

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120123\  
 Data File : BN028992.D  
 Acq On : 02 Dec 2023 20:35  
 Operator : MA/JU  
 Sample : 05404-12  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE134D1-20231109

Quant Time: Dec 03 08:15:51 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN113023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 01 23:11:55 2023  
 Response via : Initial Calibration

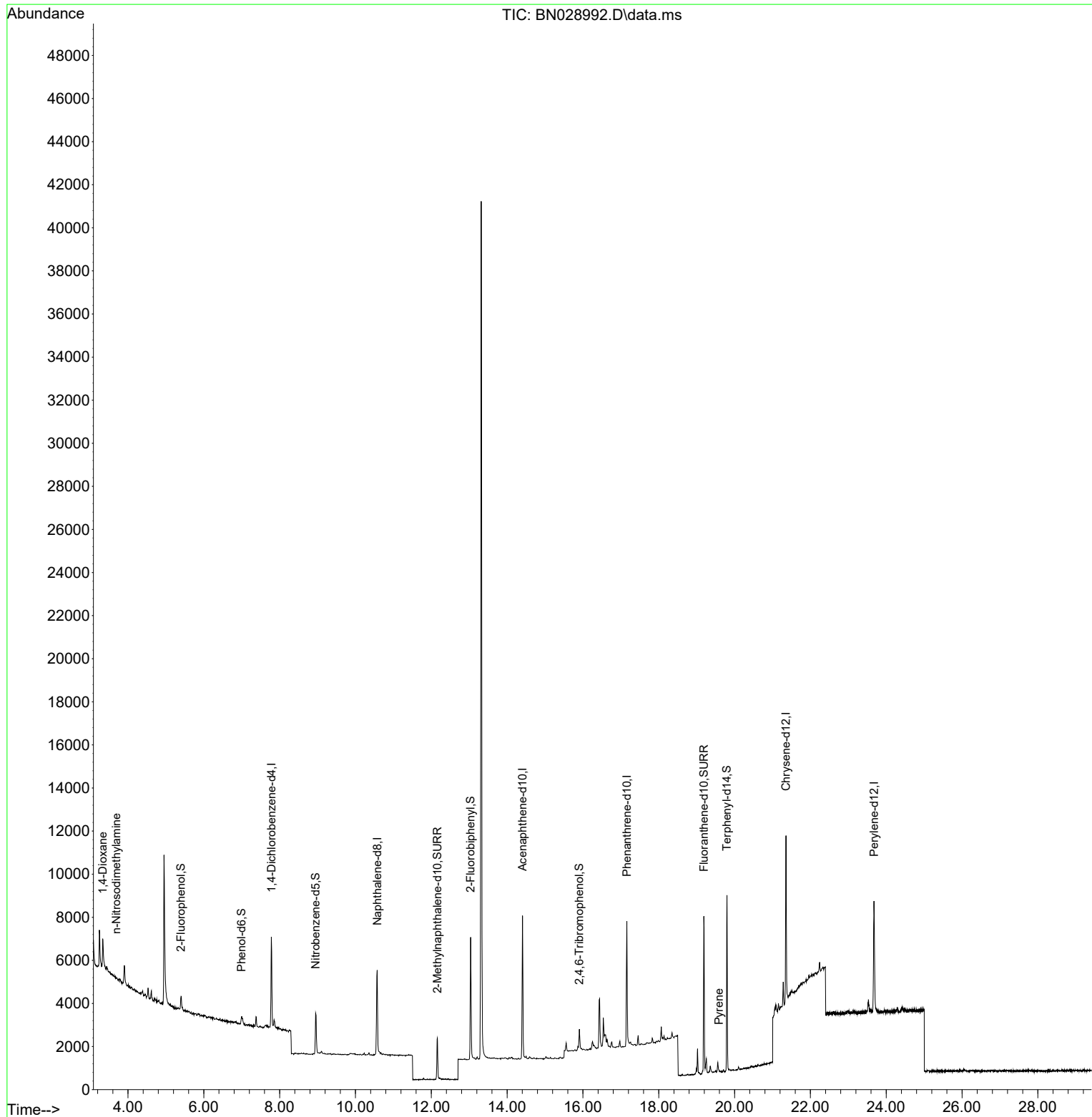
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.782  | 152  | 1965     | 0.400     | ng    | -0.01    |
| 7) Naphthalene-d8             | 10.573 | 136  | 5651     | 0.400     | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.407 | 164  | 3731     | 0.400     | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.159 | 188  | 8199     | 0.400     | ng    | -0.01    |
| 29) Chrysene-d12              | 21.356 | 240  | 7362     | 0.400     | ng    | #-0.02   |
| 35) Perylene-d12              | 23.678 | 264  | 6973     | 0.400     | ng    | #-0.03   |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 4) 2-Fluorophenol             | 5.399  | 112  | 507      | 0.085     | ng    | -0.01    |
| 5) Phenol-d6                  | 6.995  | 99   | 348      | 0.053     | ng    | -0.01    |
| 8) Nitrobenzene-d5            | 8.950  | 82   | 1806     | 0.321     | ng    | -0.02    |
| 11) 2-Methylnaphthalene-d10   | 12.159 | 152  | 2721     | 0.300     | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.905 | 330  | 630      | 0.250     | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.038 | 172  | 4837     | 0.300     | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.190 | 212  | 8521     | 0.395     | ng    | -0.02    |
| 31) Terphenyl-d14             | 19.799 | 244  | 7987     | 0.388     | ng    | -0.02    |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.333  | 88   | 1118     | 0.581     | ng    | # 79     |
| 3) n-Nitrosodimethylamine     | 3.694  | 42   | 14       | 0.096     | ng    | # 57     |
| 30) Pyrene                    | 19.585 | 202  | 67       | 0.095     | ng    | # 69     |
| 34) Bis(2-ethylhexyl)phtha... | 21.284 | 149  | 1108     | Below Cal |       | # 91     |
| -----                         |        |      |          |           |       |          |

