

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN033122\  
 Data File : BN019269.D  
 Acq On : 01 Apr 2022 01:31  
 Operator : CG/JU  
 Sample : N2172-03  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-3R

Quant Time: Apr 01 04:47:00 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN033122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 31 12:41:03 2022  
 Response via : Initial Calibration

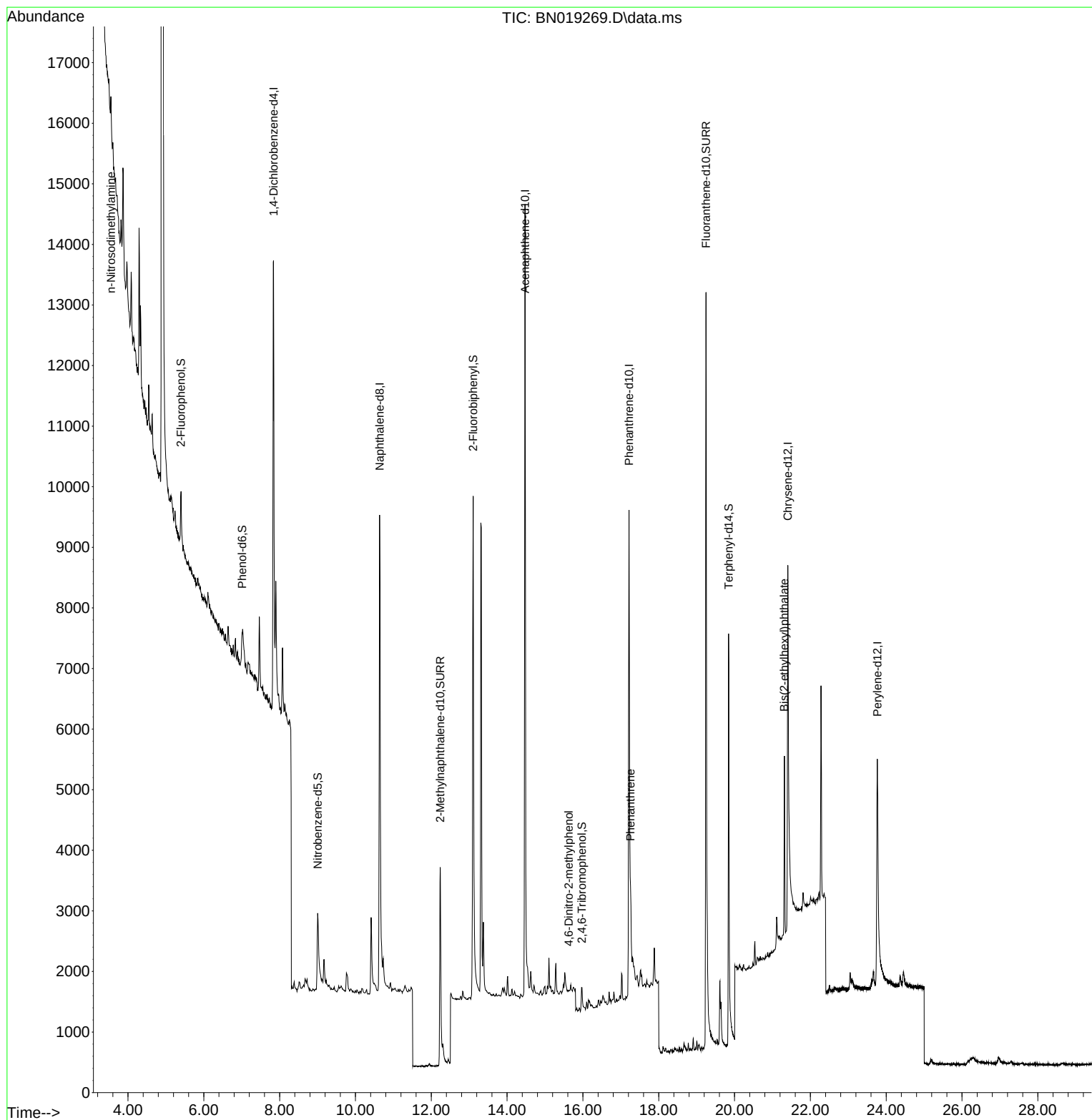
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.840  | 152  | 4709     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.637 | 136  | 12965    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.474 | 164  | 7927     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.215 | 188  | 14485    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.404 | 240  | 10010    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.767 | 264  | 8073     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.399  | 112  | 897      | 0.087 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.009  | 99   | 605      | 0.055 | ng    | 0.01     |
| 8) Nitrobenzene-d5            | 9.003  | 82   | 2140     | 0.230 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.235 | 152  | 6274     | 0.305 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.974 | 330  | 345      | 0.093 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 9087     | 0.286 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.249 | 212  | 17889    | 0.411 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.843 | 244  | 10305    | 0.463 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 3) n-Nitrosodimethylamine     | 3.550  | 42   | 353      | 0.054 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.628 | 198  | 8        | 0.094 | ng    | # 1      |
| 25) Phenanthrene              | 17.256 | 178  | 1266     | 0.028 | ng    | # 91     |
| 34) Bis(2-ethylhexyl)phtha... | 21.315 | 149  | 2736     | 0.131 | ng    | # 97     |
| -----                         |        |      |          |       |       |          |

