

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN033122\  
 Data File : BN019292.D  
 Acq On : 01 Apr 2022 17:56  
 Operator : CG/JU  
 Sample : N2220-11  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A04100

Quant Time: Apr 01 21:58:37 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

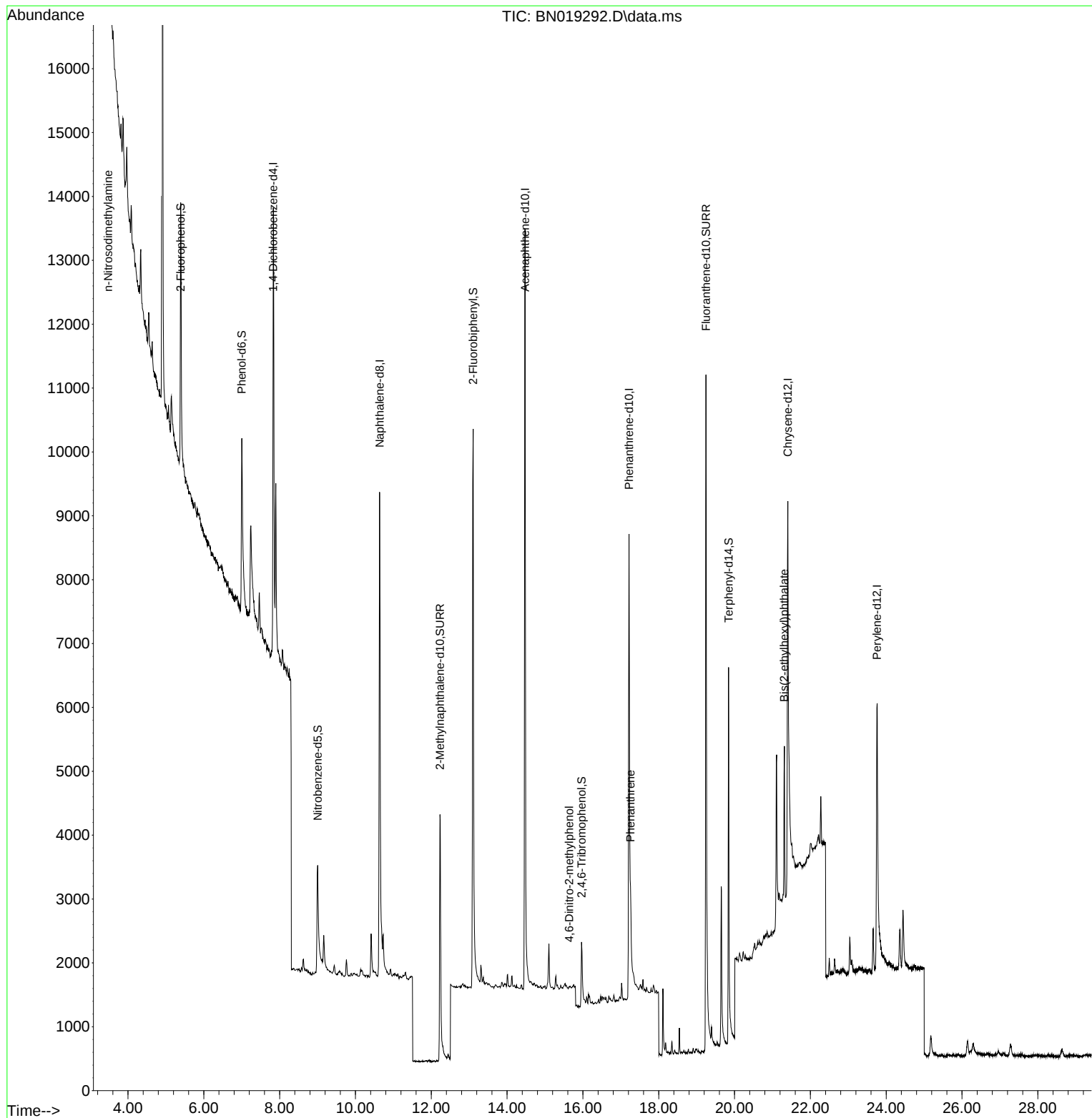
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.833  | 152  | 4358     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.637 | 136  | 12313    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.474 | 164  | 7722     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.215 | 188  | 14391    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.404 | 240  | 10348    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.758 | 264  | 8938     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.392  | 112  | 3798     | 0.399 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.002  | 99   | 3451     | 0.341 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.003  | 82   | 2658     | 0.301 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.231 | 152  | 7293     | 0.373 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.964 | 330  | 865      | 0.239 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 9891     | 0.319 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.249 | 212  | 15609    | 0.361 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.843 | 244  | 8417     | 0.366 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 3) n-Nitrosodimethylamine     | 3.478  | 42   | 1072     | 0.177 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.639 | 198  | 5        | 0.092 | ng    | # 1      |
| 25) Phenanthrene              | 17.256 | 178  | 1025     | 0.023 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.315 | 149  | 2506     | 0.116 | ng    | # 95     |
| -----                         |        |      |          |       |       |          |

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

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Sample : N2220-11  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