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

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RE134D1-20231109

Quant Time: Dec 03 08:15:51 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN113023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 01 23:11:55 2023  
Response via : Initial Calibration

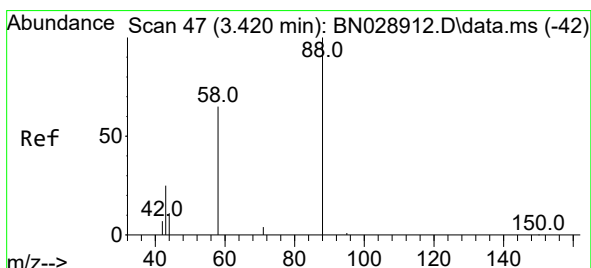
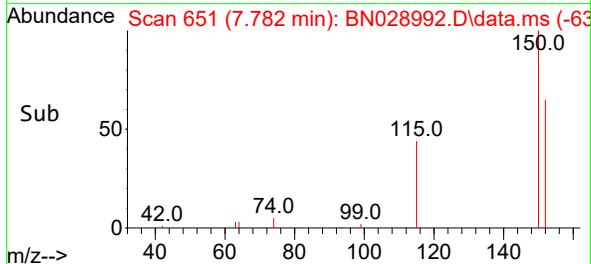
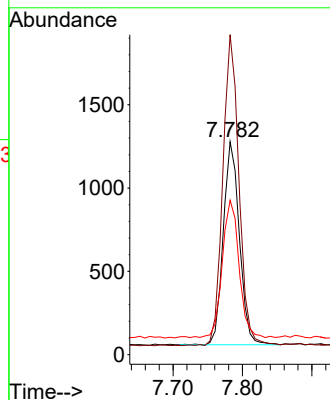
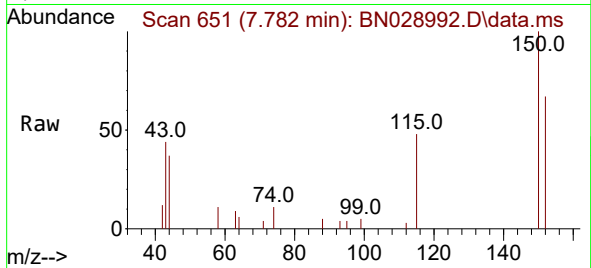




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.782 min Scan# 61  
 Delta R.T. -0.015 min  
 Lab File: BN028992.D  
 Acq: 02 Dec 2023 20:35

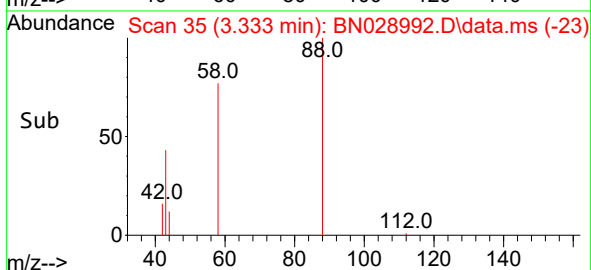
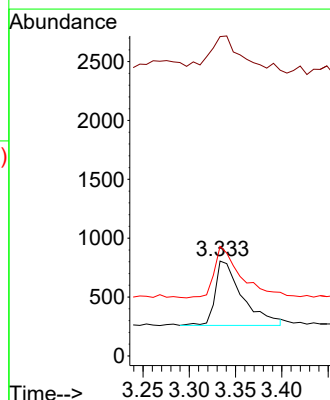
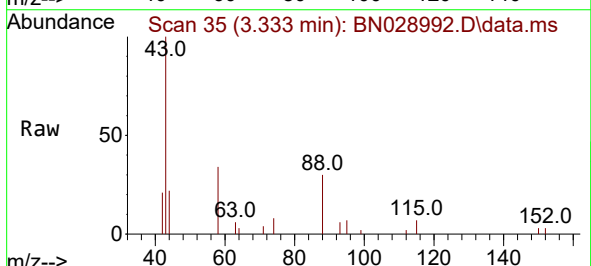
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE134D1-20231109

Tgt Ion:152 Resp: 1965  
 Ion Ratio Lower Upper  
 152 100  
 150 150.3 123.4 185.2  
 115 72.5 59.1 88.7



#2  
 1,4-Dioxane  
 Concen: 0.581 ng  
 RT: 3.333 min Scan# 35  
 Delta R.T. -0.015 min  
 Lab File: BN028992.D  
 Acq: 02 Dec 2023 20:35

Tgt Ion: 88 Resp: 1118  
 Ion Ratio Lower Upper  
 88 100  
 43 60.4 29.9 44.9#  
 58 77.6 55.0 82.4

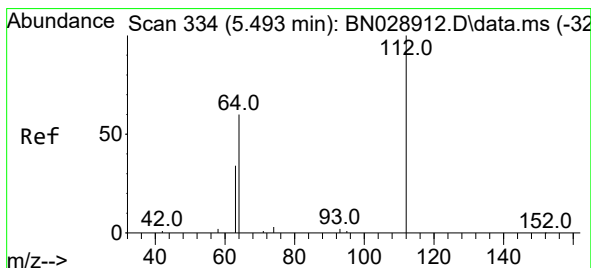
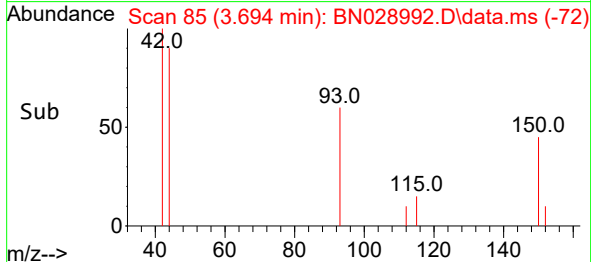
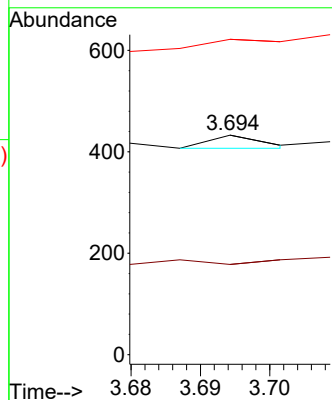
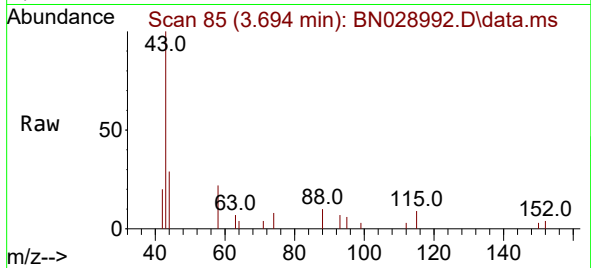