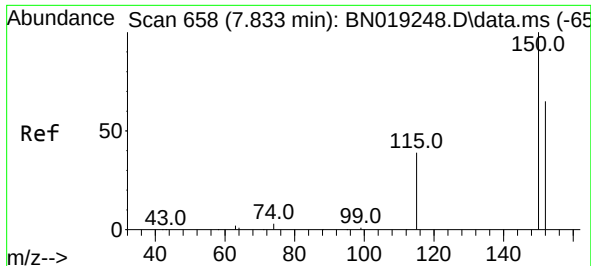
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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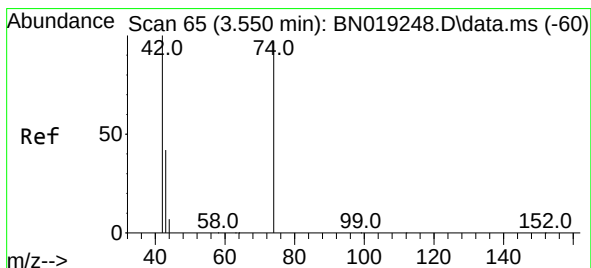
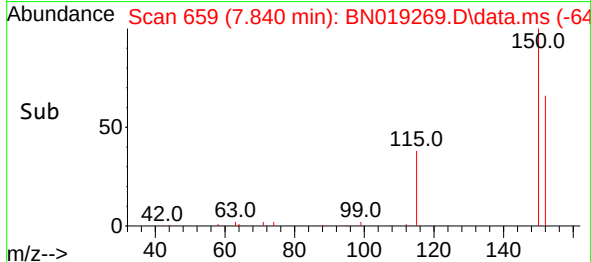
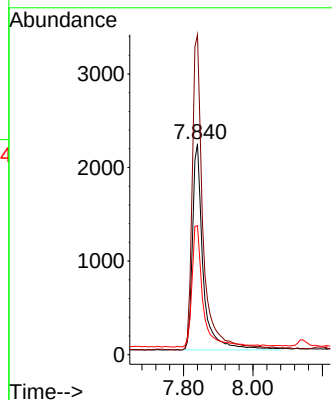
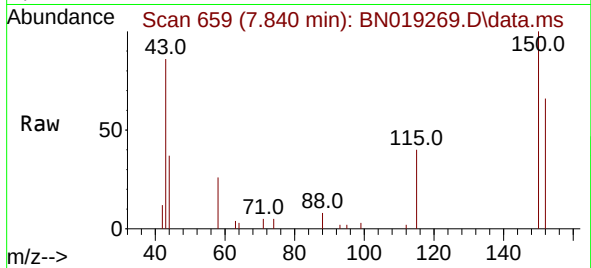




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.840 min Scan# 61  
Delta R.T. 0.007 min  
Lab File: BN019269.D  
Acq: 01 Apr 2022 01:31

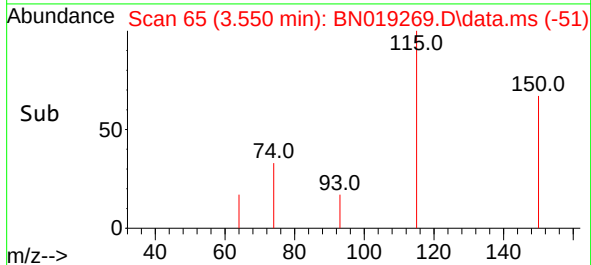
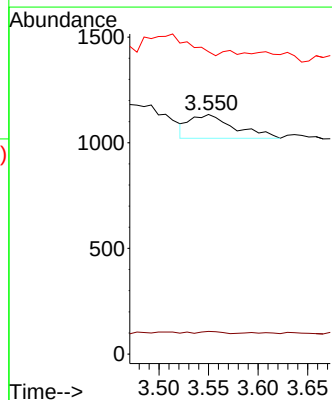
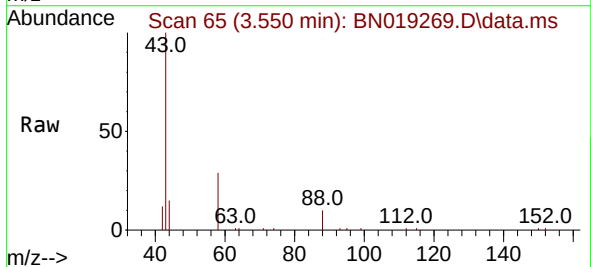
Instrument :  
BNA\_N  
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MW-3R

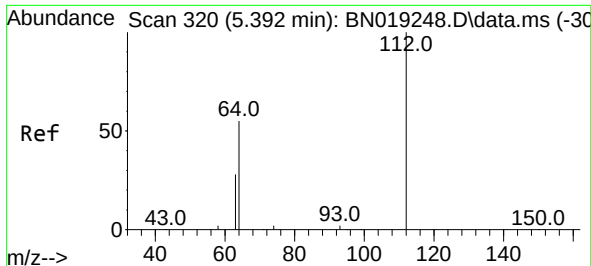
Tgt Ion:152 Resp: 4709  
Ion Ratio Lower Upper  
152 100  
150 151.7 123.9 185.9  
115 61.1 48.2 72.4



#3  
n-Nitrosodimethylamine  
Concen: 0.054 ng  
RT: 3.550 min Scan# 65  
Delta R.T. 0.000 min  
Lab File: BN019269.D  
Acq: 01 Apr 2022 01:31

Tgt Ion: 42 Resp: 353  
Ion Ratio Lower Upper  
42 100  
74 3.7 96.9 145.3#  
44 0.0 7.3 10.9#





#4

2-Fluorophenol

Concen: 0.087 ng

RT: 5.399 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN019269.D

Acq: 01 Apr 2022 01:31

Instrument :

BNA\_N

ClientSampleId :

