

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021523\  
 Data File : BN024037.D  
 Acq On : 14 Feb 2023 23:36  
 Operator : CG/JU  
 Sample : 01532-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OWBR-03-128-148-021023

Quant Time: Feb 15 03:01:07 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN020723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 15 02:55:51 2023  
 Response via : Initial Calibration

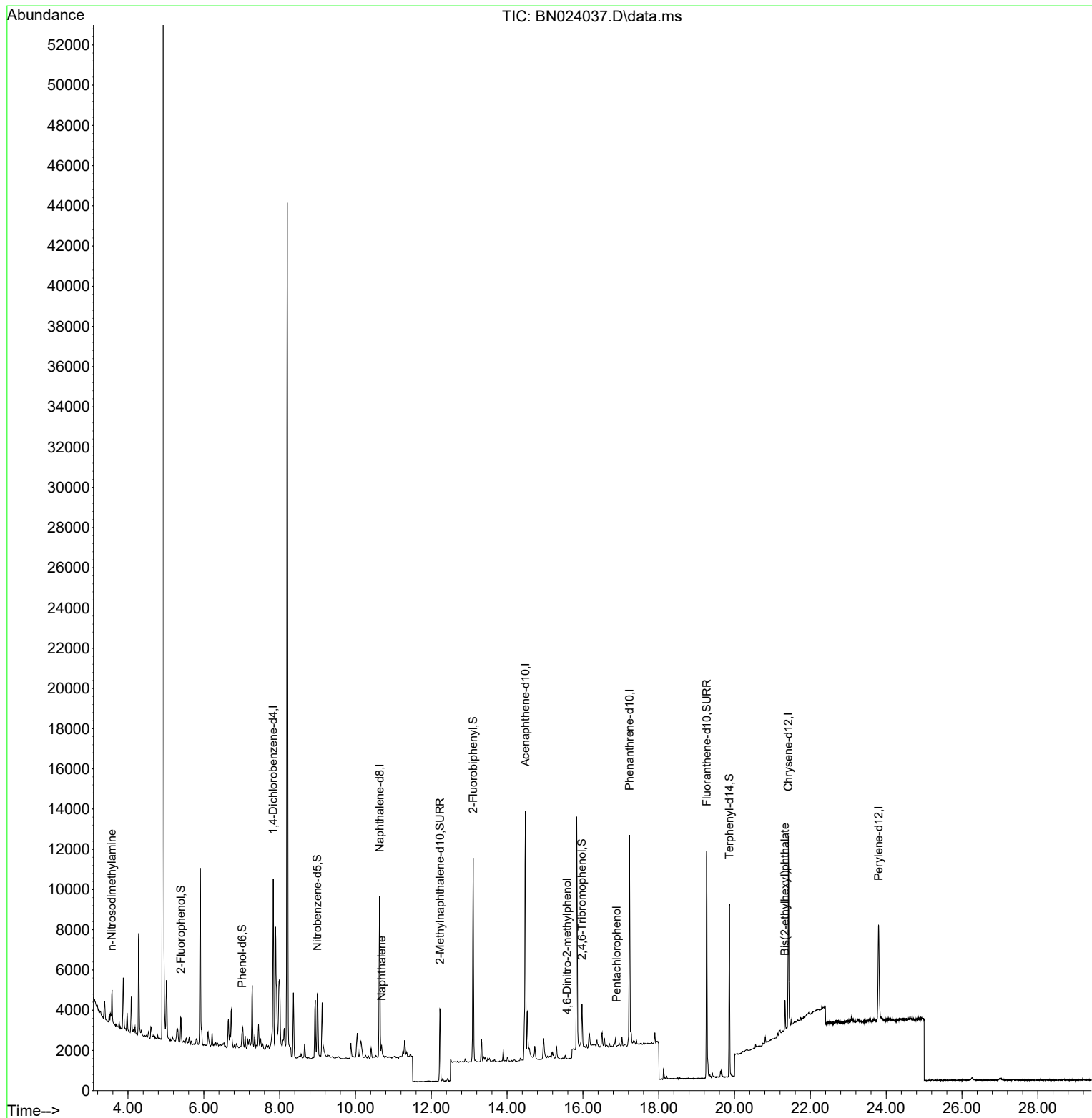
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.833  | 152  | 4063     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.637 | 136  | 10263    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.485 | 164  | 6286     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.228 | 188  | 13354    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.419 | 240  | 9071     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.799 | 264  | 6976     | 0.400 | ng    | #-0.02   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.399  | 112  | 1049     | 0.124 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.009  | 99   | 699      | 0.070 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.993  | 82   | 2587     | 0.314 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.227 | 152  | 4794     | 0.336 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.975 | 330  | 1144     | 0.353 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 8204     | 0.330 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.266 | 212  | 12759    | 0.394 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.865 | 244  | 9450     | 0.558 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 3) n-Nitrosodimethylamine     | 3.572  | 42   | 165      | 0.038 | ng    | # 1      |
| 9) Naphthalene                | 10.690 | 128  | 536      | 0.021 | ng    | # 65     |
| 20) 4,6-Dinitro-2-methylph... | 15.586 | 198  | 6        | 0.195 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.893 | 266  | 25       | 0.173 | ng    | # 39     |
| 34) Bis(2-ethylhexyl)phtha... | 21.330 | 149  | 1637     | 0.123 | ng    | # 92     |
| -----                         |        |      |          |       |       |          |