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A04100

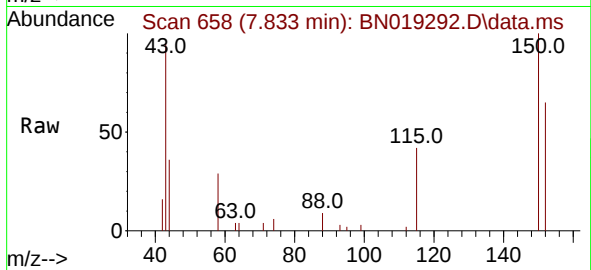
Quant Time: Apr 01 21:58:37 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN033122.M  
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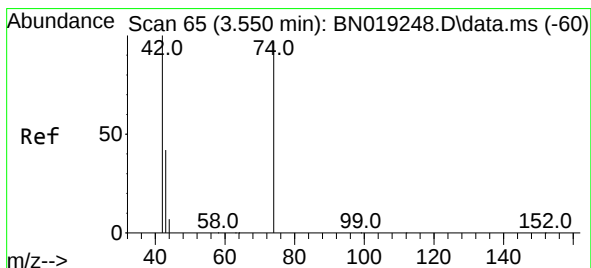
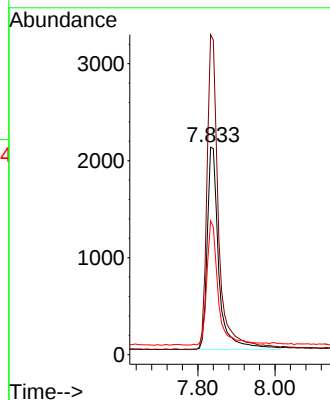
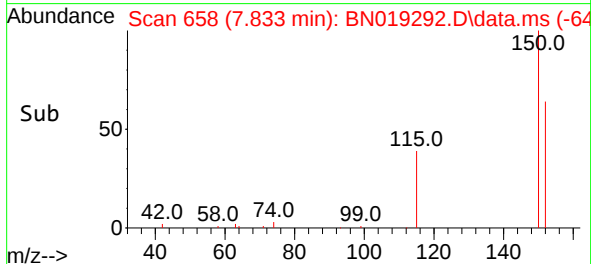


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.833 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN019292.D  
Acq: 01 Apr 2022 17:56

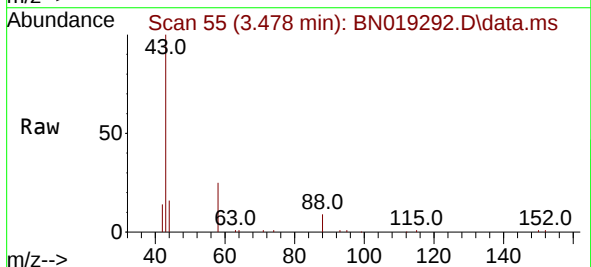
Instrument :  
BNA\_N  
ClientSampleId :  
A04100



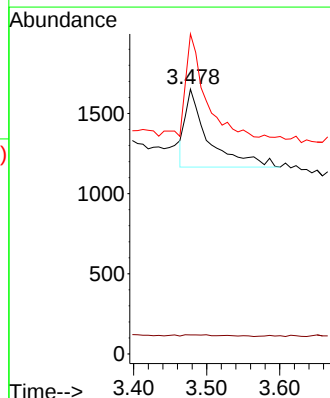
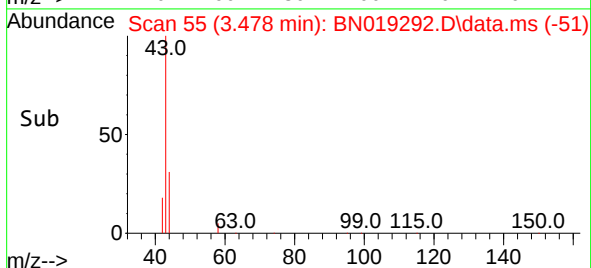
Tgt Ion:152 Resp: 4358  
Ion Ratio Lower Upper  
152 100  
150 154.2 123.9 185.9  
115 64.5 48.2 72.4

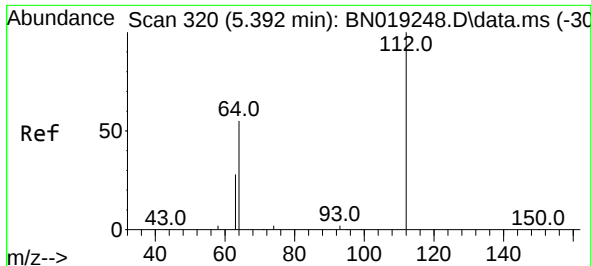


#3  
n-Nitrosodimethylamine  
Concen: 0.177 ng  
RT: 3.478 min Scan# 55  
Delta R.T. -0.072 min  
Lab File: BN019292.D  
Acq: 01 Apr 2022 17:56



Tgt Ion: 42 Resp: 1072  
Ion Ratio Lower Upper  
42 100  
74 1.8 96.9 145.3#  
44 106.4 7.3 10.9#

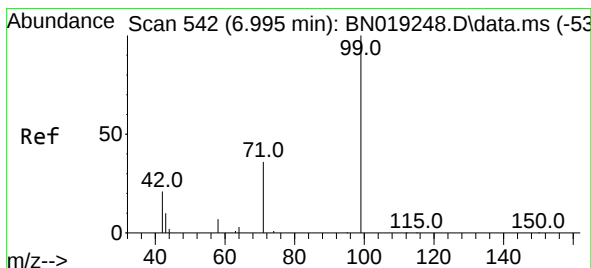
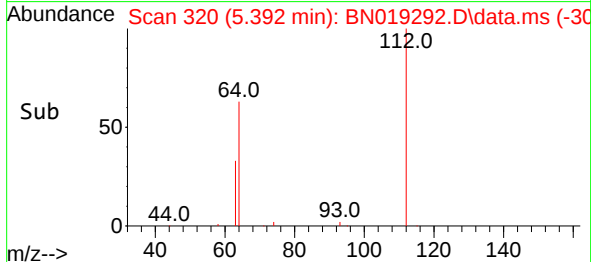
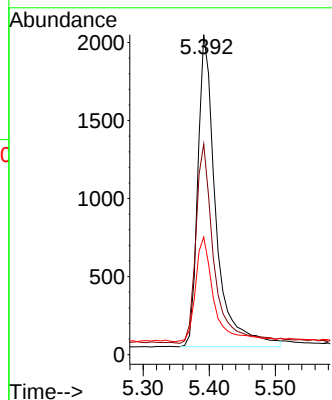
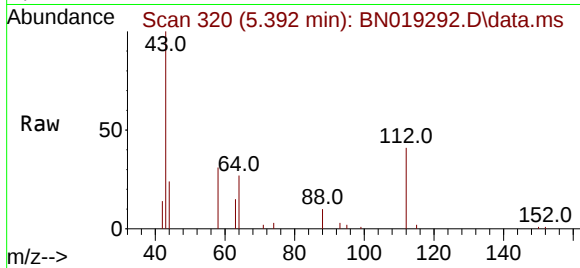