MW-3R

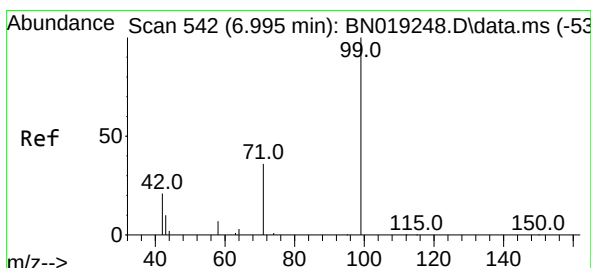
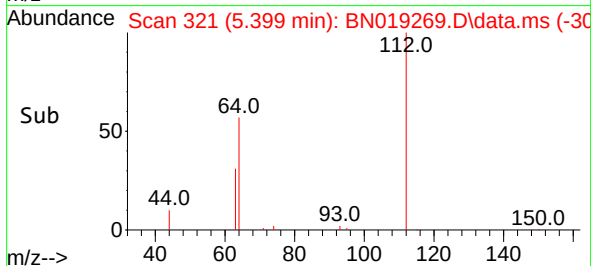
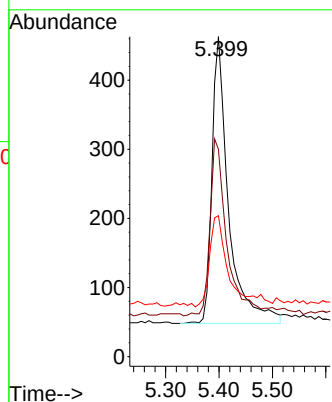
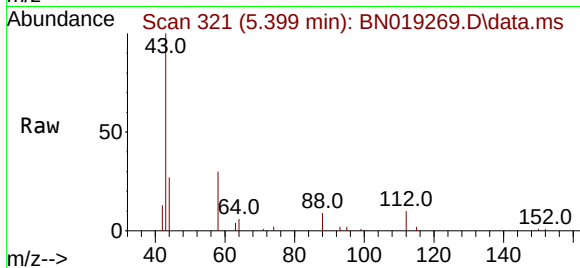
Tgt Ion:112 Resp: 897

Ion Ratio Lower Upper

112 100

64 62.8 47.8 71.8

63 33.4 25.7 38.5



#5

Phenol-d6

Concen: 0.055 ng

RT: 7.009 min Scan# 544

Delta R.T. 0.014 min

Lab File: BN019269.D

Acq: 01 Apr 2022 01:31

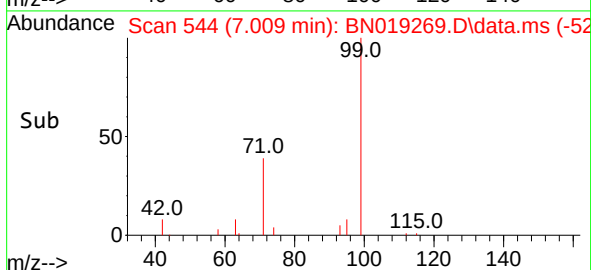
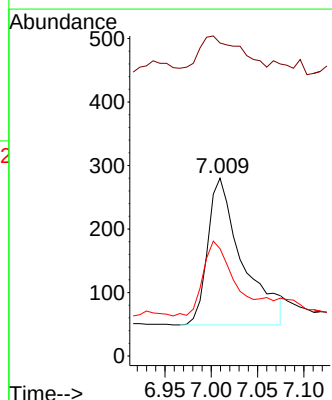
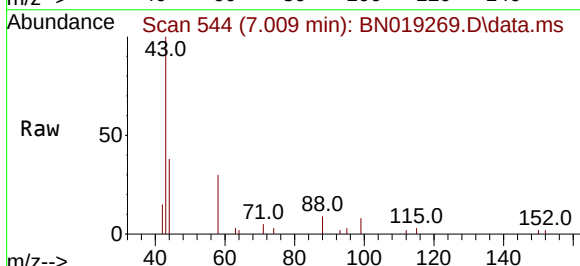
Tgt Ion: 99 Resp: 605

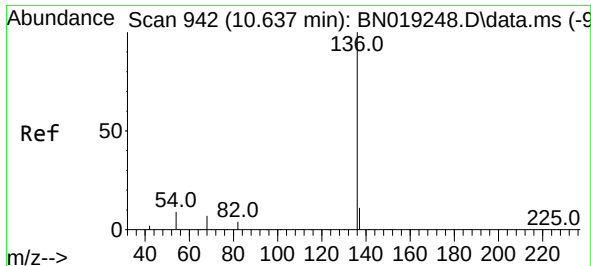
Ion Ratio Lower Upper

99 100

42 25.5 16.2 24.4#

71 45.6 27.7 41.5#

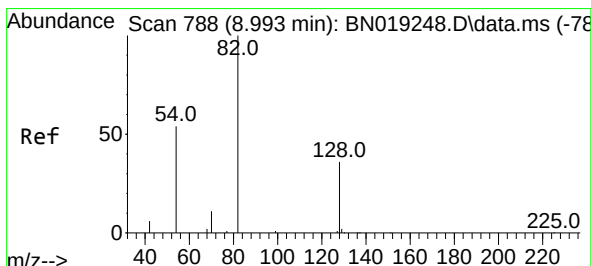
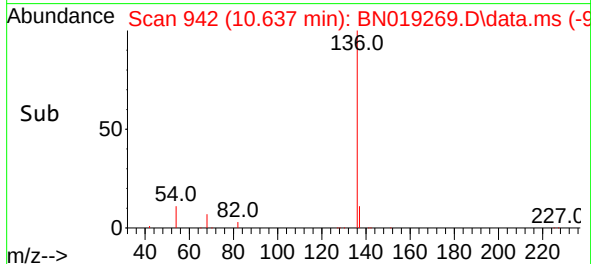
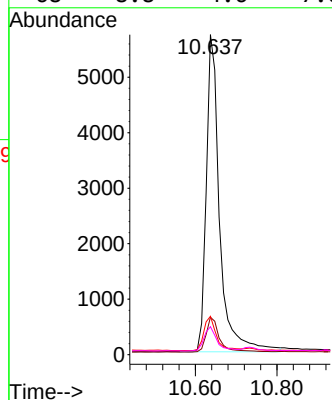
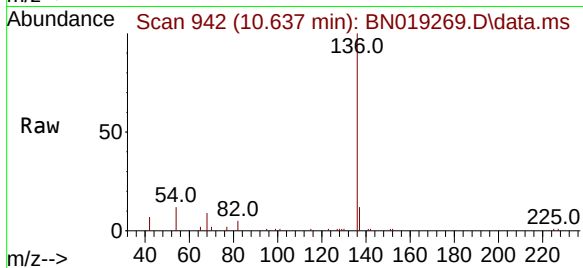




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.637 min Scan# 942  
Delta R.T. -0.000 min  
Lab File: BN019269.D  
Acq: 01 Apr 2022 01:31

