

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032222\  
 Data File : BN019114.D  
 Acq On : 24 Mar 2022 06:20  
 Operator : CG/JU  
 Sample : N2074-13  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE122D3-20220321

Quant Time: Mar 24 07:19:03 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN031722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 17 13:18:23 2022  
 Response via : Initial Calibration

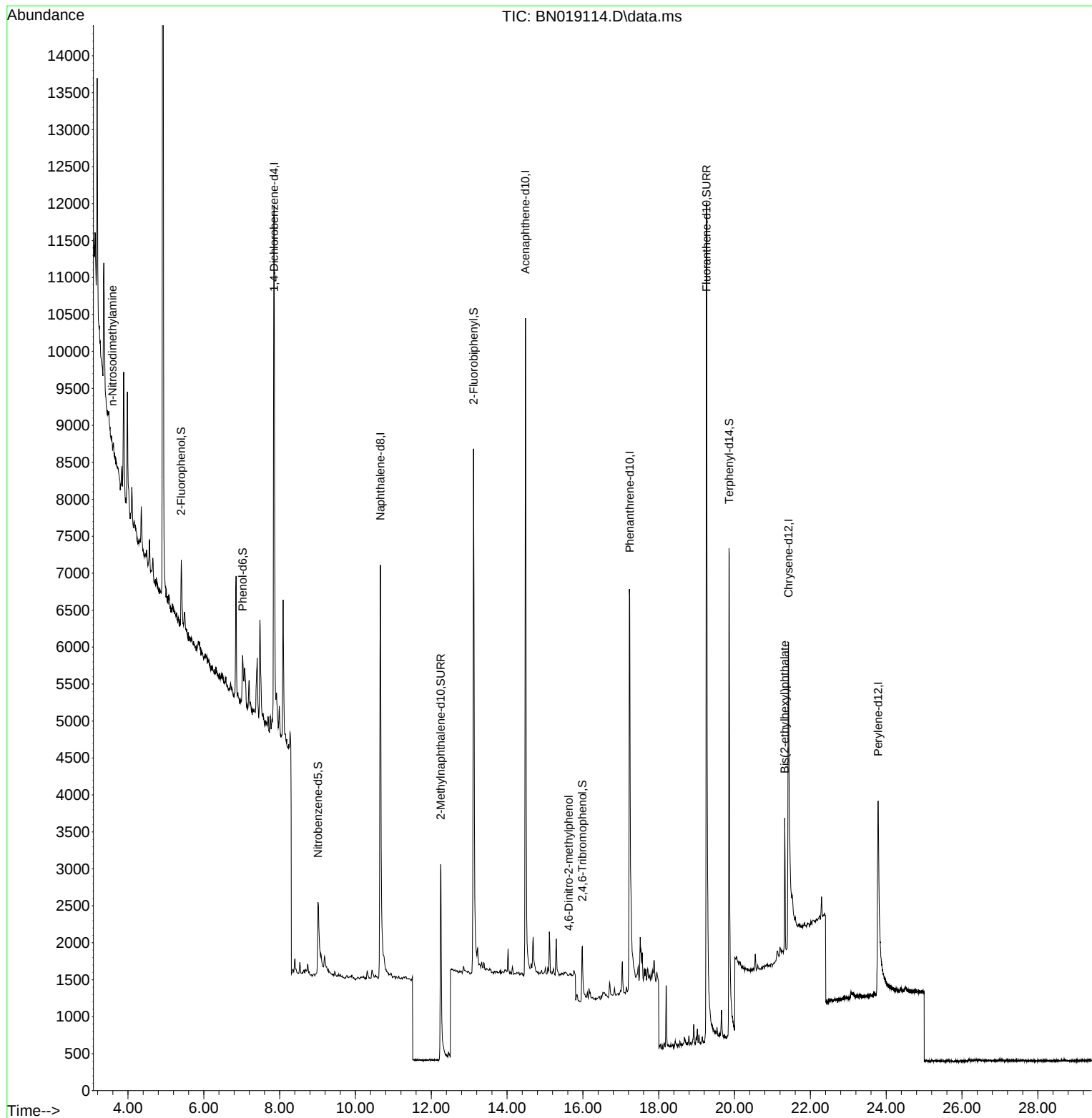
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.854  | 152  | 3866     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.658 | 136  | 9842     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.484 | 164  | 5913     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.236 | 188  | 11951    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.422 | 240  | 8727     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.787 | 264  | 6529     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.406  | 112  | 954      | 0.110 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.024  | 99   | 478      | 0.053 | ng    | 0.01     |
| 8) Nitrobenzene-d5            | 9.014  | 82   | 1736     | 0.245 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.250 | 152  | 5012     | 0.307 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.984 | 330  | 625      | 0.219 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.116 | 172  | 7530     | 0.318 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.261 | 212  | 17261    | 0.487 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.855 | 244  | 10042    | 0.468 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 3) n-Nitrosodimethylamine     | 3.593  | 42   | 120      | 0.022 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.628 | 198  | 2        | 0.110 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.324 | 149  | 1630     | 0.091 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