#3  
n-Nitrosodimethylamine  
Concen: 0.096 ng  
RT: 3.694 min Scan# 81  
Delta R.T. -0.007 min  
Lab File: BN028992.D  
Acq: 02 Dec 2023 20:35

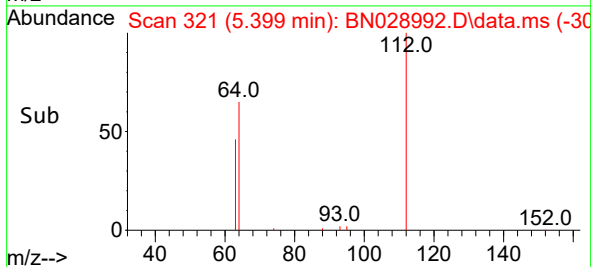
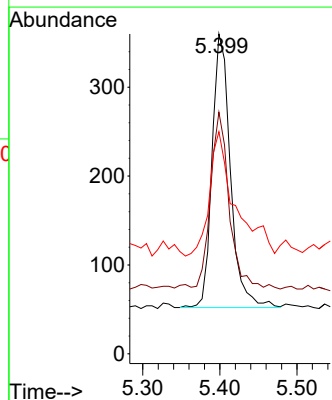
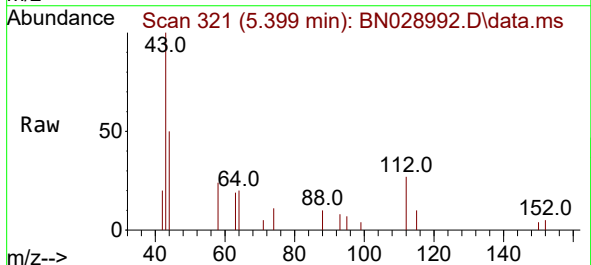
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D1-20231109

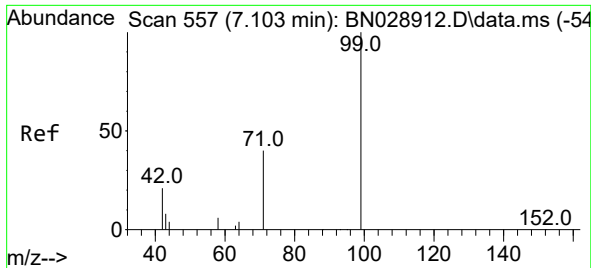
Tgt Ion: 42 Resp: 14  
Ion Ratio Lower Upper  
42 100  
74 107.1 57.0 85.6#  
44 314.3 0.0 0.0#



#4  
2-Fluorophenol  
Concen: 0.085 ng  
RT: 5.399 min Scan# 321  
Delta R.T. -0.015 min  
Lab File: BN028992.D  
Acq: 02 Dec 2023 20:35

Tgt Ion: 112 Resp: 507  
Ion Ratio Lower Upper  
112 100  
64 67.1 51.5 77.3  
63 64.3 30.4 45.6#

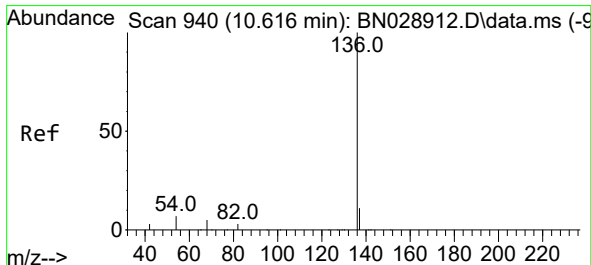
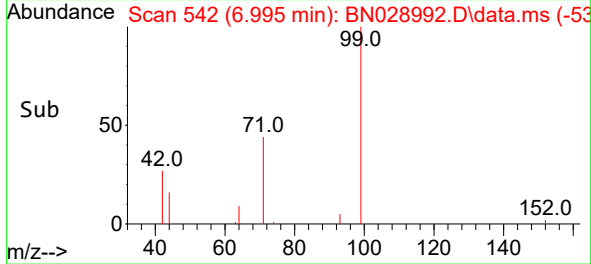
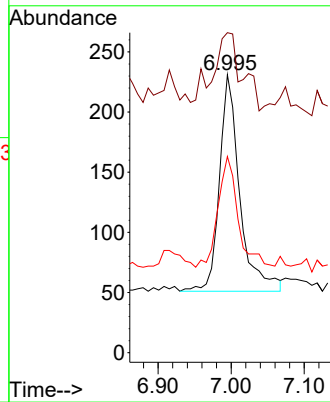
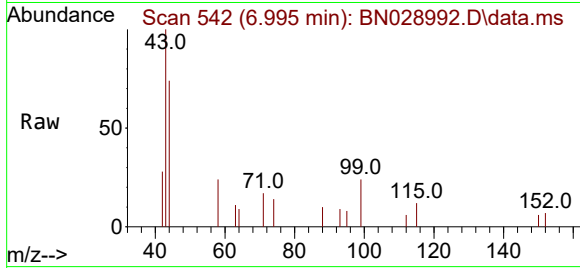




#5  
Phenol-d6  
Concen: 0.053 ng  
RT: 6.995 min Scan# 54  
Delta R.T. -0.015 min  
Lab File: BN028992.D  
Acq: 02 Dec 2023 20:35

