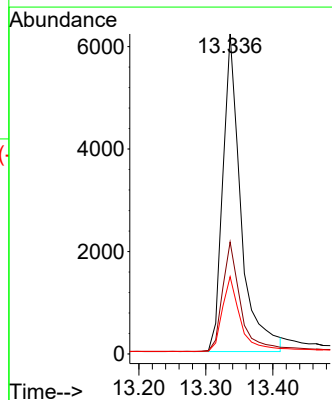
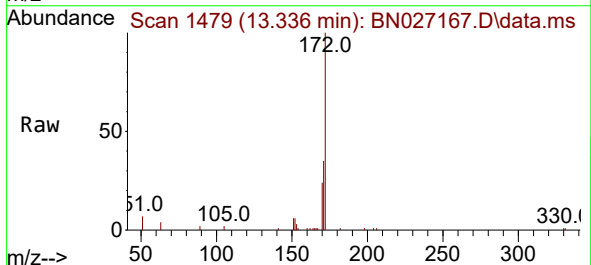
Instrument :  
BNA\_N  
ClientSampleId :  
GM38-RW3-MW1-20230818

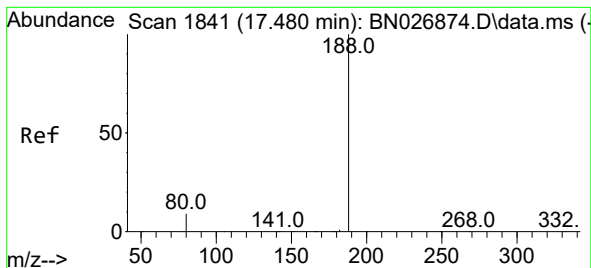
Tgt Ion:330 Resp: 1494  
Ion Ratio Lower Upper  
330 100  
332 94.8 76.6 114.8  
141 46.2 32.3 48.5



#15  
2-Fluorobiphenyl  
Concen: 0.367 ng  
RT: 13.336 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: BN027167.D  
Acq: 26 Aug 2023 23:21

Tgt Ion:172 Resp: 11639  
Ion Ratio Lower Upper  
172 100  
171 35.0 27.4 41.0  
170 24.2 18.0 27.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.455 min Scan# 1839

Delta R.T. -0.000 min

Lab File: BN027167.D

Acq: 26 Aug 2023 23:21

Instrument :

BNA\_N

ClientSampleId :

GM38-RW3-MW1-20230818

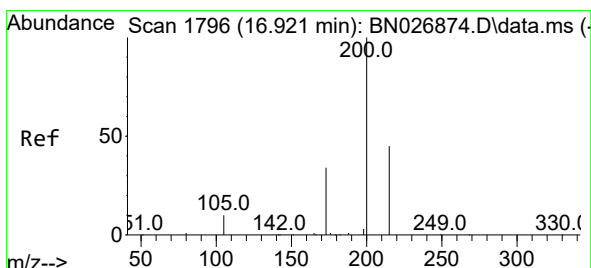
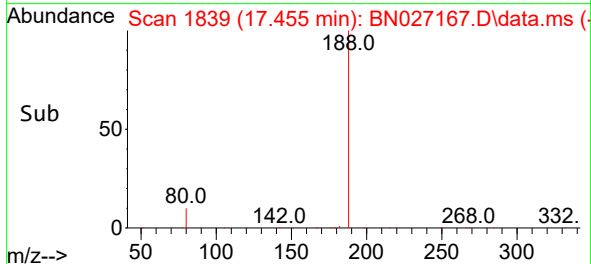
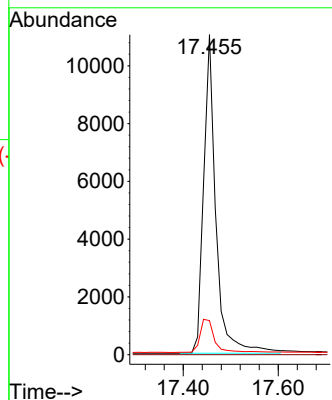
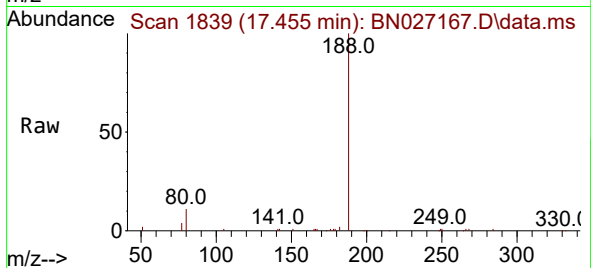
Tgt Ion:188 Resp: 19787