#4  
2-Fluorophenol  
Concen: 0.399 ng  
RT: 5.392 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BN019292.D  
Acq: 01 Apr 2022 17:56

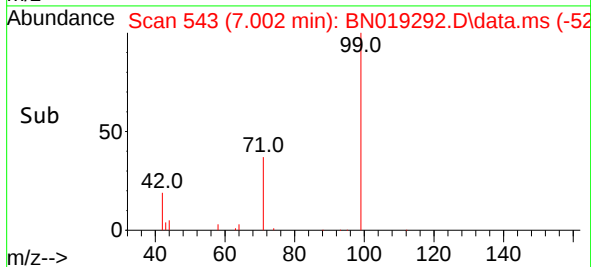
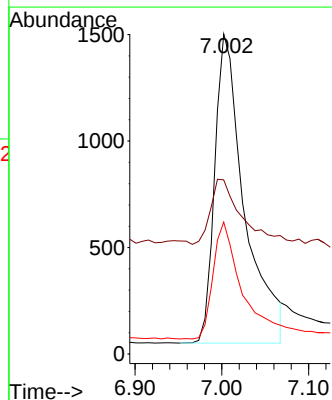
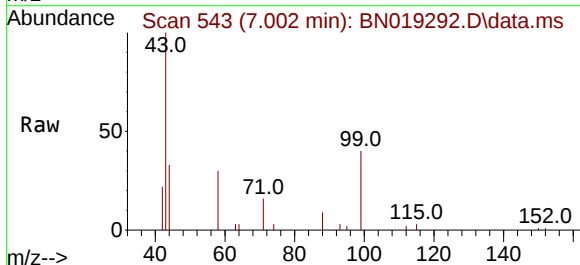
Instrument :  
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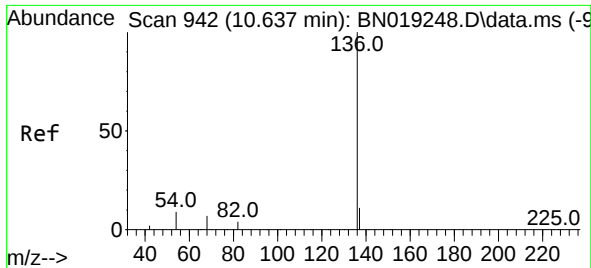
Tgt Ion:112 Resp: 3798  
Ion Ratio Lower Upper  
112 100  
64 65.2 47.8 71.8  
63 34.5 25.7 38.5



#5  
Phenol-d6  
Concen: 0.341 ng  
RT: 7.002 min Scan# 543  
Delta R.T. 0.007 min  
Lab File: BN019292.D  
Acq: 01 Apr 2022 17:56

Tgt Ion: 99 Resp: 3451  
Ion Ratio Lower Upper  
99 100  
42 21.2 16.2 24.4  
71 36.5 27.7 41.5

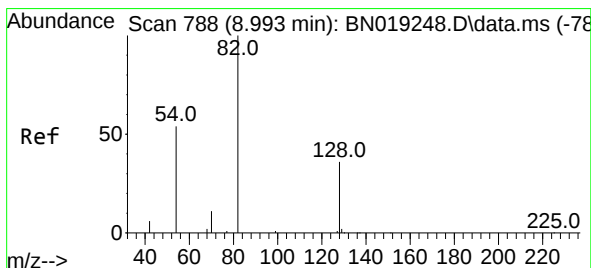
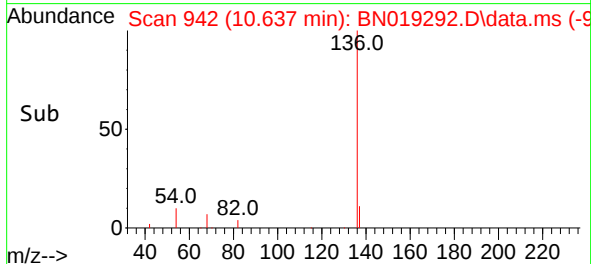
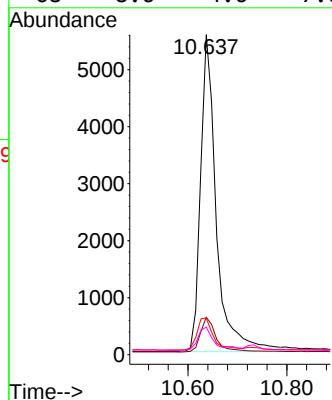
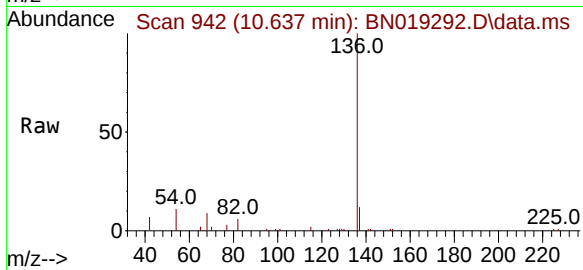




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.637 min Scan# 942  
Delta R.T. -0.000 min  
Lab File: BN019292.D  
Acq: 01 Apr 2022 17:56