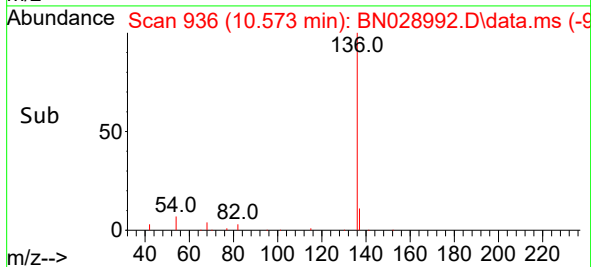
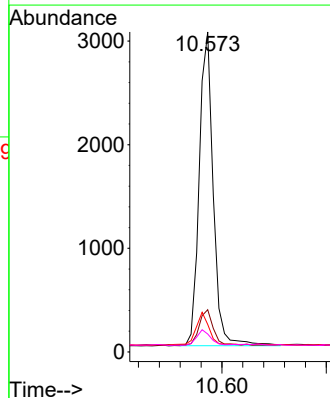
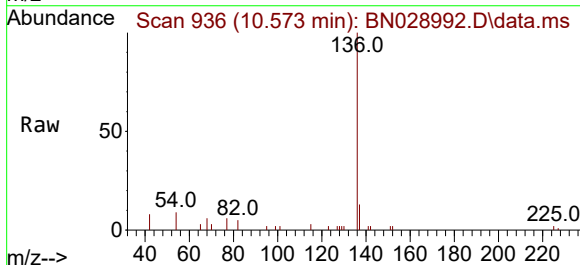
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D1-20231109

Tgt Ion: 99 Resp: 348  
Ion Ratio Lower Upper  
99 100  
42 49.4 21.2 31.8#  
71 52.9 35.4 53.0



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.573 min Scan# 936  
Delta R.T. -0.011 min  
Lab File: BN028992.D  
Acq: 02 Dec 2023 20:35

Tgt Ion: 136 Resp: 5651  
Ion Ratio Lower Upper  
136 100  
137 13.2 10.6 16.0  
54 8.6 7.5 11.3  
68 5.6 5.9 8.9#

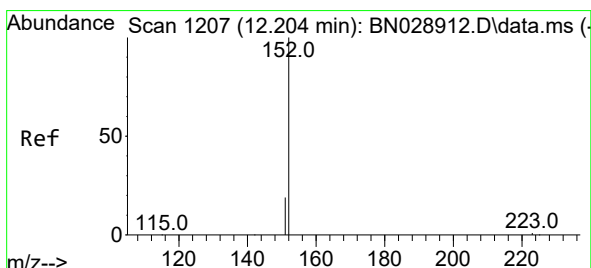
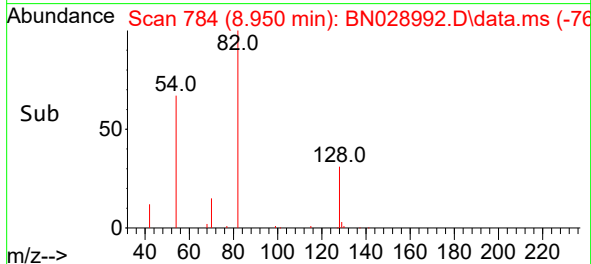
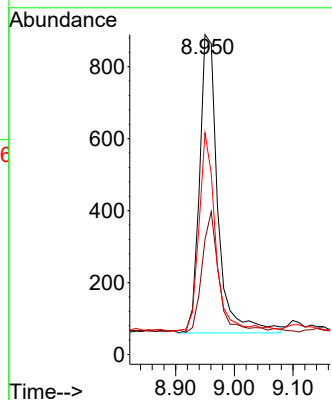
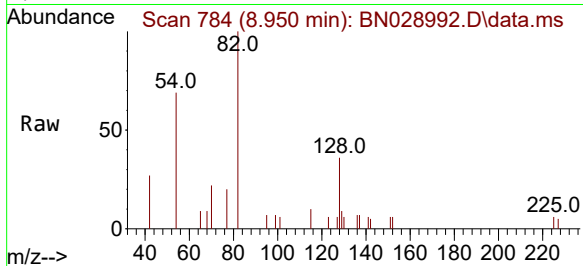




#8  
Nitrobenzene-d5  
Concen: 0.321 ng  
RT: 8.950 min Scan# 71  
Delta R.T. -0.022 min  
Lab File: BN028992.D  
Acq: 02 Dec 2023 20:35

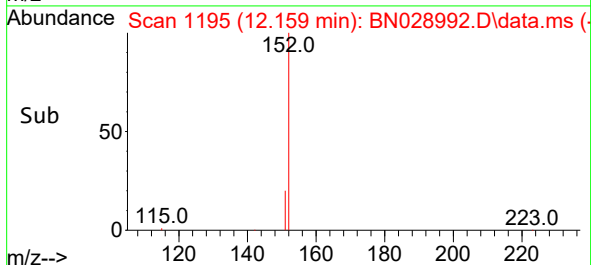
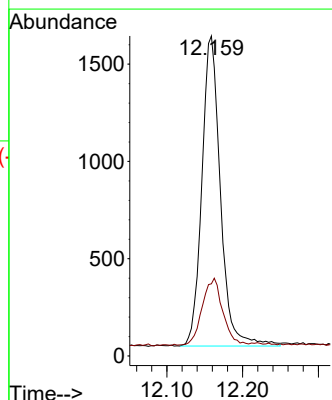
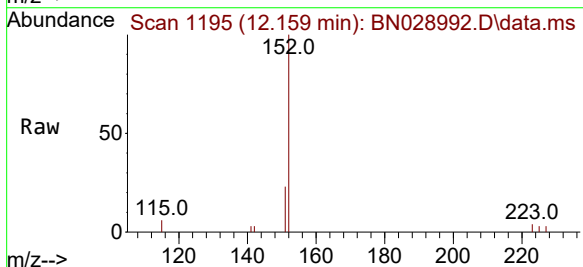
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D1-20231109