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.6 7.4 11.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.026 ng

RT: 16.897 min Scan# 1794

Delta R.T. -0.012 min

Lab File: BN027167.D

Acq: 26 Aug 2023 23:21

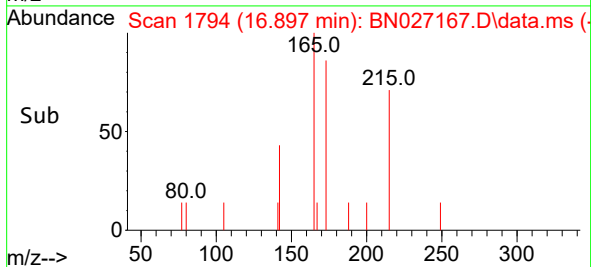
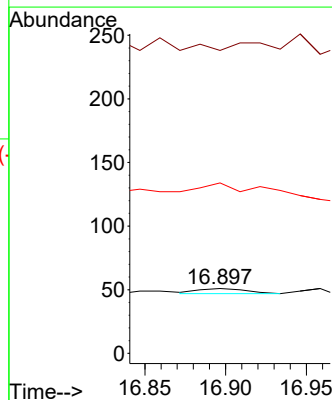
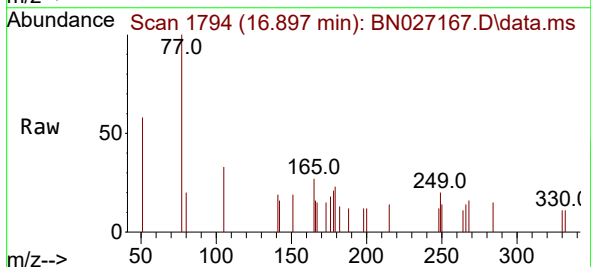
Tgt Ion:198 Resp: 8

Ion Ratio Lower Upper

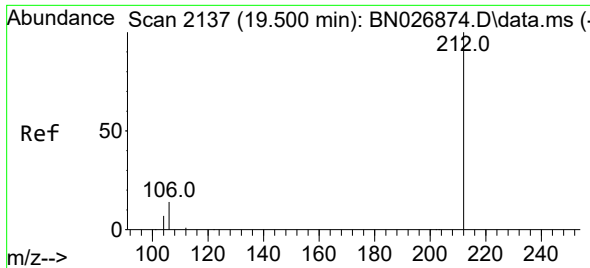
198 100

51 466.7 143.8 215.8#

105 262.7 273.5 410.3#



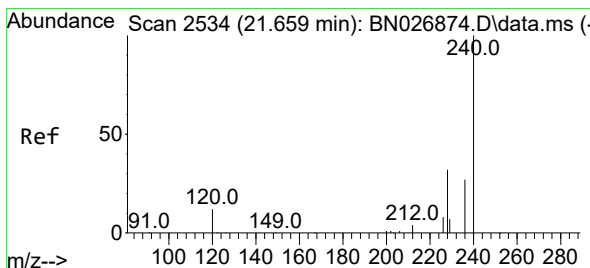
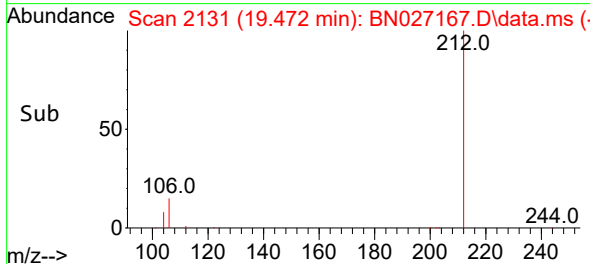
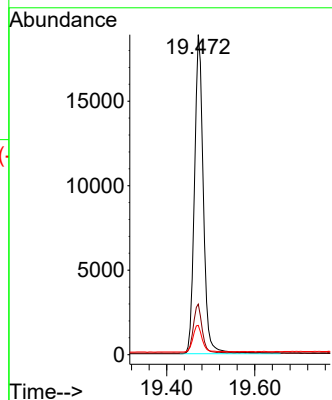
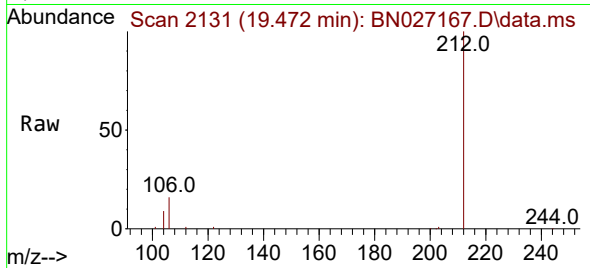