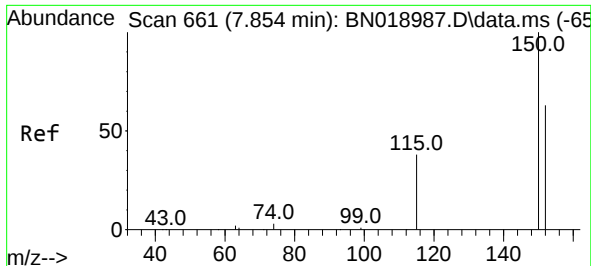
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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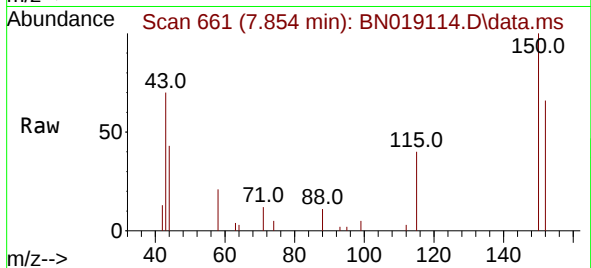
Quant Time: Mar 24 07:19:03 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN031722.M  
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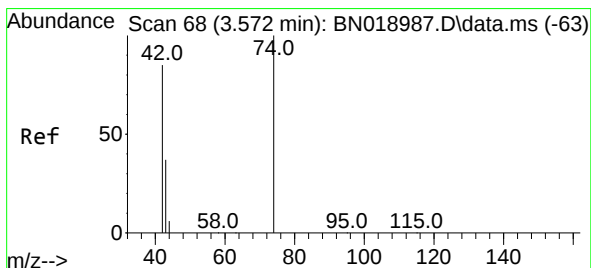
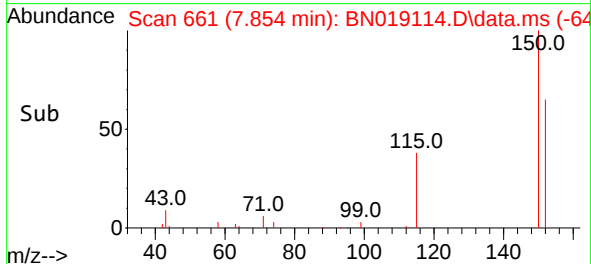
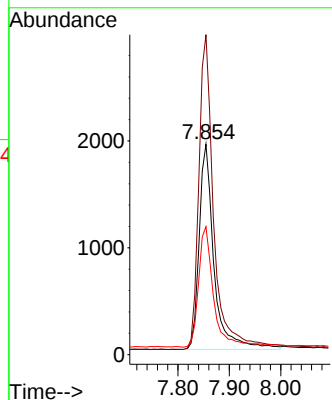


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.854 min Scan# 60  
Delta R.T. 0.000 min  
Lab File: BN019114.D  
Acq: 24 Mar 2022 06:20

Instrument :  
BNA\_N  
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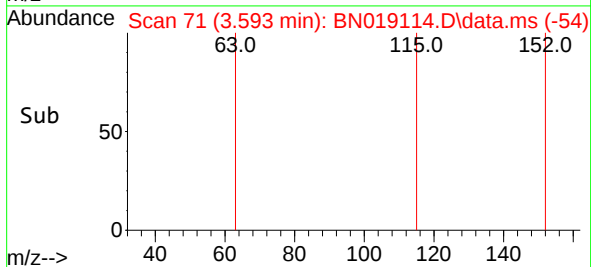
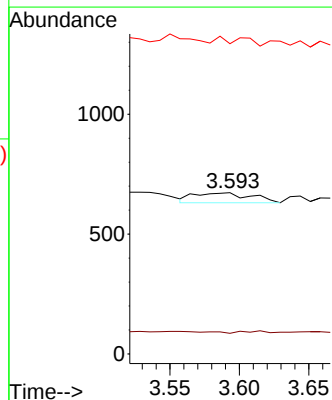
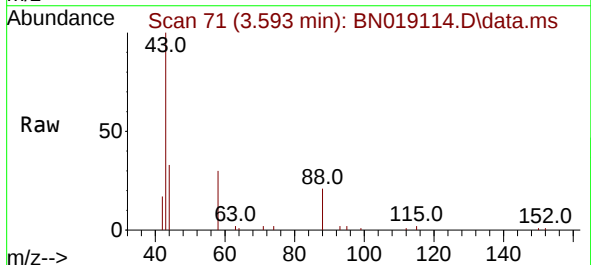


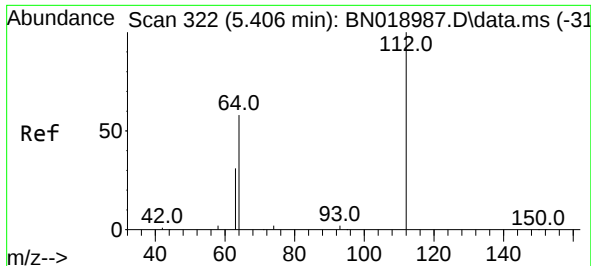
Tgt Ion:152 Resp: 3866  
Ion Ratio Lower Upper  
152 100  
150 152.1 123.9 185.9  
115 60.8 48.2 72.4



#3  
n-Nitrosodimethylamine  
Concen: 0.022 ng  
RT: 3.593 min Scan# 71  
Delta R.T. 0.022 min  
Lab File: BN019114.D  
Acq: 24 Mar 2022 06:20

Tgt Ion: 42 Resp: 120  
Ion Ratio Lower Upper  
42 100  
74 0.0 96.9 145.3#  
44 11.7 7.3 10.9#