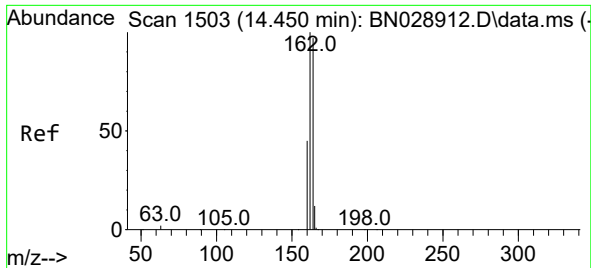
Tgt Ion: 82 Resp: 1806  
Ion Ratio Lower Upper  
82 100  
128 36.0 29.2 43.8  
54 69.3 47.0 70.6



#11  
2-Methylnaphthalene-d10  
Concen: 0.300 ng  
RT: 12.159 min Scan# 1195  
Delta R.T. -0.012 min  
Lab File: BN028992.D  
Acq: 02 Dec 2023 20:35

Tgt Ion: 152 Resp: 2721  
Ion Ratio Lower Upper  
152 100  
151 23.4 16.7 25.1

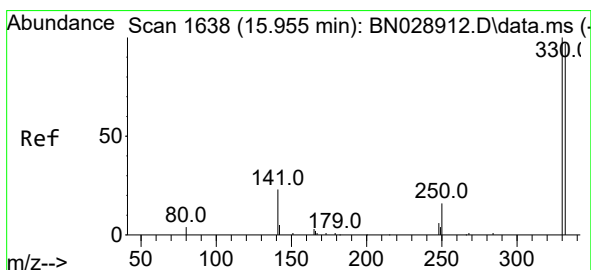
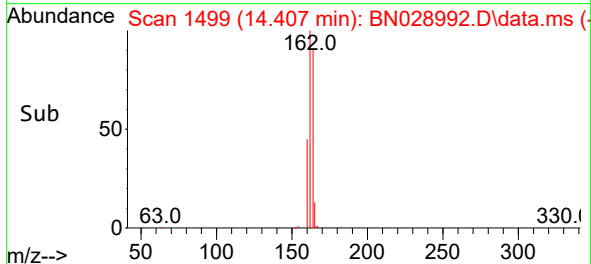
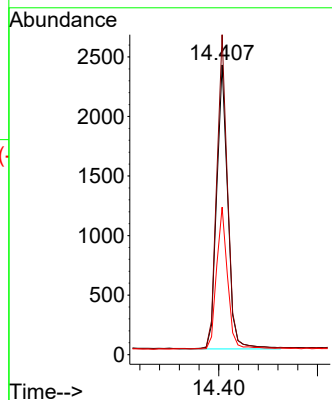
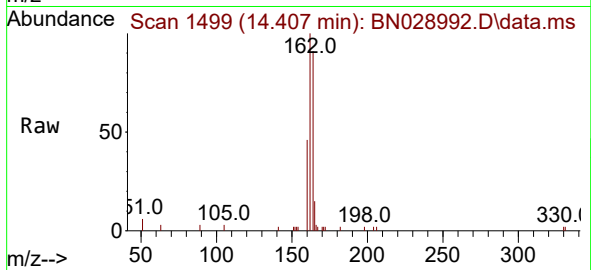




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.407 min Scan# 14  
Delta R.T. -0.011 min  
Lab File: BN028992.D  
Acq: 02 Dec 2023 20:35

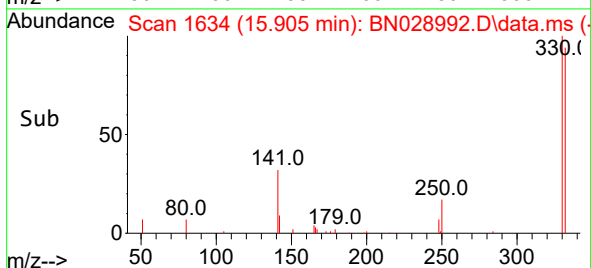
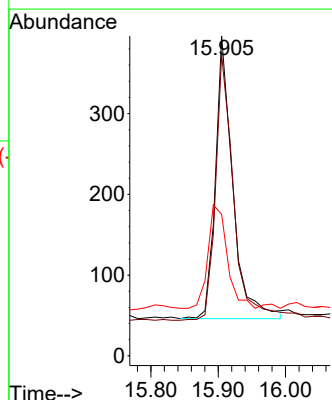
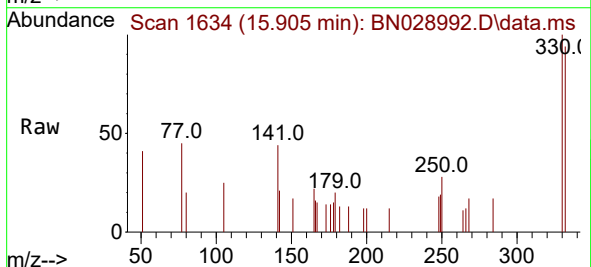
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D1-20231109

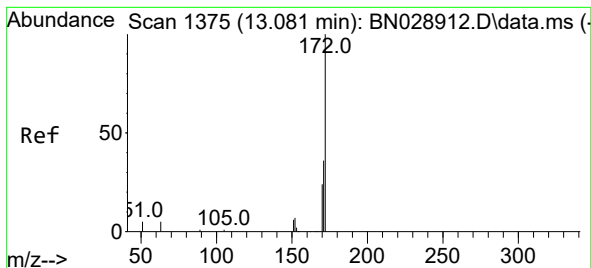
Tgt Ion:164 Resp: 3731  
Ion Ratio Lower Upper  
164 100  
162 110.4 81.7 122.5  
160 50.9 37.0 55.6



#14  
2,4,6-Tribromophenol  
Concen: 0.250 ng  
RT: 15.905 min Scan# 1634  
Delta R.T. -0.013 min  
Lab File: BN028992.D  
Acq: 02 Dec 2023 20:35

