

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032222\  
 Data File : BN019056.D  
 Acq On : 22 Mar 2022 14:44  
 Operator : CG/JU  
 Sample : N2000-11DL 2X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE-134D3-20220315DL

Quant Time: Mar 23 04:50:43 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

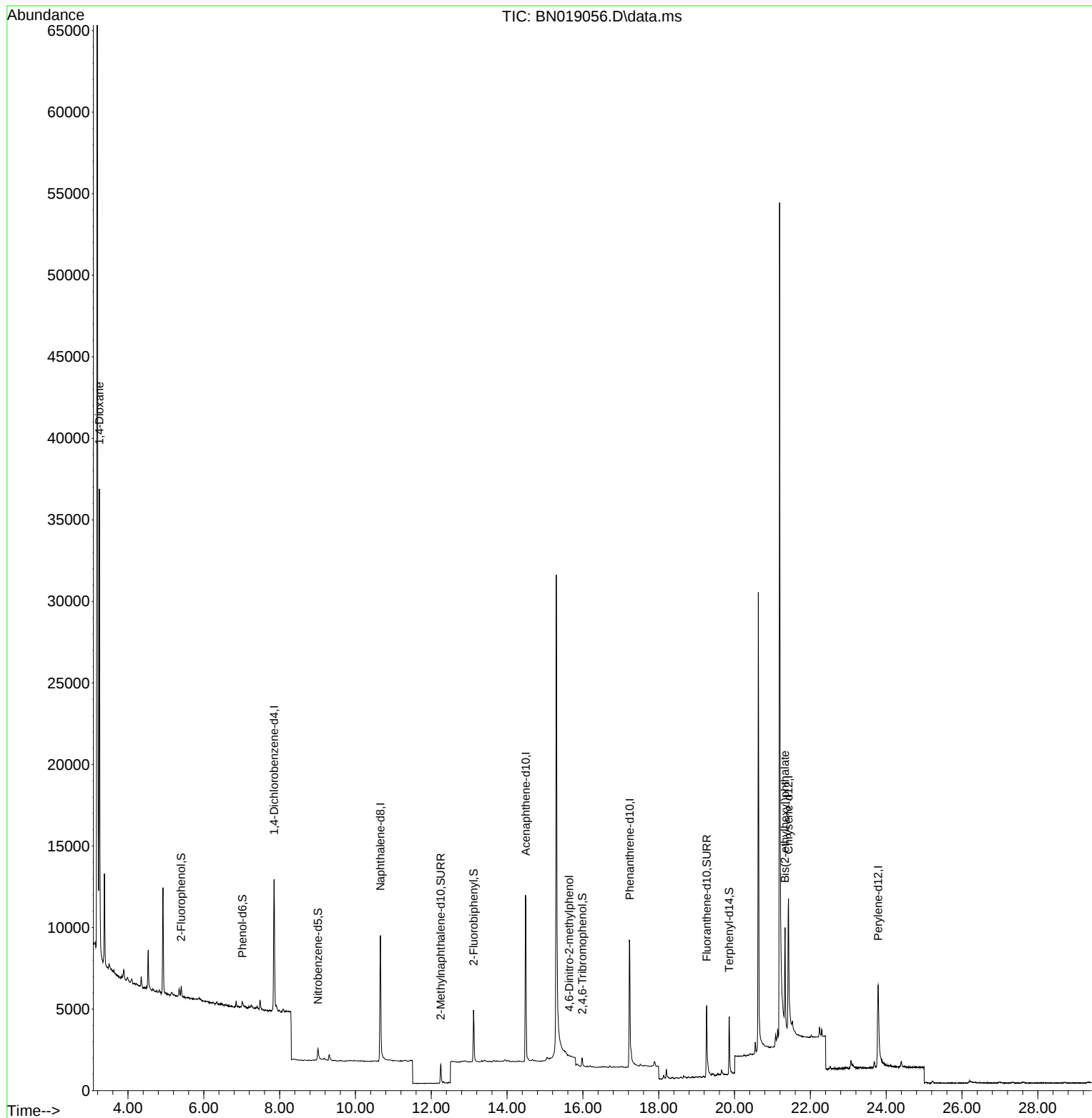
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|-------|-------|-----------|
| -----                         |        |      |          |       |       |           |
| Internal Standards            |        |      |          |       |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.854  | 152  | 4356     | 0.400 | ng    | 0.00      |
| 7) Naphthalene-d8             | 10.658 | 136  | 11217    | 0.400 | ng    | # 0.00    |
| 13) Acenaphthene-d10          | 14.495 | 164  | 6728     | 0.400 | ng    | 0.00      |
| 19) Phenanthrene-d10          | 17.236 | 188  | 14134    | 0.400 | ng    | # 0.00    |
| 29) Chrysene-d12              | 21.422 | 240  | 12240    | 0.400 | ng    | # 0.00    |
| 35) Perylene-d12              | 23.787 | 264  | 10425    | 0.400 | ng    | 0.00      |
| System Monitoring Compounds   |        |      |          |       |       |           |
| 4) 2-Fluorophenol             | 5.406  | 112  | 550      | 0.056 | ng    | 0.00      |
| 5) Phenol-d6                  | 7.017  | 99   | 326      | 0.032 | ng    | 0.00      |
| 8) Nitrobenzene-d5            | 9.014  | 82   | 846      | 0.105 | ng    | 0.00      |
| 11) 2-Methylnaphthalene-d10   | 12.250 | 152  | 1890     | 0.102 | ng    | 0.00      |
| 14) 2,4,6-Tribromophenol      | 15.984 | 330  | 380      | 0.117 | ng    | 0.00      |
| 15) 2-Fluorobiphenyl          | 13.116 | 172  | 3024     | 0.112 | ng    | -0.01     |
| 27) Fluoranthene-d10          | 19.265 | 212  | 6040     | 0.144 | ng    | 0.00      |
| 31) Terphenyl-d14             | 19.860 | 244  | 4655     | 0.155 | ng    | 0.00      |
| Target Compounds              |        |      |          |       |       |           |
| 2) 1,4-Dioxane                | 3.247  | 88   | 15461    | 2.872 | ng    | Qvalue 98 |
| 20) 4,6-Dinitro-2-methylph... | 15.639 | 198  | 4        | 0.111 | ng    | # 1       |
| 34) Bis(2-ethylhexyl)phtha... | 21.333 | 149  | 7024     | 0.281 | ng    | 91        |
| -----                         |        |      |          |       |       |           |

