

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN033122\  
 Data File : BN019268.D  
 Acq On : 01 Apr 2022 00:55  
 Operator : CG/JU  
 Sample : N2172-02  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-2R

Quant Time: Apr 01 04:46:56 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

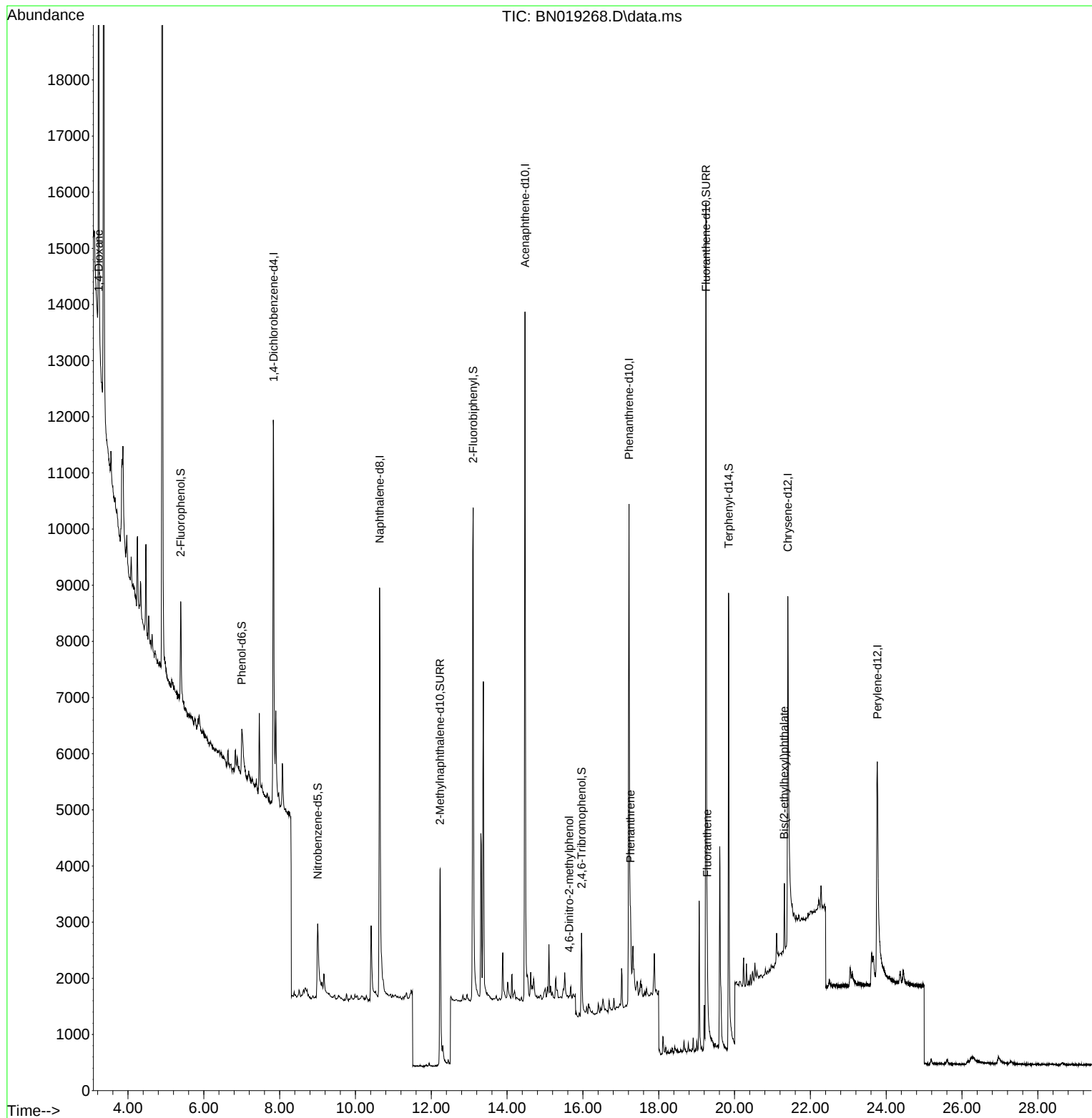
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.840  | 152  | 4267     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.637 | 136  | 11766    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.474 | 164  | 7492     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.215 | 188  | 14462    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.404 | 240  | 10666    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.767 | 264  | 8230     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.392  | 112  | 1739     | 0.186 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.002  | 99   | 971      | 0.098 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.003  | 82   | 2119     | 0.251 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.231 | 152  | 6563     | 0.351 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.964 | 330  | 1118     | 0.319 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 9638     | 0.321 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.249 | 212  | 20994    | 0.483 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.843 | 244  | 11689    | 0.493 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.225  | 88   | 5030     | 0.887 | ng    | # 89     |
| 20) 4,6-Dinitro-2-methylph... | 15.639 | 198  | 9        | 0.094 | ng    | # 1      |
| 25) Phenanthrene              | 17.256 | 178  | 1325     | 0.029 | ng    | 100      |
| 28) Fluoranthene              | 19.278 | 202  | 1118     | 0.021 | ng    | 96       |
| 34) Bis(2-ethylhexyl)phtha... | 21.315 | 149  | 1263     | 0.057 | ng    | # 97     |
| -----                         |        |      |          |       |       |          |