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

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OWBR-03-128-148-021023

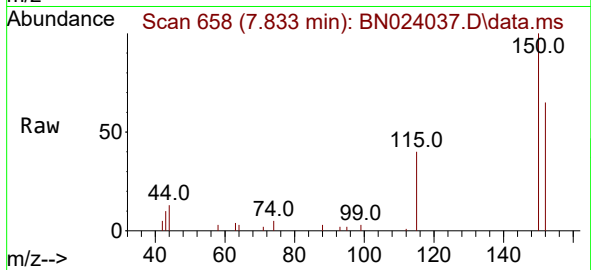
Quant Time: Feb 15 03:01:07 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN020723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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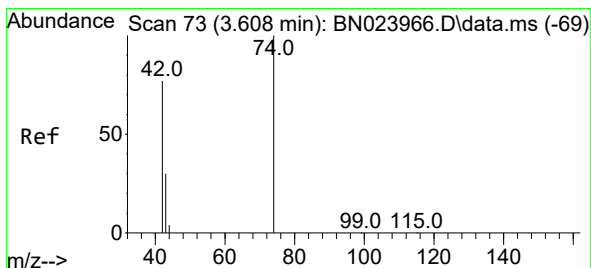
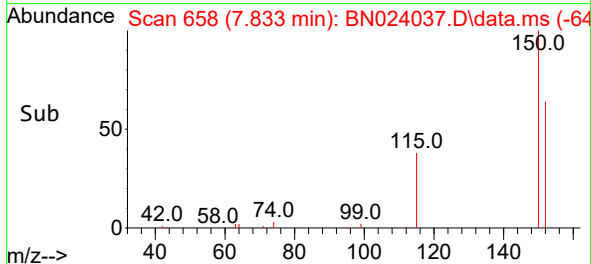
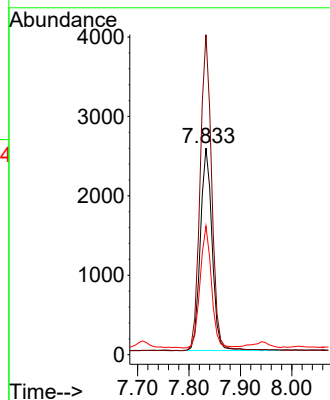


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.833 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN024037.D  
Acq: 14 Feb 2023 23:36

Instrument :  
BNA\_N  
ClientSampleId :  
OWBR-03-128-148-021023

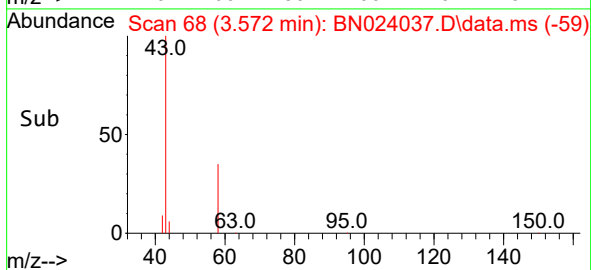
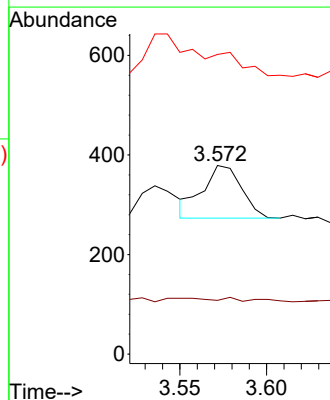
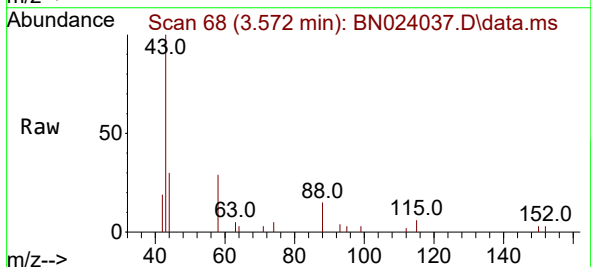


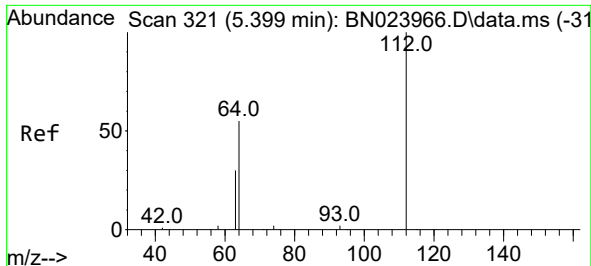
Tgt Ion:152 Resp: 4063  
Ion Ratio Lower Upper  
152 100  
150 154.9 121.8 182.6  
115 62.3 47.7 71.5



#3  
n-Nitrosodimethylamine  
Concen: 0.038 ng  
RT: 3.572 min Scan# 68  
Delta R.T. -0.036 min  
Lab File: BN024037.D  
Acq: 14 Feb 2023 23:36

Tgt Ion: 42 Resp: 165  
Ion Ratio Lower Upper  
42 100  
74 0.0 99.3 148.9#  
44 0.0 4.2 6.4#

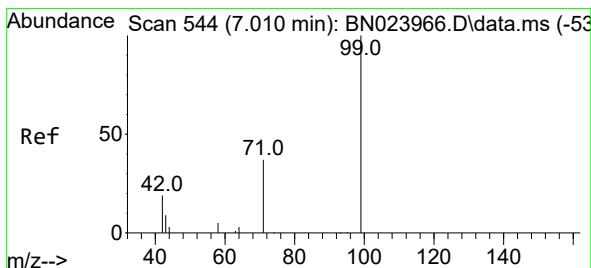
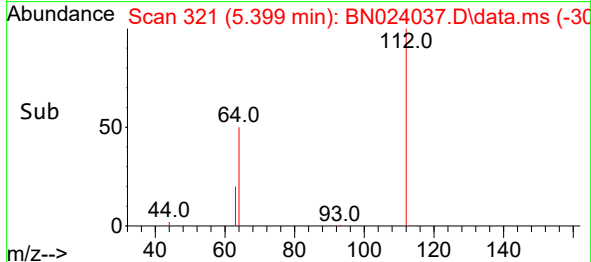
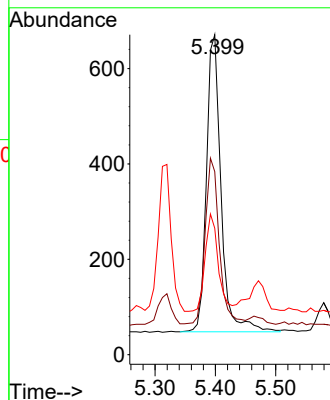
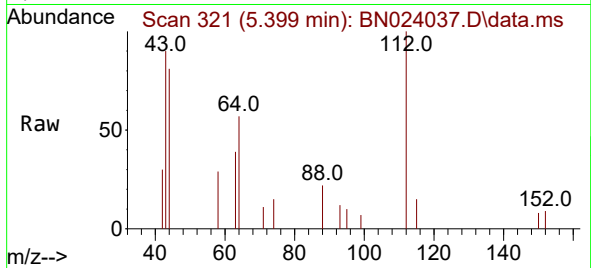




#4  
2-Fluorophenol  
Concen: 0.124 ng  
RT: 5.399 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BN024037.D  
Acq: 14 Feb 2023 23:36