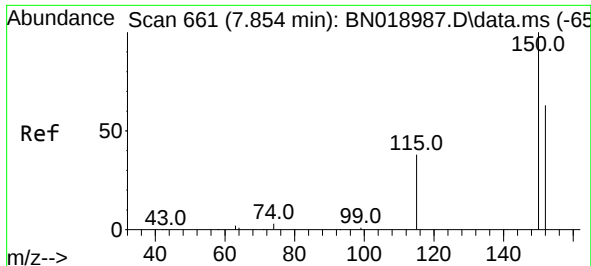
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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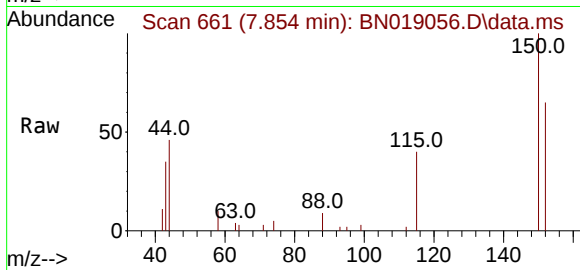
Quant Time: Mar 23 04:50:43 2022  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 17 13:18:23 2022  
Response via : Initial Calibration



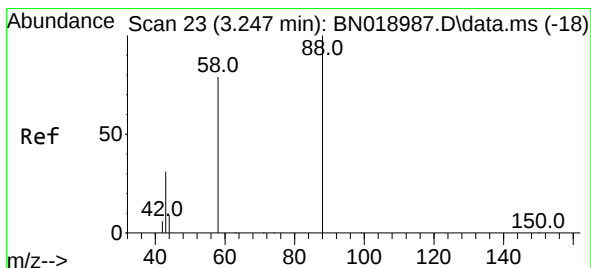
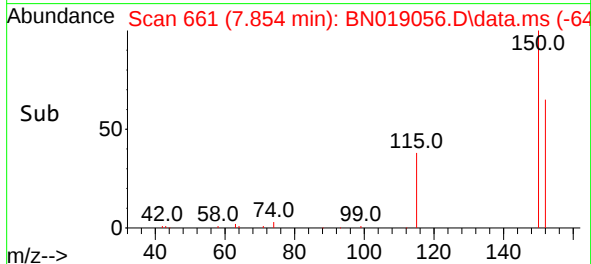
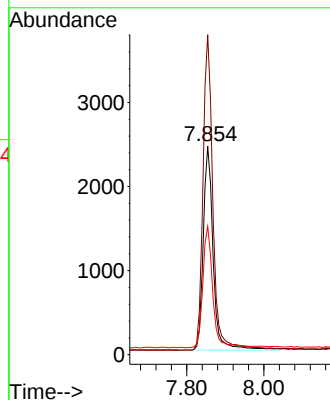


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.854 min Scan# 661  
 Delta R.T. 0.000 min  
 Lab File: BN019056.D  
 Acq: 22 Mar 2022 14:44

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE-134D3-20220315DL

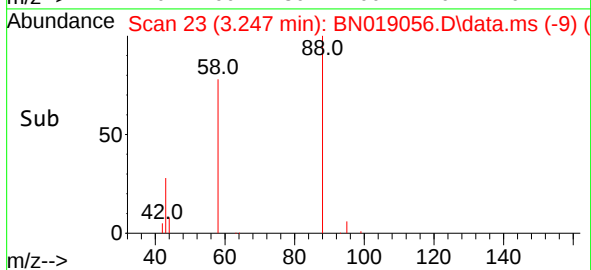
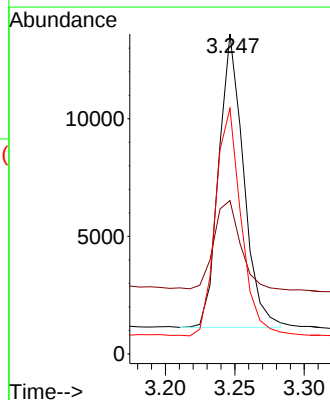
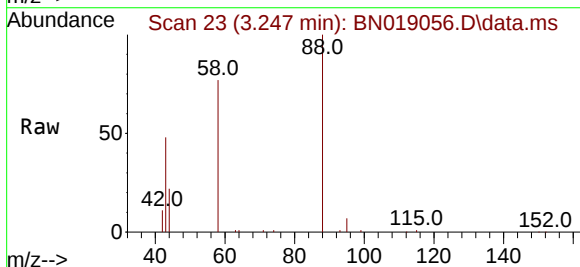


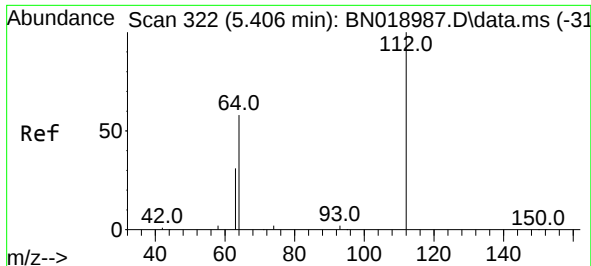
Tgt Ion:152 Resp: 4356  
 Ion Ratio Lower Upper  
 152 100  
 150 153.5 123.9 185.9  
 115 61.5 48.2 72.4



#2  
 1,4-Dioxane  
 Concen: 2.872 ng  
 RT: 3.247 min Scan# 23  
 Delta R.T. -0.000 min  
 Lab File: BN019056.D  
 Acq: 22 Mar 2022 14:44