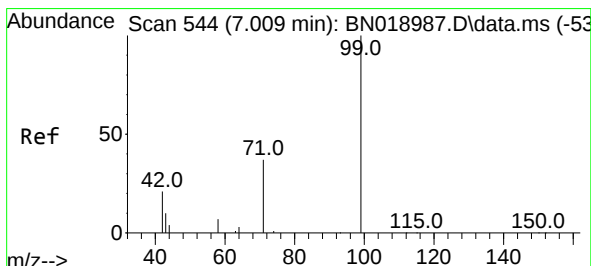
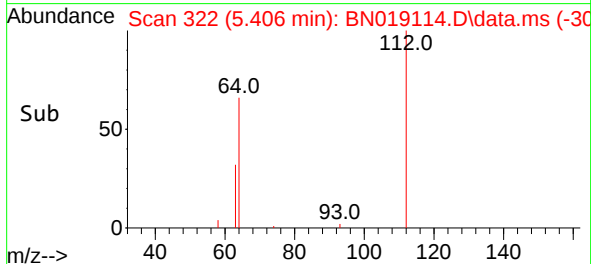
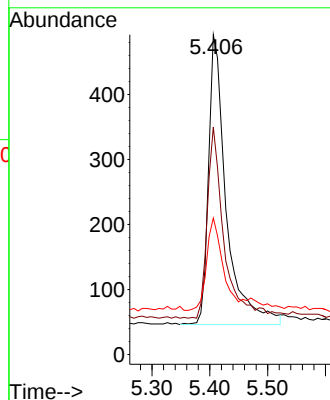
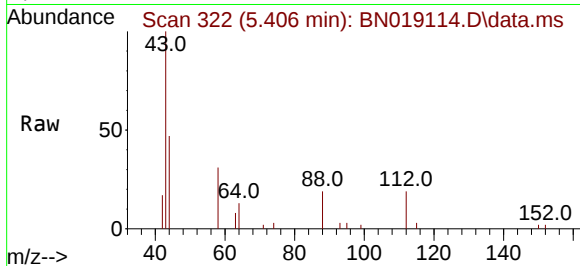




#4  
2-Fluorophenol  
Concen: 0.110 ng  
RT: 5.406 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BN019114.D  
Acq: 24 Mar 2022 06:20

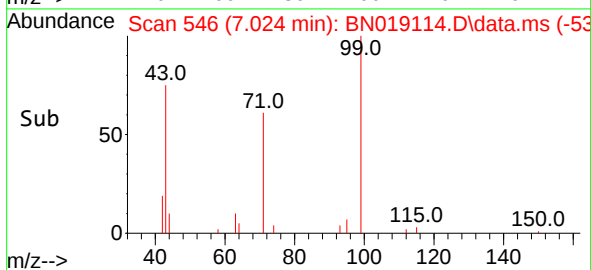
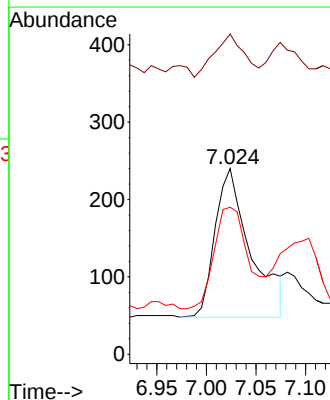
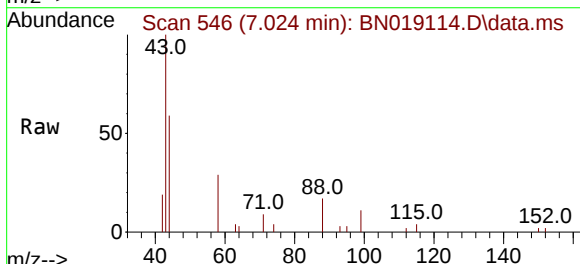
Instrument :  
BNA\_N  
ClientSampleId :  
RE122D3-20220321

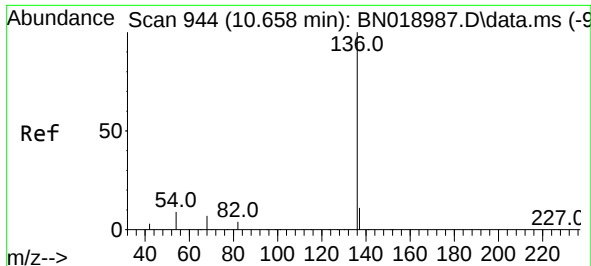
Tgt Ion:112 Resp: 954  
Ion Ratio Lower Upper  
112 100  
64 62.9 47.8 71.8  
63 30.2 25.7 38.5



#5  
Phenol-d6  
Concen: 0.053 ng  
RT: 7.024 min Scan# 546  
Delta R.T. 0.014 min  
Lab File: BN019114.D  
Acq: 24 Mar 2022 06:20

Tgt Ion: 99 Resp: 478  
Ion Ratio Lower Upper  
99 100  
42 24.5 16.2 24.4#  
71 66.5 27.7 41.5#

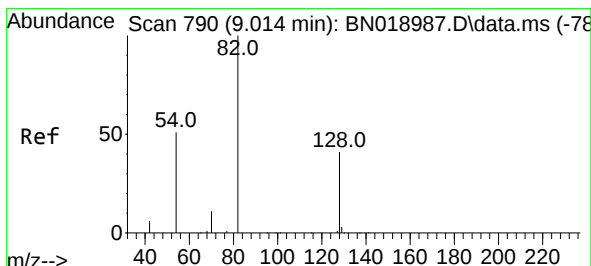
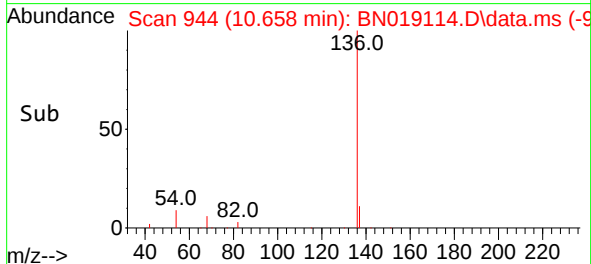
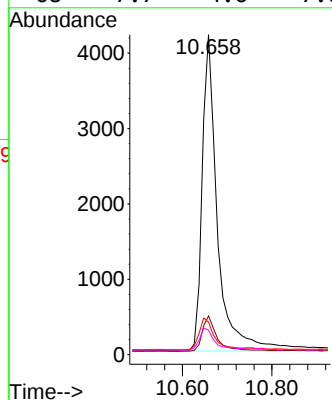
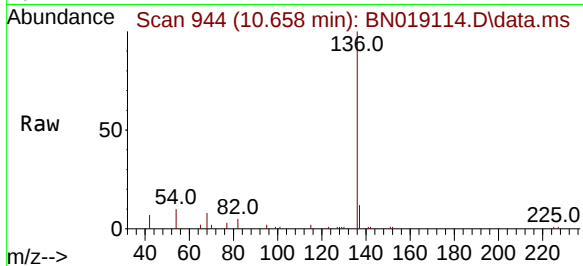