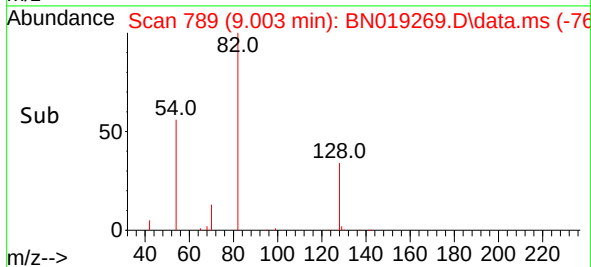
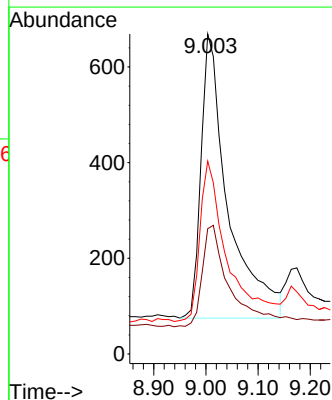
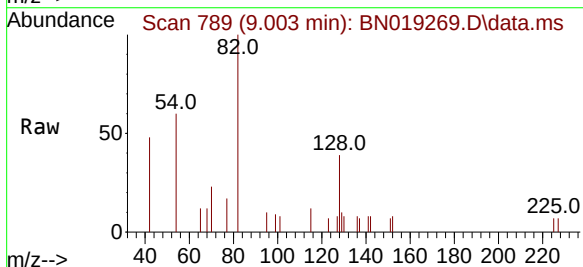
Instrument :  
BNA\_N  
ClientSampleId :  
MW-3R

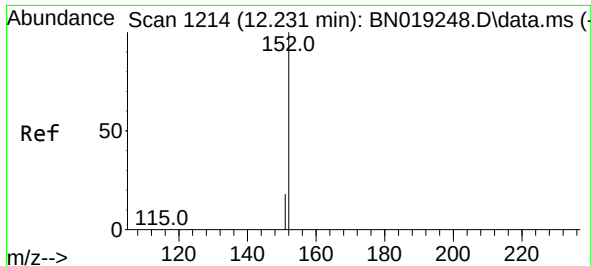
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 12965 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.7  | 9.0   | 13.4  |
| 54       | 12.0  | 5.8   | 8.6#  |
| 68       | 8.8   | 4.6   | 7.0#  |



#8  
Nitrobenzene-d5  
Concen: 0.230 ng  
RT: 9.003 min Scan# 789  
Delta R.T. 0.011 min  
Lab File: BN019269.D  
Acq: 01 Apr 2022 01:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 2140  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 39.2  | 33.0  | 49.6  |
| 54       | 60.2  | 42.5  | 63.7  |

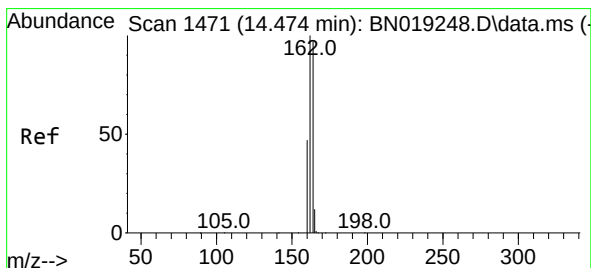
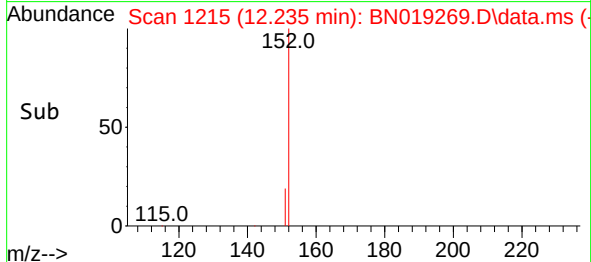
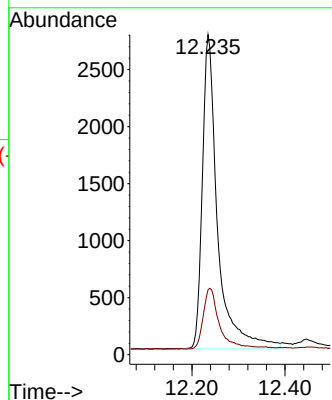
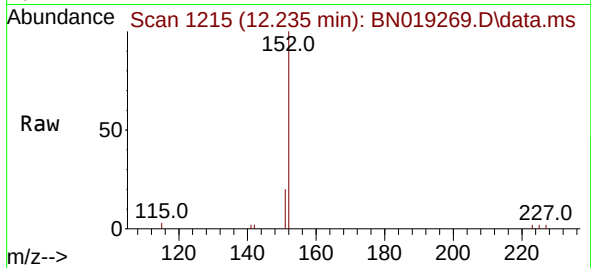




#11  
2-Methylnaphthalene-d10  
Concen: 0.305 ng  
RT: 12.235 min Scan# 11  
Delta R.T. 0.004 min  
Lab File: BN019269.D  
Acq: 01 Apr 2022 01:31

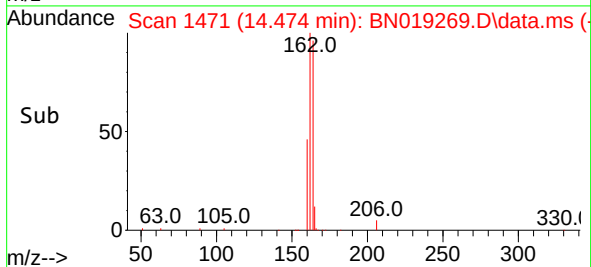
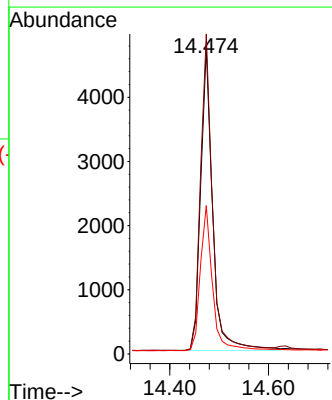
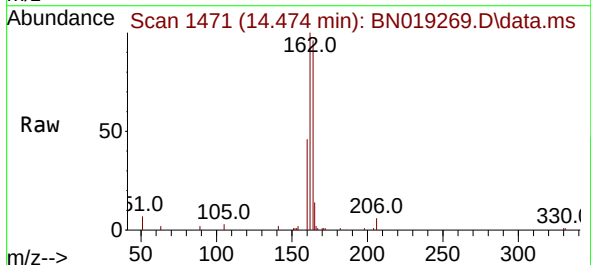
Instrument :  
BNA\_N  
ClientSampleId :  
MW-3R