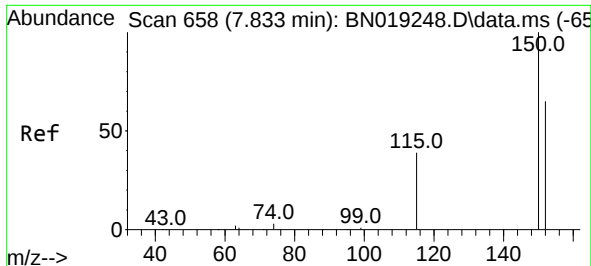
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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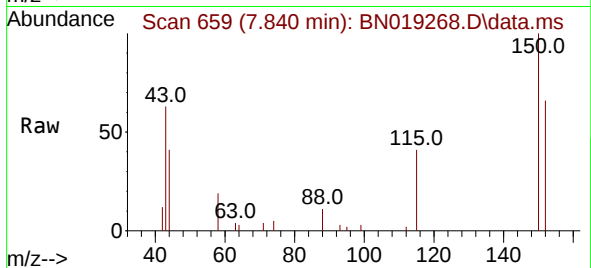
Quant Time: Apr 01 04:46:56 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN033122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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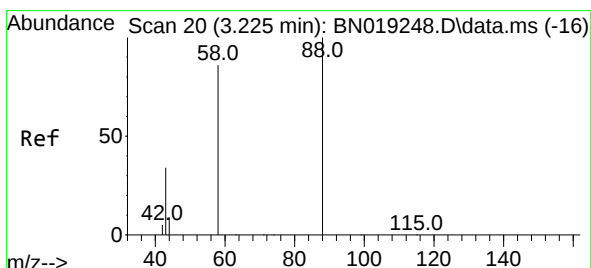
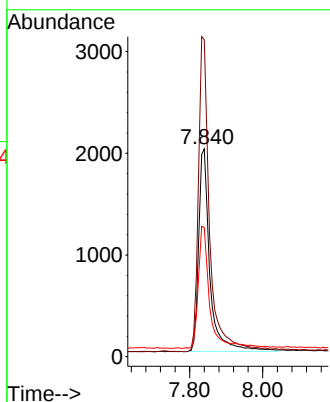
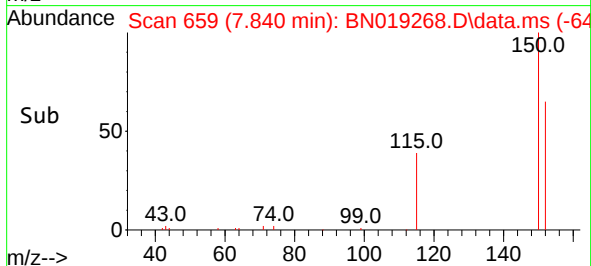


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.840 min Scan# 658  
 Delta R.T. 0.007 min  
 Lab File: BN019268.D  
 Acq: 01 Apr 2022 00:55

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-2R

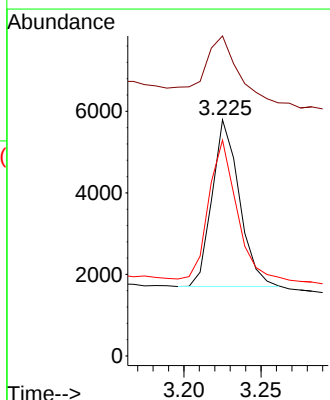
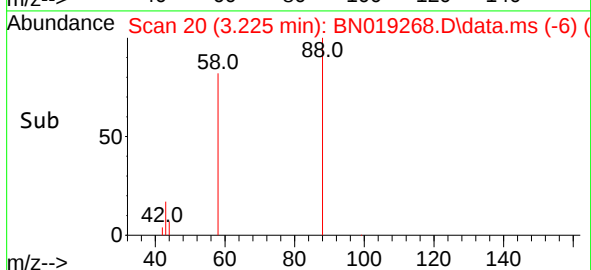
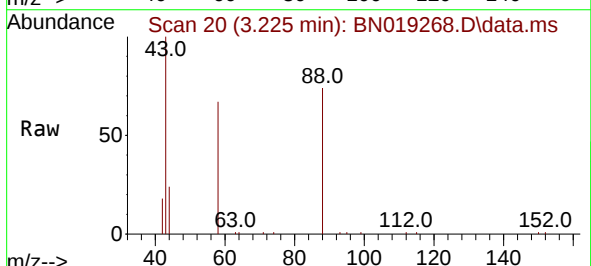


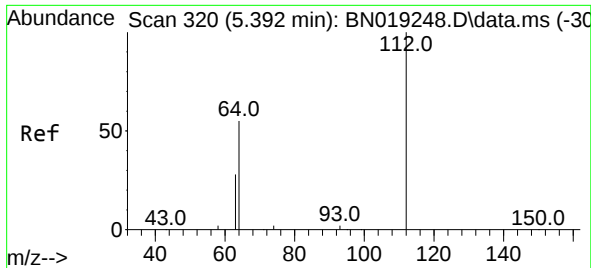
Tgt Ion:152 Resp: 4267  
 Ion Ratio Lower Upper  
 152 100  
 150 152.5 123.9 185.9  
 115 62.1 48.2 72.4



#2  
 1,4-Dioxane  
 Concen: 0.887 ng  
 RT: 3.225 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: BN019268.D  
 Acq: 01 Apr 2022 00:55

Tgt Ion: 88 Resp: 5030  
 Ion Ratio Lower Upper  
 88 100  
 43 49.0 24.6 37.0#  
 58 84.0 65.4 98.2

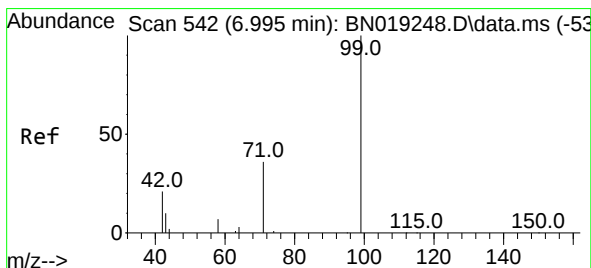
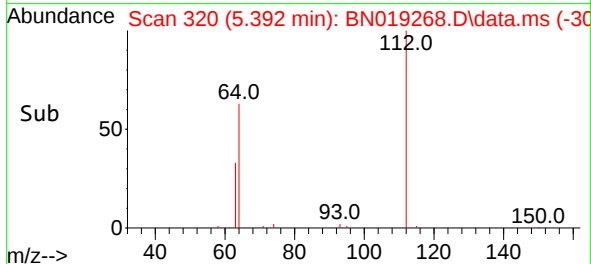
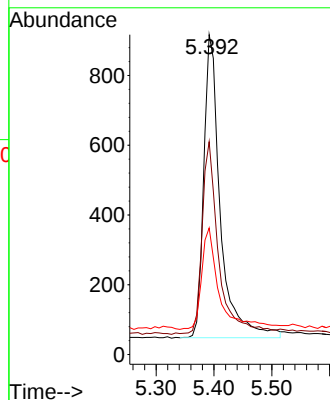
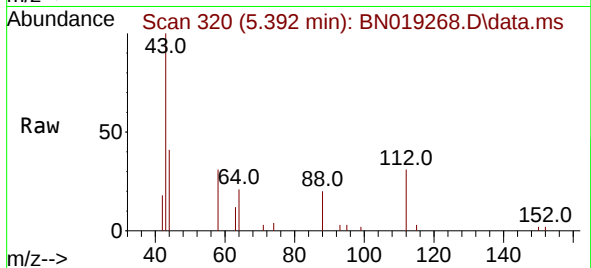