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.658 min Scan# 944  
Delta R.T. -0.000 min  
Lab File: BN019114.D  
Acq: 24 Mar 2022 06:20

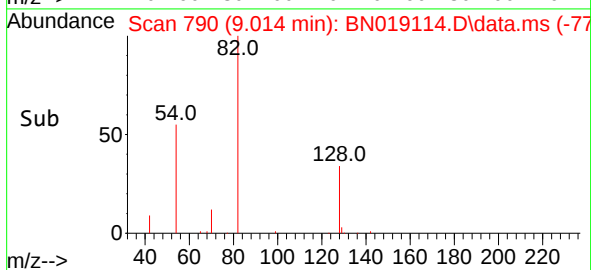
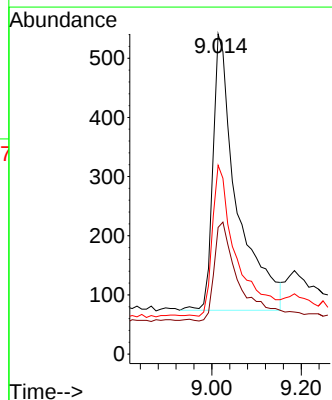
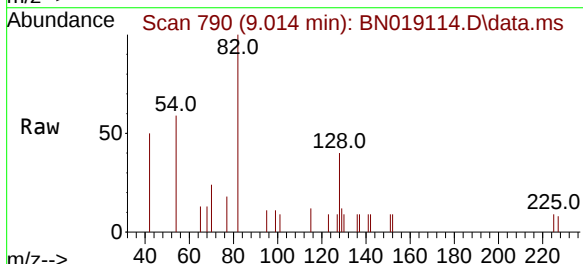
Instrument :  
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RE122D3-20220321

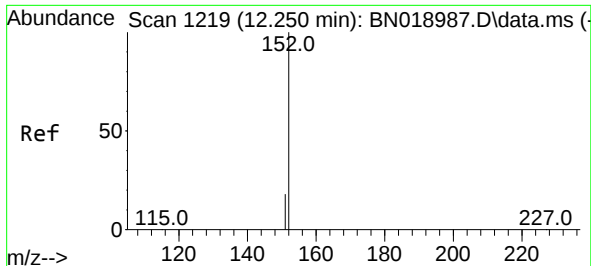
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 9842  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.1  | 9.0   | 13.4  |
| 54       | 10.2  | 5.8   | 8.6#  |
| 68       | 7.7   | 4.6   | 7.0#  |



#8  
Nitrobenzene-d5  
Concen: 0.245 ng  
RT: 9.014 min Scan# 790  
Delta R.T. -0.000 min  
Lab File: BN019114.D  
Acq: 24 Mar 2022 06:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1736  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 39.6  | 33.0  | 49.6  |
| 54       | 59.0  | 42.5  | 63.7  |

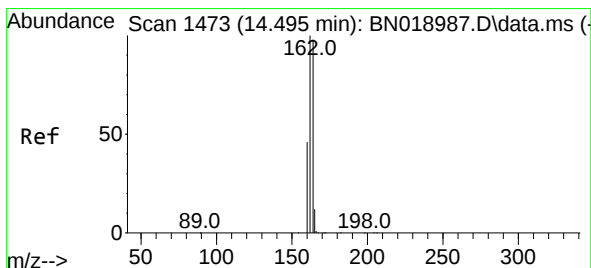
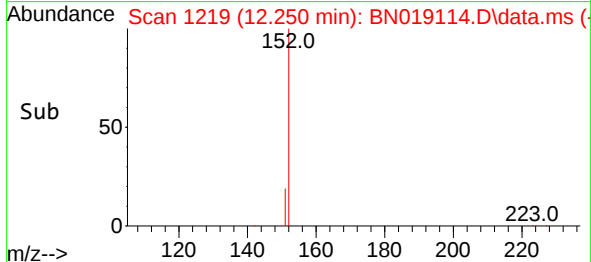
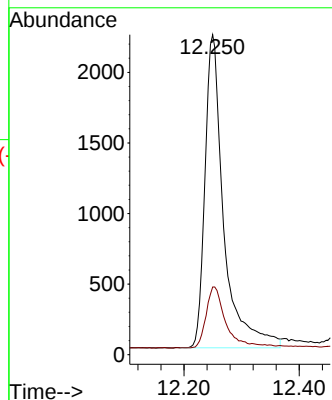
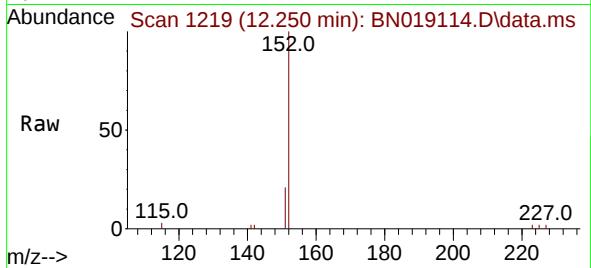




#11  
2-Methylnaphthalene-d10  
Concen: 0.307 ng  
RT: 12.250 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN019114.D  
Acq: 24 Mar 2022 06:20