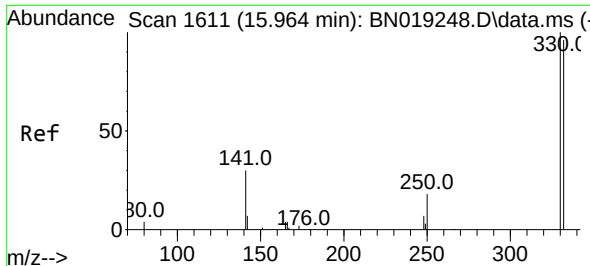
Tgt Ion:152 Resp: 6274  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.5 24.7



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.474 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: BN019269.D  
Acq: 01 Apr 2022 01:31

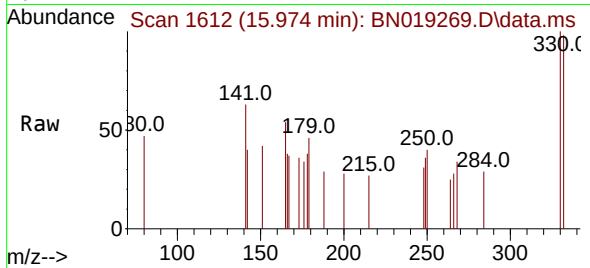
Tgt Ion:164 Resp: 7927  
Ion Ratio Lower Upper  
164 100  
162 104.6 85.2 127.8  
160 48.4 41.5 62.3



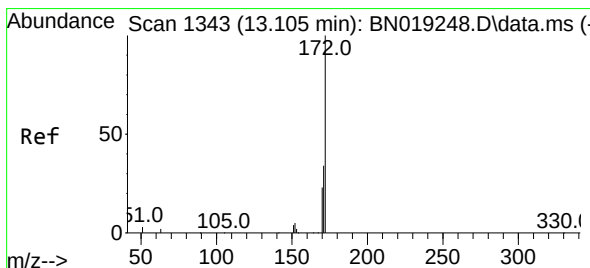
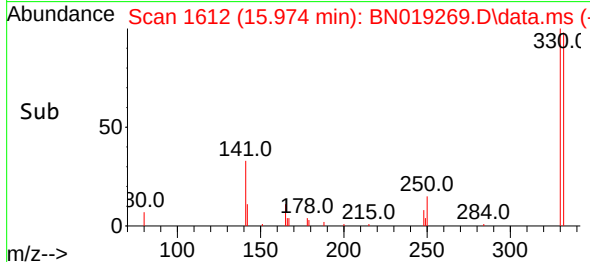
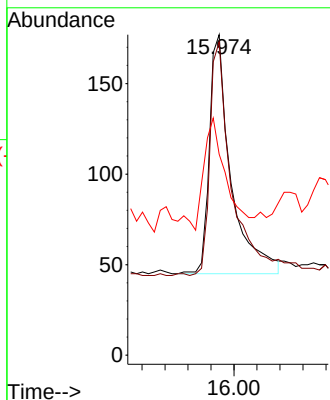


#14  
2,4,6-Tribromophenol  
Concen: 0.093 ng  
RT: 15.974 min Scan# 1612  
Delta R.T. 0.010 min  
Lab File: BN019269.D  
Acq: 01 Apr 2022 01:31

Instrument :  
BNA\_N  
ClientSampleId :  
MW-3R

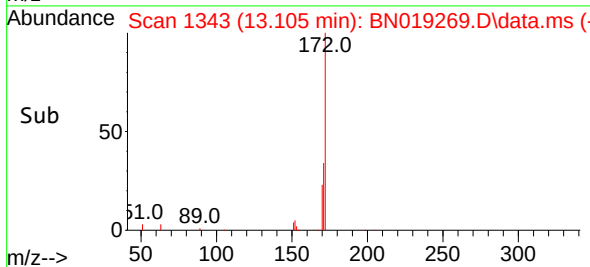
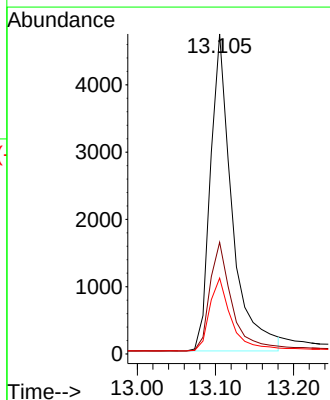
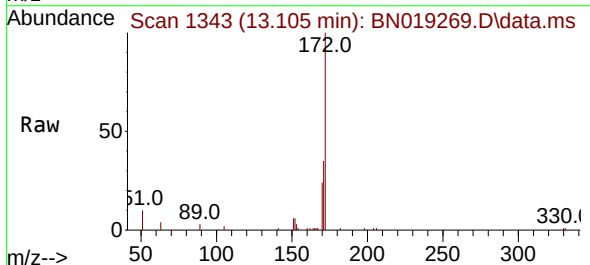


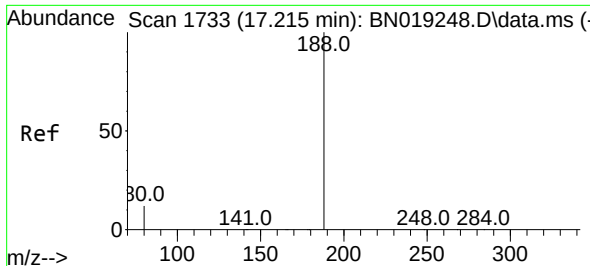
Tgt Ion: 330 Resp: 345  
Ion Ratio Lower Upper  
330 100  
332 96.8 76.8 115.2  
141 38.0 32.2 48.2