Tgt Ion:330 Resp: 630  
Ion Ratio Lower Upper  
330 100  
332 97.9 75.4 113.2  
141 40.8 35.7 53.5





#15

2-Fluorobiphenyl

Concen: 0.300 ng

RT: 13.038 min Scan# 1

Delta R.T. -0.011 min

Lab File: BN028992.D

Acq: 02 Dec 2023 20:35

Instrument :

BNA\_N

ClientSampleId :

RE134D1-20231109

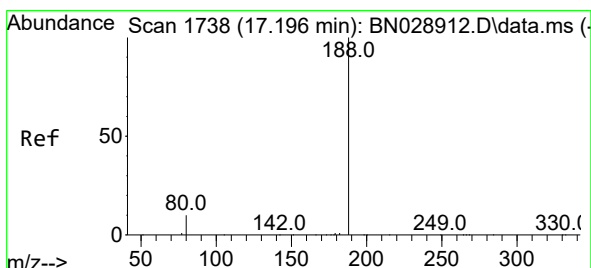
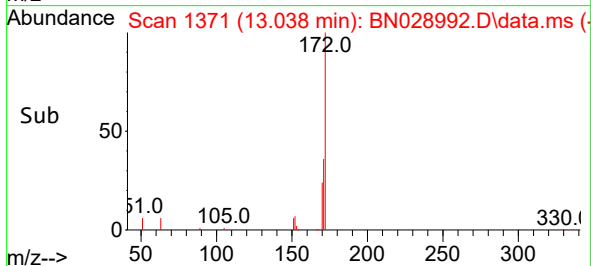
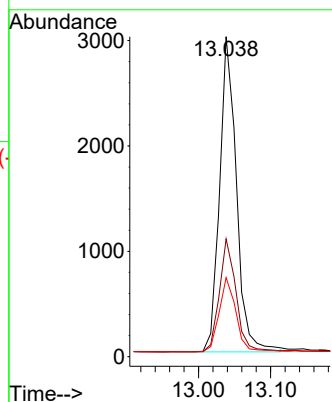
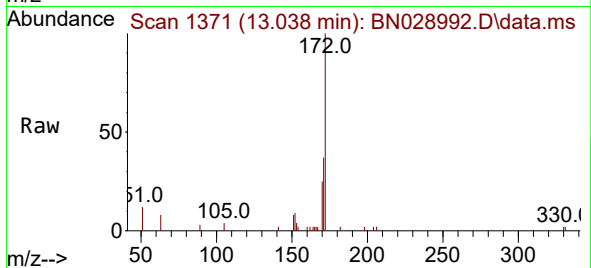
Tgt Ion:172 Resp: 4837

Ion Ratio Lower Upper

172 100

171 36.8 29.0 43.4

170 24.7 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.159 min Scan# 1735

Delta R.T. -0.013 min

Lab File: BN028992.D

Acq: 02 Dec 2023 20:35

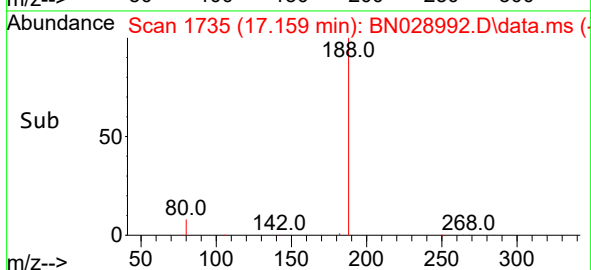
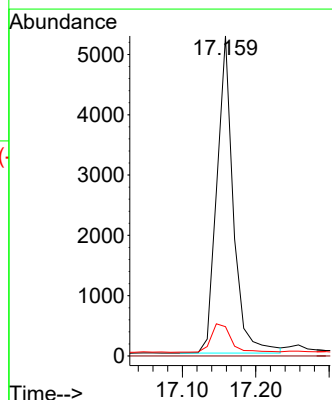
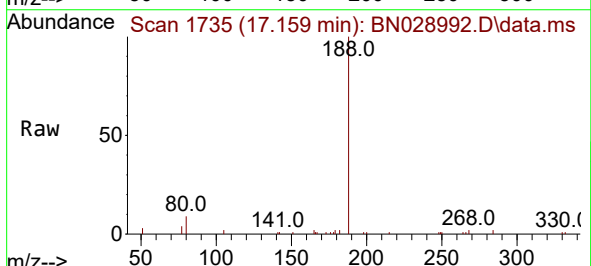
Tgt Ion:188 Resp: 8199

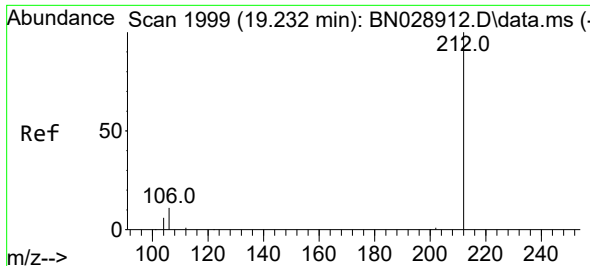
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.1 9.0 13.6