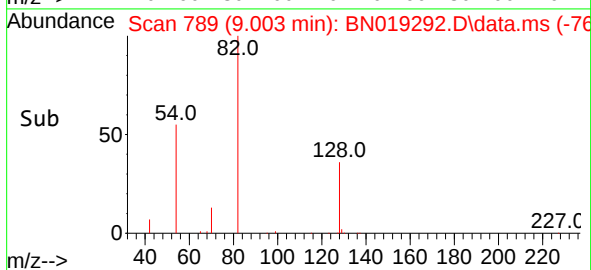
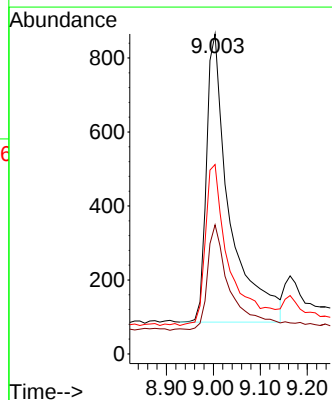
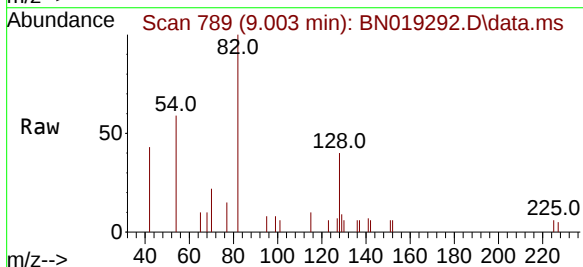
Instrument :  
BNA\_N  
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A04100

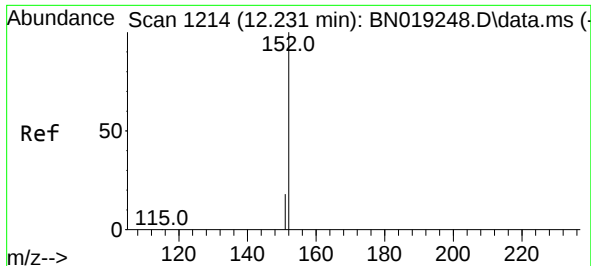
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 12313 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.7  | 9.0   | 13.4  |
| 54        | 11.5  | 5.8   | 8.6#  |
| 68        | 8.6   | 4.6   | 7.0#  |



#8  
Nitrobenzene-d5  
Concen: 0.301 ng  
RT: 9.003 min Scan# 789  
Delta R.T. 0.011 min  
Lab File: BN019292.D  
Acq: 01 Apr 2022 17:56

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 2658 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 40.3  | 33.0  | 49.6 |
| 54        | 59.2  | 42.5  | 63.7 |

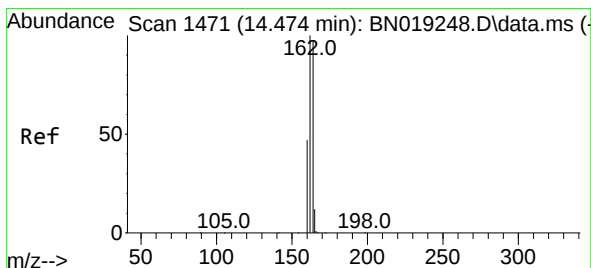
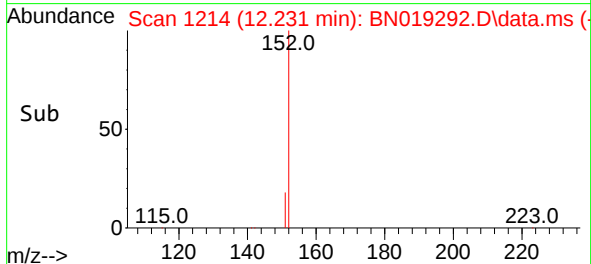
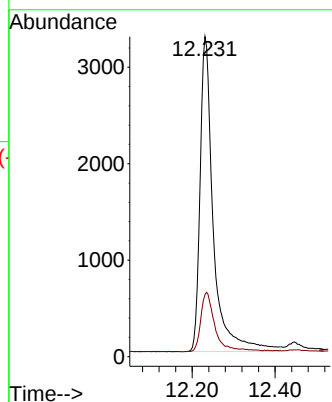
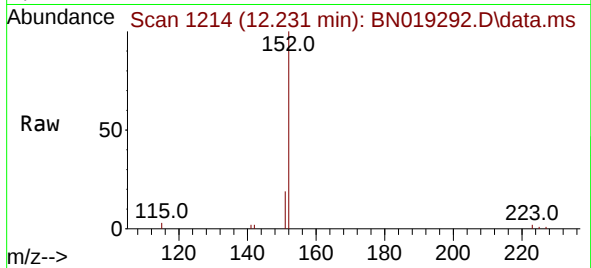




#11  
2-Methylnaphthalene-d10  
Concen: 0.373 ng  
RT: 12.231 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: BN019292.D  
Acq: 01 Apr 2022 17:56

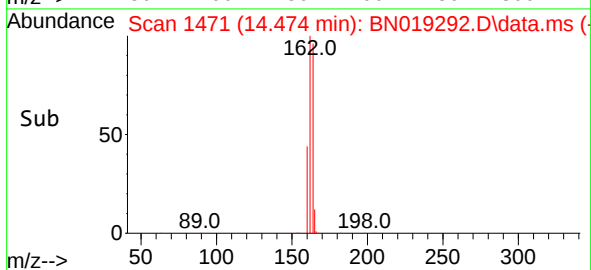
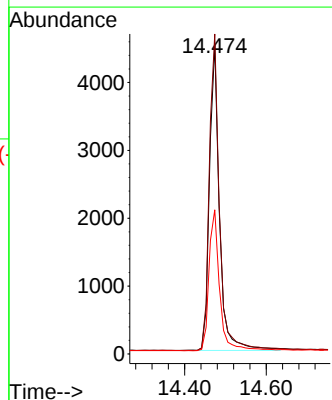
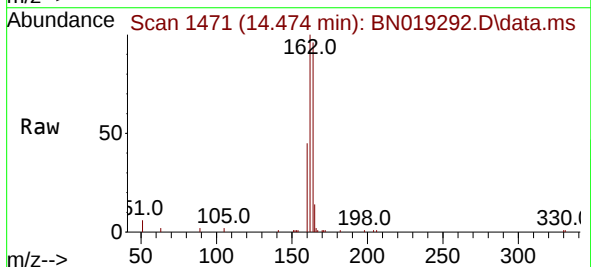
Instrument :  
BNA\_N  
ClientSampleId :  
A04100