#15  
2-Fluorobiphenyl  
Concen: 0.286 ng  
RT: 13.105 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: BN019269.D  
Acq: 01 Apr 2022 01:31

Tgt Ion: 172 Resp: 9087  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.2 42.2  
170 23.7 18.7 28.1

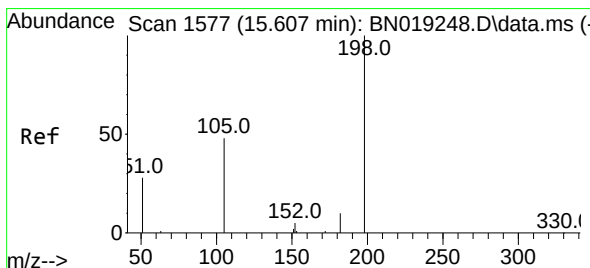
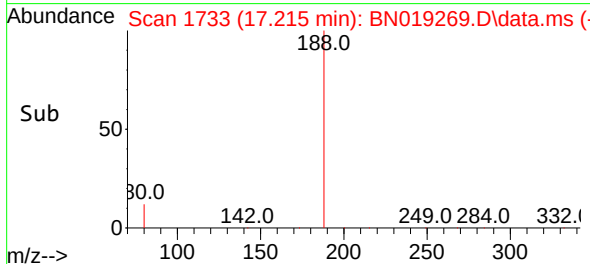
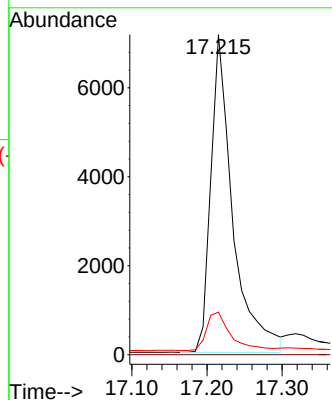
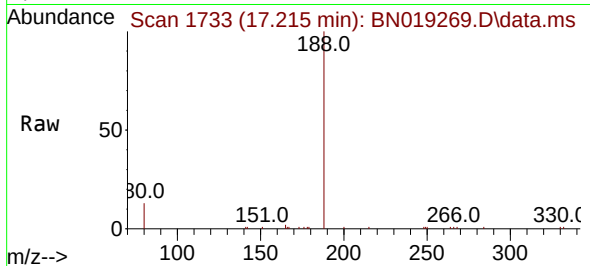




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.215 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN019269.D  
Acq: 01 Apr 2022 01:31

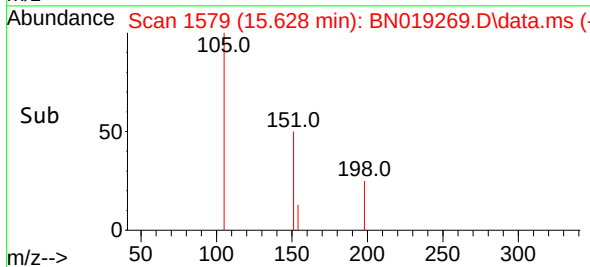
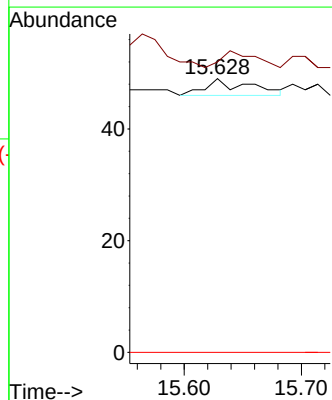
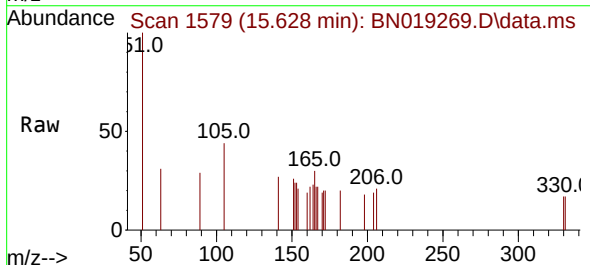
Instrument :  
BNA\_N  
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Tgt Ion:188 Resp: 14485  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.3 11.8 17.8

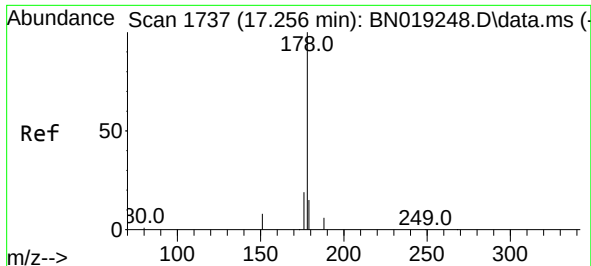


#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.094 ng  
RT: 15.628 min Scan# 1579  
Delta R.T. 0.021 min  
Lab File: BN019269.D  
Acq: 01 Apr 2022 01:31

Tgt Ion:198 Resp: 8  
Ion Ratio Lower Upper  
198 100  
182 106.1 13.0 19.4#  
77 0.0 0.0 0.0