#4  
2-Fluorophenol  
Concen: 0.186 ng  
RT: 5.392 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BN019268.D  
Acq: 01 Apr 2022 00:55

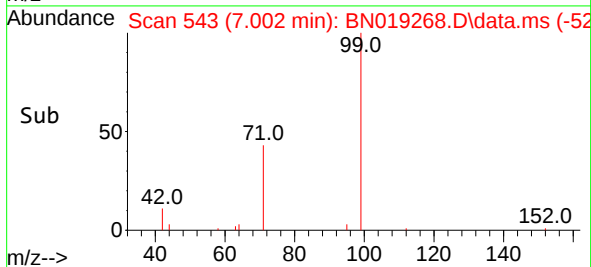
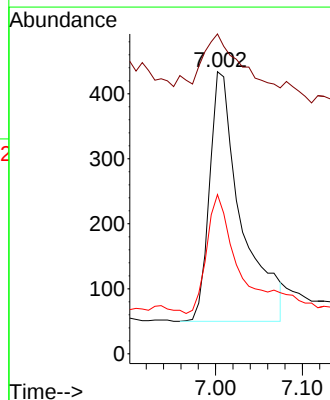
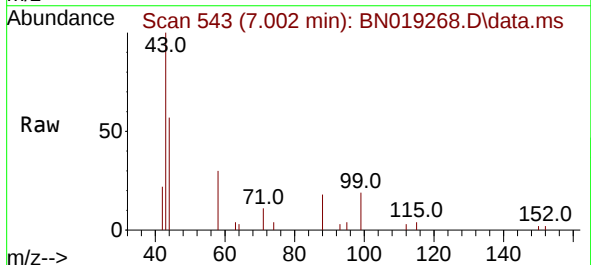
Instrument :  
BNA\_N  
ClientSampleId :  
MW-2R

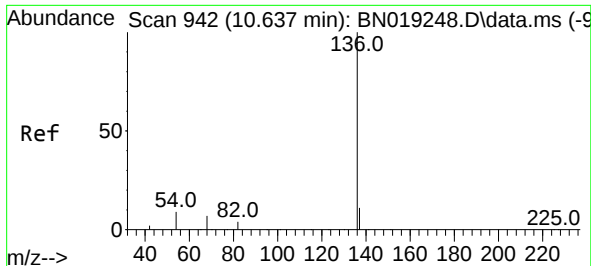
Tgt Ion:112 Resp: 1739  
Ion Ratio Lower Upper  
112 100  
64 63.6 47.8 71.8  
63 36.0 25.7 38.5



#5  
Phenol-d6  
Concen: 0.098 ng  
RT: 7.002 min Scan# 543  
Delta R.T. 0.007 min  
Lab File: BN019268.D  
Acq: 01 Apr 2022 00:55

Tgt Ion: 99 Resp: 971  
Ion Ratio Lower Upper  
99 100  
42 24.2 16.2 24.4  
71 47.2 27.7 41.5#

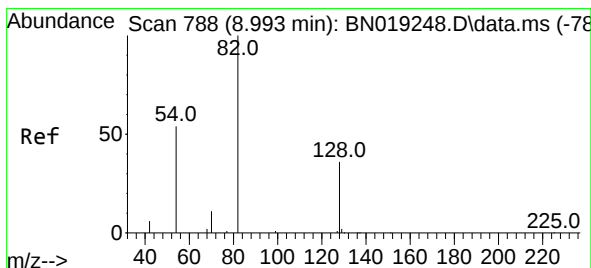
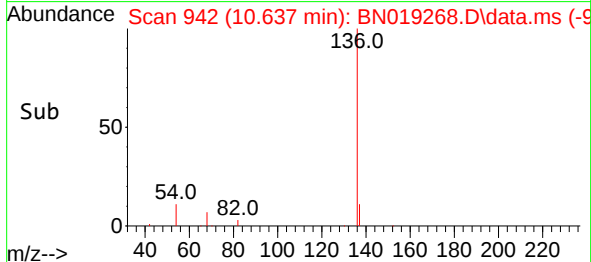
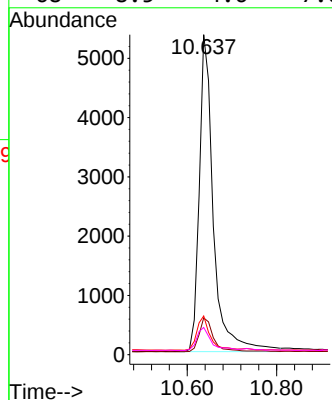
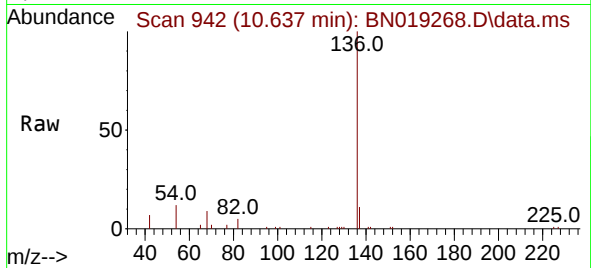




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.637 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: BN019268.D  
Acq: 01 Apr 2022 00:55

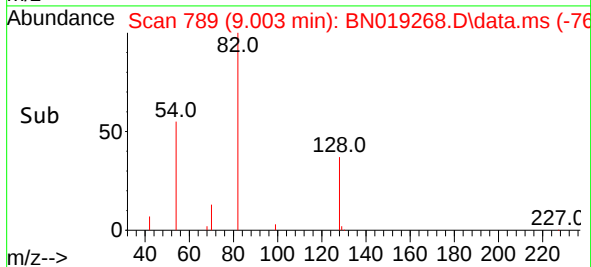
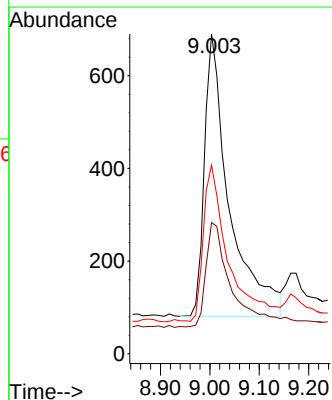
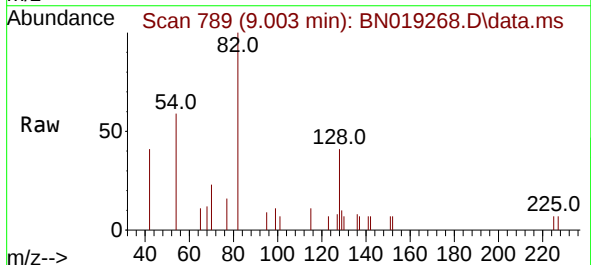
Instrument :  
BNA\_N  
ClientSampleId :  
MW-2R