Tgt Ion: 88 Resp: 15461  
 Ion Ratio Lower Upper  
 88 100  
 43 31.9 24.6 37.0  
 58 79.8 65.4 98.2





#4

2-Fluorophenol

Concen: 0.056 ng

RT: 5.406 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN019056.D

Acq: 22 Mar 2022 14:44

Instrument :

BNA\_N

ClientSampleId :

RE-134D3-20220315DL

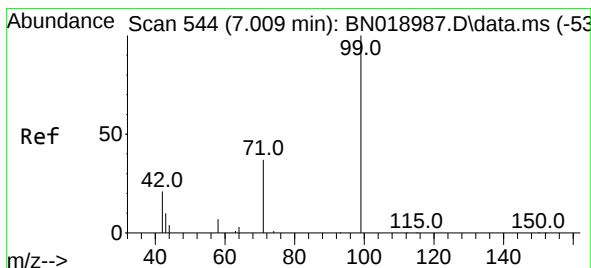
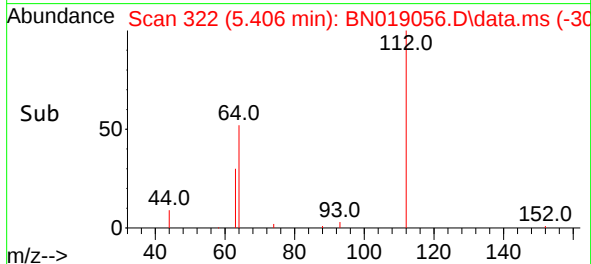
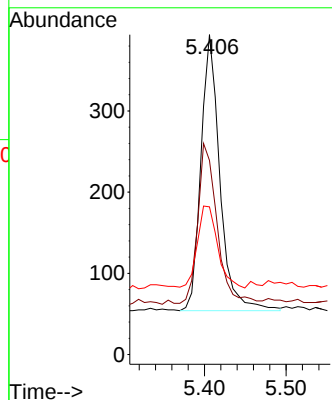
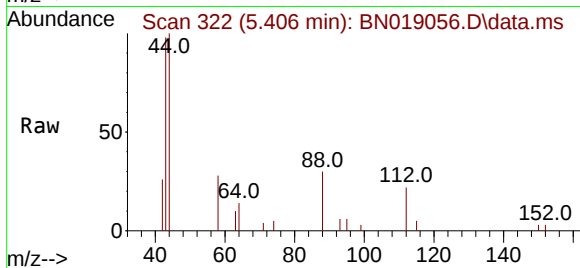
Tgt Ion:112 Resp: 550

Ion Ratio Lower Upper

112 100

64 58.2 47.8 71.8

63 31.6 25.7 38.5



#5

Phenol-d6

Concen: 0.032 ng

RT: 7.017 min Scan# 545

Delta R.T. 0.007 min

Lab File: BN019056.D

Acq: 22 Mar 2022 14:44

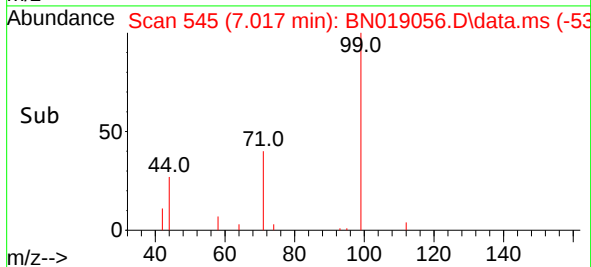
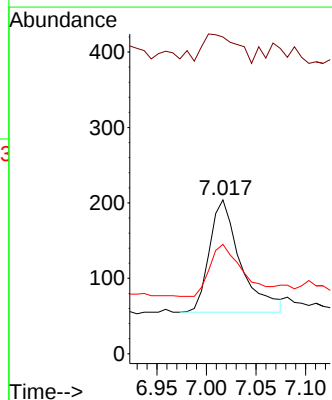
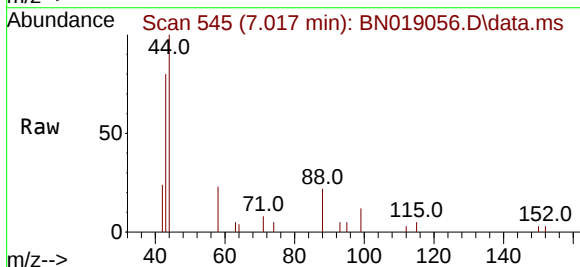
Tgt Ion: 99 Resp: 326