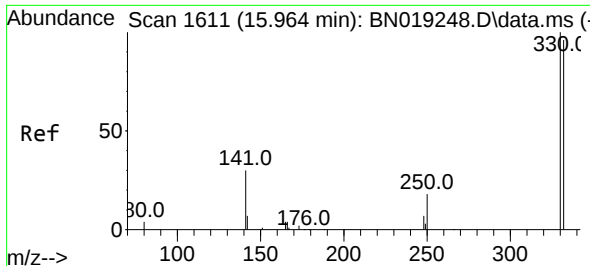
Tgt Ion:152 Resp: 7293  
Ion Ratio Lower Upper  
152 100  
151 19.4 16.5 24.7



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.474 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: BN019292.D  
Acq: 01 Apr 2022 17:56

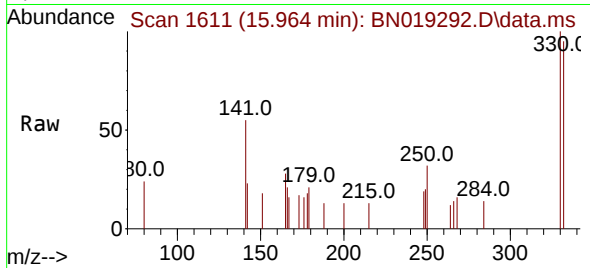
Tgt Ion:164 Resp: 7722  
Ion Ratio Lower Upper  
164 100  
162 103.7 85.2 127.8  
160 46.7 41.5 62.3



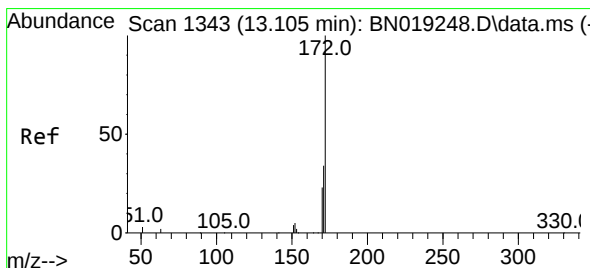
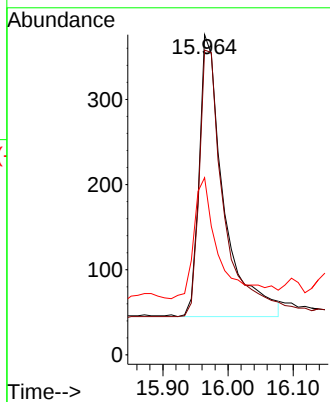
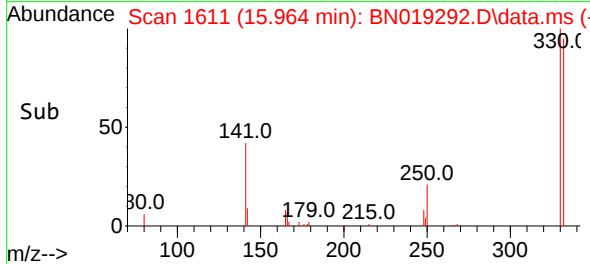


#14  
2,4,6-Tribromophenol  
Concen: 0.239 ng  
RT: 15.964 min Scan# 1611  
Delta R.T. -0.000 min  
Lab File: BN019292.D  
Acq: 01 Apr 2022 17:56

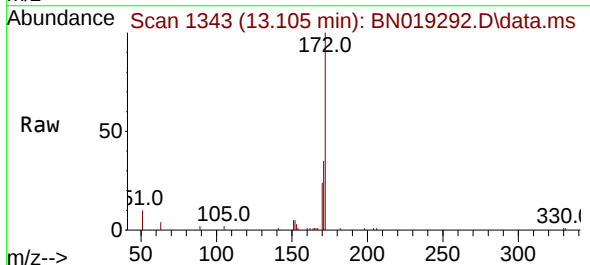
Instrument :  
BNA\_N  
ClientSampleId :  
A04100



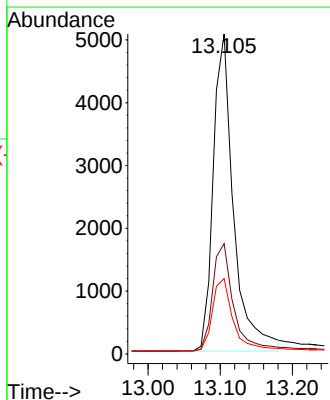
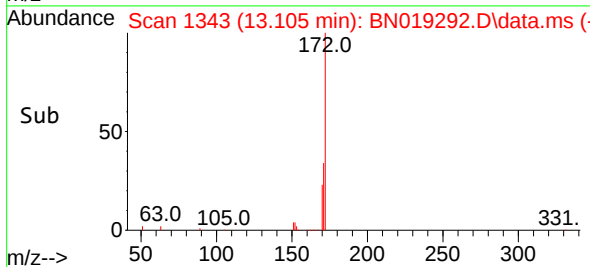
Tgt Ion:330 Resp: 865  
Ion Ratio Lower Upper  
330 100  
332 95.4 76.8 115.2  
141 44.5 32.2 48.2

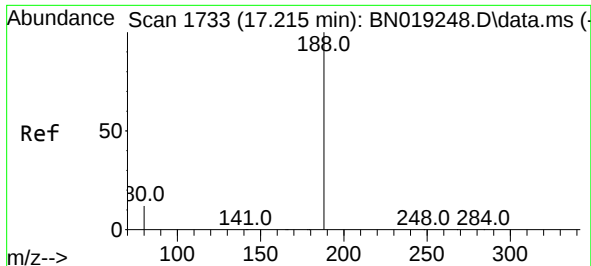


#15  
2-Fluorobiphenyl  
Concen: 0.319 ng  
RT: 13.105 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: BN019292.D  
Acq: 01 Apr 2022 17:56