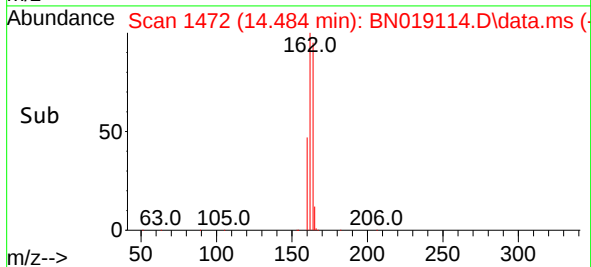
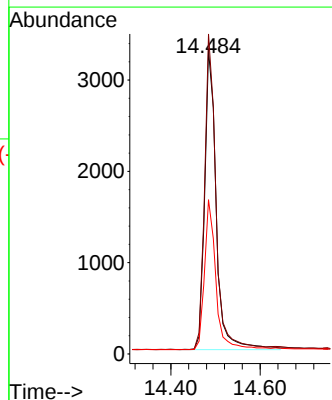
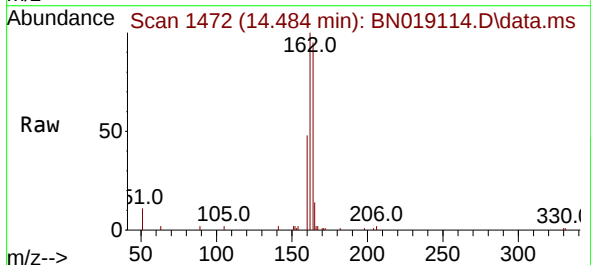
Instrument :  
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ClientSampleId :  
RE122D3-20220321

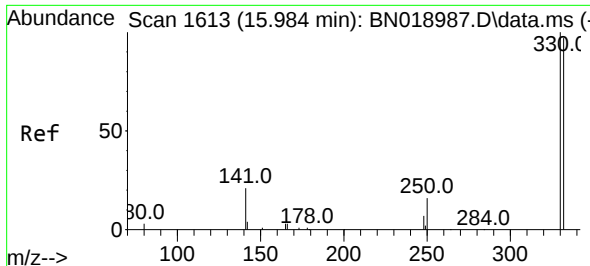
Tgt Ion:152 Resp: 5012  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.5 24.7



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.484 min Scan# 1472  
Delta R.T. -0.011 min  
Lab File: BN019114.D  
Acq: 24 Mar 2022 06:20

Tgt Ion:164 Resp: 5913  
Ion Ratio Lower Upper  
164 100  
162 105.4 85.2 127.8  
160 50.8 41.5 62.3

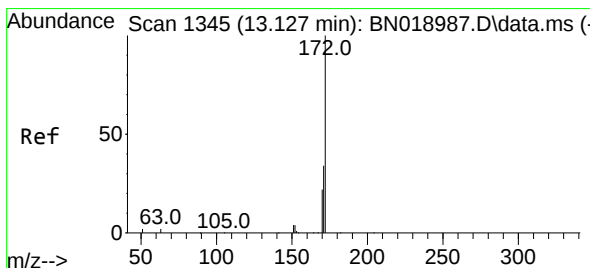
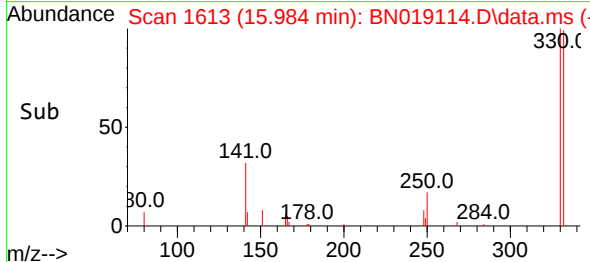
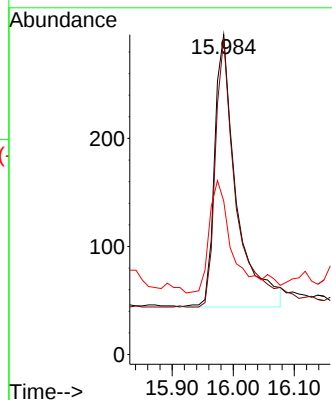
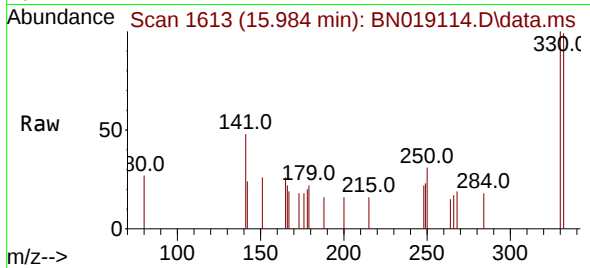




#14  
2,4,6-Tribromophenol  
Concen: 0.219 ng  
RT: 15.984 min Scan# 1613  
Delta R.T. -0.000 min  
Lab File: BN019114.D  
Acq: 24 Mar 2022 06:20

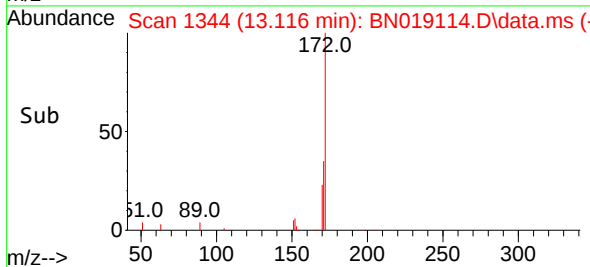
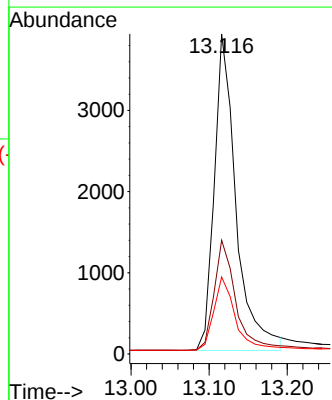
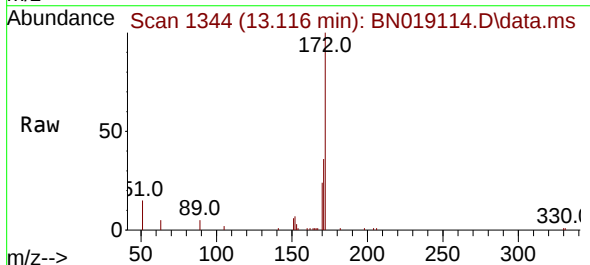
Instrument :  
BNA\_N  
ClientSampleId :  
RE122D3-20220321