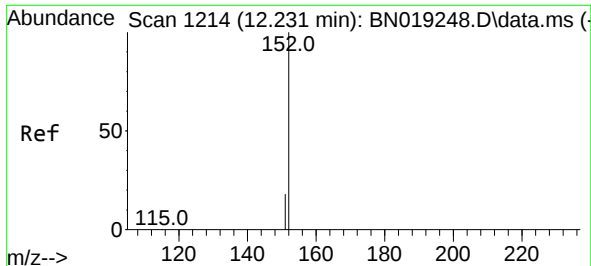
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 11766    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.5  | 9.0 13.4 |
| 54          | 12.1  | 5.8 8.6# |
| 68          | 8.5   | 4.6 7.0# |



#8  
Nitrobenzene-d5  
Concen: 0.251 ng  
RT: 9.003 min Scan# 789  
Delta R.T. 0.011 min  
Lab File: BN019268.D  
Acq: 01 Apr 2022 00:55

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 2119      |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 41.0  | 33.0 49.6 |
| 54          | 59.0  | 42.5 63.7 |

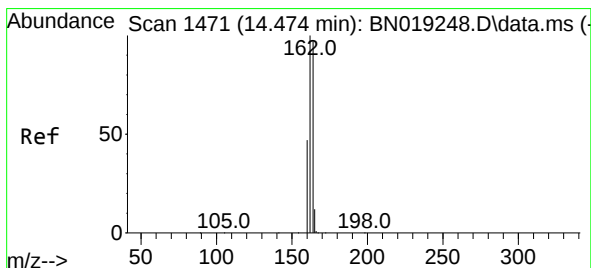
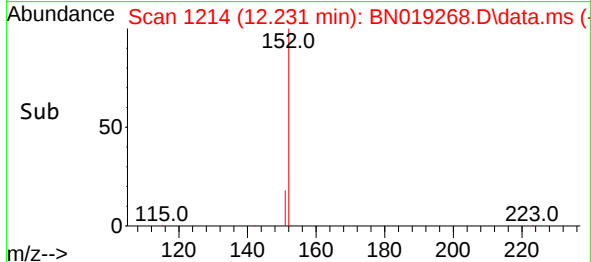
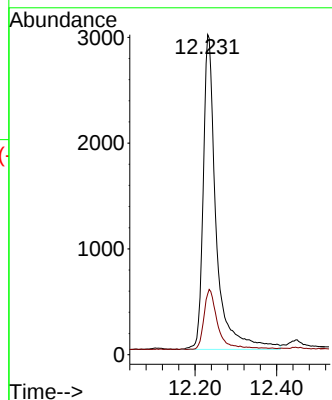
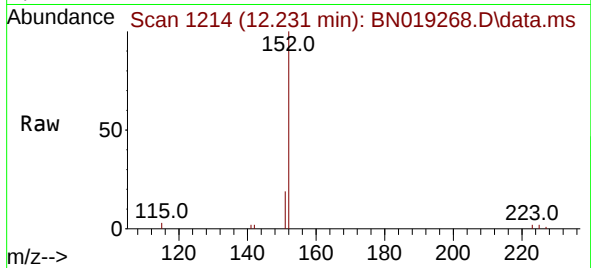




#11  
2-Methylnaphthalene-d10  
Concen: 0.351 ng  
RT: 12.231 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN019268.D  
Acq: 01 Apr 2022 00:55

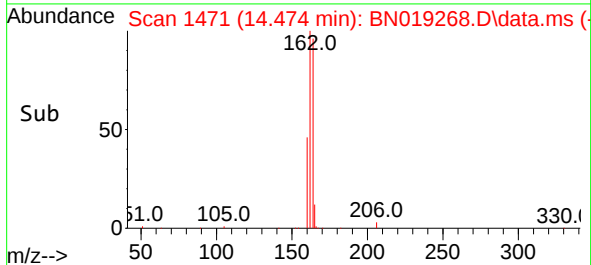
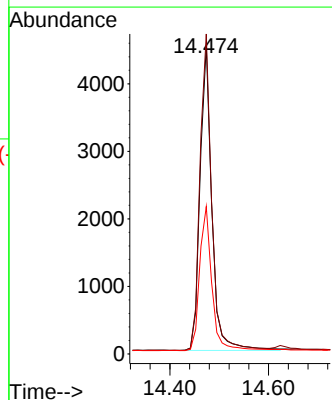
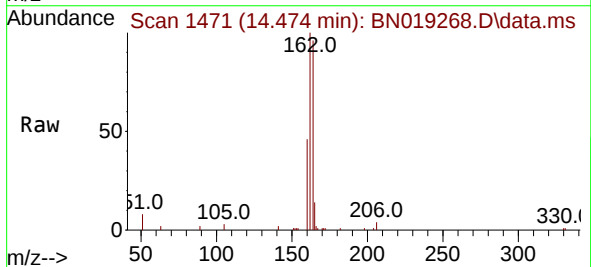
Instrument :  
BNA\_N  
ClientSampleId :  
MW-2R

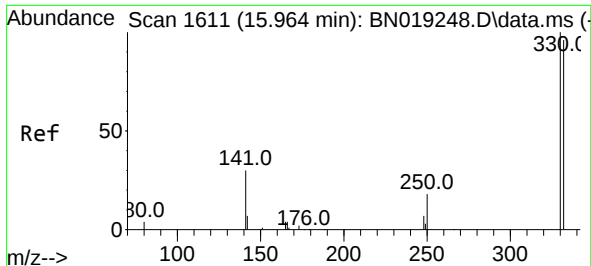
Tgt Ion:152 Resp: 6563  
Ion Ratio Lower Upper  
152 100  
151 19.6 16.5 24.7



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.474 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: BN019268.D  
Acq: 01 Apr 2022 00:55