Tgt Ion:172 Resp: 9891  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.2 42.2  
170 23.6 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: BN019292.D

Acq: 01 Apr 2022 17:56

Instrument :

BNA\_N

ClientSampleId :

A04100

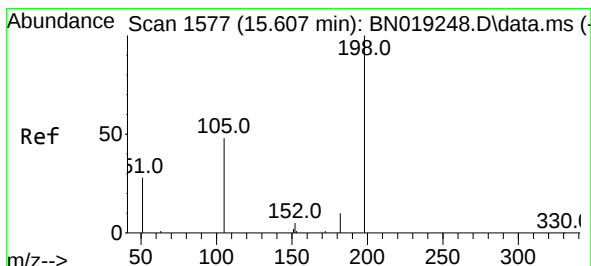
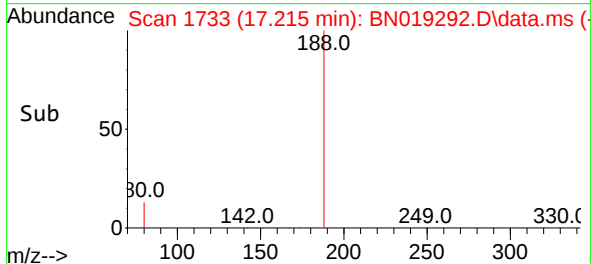
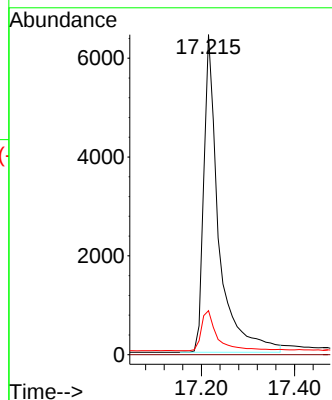
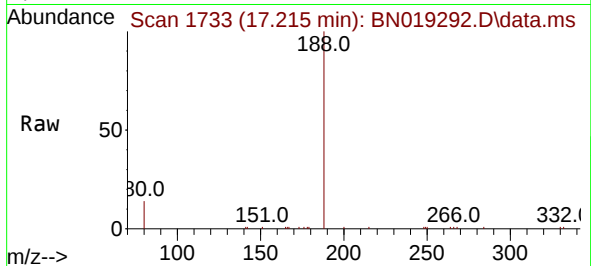
Tgt Ion:188 Resp: 14391

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.8 11.8 17.8



#20

4,6-Dinitro-2-methylphenol

Concen: 0.092 ng

RT: 15.639 min Scan# 1580

Delta R.T. 0.032 min

Lab File: BN019292.D

Acq: 01 Apr 2022 17:56

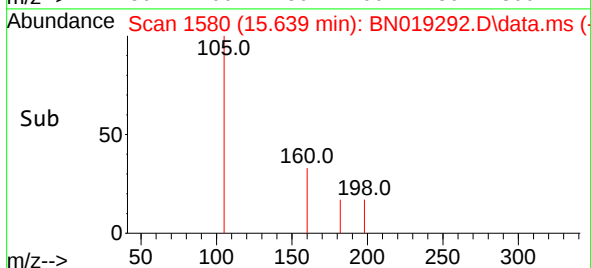
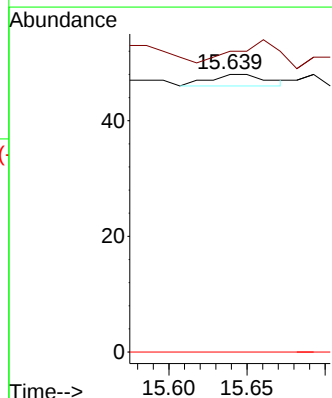
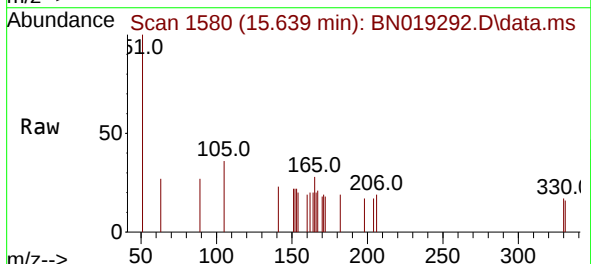
Tgt Ion:198 Resp: 5