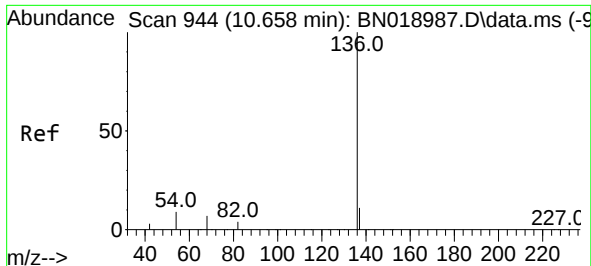
Ion Ratio Lower Upper

99 100

42 30.4 16.2 24.4#

71 49.1 27.7 41.5#

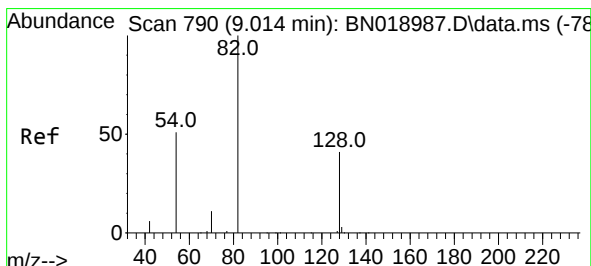
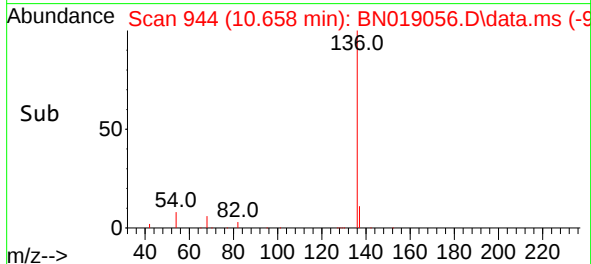
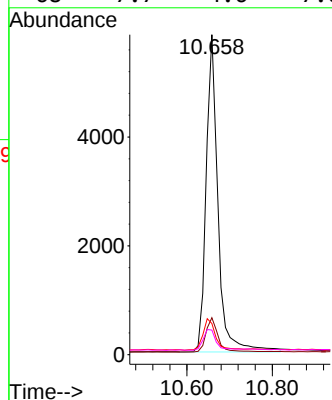
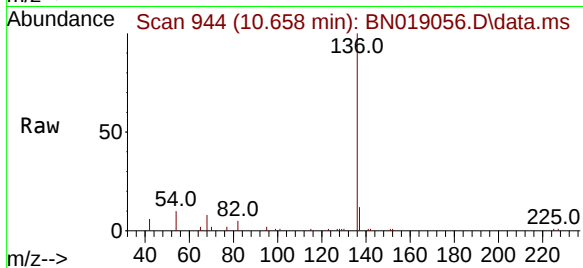




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.658 min Scan# 944  
Delta R.T. -0.000 min  
Lab File: BN019056.D  
Acq: 22 Mar 2022 14:44

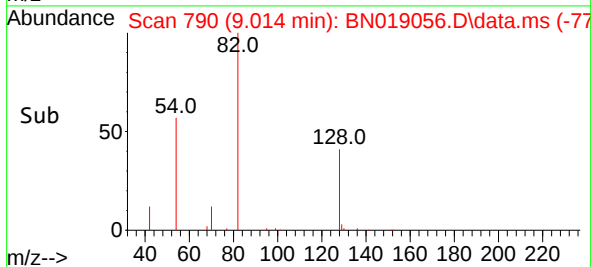
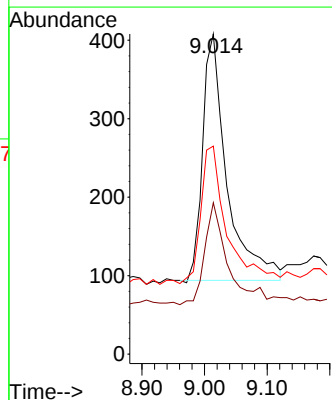
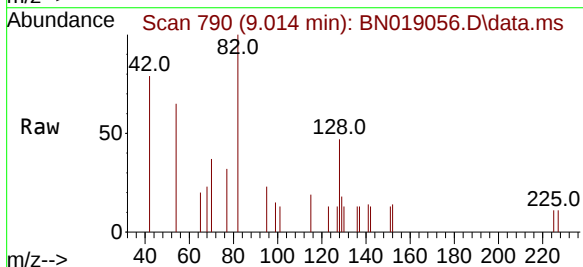
Instrument :  
BNA\_N  
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RE-134D3-20220315DL

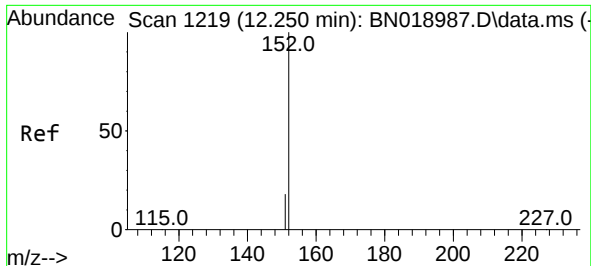
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 11217 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.5  | 9.0   | 13.4  |
| 54       | 9.8   | 5.8   | 8.6#  |
| 68       | 7.7   | 4.6   | 7.0#  |



#8  
Nitrobenzene-d5  
Concen: 0.105 ng  
RT: 9.014 min Scan# 790  
Delta R.T. -0.000 min  
Lab File: BN019056.D  
Acq: 22 Mar 2022 14:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 846   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 47.3  | 33.0  | 49.6  |
| 54       | 65.0  | 42.5  | 63.7# |

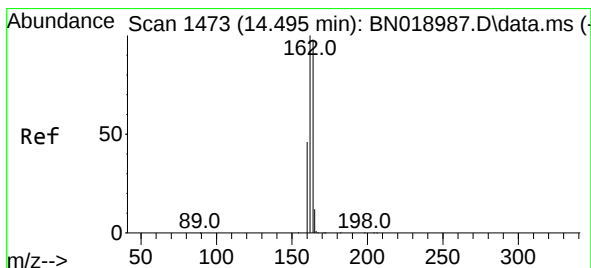
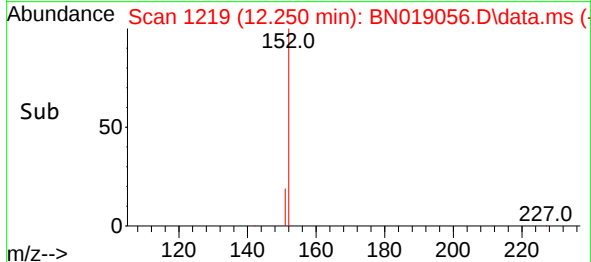
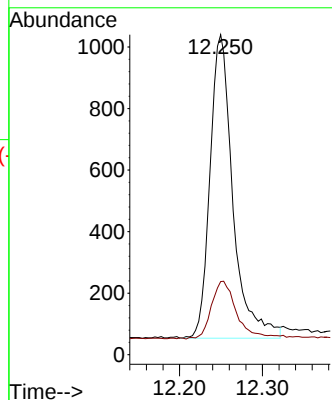
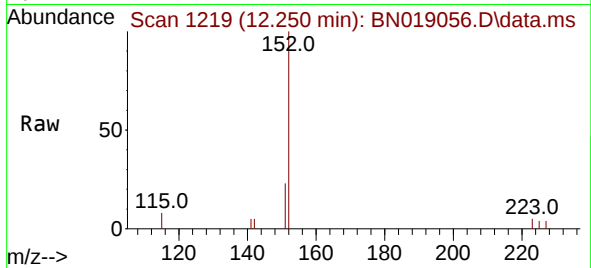