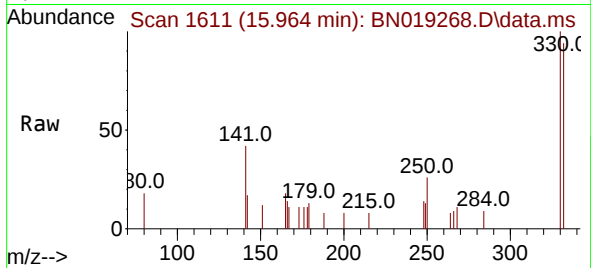
Tgt Ion:164 Resp: 7492  
Ion Ratio Lower Upper  
164 100  
162 103.9 85.2 127.8  
160 47.8 41.5 62.3



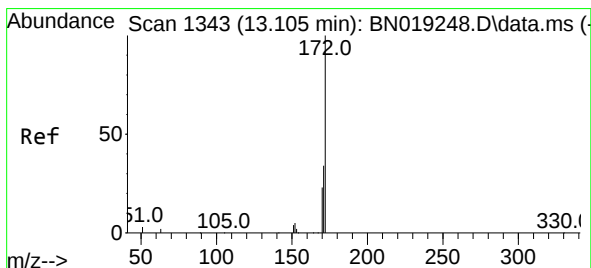
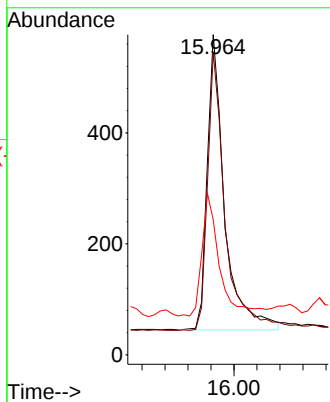
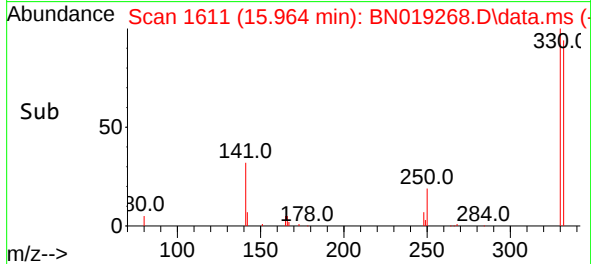


#14  
2,4,6-Tribromophenol  
Concen: 0.319 ng  
RT: 15.964 min Scan# 1611  
Delta R.T. -0.000 min  
Lab File: BN019268.D  
Acq: 01 Apr 2022 00:55

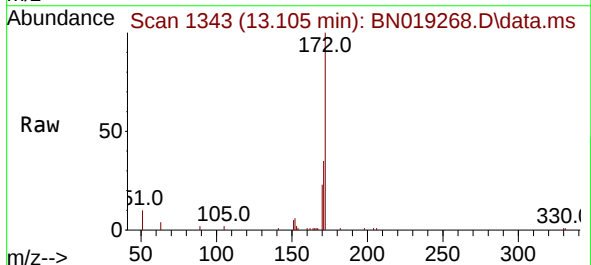
Instrument :  
BNA\_N  
ClientSampleId :  
MW-2R



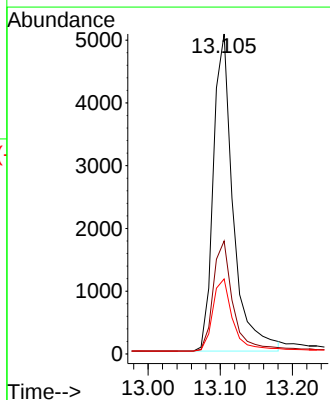
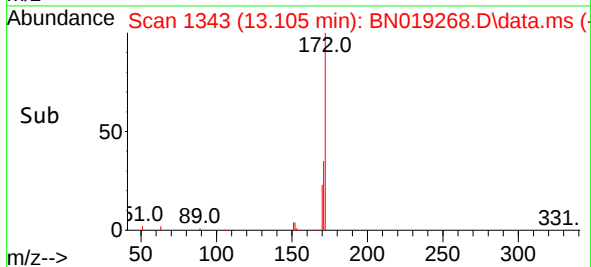
Tgt Ion: 330 Resp: 1118  
Ion Ratio Lower Upper  
330 100  
332 93.9 76.8 115.2  
141 42.3 32.2 48.2

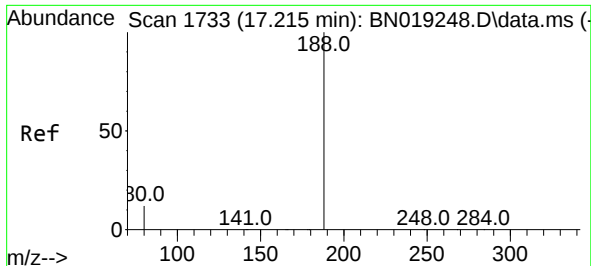


#15  
2-Fluorobiphenyl  
Concen: 0.321 ng  
RT: 13.105 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: BN019268.D  
Acq: 01 Apr 2022 00:55



Tgt Ion: 172 Resp: 9638  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.2 42.2  
170 23.4 18.7 28.1

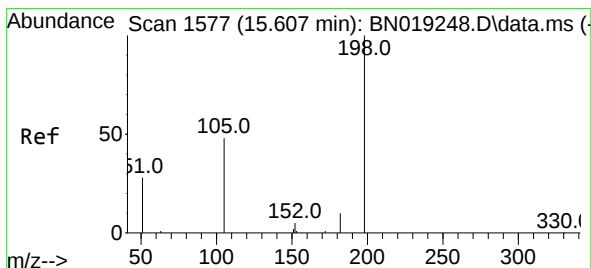
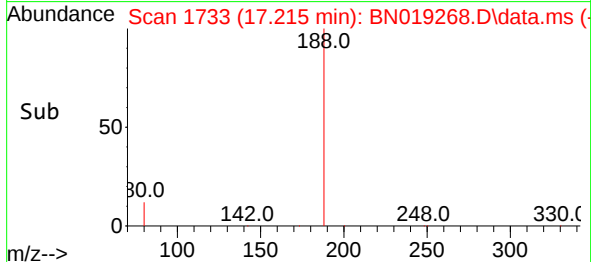
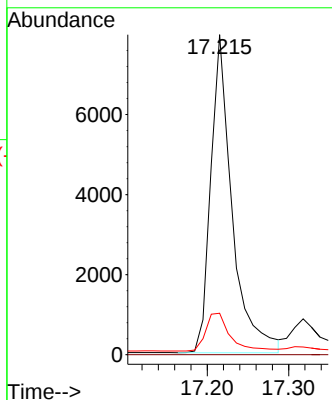
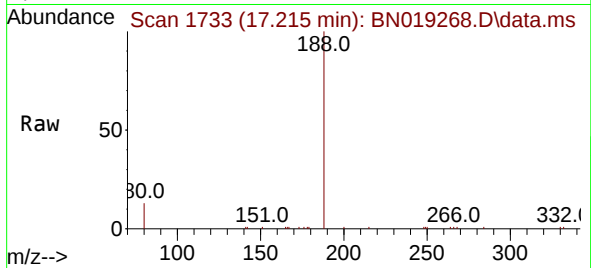