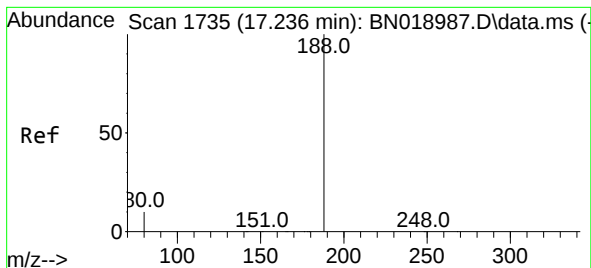
Tgt Ion:330 Resp: 625  
Ion Ratio Lower Upper  
330 100  
332 92.5 76.8 115.2  
141 45.8 32.2 48.2



#15  
2-Fluorobiphenyl  
Concen: 0.318 ng  
RT: 13.116 min Scan# 1344  
Delta R.T. -0.011 min  
Lab File: BN019114.D  
Acq: 24 Mar 2022 06:20

Tgt Ion:172 Resp: 7530  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.2 42.2  
170 24.1 18.7 28.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.236 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN019114.D

Acq: 24 Mar 2022 06:20

Instrument :

BNA\_N

ClientSampleId :

RE122D3-20220321

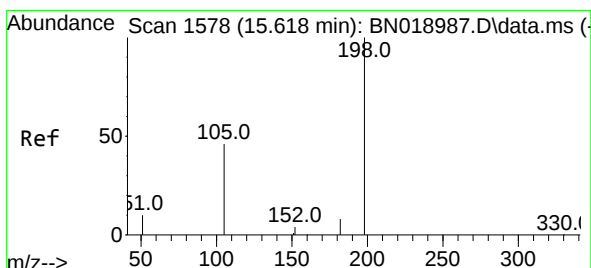
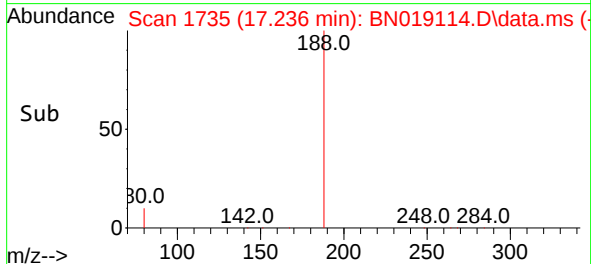
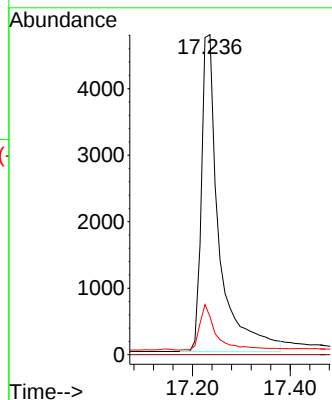
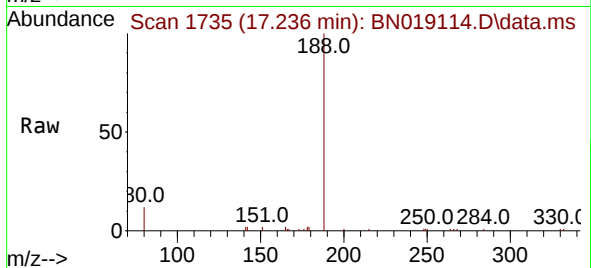
Tgt Ion:188 Resp: 11951

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 11.8 17.8



#20

4,6-Dinitro-2-methylphenol

Concen: 0.110 ng

RT: 15.628 min Scan# 1579

Delta R.T. 0.010 min

Lab File: BN019114.D

Acq: 24 Mar 2022 06:20

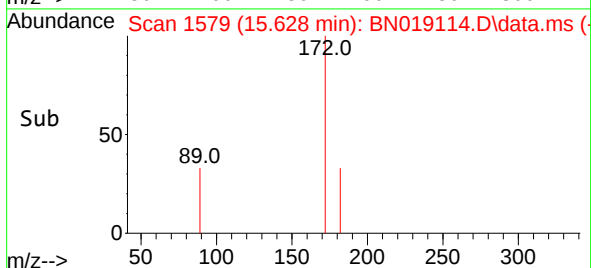
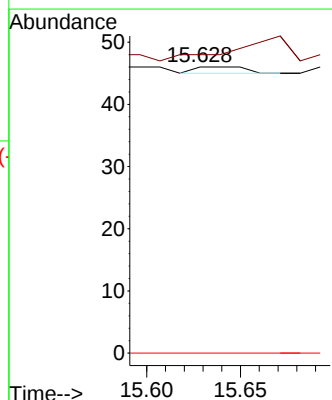
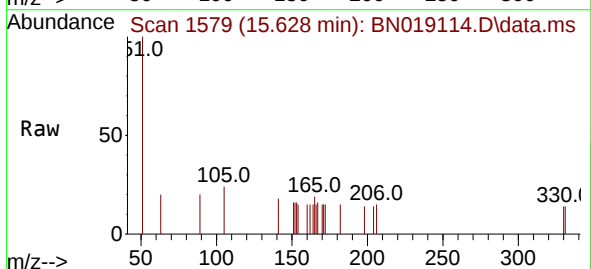
Tgt Ion:198 Resp: 2