#11  
2-Methylnaphthalene-d10  
Concen: 0.102 ng  
RT: 12.250 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN019056.D  
Acq: 22 Mar 2022 14:44

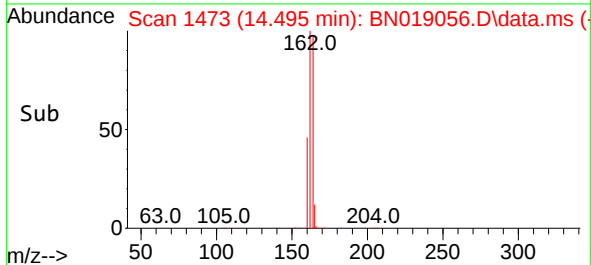
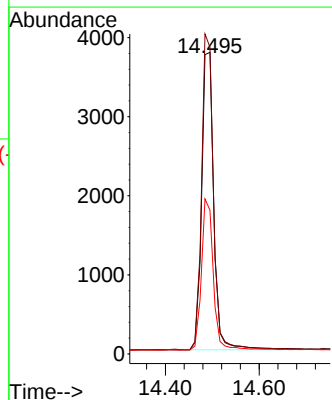
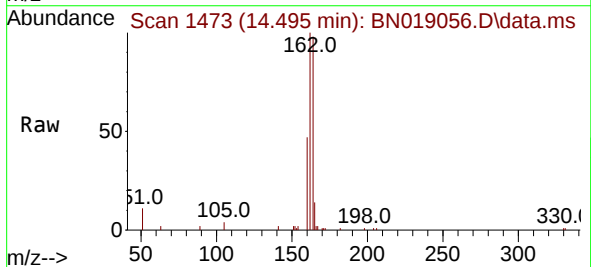
Instrument :  
BNA\_N  
ClientSampleId :  
RE-134D3-20220315DL

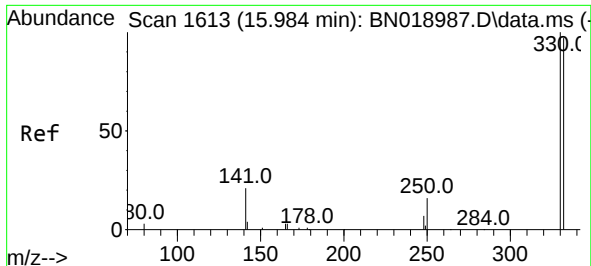
Tgt Ion:152 Resp: 1890  
Ion Ratio Lower Upper  
152 100  
151 21.7 16.5 24.7



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.495 min Scan# 1473  
Delta R.T. -0.000 min  
Lab File: BN019056.D  
Acq: 22 Mar 2022 14:44

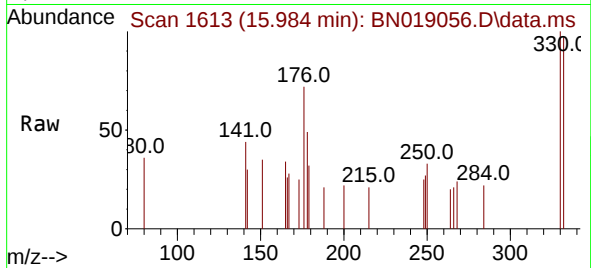
Tgt Ion:164 Resp: 6728  
Ion Ratio Lower Upper  
164 100  
162 101.7 85.2 127.8  
160 47.6 41.5 62.3



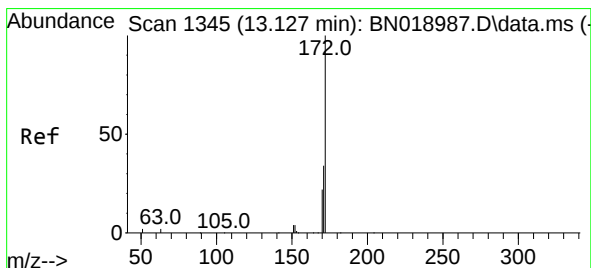
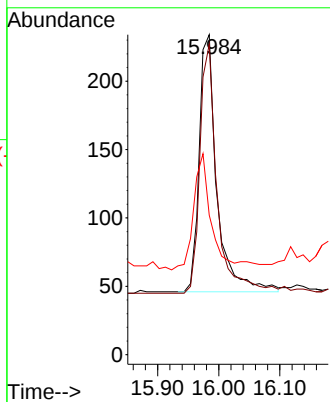
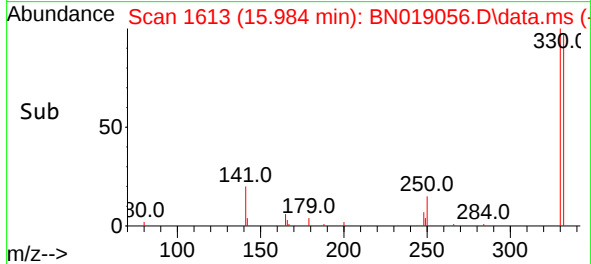


#14  
2,4,6-Tribromophenol  
Concen: 0.117 ng  
RT: 15.984 min Scan# 1613  
Delta R.T. -0.000 min  
Lab File: BN019056.D  
Acq: 22 Mar 2022 14:44

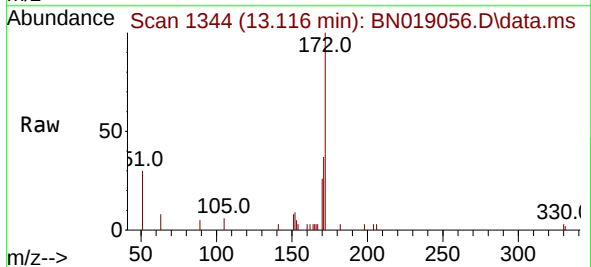
Instrument :  
BNA\_N  
ClientSampleId :  
RE-134D3-20220315DL