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.215 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN019268.D  
Acq: 01 Apr 2022 00:55

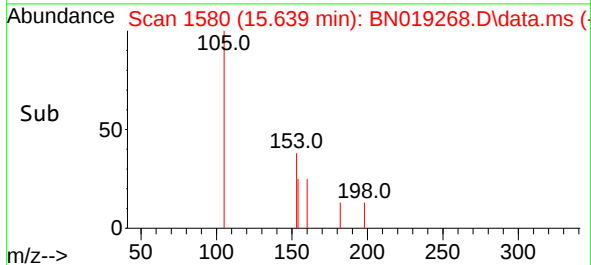
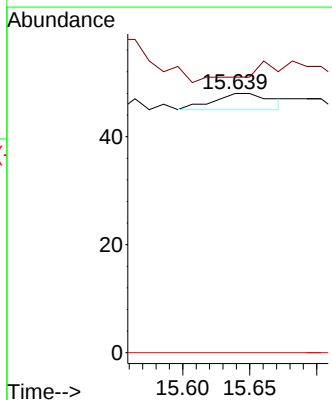
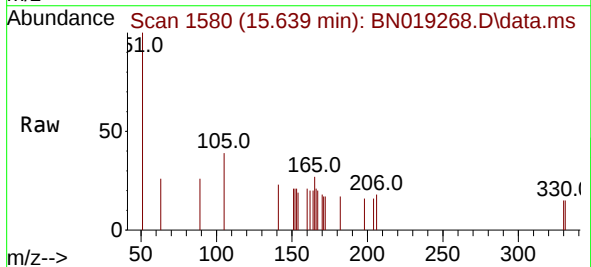
Instrument :  
BNA\_N  
ClientSampleId :  
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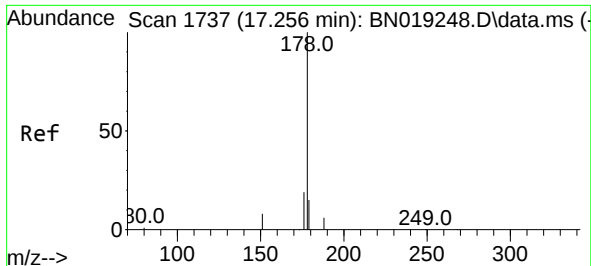
Tgt Ion:188 Resp: 14462  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.0 11.8 17.8



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.094 ng  
RT: 15.639 min Scan# 1580  
Delta R.T. 0.032 min  
Lab File: BN019268.D  
Acq: 01 Apr 2022 00:55

Tgt Ion:198 Resp: 9  
Ion Ratio Lower Upper  
198 100  
182 106.3 13.0 19.4#  
77 0.0 0.0 0.0

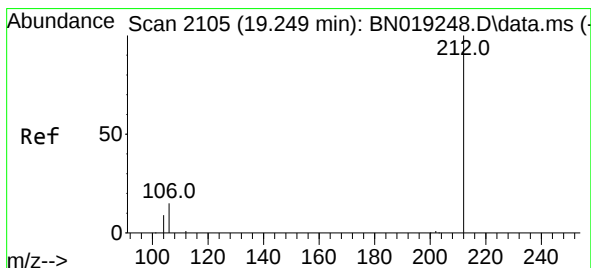
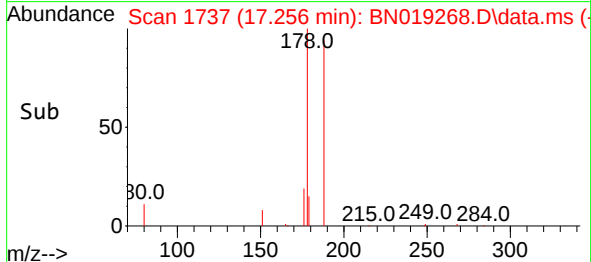
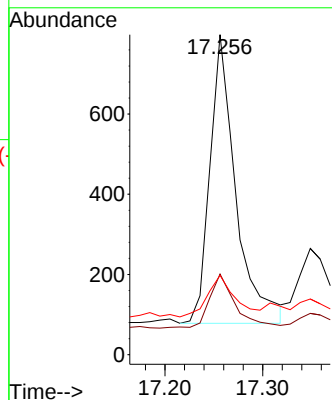
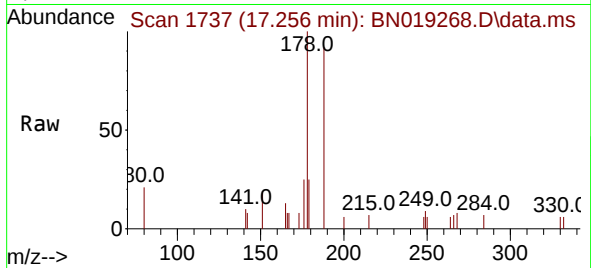




#25  
Phenanthrene  
Concen: 0.029 ng  
RT: 17.256 min Scan# 1737  
Delta R.T. 0.000 min  
Lab File: BN019268.D  
Acq: 01 Apr 2022 00:55