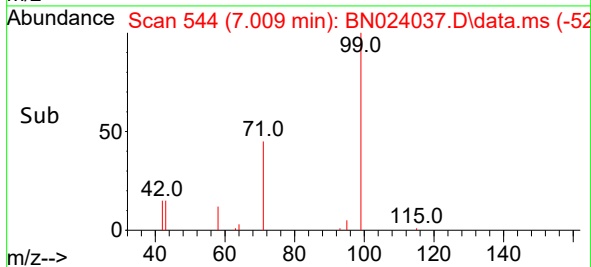
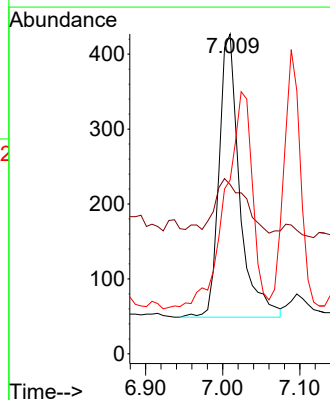
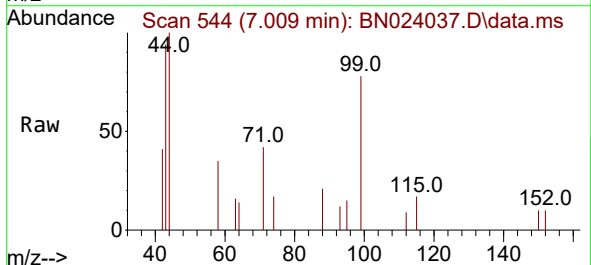
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ClientSampleId :  
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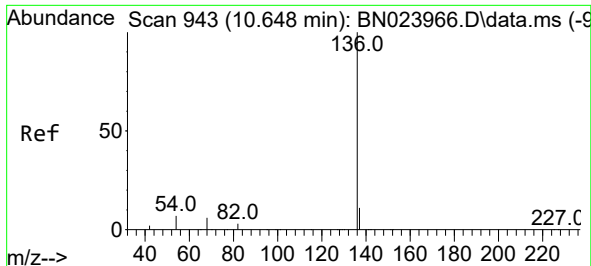
Tgt Ion:112 Resp: 1049  
Ion Ratio Lower Upper  
112 100  
64 53.7 44.8 67.2  
63 29.3 25.1 37.7



#5  
Phenol-d6  
Concen: 0.070 ng  
RT: 7.009 min Scan# 544  
Delta R.T. 0.007 min  
Lab File: BN024037.D  
Acq: 14 Feb 2023 23:36

Tgt Ion: 99 Resp: 699  
Ion Ratio Lower Upper  
99 100  
42 30.3 17.0 25.6#  
71 0.0 29.0 43.4#

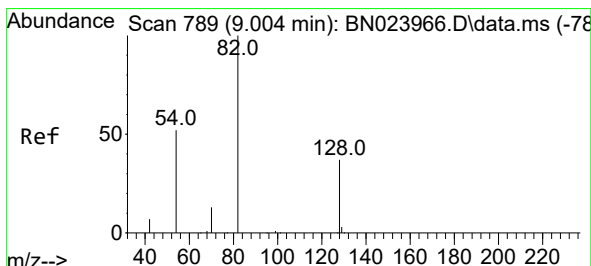
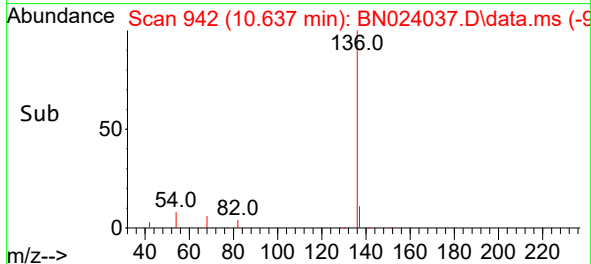
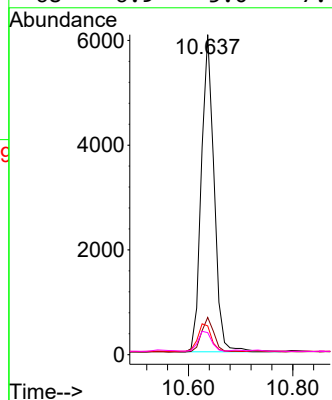
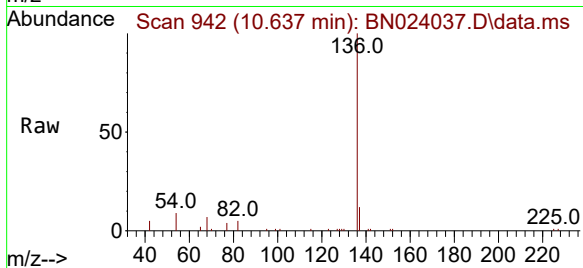




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.637 min Scan# 94  
Delta R.T. 0.000 min  
Lab File: BN024037.D  
Acq: 14 Feb 2023 23:36

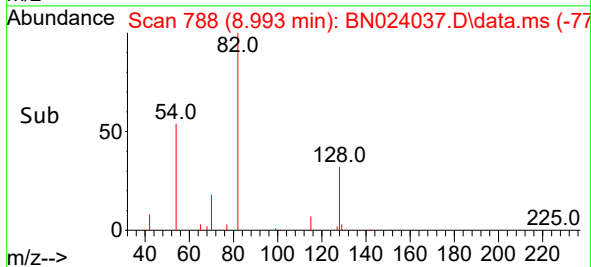
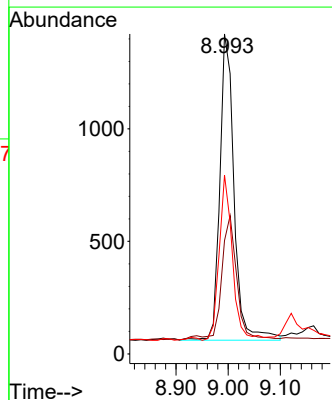
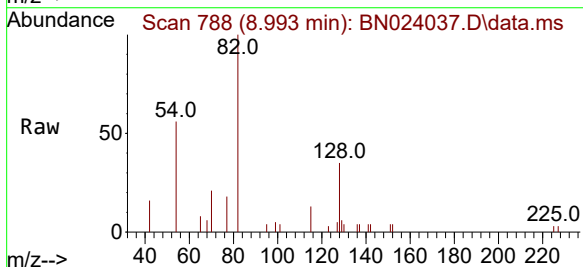
Instrument :  
BNA\_N  
ClientSampleId :  
OWBR-03-128-148-021023