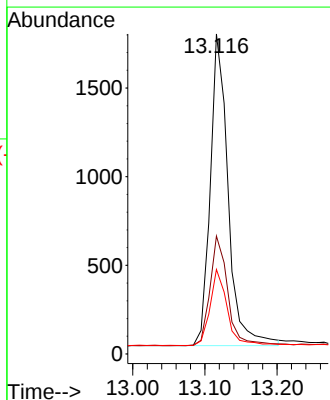
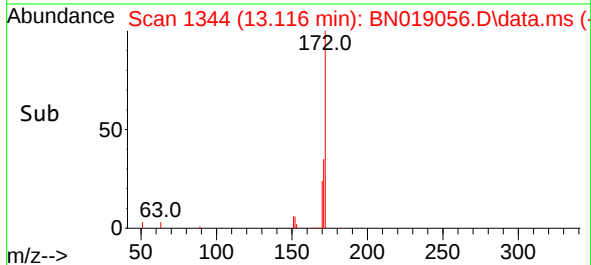
Tgt Ion:330 Resp: 380  
Ion Ratio Lower Upper  
330 100  
332 94.7 76.8 115.2  
141 46.6 32.2 48.2

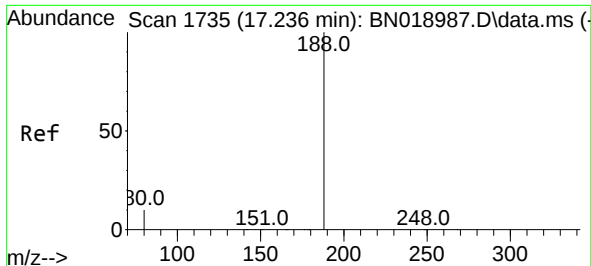


#15  
2-Fluorobiphenyl  
Concen: 0.112 ng  
RT: 13.116 min Scan# 1344  
Delta R.T. -0.011 min  
Lab File: BN019056.D  
Acq: 22 Mar 2022 14:44



Tgt Ion:172 Resp: 3024  
Ion Ratio Lower Upper  
172 100  
171 36.8 28.2 42.2  
170 26.4 18.7 28.1

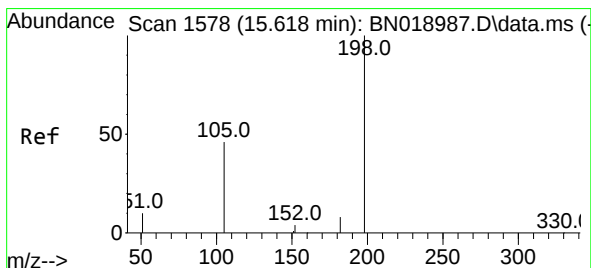
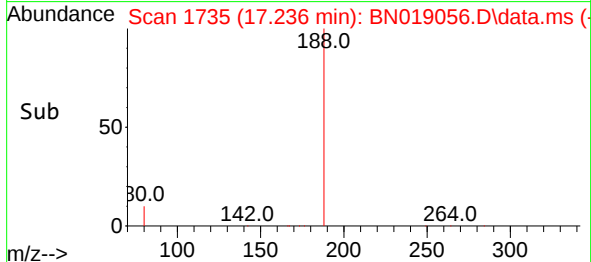
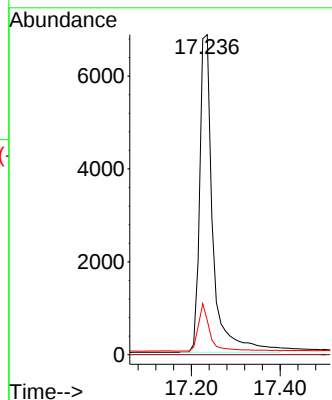
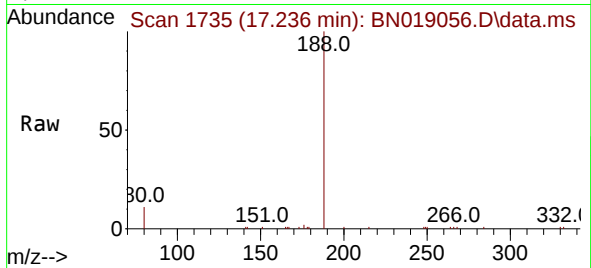




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.236 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN019056.D  
Acq: 22 Mar 2022 14:44

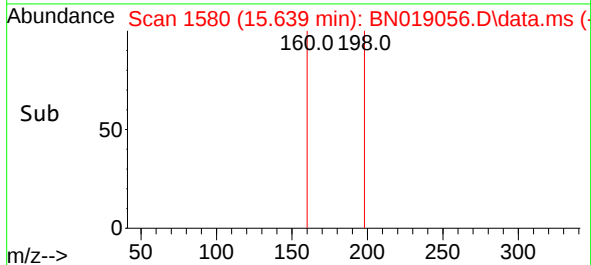
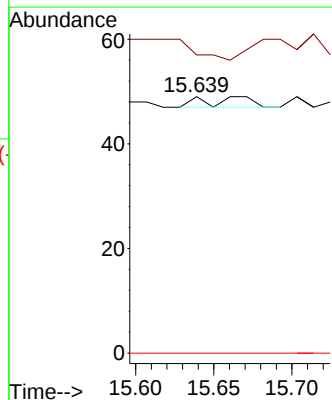
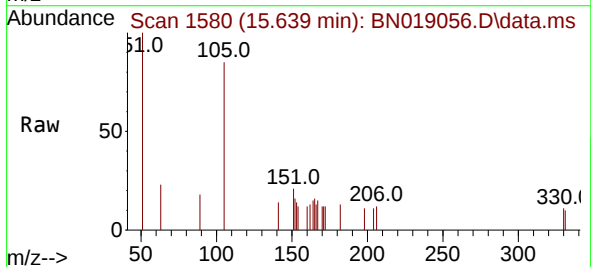
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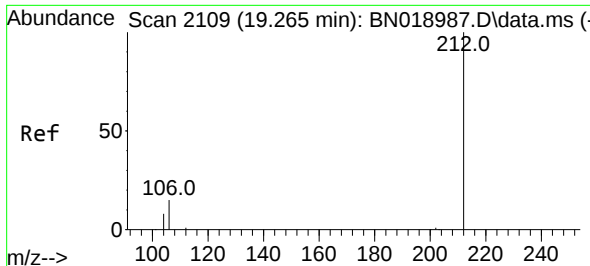
Tgt Ion:188 Resp: 14134  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.7 11.8 17.8#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.111 ng  
RT: 15.639 min Scan# 1580  
Delta R.T. 0.021 min  
Lab File: BN019056.D  
Acq: 22 Mar 2022 14:44