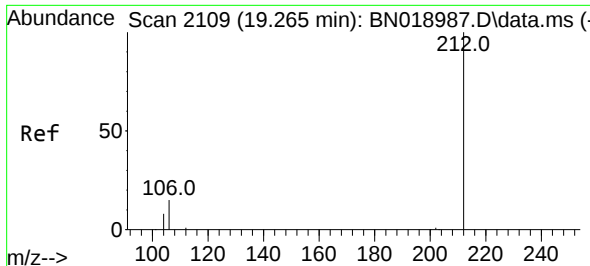
Ion Ratio Lower Upper

198 100

182 104.3 13.0 19.4#

77 0.0 0.0 0.0

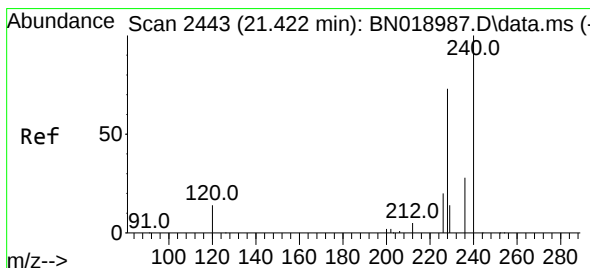
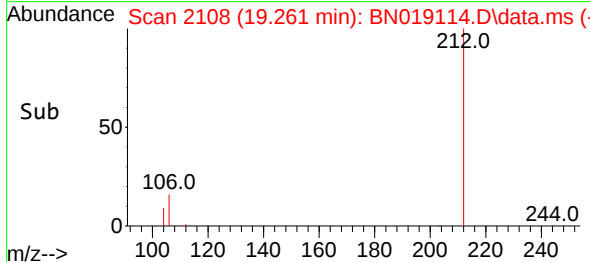
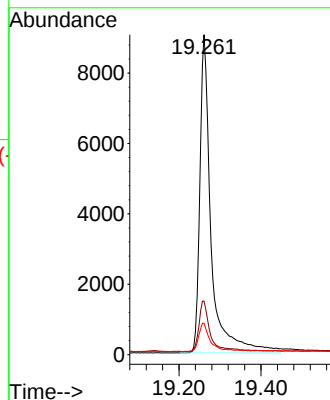
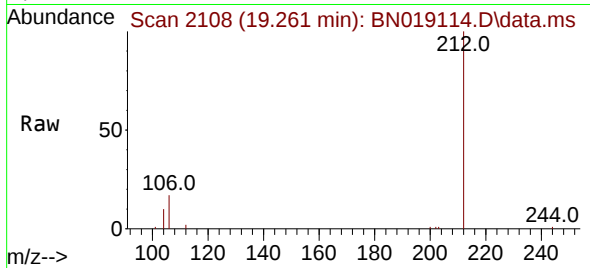




#27  
Fluoranthene-d10  
Concen: 0.487 ng  
RT: 19.261 min Scan# 2108  
Delta R.T. -0.004 min  
Lab File: BN019114.D  
Acq: 24 Mar 2022 06:20

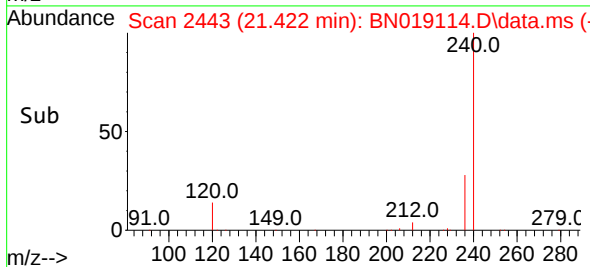
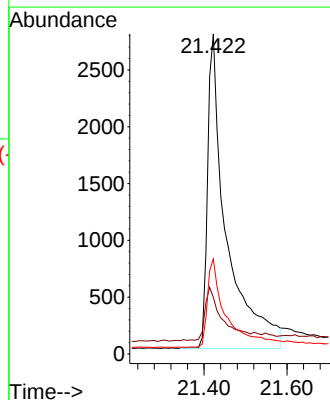
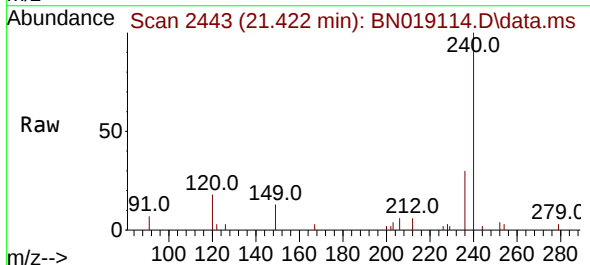
Instrument :  
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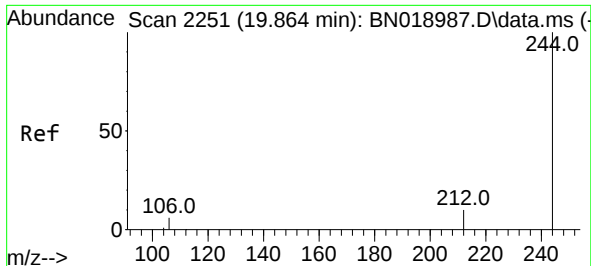
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Ion Ratio Lower Upper  
212 100  
106 15.7 12.7 19.1  
104 8.9 7.1 10.7



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.422 min Scan# 2443  
Delta R.T. -0.000 min  
Lab File: BN019114.D  
Acq: 24 Mar 2022 06:20