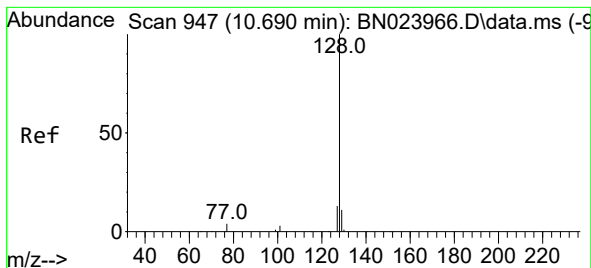
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 10263 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.6  | 9.1   | 13.7  |
| 54        | 9.0   | 5.8   | 8.8#  |
| 68        | 6.9   | 5.0   | 7.4   |



#8  
Nitrobenzene-d5  
Concen: 0.314 ng  
RT: 8.993 min Scan# 788  
Delta R.T. -0.011 min  
Lab File: BN024037.D  
Acq: 14 Feb 2023 23:36

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 2587 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 35.4  | 31.5  | 47.3 |
| 54        | 55.9  | 42.8  | 64.2 |





#9

Naphthalene

Concen: 0.021 ng

RT: 10.690 min Scan# 94

Delta R.T. 0.000 min

Lab File: BN024037.D

Acq: 14 Feb 2023 23:36

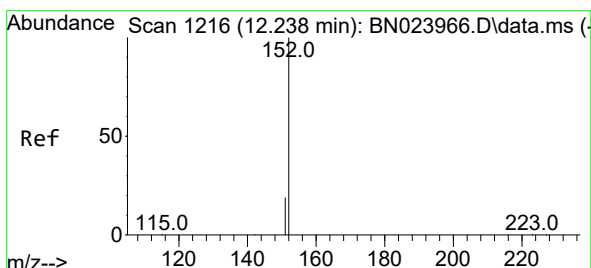
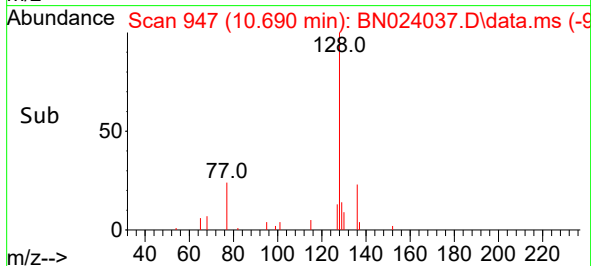
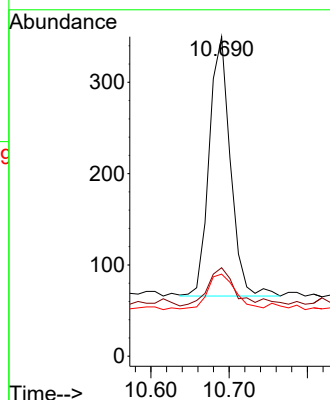
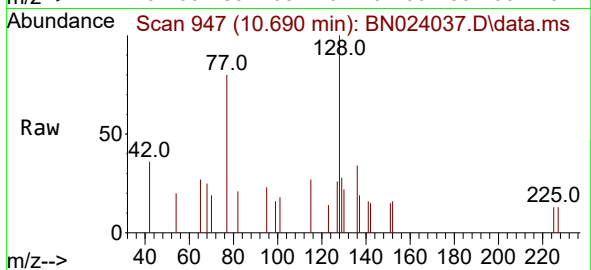
Instrument :

BNA\_N

ClientSampleId :

OWBR-03-128-148-021023

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 536   |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 27.7  | 9.3   | 13.9# |
| 127      | 25.7  | 11.0  | 16.4# |



#11

2-Methylnaphthalene-d10

Concen: 0.336 ng

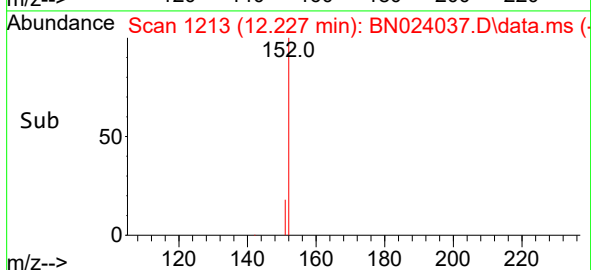
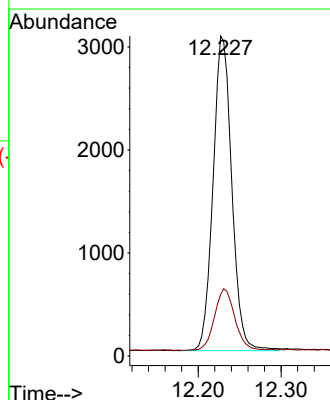
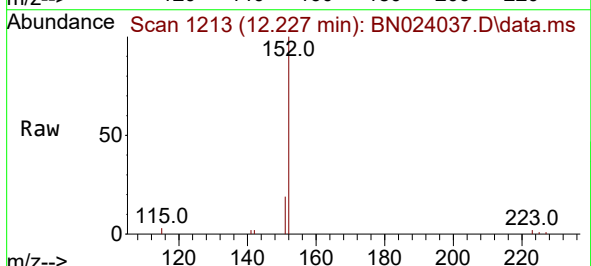
RT: 12.227 min Scan# 1213

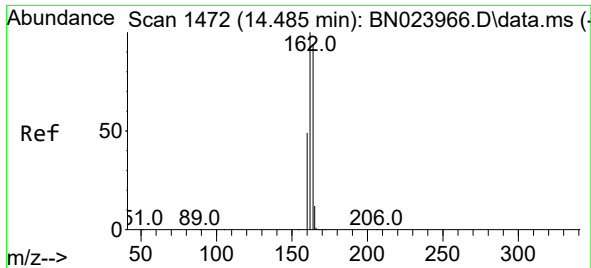
Delta R.T. -0.007 min

Lab File: BN024037.D

Acq: 14 Feb 2023 23:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 4794  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 21.3  | 16.6  | 24.8  |