Tgt Ion:198 Resp: 4  
Ion Ratio Lower Upper  
198 100  
182 116.3 13.0 19.4#  
77 0.0 0.0 0.0

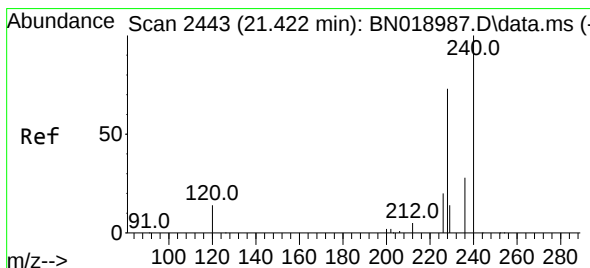
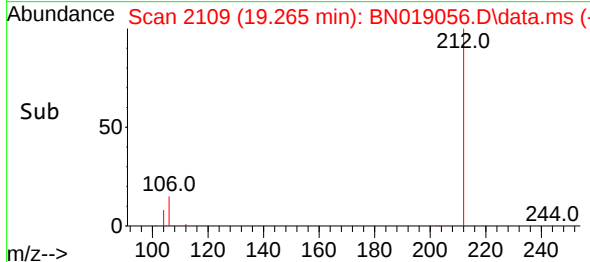
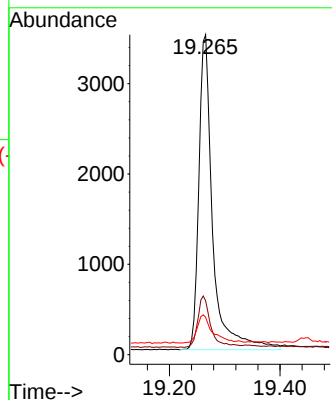
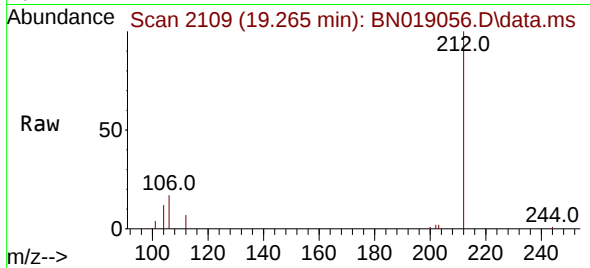




#27  
Fluoranthene-d10  
Concen: 0.144 ng  
RT: 19.265 min Scan# 2109  
Delta R.T. -0.000 min  
Lab File: BN019056.D  
Acq: 22 Mar 2022 14:44

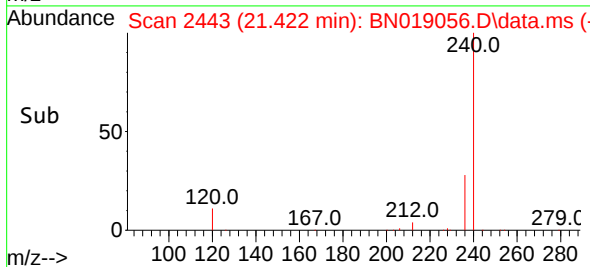
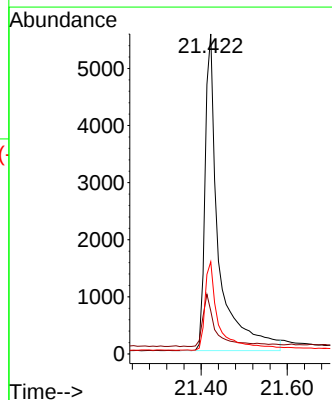
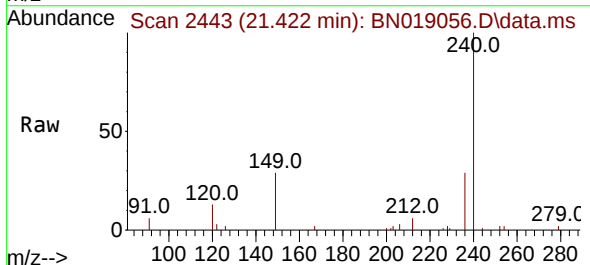
Instrument :  
BNA\_N  
ClientSampleId :  
RE-134D3-20220315DL

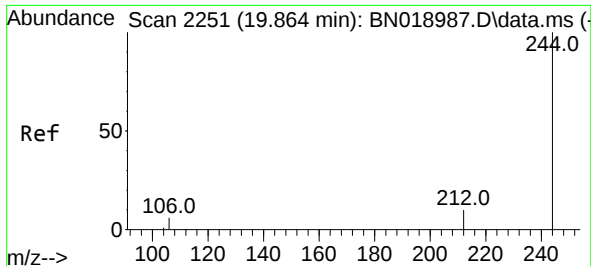
Tgt Ion:212 Resp: 6040  
Ion Ratio Lower Upper  
212 100  
106 15.0 12.7 19.1  
104 9.9 7.1 10.7



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.422 min Scan# 2443  
Delta R.T. -0.000 min  
Lab File: BN019056.D  
Acq: 22 Mar 2022 14:44

Tgt Ion:240 Resp: 12240  
Ion Ratio Lower Upper  
240 100  
120 13.4 8.5 12.7#  
236 28.8 22.4 33.6