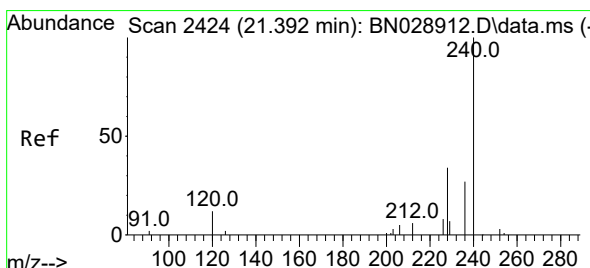
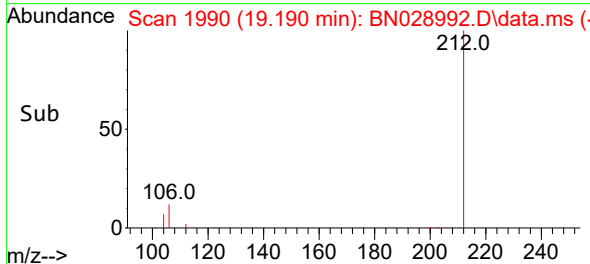
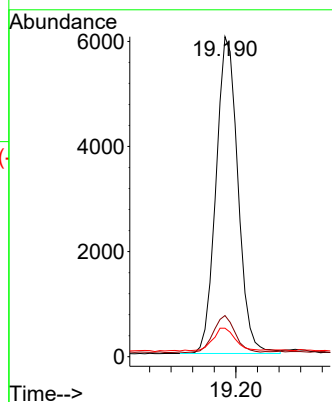
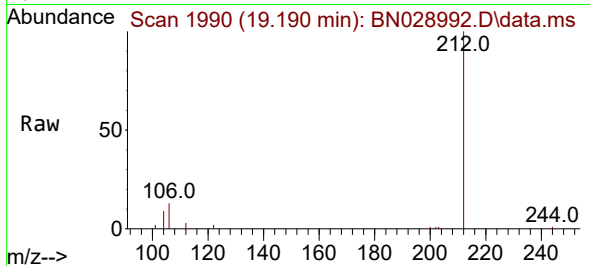




#27  
Fluoranthene-d10  
Concen: 0.395 ng  
RT: 19.190 min Scan# 1999  
Delta R.T. -0.019 min  
Lab File: BN028992.D  
Acq: 02 Dec 2023 20:35

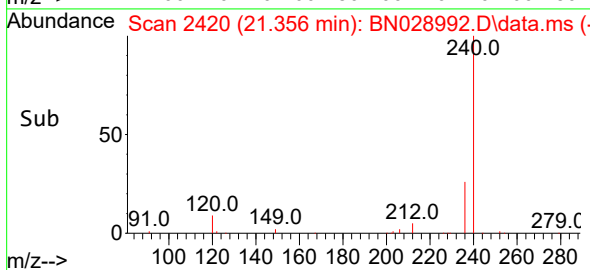
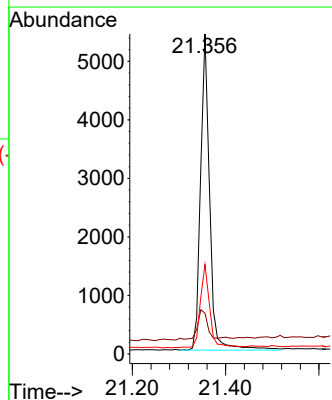
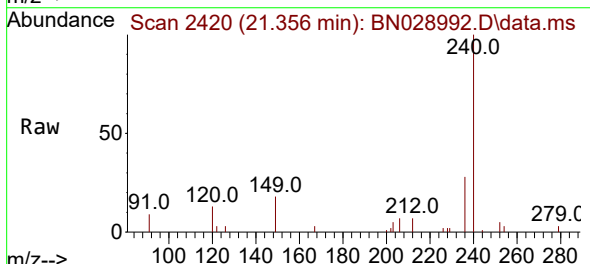
Instrument :  
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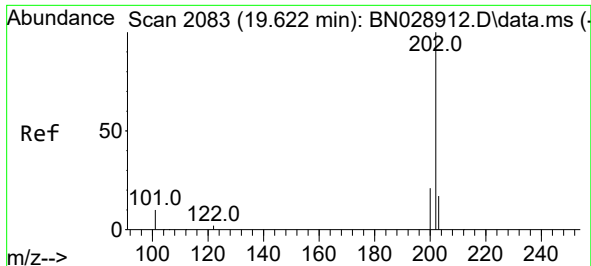
Tgt Ion:212 Resp: 8521  
Ion Ratio Lower Upper  
212 100  
106 11.5 9.4 14.2  
104 7.6 6.2 9.2



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.356 min Scan# 2420  
Delta R.T. -0.018 min  
Lab File: BN028992.D  
Acq: 02 Dec 2023 20:35

Tgt Ion:240 Resp: 7362  
Ion Ratio Lower Upper  
240 100  
120 12.7 37.1 55.7#  
236 27.9 32.4 48.6#

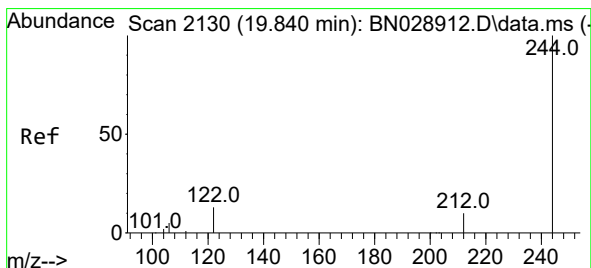
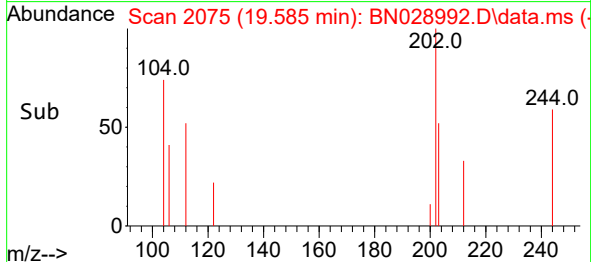
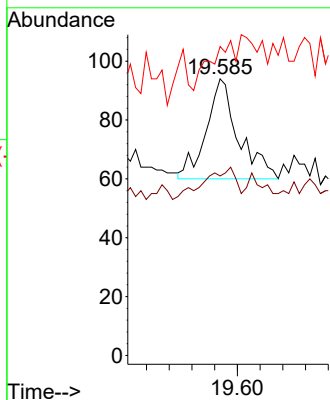
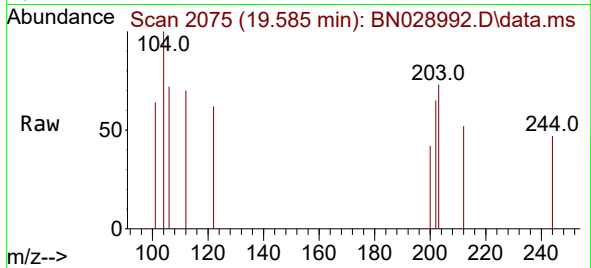