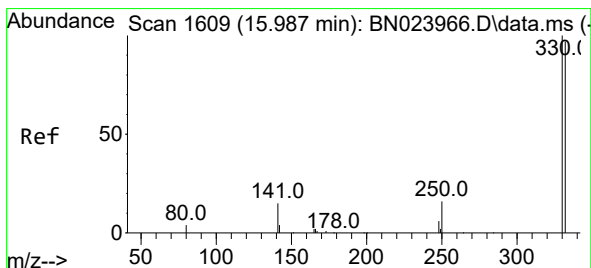
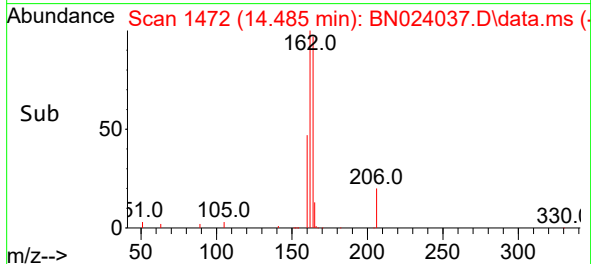
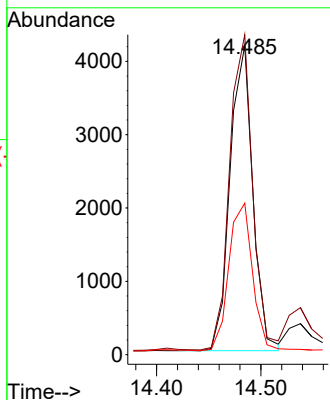
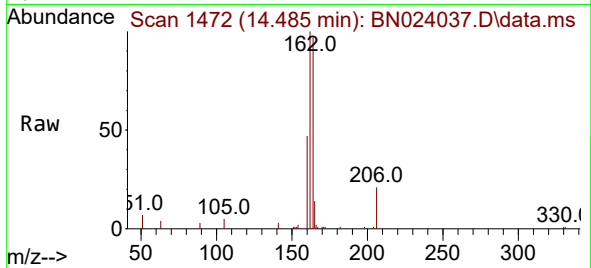




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.485 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: BN024037.D  
Acq: 14 Feb 2023 23:36

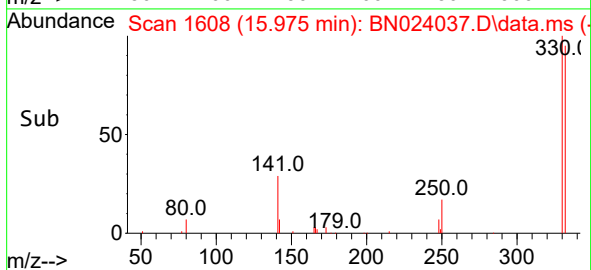
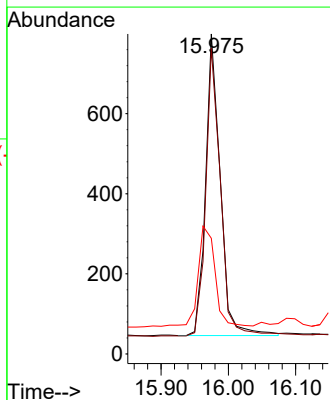
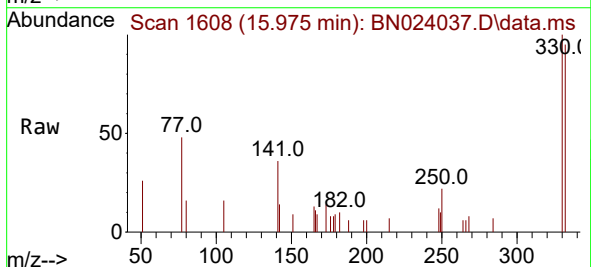
Instrument :  
BNA\_N  
ClientSampleId :  
OWBR-03-128-148-021023

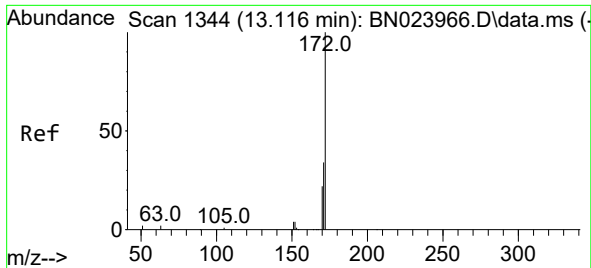
Tgt Ion:164 Resp: 6286  
Ion Ratio Lower Upper  
164 100  
162 103.5 84.8 127.2  
160 49.0 42.0 63.0



#14  
2,4,6-Tribromophenol  
Concen: 0.353 ng  
RT: 15.975 min Scan# 1608  
Delta R.T. -0.012 min  
Lab File: BN024037.D  
Acq: 14 Feb 2023 23:36

Tgt Ion:330 Resp: 1144  
Ion Ratio Lower Upper  
330 100  
332 95.2 77.7 116.5  
141 36.8 26.6 39.8

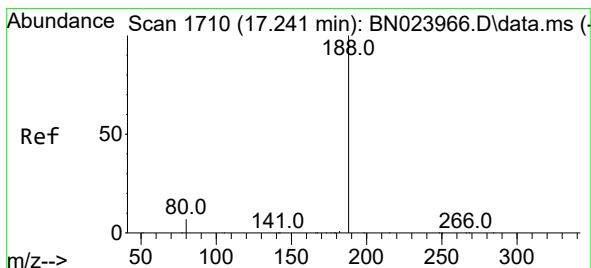
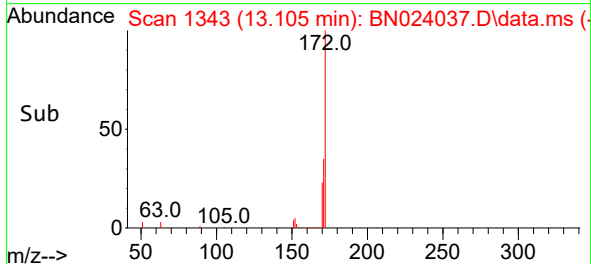
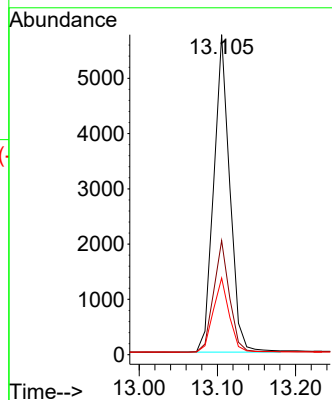
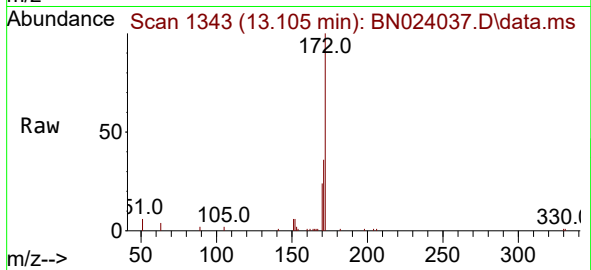