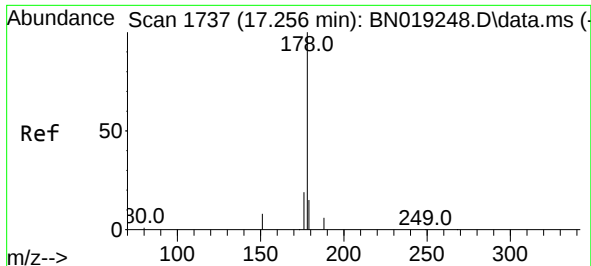
Ion Ratio Lower Upper

198 100

182 108.3 13.0 19.4#

77 0.0 0.0 0.0

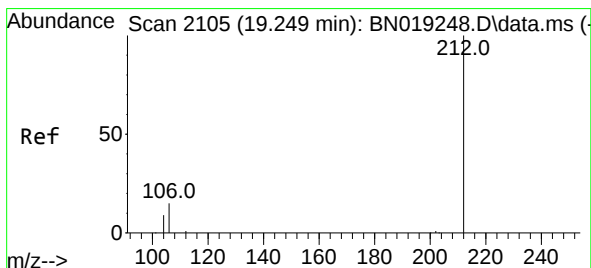
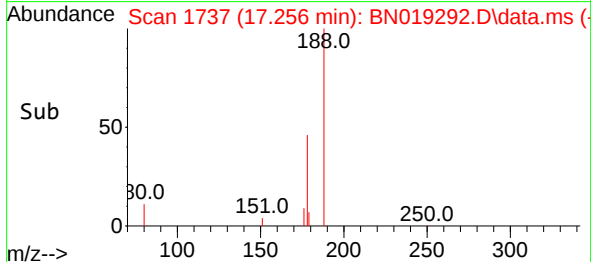
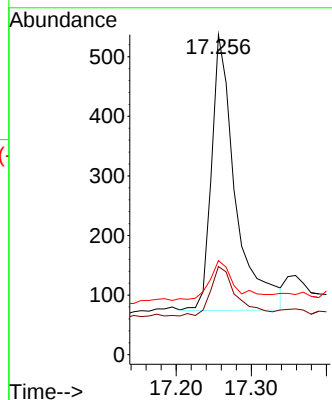
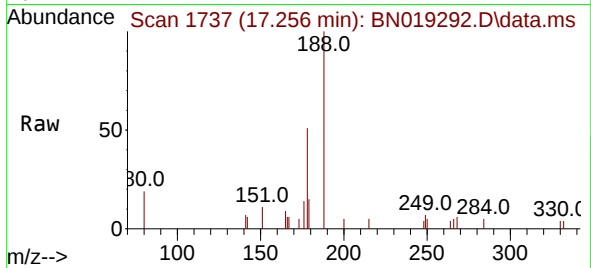




#25  
Phenanthrene  
Concen: 0.023 ng  
RT: 17.256 min Scan# 1737  
Delta R.T. 0.000 min  
Lab File: BN019292.D  
Acq: 01 Apr 2022 17:56

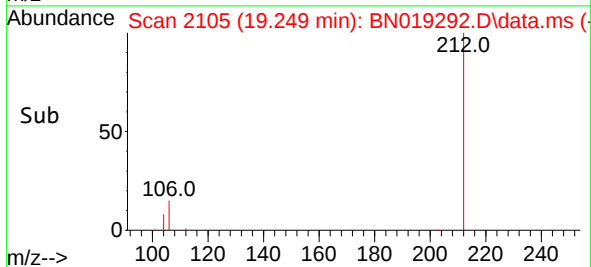
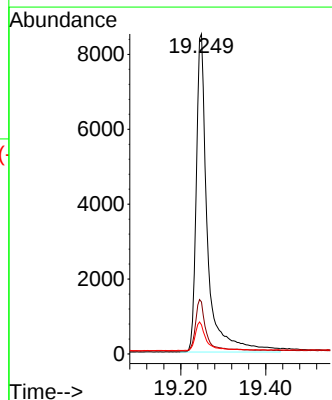
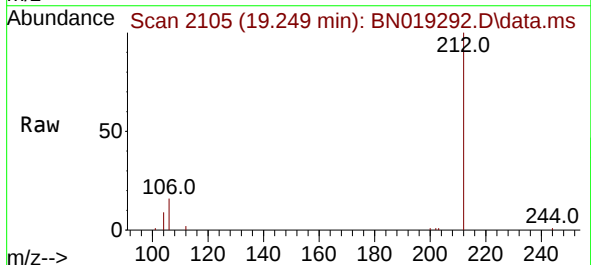
Instrument :  
BNA\_N  
ClientSampleId :  
A04100

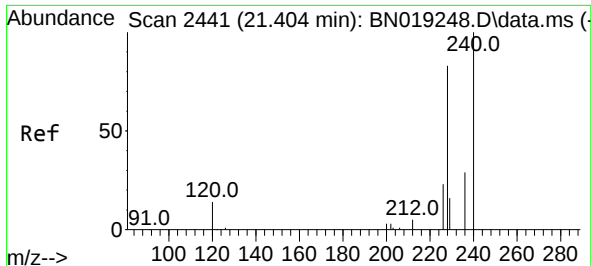
Tgt Ion:178 Resp: 1025  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.0  
179 14.0 12.2 18.2



#27  
Fluoranthene-d10  
Concen: 0.361 ng  
RT: 19.249 min Scan# 2105  
Delta R.T. 0.000 min  
Lab File: BN019292.D  
Acq: 01 Apr 2022 17:56

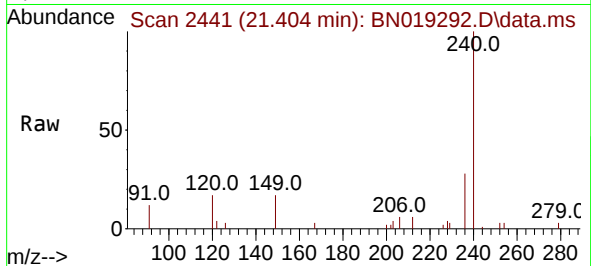
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Ion Ratio Lower Upper  
212 100  
106 14.8 12.7 19.1  
104 8.9 7.1 10.7



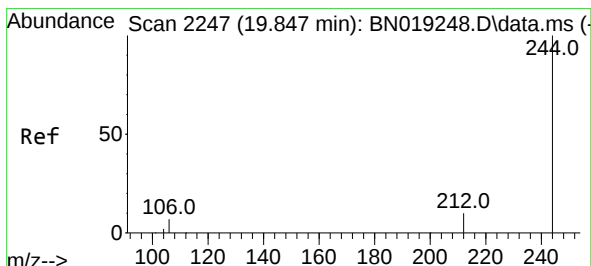
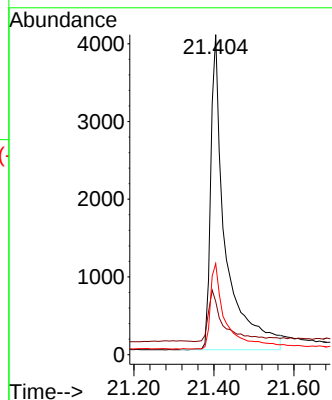
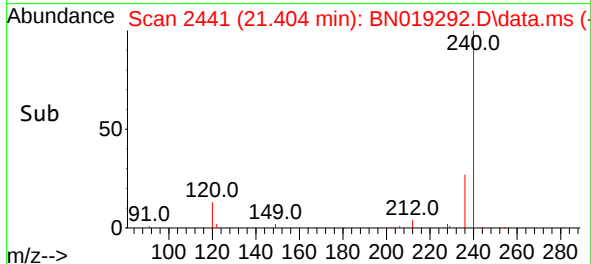