#27  
Fluoranthene-d10  
Concen: 0.521 ng  
RT: 19.472 min Scan# 2131  
Delta R.T. -0.005 min  
Lab File: BN027167.D  
Acq: 26 Aug 2023 23:21

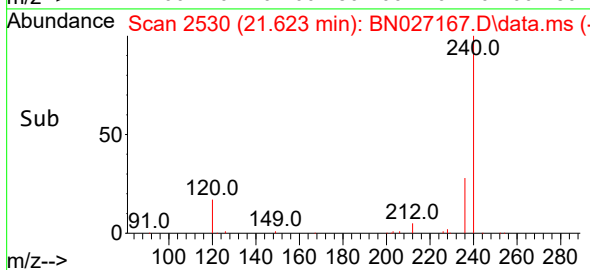
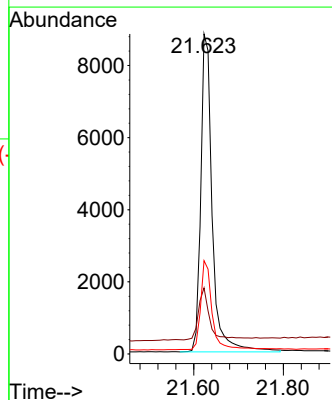
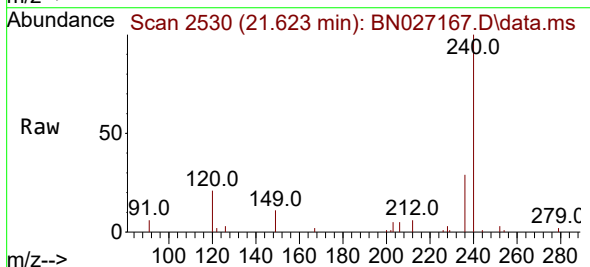
Instrument :  
BNA\_N  
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GM38-RW3-MW1-20230818

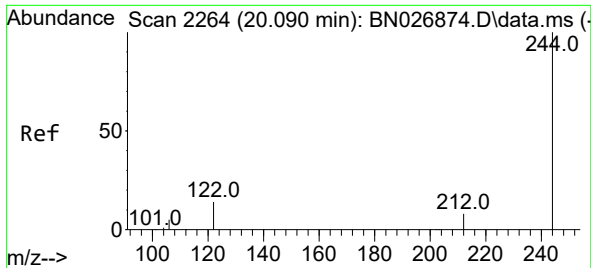
Tgt Ion:212 Resp: 26416  
Ion Ratio Lower Upper  
212 100  
106 15.1 10.9 16.3  
104 8.6 5.9 8.9



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.623 min Scan# 2530  
Delta R.T. -0.009 min  
Lab File: BN027167.D  
Acq: 26 Aug 2023 23:21

Tgt Ion:240 Resp: 15673  
Ion Ratio Lower Upper  
240 100  
120 20.6 11.1 16.7#  
236 29.1 22.2 33.2

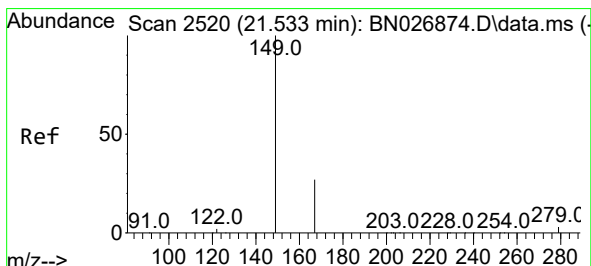
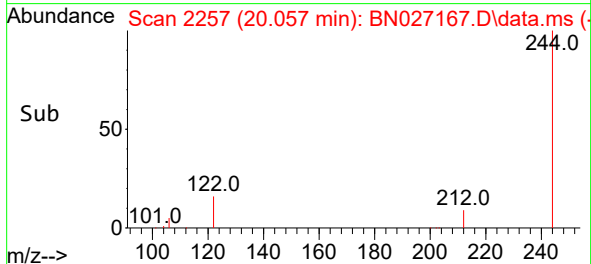
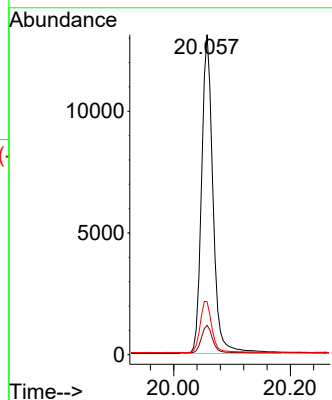
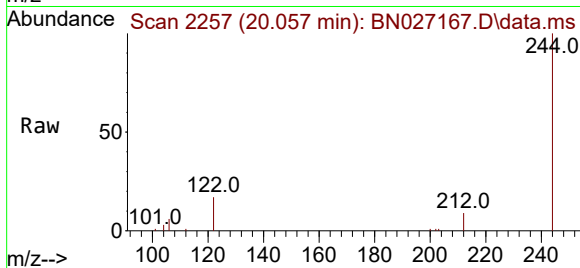