#15  
2-Fluorobiphenyl  
Concen: 0.330 ng  
RT: 13.105 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN024037.D  
Acq: 14 Feb 2023 23:36

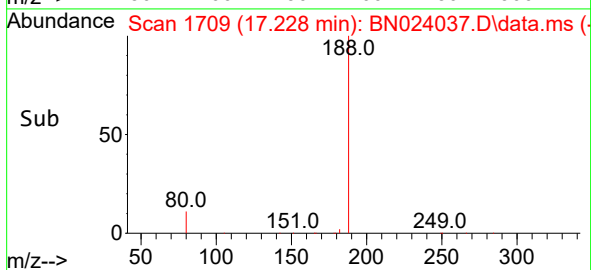
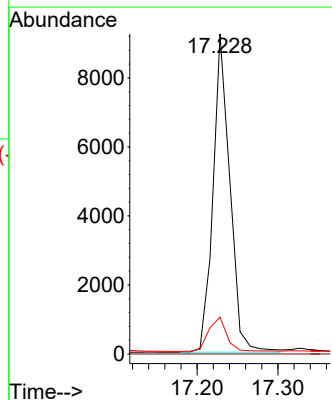
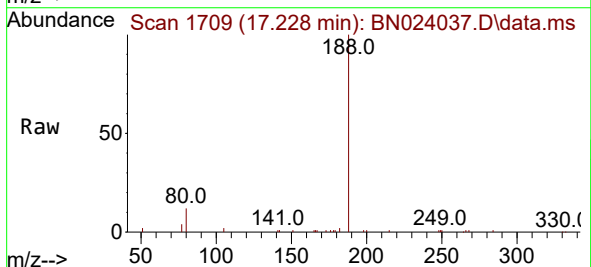
Instrument :  
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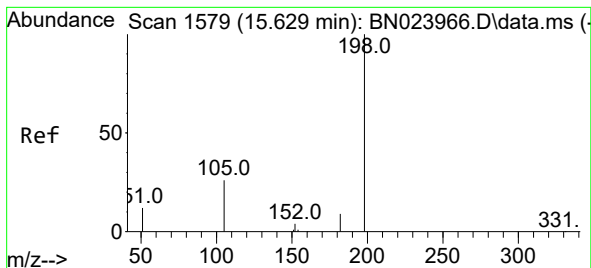
Tgt Ion:172 Resp: 8204  
Ion Ratio Lower Upper  
172 100  
171 35.6 27.4 41.2  
170 23.9 18.2 27.4



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.228 min Scan# 1709  
Delta R.T. 0.000 min  
Lab File: BN024037.D  
Acq: 14 Feb 2023 23:36

Tgt Ion:188 Resp: 13354  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.5 6.1 9.1#

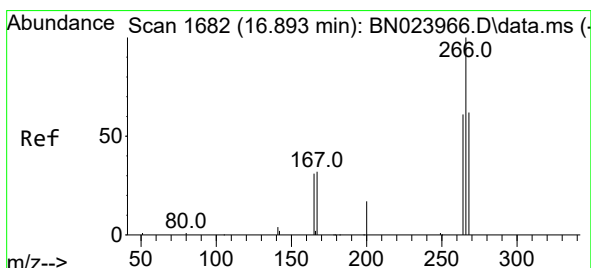
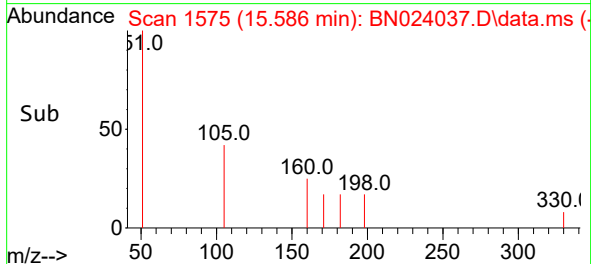
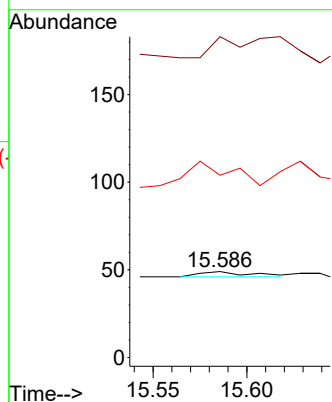
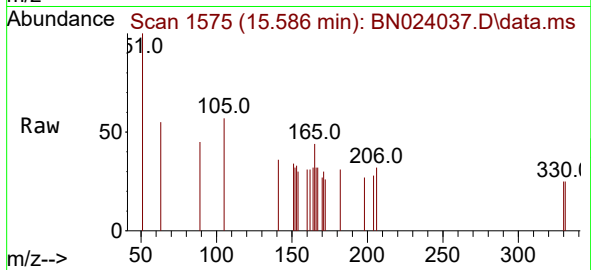




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.195 ng  
RT: 15.586 min Scan# 1575  
Delta R.T. -0.043 min  
Lab File: BN024037.D  
Acq: 14 Feb 2023 23:36

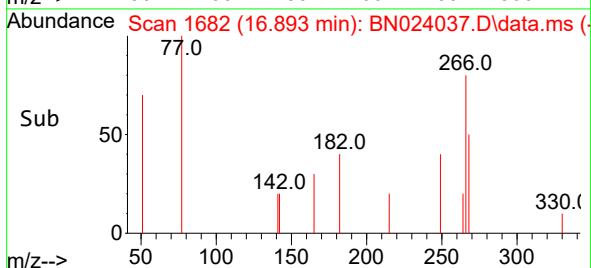
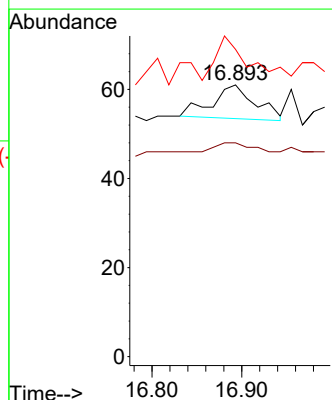
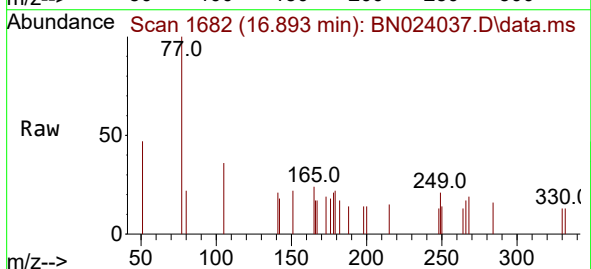
Instrument :  
BNA\_N  
ClientSampleId :  
OWBR-03-128-148-021023