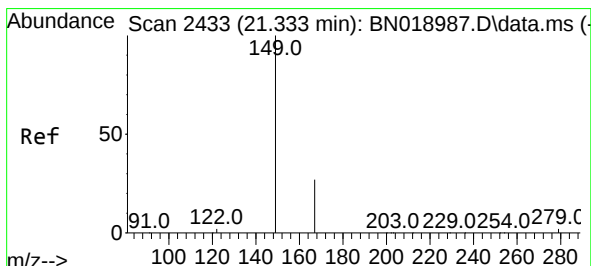
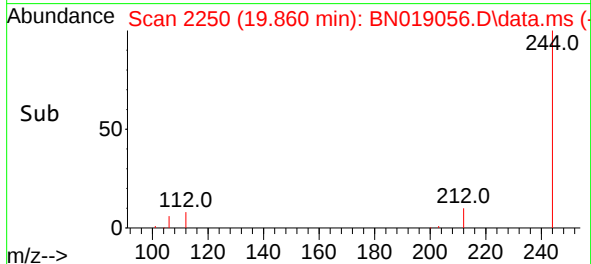
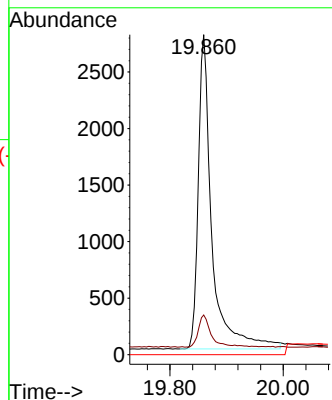
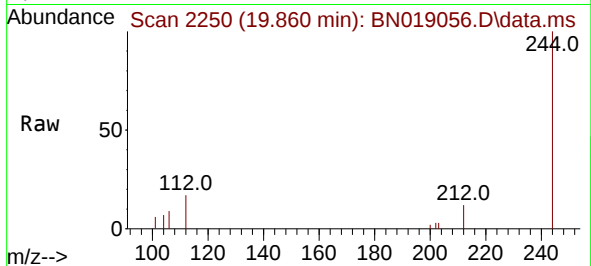




#31  
 Terphenyl-d14  
 Concen: 0.155 ng  
 RT: 19.860 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BN019056.D  
 Acq: 22 Mar 2022 14:44

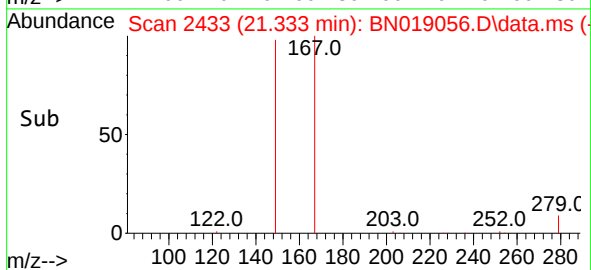
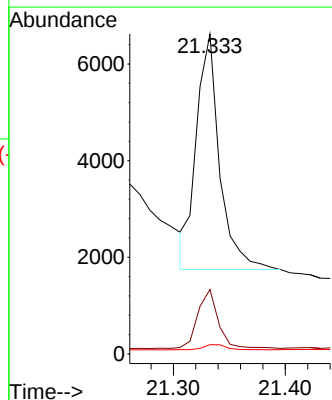
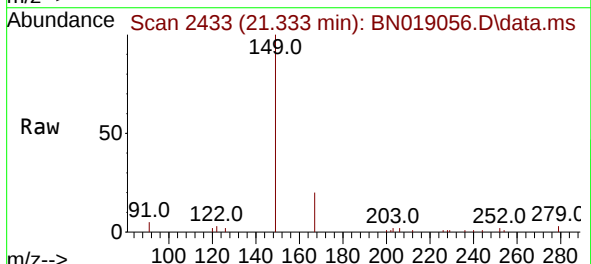
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE-134D3-20220315DL

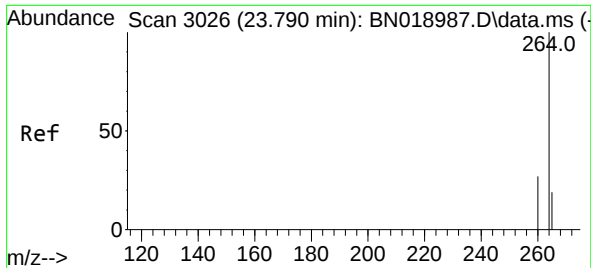
Tgt Ion:244 Resp: 4655  
 Ion Ratio Lower Upper  
 244 100  
 212 12.4 8.2 12.4#  
 122 0.0 0.0 0.0



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.281 ng  
 RT: 21.333 min Scan# 2433  
 Delta R.T. -0.000 min  
 Lab File: BN019056.D  
 Acq: 22 Mar 2022 14:44

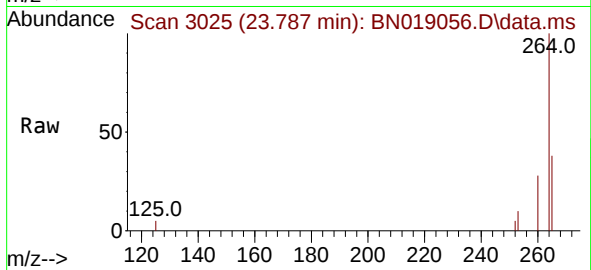
Tgt Ion:149 Resp: 7024  
 Ion Ratio Lower Upper  
 149 100  
 167 22.3 21.8 32.8  
 279 2.1 2.0 3.0





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.787 min Scan# 30  
Delta R.T. -0.003 min  
Lab File: BN019056.D  
Acq: 22 Mar 2022 14:44

Instrument :  
BNA\_N  
ClientSampleId :  
RE-134D3-20220315DL



Tgt Ion:264 Resp: 10425  
Ion Ratio Lower Upper  
264 100  
260 27.8 22.4 33.6  
265 37.8 25.3 37.9