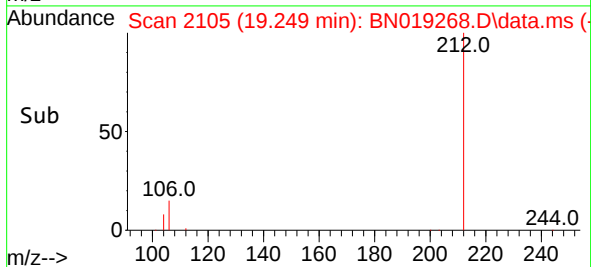
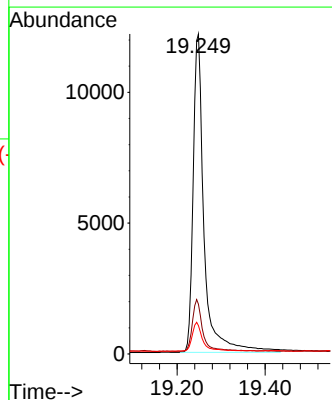
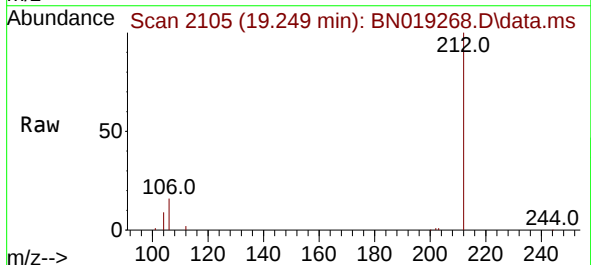
Instrument :  
BNA\_N  
ClientSampleId :  
MW-2R

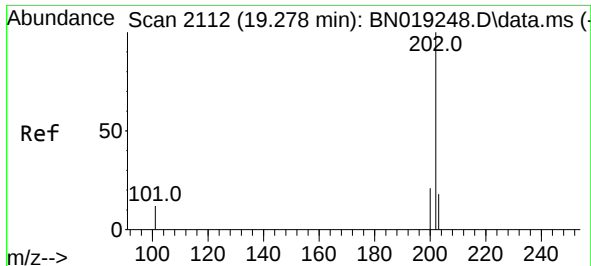
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Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.0  
179 15.4 12.2 18.2



#27  
Fluoranthene-d10  
Concen: 0.483 ng  
RT: 19.249 min Scan# 2105  
Delta R.T. 0.000 min  
Lab File: BN019268.D  
Acq: 01 Apr 2022 00:55

Tgt Ion:212 Resp: 20994  
Ion Ratio Lower Upper  
212 100  
106 15.5 12.7 19.1  
104 9.0 7.1 10.7

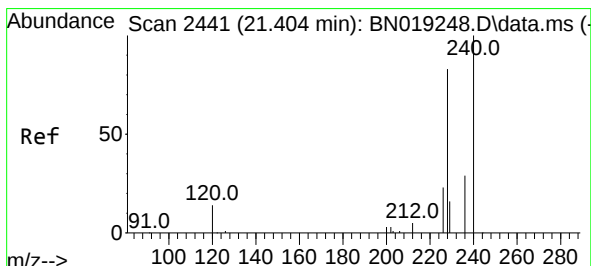
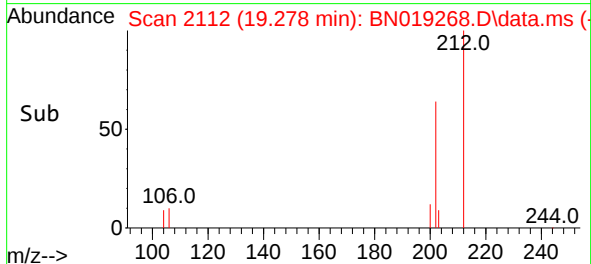
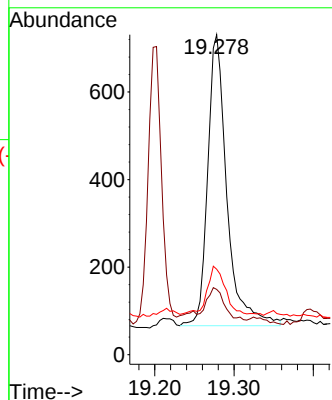
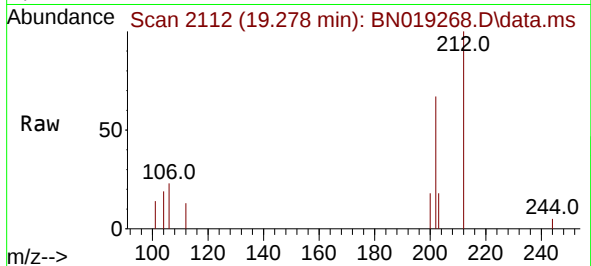




#28  
Fluoranthene  
Concen: 0.021 ng  
RT: 19.278 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: BN019268.D  
Acq: 01 Apr 2022 00:55

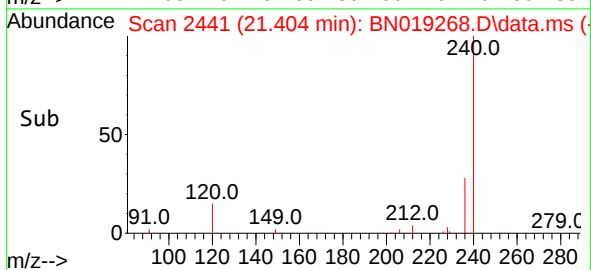
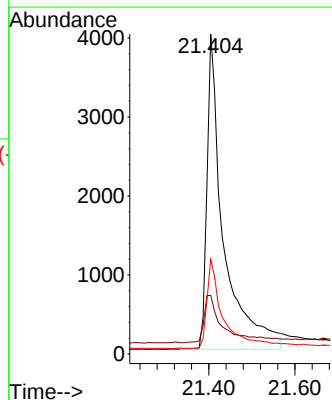
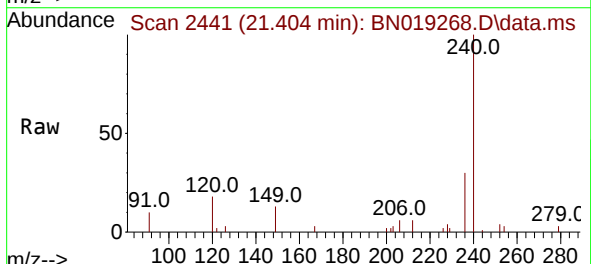
Instrument :  
BNA\_N  
ClientSampleId :  
MW-2R

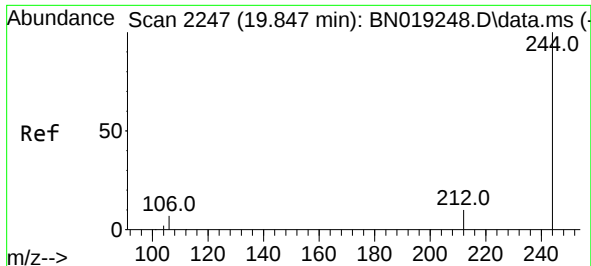
Tgt Ion:202 Resp: 1118  
Ion Ratio Lower Upper  
202 100  
101 10.1 9.8 14.6  
203 18.4 13.7 20.5