#31  
 Terphenyl-d14  
 Concen: 0.547 ng  
 RT: 20.057 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: BN027167.D  
 Acq: 26 Aug 2023 23:21

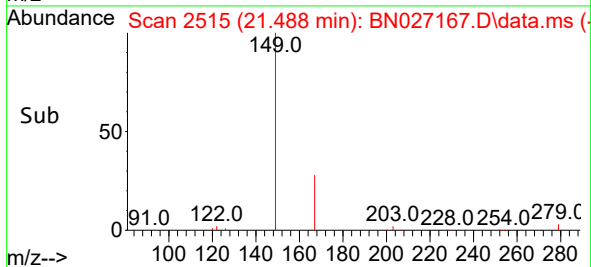
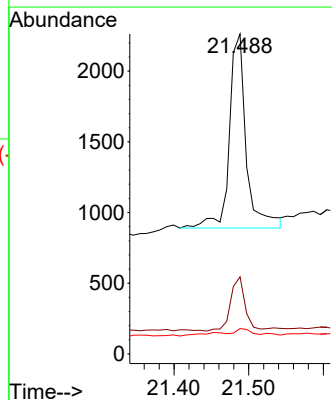
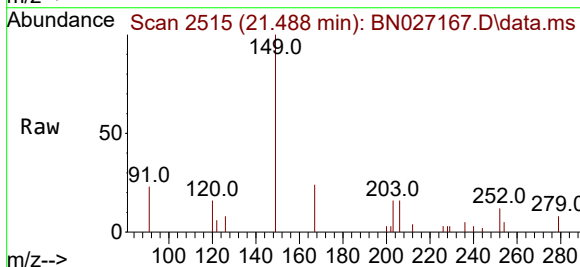
Instrument :  
 BNA\_N  
 ClientSampleId :  
 GM38-RW3-MW1-20230818

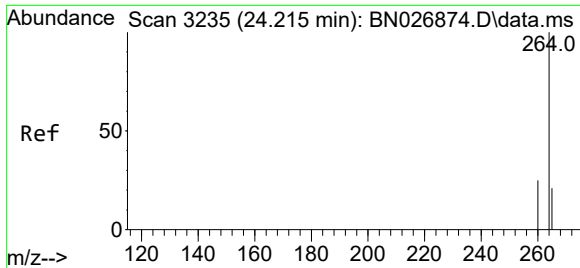
Tgt Ion:244 Resp: 17909  
 Ion Ratio Lower Upper  
 244 100  
 212 9.1 6.9 10.3  
 122 16.5 11.9 17.9



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.053 ng  
 RT: 21.488 min Scan# 2515  
 Delta R.T. -0.009 min  
 Lab File: BN027167.D  
 Acq: 26 Aug 2023 23:21

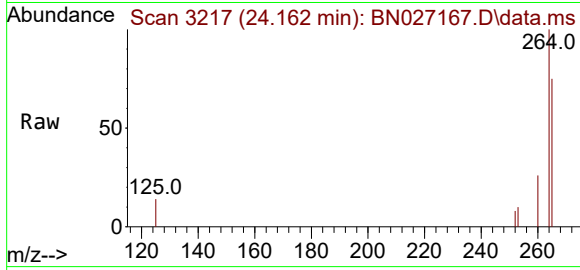
Tgt Ion:149 Resp: 2160  
 Ion Ratio Lower Upper  
 149 100  
 167 24.3 21.4 32.0  
 279 6.4 3.6 5.4#





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.162 min Scan# 31  
 Delta R.T. -0.009 min  
 Lab File: BN027167.D  
 Acq: 26 Aug 2023 23:21

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GM38-RW3-MW1-20230818



Tgt Ion:264 Resp: 13954  
 Ion Ratio Lower Upper  
 264 100  
 260 26.4 20.4 30.6  
 265 75.1 27.0 40.6#