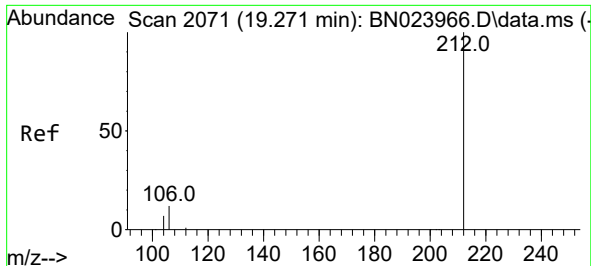
Tgt Ion:198 Resp: 6  
Ion Ratio Lower Upper  
198 100  
51 373.5 36.8 55.2#  
105 212.2 28.8 43.2#



#24  
Pentachlorophenol  
Concen: 0.173 ng  
RT: 16.893 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: BN024037.D  
Acq: 14 Feb 2023 23:36

Tgt Ion:266 Resp: 25  
Ion Ratio Lower Upper  
266 100  
264 20.0 47.6 71.4#  
268 112.0 47.5 71.3#

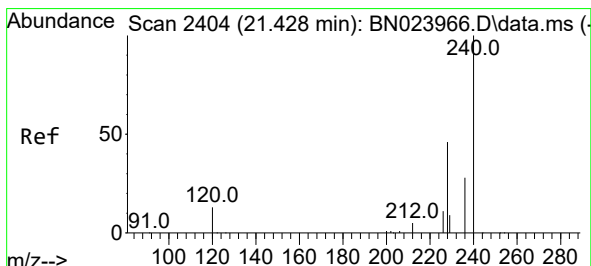
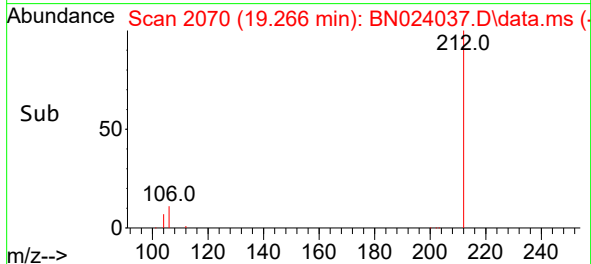
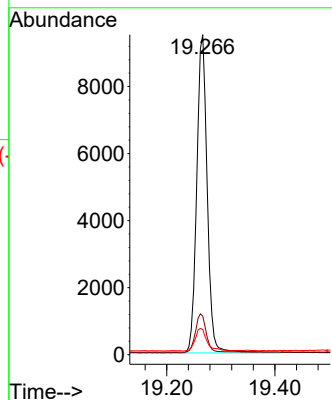
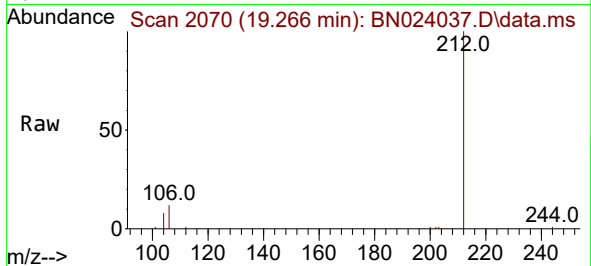




#27  
Fluoranthene-d10  
Concen: 0.394 ng  
RT: 19.266 min Scan# 2070  
Delta R.T. 0.000 min  
Lab File: BN024037.D  
Acq: 14 Feb 2023 23:36

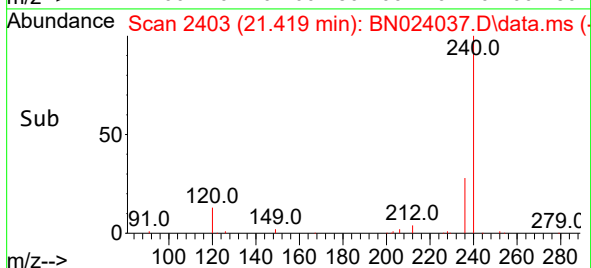
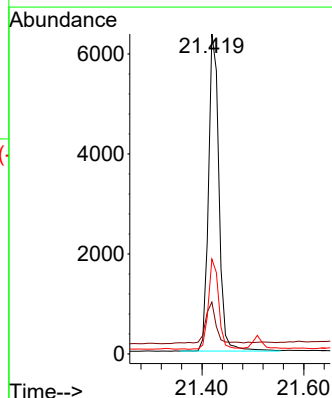
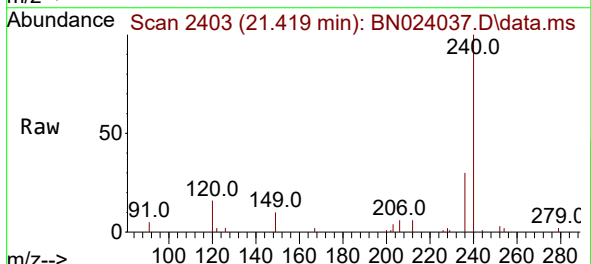
Instrument :  
BNA\_N  
ClientSampleId :  
OWBR-03-128-148-021023

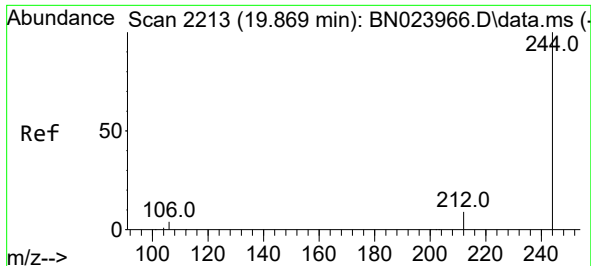
Tgt Ion:212 Resp: 12759  
Ion Ratio Lower Upper  
212 100  
106 12.3 9.2 13.8  
104 7.9 5.7 8.5