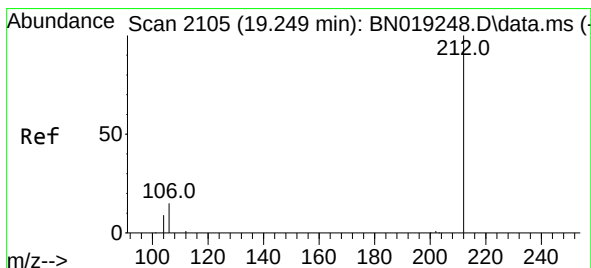
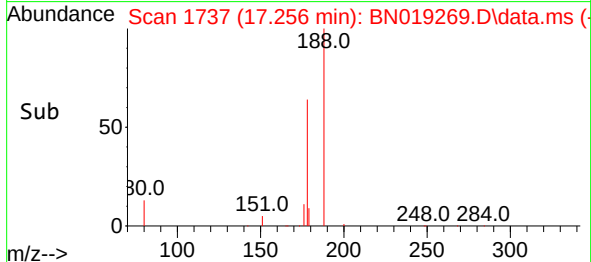
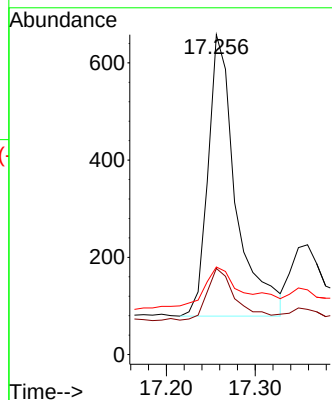
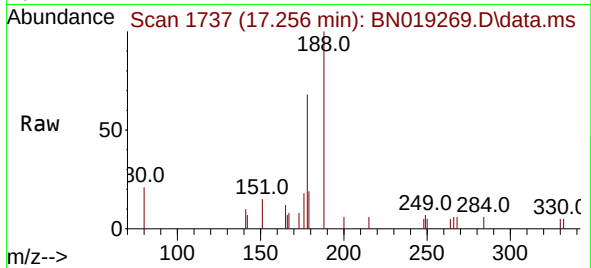




#25  
Phenanthrene  
Concen: 0.028 ng  
RT: 17.256 min Scan# 1737  
Delta R.T. 0.000 min  
Lab File: BN019269.D  
Acq: 01 Apr 2022 01:31

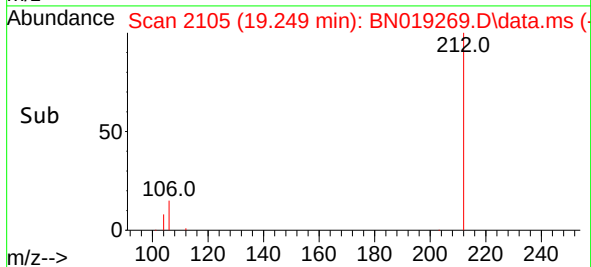
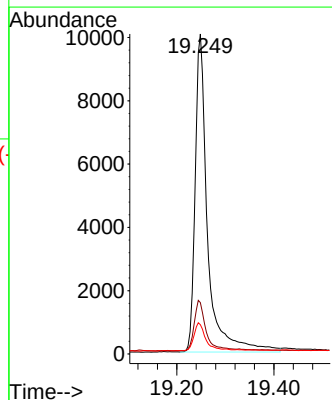
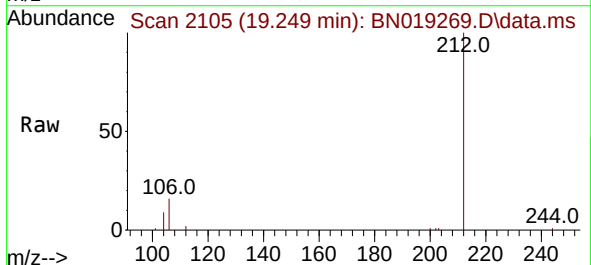
Instrument :  
BNA\_N  
ClientSampleId :  
MW-3R

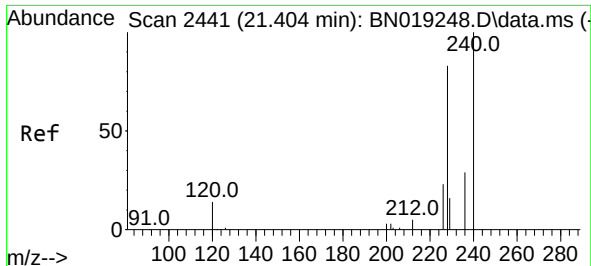
Tgt Ion:178 Resp: 1266  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.0  
179 23.1 12.2 18.2#



#27  
Fluoranthene-d10  
Concen: 0.411 ng  
RT: 19.249 min Scan# 2105  
Delta R.T. 0.000 min  
Lab File: BN019269.D  
Acq: 01 Apr 2022 01:31

Tgt Ion:212 Resp: 17889  
Ion Ratio Lower Upper  
212 100  
106 14.8 12.7 19.1  
104 8.2 7.1 10.7

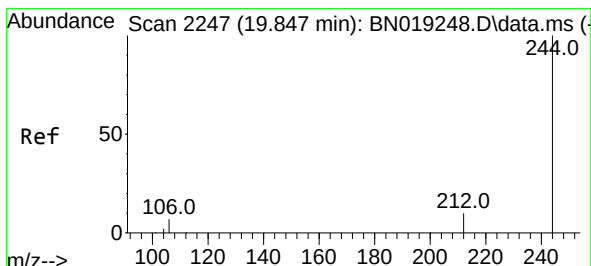
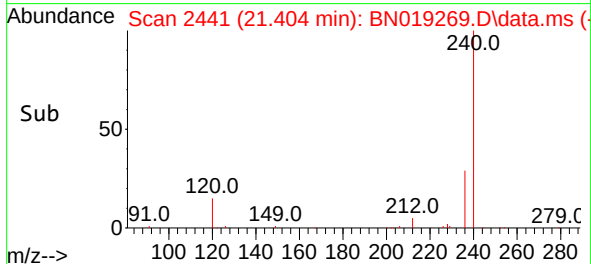
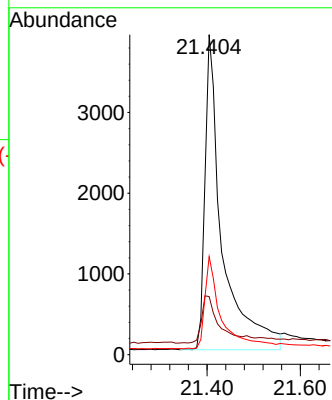
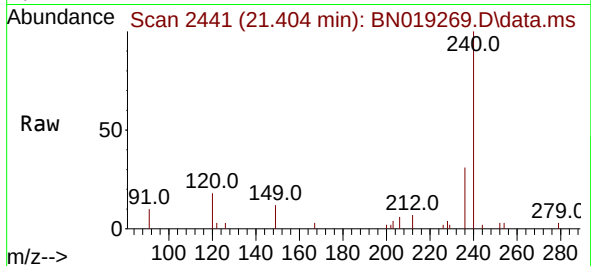