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.404 min Scan# 2441  
Delta R.T. 0.000 min  
Lab File: BN019268.D  
Acq: 01 Apr 2022 00:55

Tgt Ion:240 Resp: 10666  
Ion Ratio Lower Upper  
240 100  
120 18.3 8.5 12.7#  
236 29.6 22.4 33.6

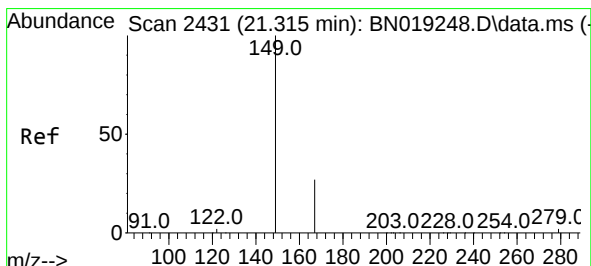
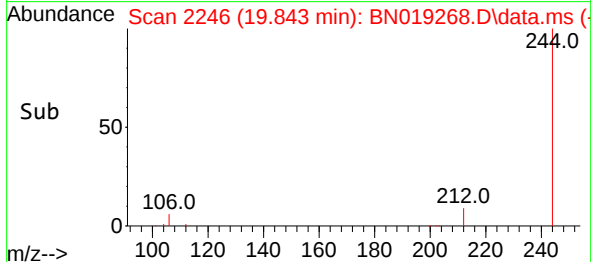
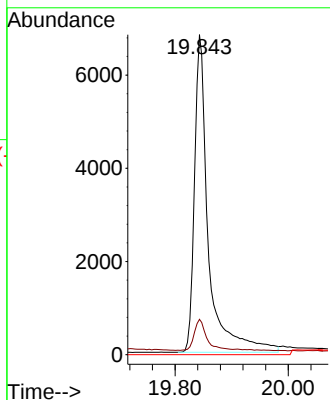
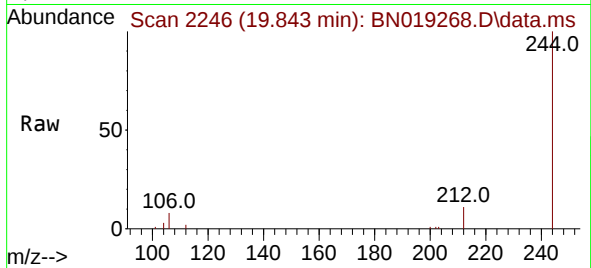




#31  
 Terphenyl-d14  
 Concen: 0.493 ng  
 RT: 19.843 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BN019268.D  
 Acq: 01 Apr 2022 00:55

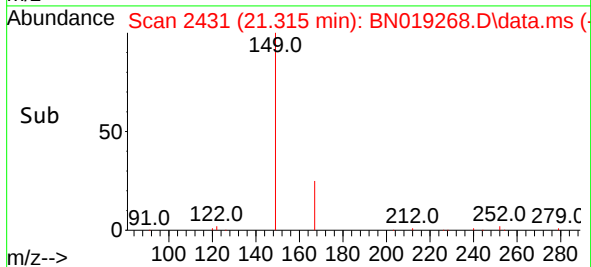
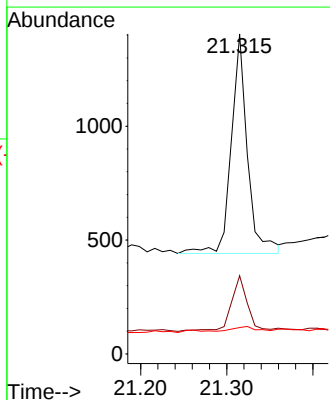
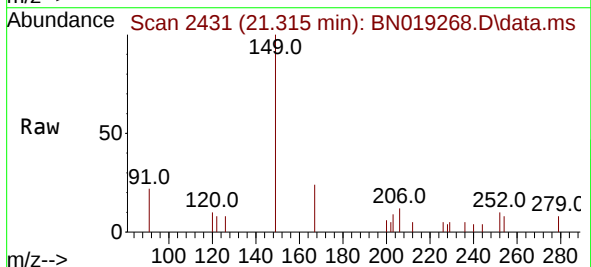
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-2R

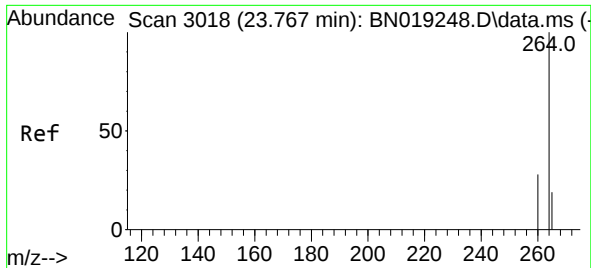
Tgt Ion:244 Resp: 11689  
 Ion Ratio Lower Upper  
 244 100  
 212 11.1 8.2 12.4  
 122 0.0 0.0 0.0



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.057 ng  
 RT: 21.315 min Scan# 2431  
 Delta R.T. -0.000 min  
 Lab File: BN019268.D  
 Acq: 01 Apr 2022 00:55

Tgt Ion:149 Resp: 1263  
 Ion Ratio Lower Upper  
 149 100  
 167 25.8 21.8 32.8  
 279 3.1 2.0 3.0#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.767 min Scan# 30

Delta R.T. -0.000 min

Lab File: BN019268.D

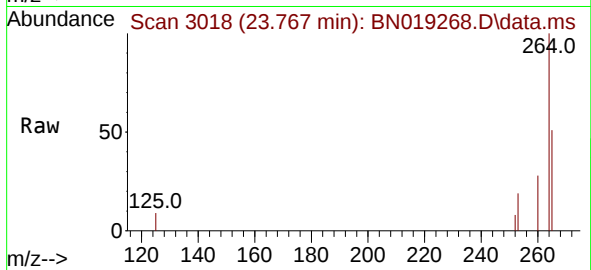
Acq: 01 Apr 2022 00:55

Instrument :

BNA\_N

ClientSampleId :

MW-2R



Tgt Ion:264 Resp: 8230

Ion Ratio Lower Upper

264 100

260 27.8 22.4 33.6

265 50.8 25.3 37.9#