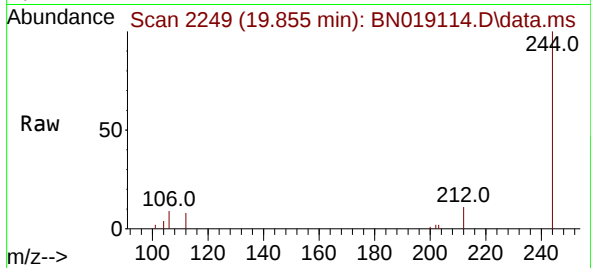
Tgt Ion:240 Resp: 8727  
Ion Ratio Lower Upper  
240 100  
120 17.7 8.5 12.7#  
236 29.7 22.4 33.6



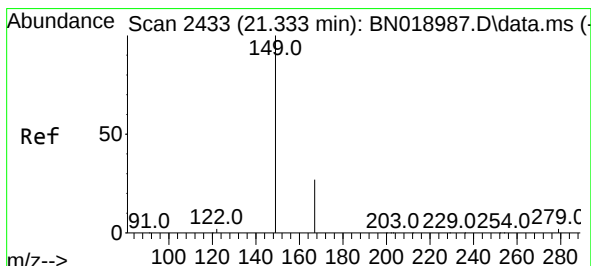
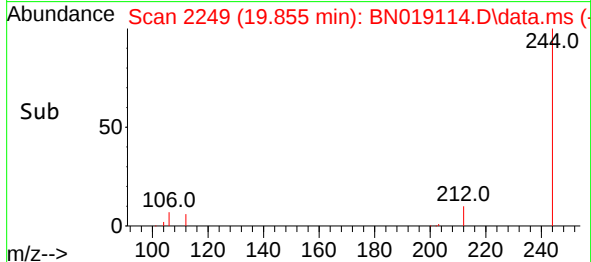
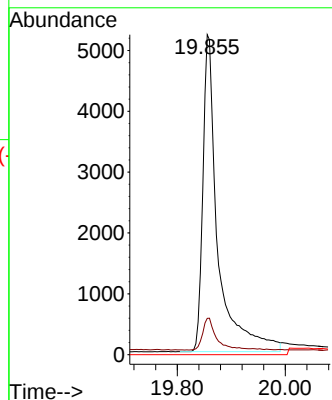


#31  
 Terphenyl-d14  
 Concen: 0.468 ng  
 RT: 19.855 min Scan# 21  
 Delta R.T. -0.008 min  
 Lab File: BN019114.D  
 Acq: 24 Mar 2022 06:20

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE122D3-20220321

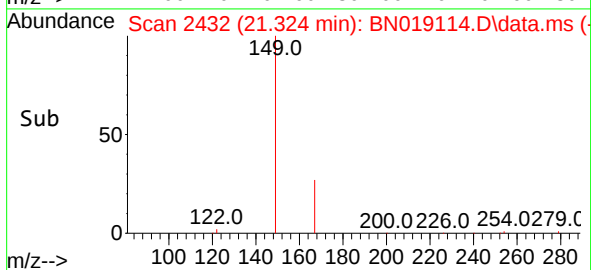
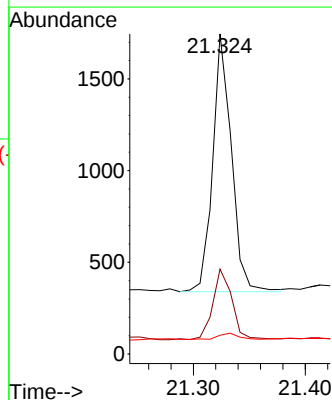
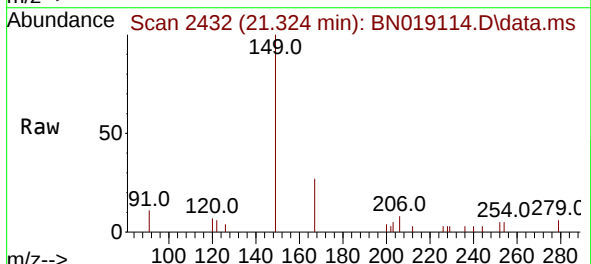


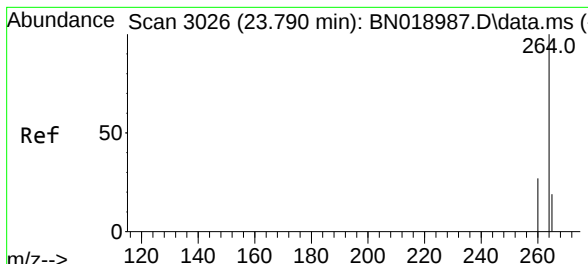
Tgt Ion:244 Resp: 10042  
 Ion Ratio Lower Upper  
 244 100  
 212 11.4 8.2 12.4  
 122 0.0 0.0 0.0



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.091 ng  
 RT: 21.324 min Scan# 2432  
 Delta R.T. -0.009 min  
 Lab File: BN019114.D  
 Acq: 24 Mar 2022 06:20

Tgt Ion:149 Resp: 1630  
 Ion Ratio Lower Upper  
 149 100  
 167 28.4 21.8 32.8  
 279 2.5 2.0 3.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.787 min Scan# 30

Delta R.T. -0.003 min

Lab File: BN019114.D

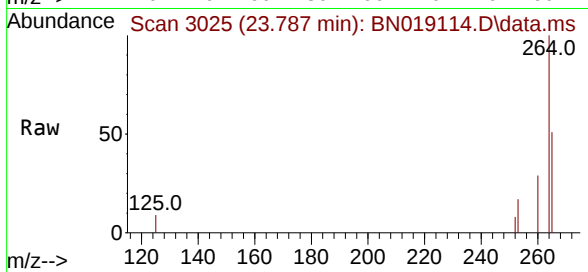
Acq: 24 Mar 2022 06:20

Instrument :

BNA\_N

ClientSampleId :

RE122D3-20220321



Tgt Ion:264 Resp: 6529

Ion Ratio Lower Upper

264 100

260 28.9 22.4 33.6

265 51.5 25.3 37.9#