#30  
Pyrene  
Concen: 0.095 ng  
RT: 19.585 min Scan# 2083  
Delta R.T. -0.019 min  
Lab File: BN028992.D  
Acq: 02 Dec 2023 20:35

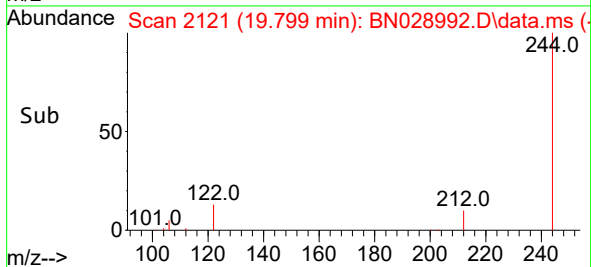
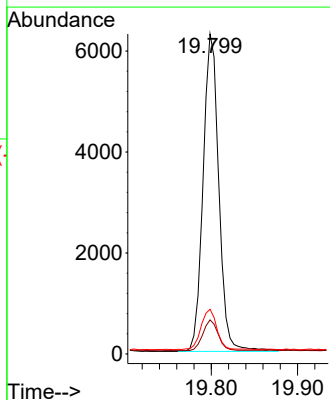
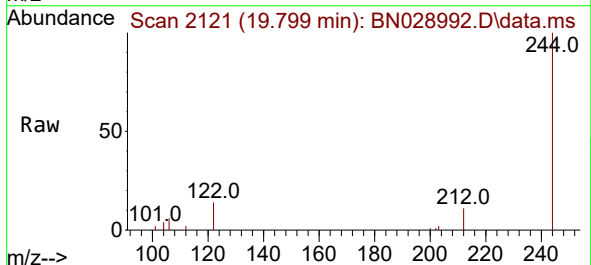
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D1-20231109

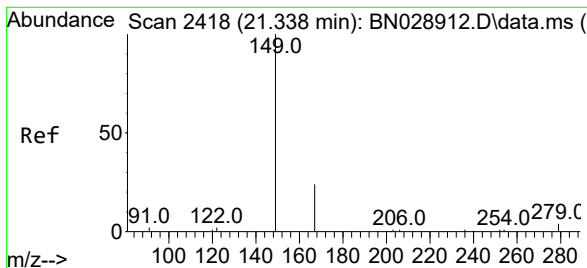
Tgt Ion:202 Resp: 67  
Ion Ratio Lower Upper  
202 100  
200 31.3 16.9 25.3#  
203 0.0 14.8 22.2#



#31  
Terphenyl-d14  
Concen: 0.388 ng  
RT: 19.799 min Scan# 2121  
Delta R.T. -0.019 min  
Lab File: BN028992.D  
Acq: 02 Dec 2023 20:35

Tgt Ion:244 Resp: 7987  
Ion Ratio Lower Upper  
244 100  
212 10.6 11.5 17.3#  
122 13.9 13.2 19.8

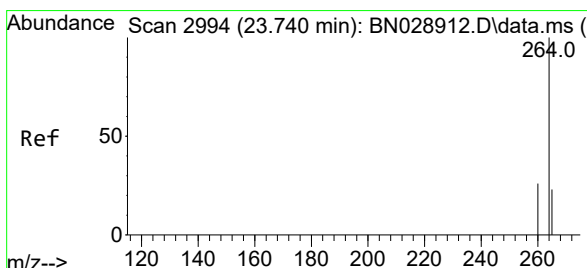
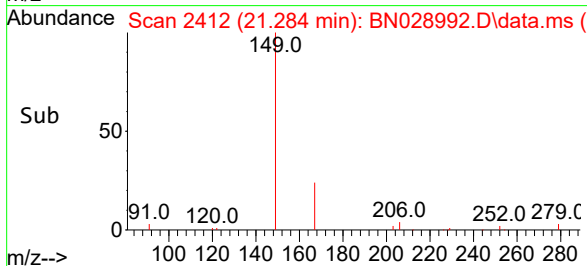
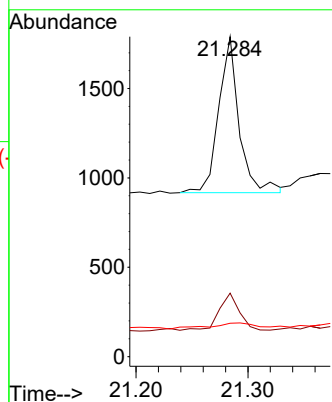
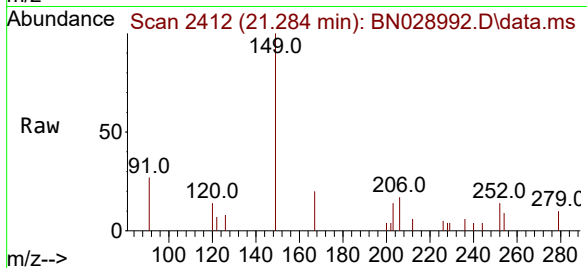




#34  
Bis(2-ethylhexyl)phthalate  
Concen: Below Cal  
RT: 21.284 min Scan# 2412  
Delta R.T. -0.018 min  
Lab File: BN028992.D  
Acq: 02 Dec 2023 20:35

Instrument :  
BNA\_N  
ClientSampleId :  
RE134D1-20231109

Tgt Ion:149 Resp: 1108  
Ion Ratio Lower Upper  
149 100  
167 23.9 14.9 22.3#  
279 8.7 6.3 9.5



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.678 min Scan# 2973  
Delta R.T. -0.029 min  
Lab File: BN028992.D  
Acq: 02 Dec 2023 20:35

Tgt Ion:264 Resp: 6973  
Ion Ratio Lower Upper  
264 100  
260 25.8 20.6 30.8  
265 70.9 464.5 696.7#