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.419 min Scan# 2403  
Delta R.T. -0.009 min  
Lab File: BN024037.D  
Acq: 14 Feb 2023 23:36

Tgt Ion:240 Resp: 9071  
Ion Ratio Lower Upper  
240 100  
120 16.2 11.4 17.0  
236 29.7 23.2 34.8

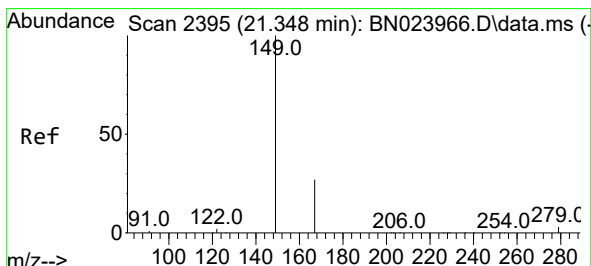
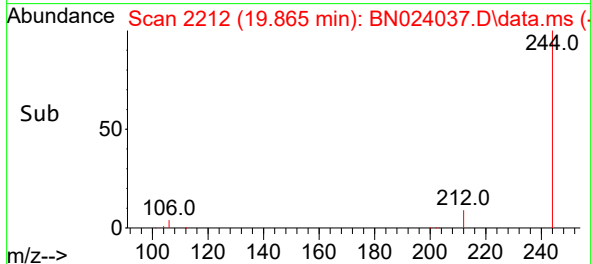
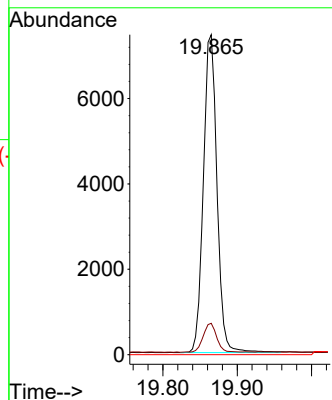
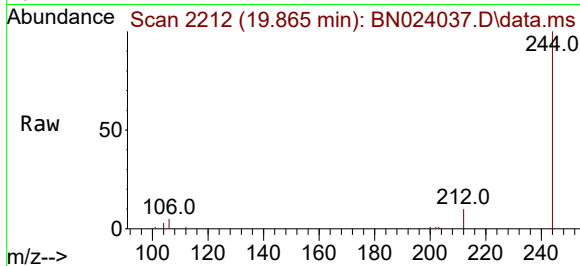




#31  
 Terphenyl-d14  
 Concen: 0.558 ng  
 RT: 19.865 min Scan# 211  
 Delta R.T. 0.000 min  
 Lab File: BN024037.D  
 Acq: 14 Feb 2023 23:36

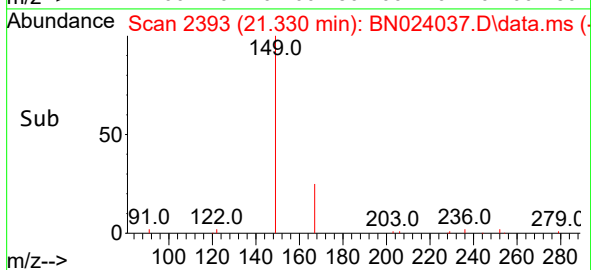
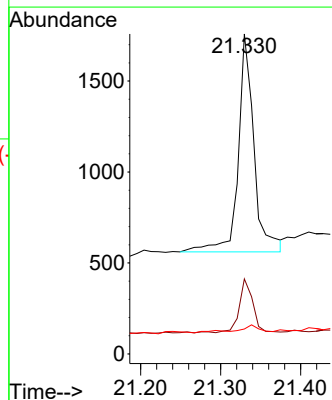
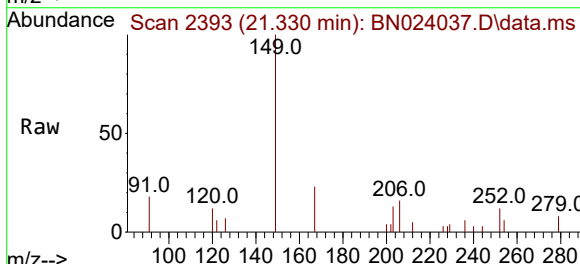
Instrument :  
 BNA\_N  
 ClientSampleId :  
 OWBR-03-128-148-021023

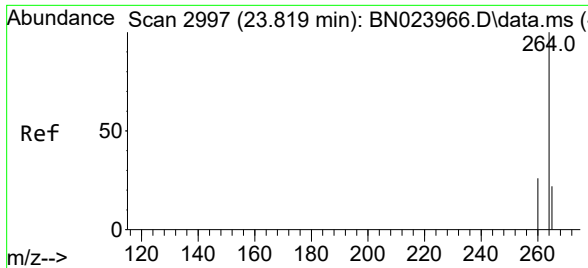
Tgt Ion:244 Resp: 9450  
 Ion Ratio Lower Upper  
 244 100  
 212 9.8 7.7 11.5  
 122 0.0 0.0 0.0



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.123 ng  
 RT: 21.330 min Scan# 2393  
 Delta R.T. -0.009 min  
 Lab File: BN024037.D  
 Acq: 14 Feb 2023 23:36

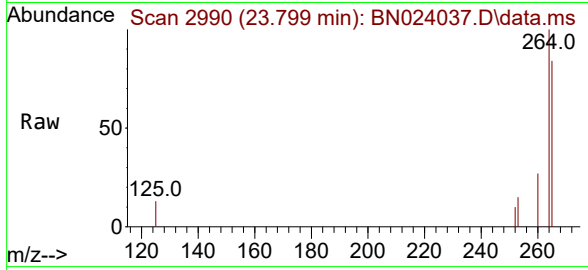
Tgt Ion:149 Resp: 1637  
 Ion Ratio Lower Upper  
 149 100  
 167 21.8 21.1 31.7  
 279 2.6 3.1 4.7#





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.799 min Scan# 2990  
 Delta R.T. -0.020 min  
 Lab File: BN024037.D  
 Acq: 14 Feb 2023 23:36

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OWBR-03-128-148-021023



Tgt Ion:264 Resp: 6976

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.5  | 21.4  | 32.0  |
| 265 | 84.2  | 41.4  | 62.0  |