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.404 min Scan# 2441  
Delta R.T. 0.000 min  
Lab File: BN019292.D  
Acq: 01 Apr 2022 17:56

Instrument :  
BNA\_N  
ClientSampleId :  
A04100

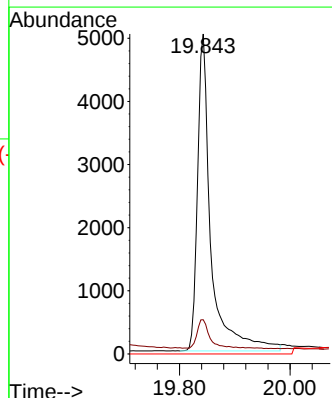
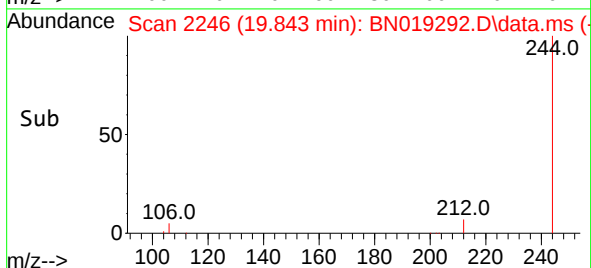
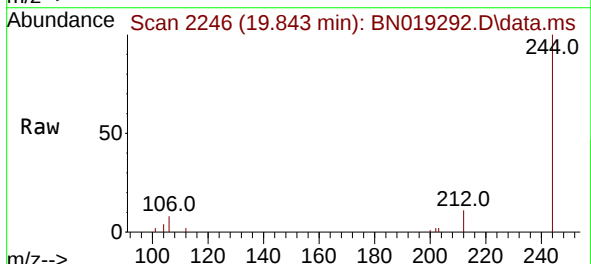


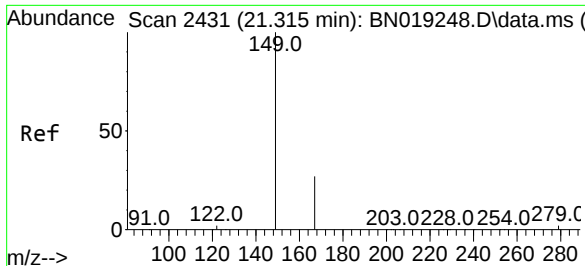
Tgt Ion:240 Resp: 10348  
Ion Ratio Lower Upper  
240 100  
120 16.6 8.5 12.7#  
236 28.5 22.4 33.6



#31  
Terphenyl-d14  
Concen: 0.366 ng  
RT: 19.843 min Scan# 2246  
Delta R.T. -0.004 min  
Lab File: BN019292.D  
Acq: 01 Apr 2022 17:56

Tgt Ion:244 Resp: 8417  
Ion Ratio Lower Upper  
244 100  
212 10.7 8.2 12.4  
122 0.0 0.0 0.0

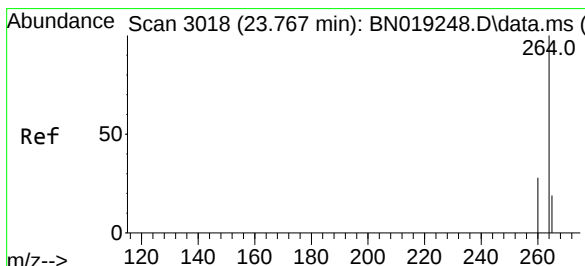
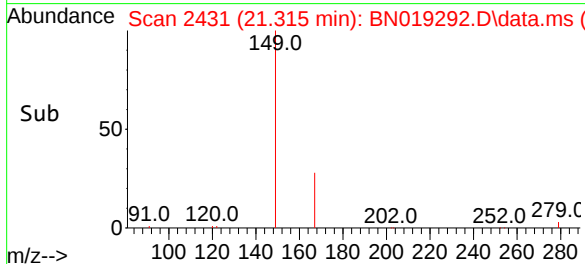
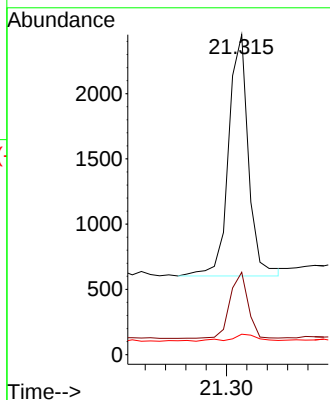
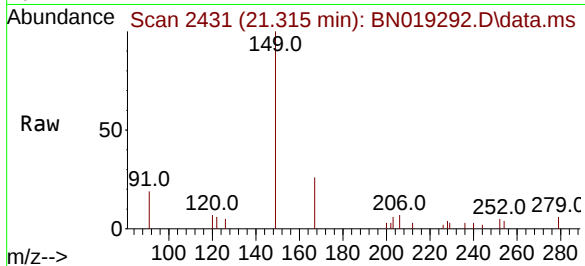




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.116 ng  
RT: 21.315 min Scan# 2431  
Delta R.T. -0.000 min  
Lab File: BN019292.D  
Acq: 01 Apr 2022 17:56

Instrument :  
BNA\_N  
ClientSampleId :  
A04100

Tgt Ion:149 Resp: 2506  
Ion Ratio Lower Upper  
149 100  
167 24.8 21.8 32.8  
279 4.4 2.0 3.0#



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.758 min Scan# 3015  
Delta R.T. -0.009 min  
Lab File: BN019292.D  
Acq: 01 Apr 2022 17:56

Tgt Ion:264 Resp: 8938  
Ion Ratio Lower Upper  
264 100  
260 28.6 22.4 33.6  
265 47.7 25.3 37.9#