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.404 min Scan# 2441  
Delta R.T. 0.000 min  
Lab File: BN019269.D  
Acq: 01 Apr 2022 01:31

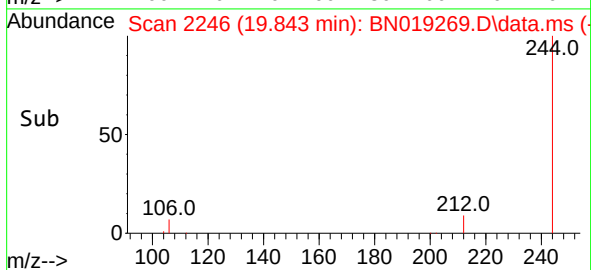
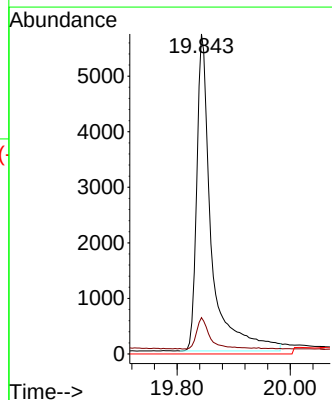
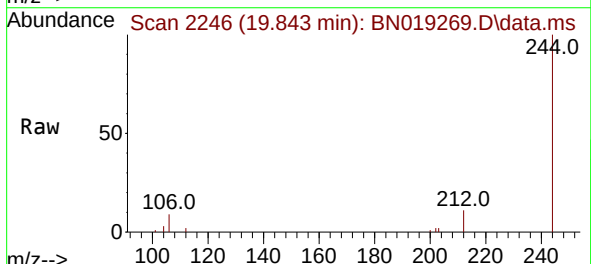
Instrument :  
BNA\_N  
ClientSampleId :  
MW-3R

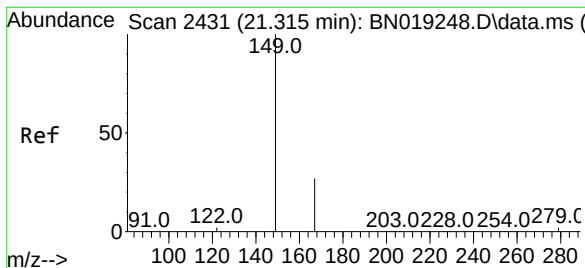
Tgt Ion:240 Resp: 10010  
Ion Ratio Lower Upper  
240 100  
120 18.2 8.5 12.7#  
236 30.7 22.4 33.6



#31  
Terphenyl-d14  
Concen: 0.463 ng  
RT: 19.843 min Scan# 2246  
Delta R.T. -0.004 min  
Lab File: BN019269.D  
Acq: 01 Apr 2022 01:31

Tgt Ion:244 Resp: 10305  
Ion Ratio Lower Upper  
244 100  
212 11.4 8.2 12.4  
122 0.0 0.0 0.0

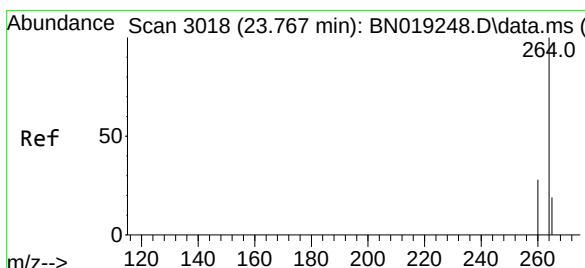
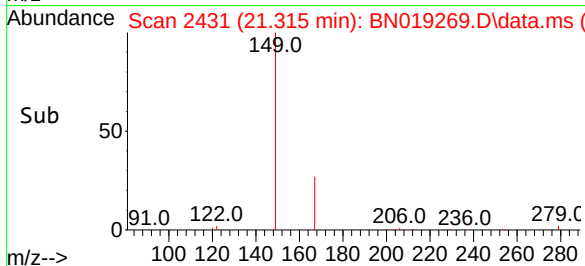
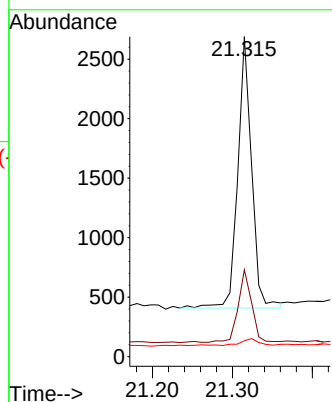
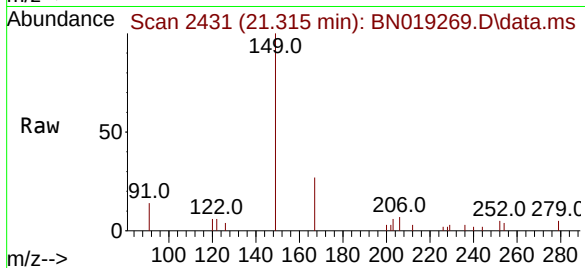




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.131 ng  
 RT: 21.315 min Scan# 2431  
 Delta R.T. -0.000 min  
 Lab File: BN019269.D  
 Acq: 01 Apr 2022 01:31

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-3R

Tgt Ion:149 Resp: 2736  
 Ion Ratio Lower Upper  
 149 100  
 167 25.6 21.8 32.8  
 279 3.0 2.0 3.0#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.767 min Scan# 3018  
 Delta R.T. -0.000 min  
 Lab File: BN019269.D  
 Acq: 01 Apr 2022 01:31

Tgt Ion:264 Resp: 8073  
 Ion Ratio Lower Upper  
 264 100  
 260 28.7 22.4 33.6  
 265 49.2 25.3 37.9#

