

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120922\  
 Data File : BN023113.D  
 Acq On : 09 Dec 2022 19:33  
 Operator : CG/JU  
 Sample : PB149021BL  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

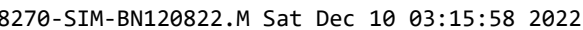
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB149021BL

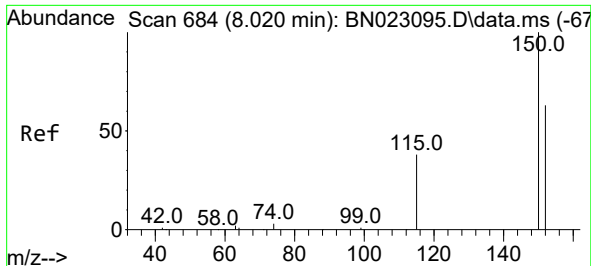
Quant Time: Dec 10 03:15:55 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN120822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 09 07:44:40 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.020  | 152  | 7130     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.840 | 136  | 20010    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.666 | 164  | 9933     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.402 | 188  | 22127    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.589 | 240  | 16442    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.050 | 264  | 13077    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.558  | 112  | 7105     | 0.535 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.168  | 99   | 8622     | 0.511 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.185  | 82   | 5214     | 0.396 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.423 | 152  | 12725    | 0.375 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.148 | 330  | 1604     | 0.445 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.298 | 172  | 17561    | 0.443 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.435 | 212  | 20476    | 0.395 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.031 | 244  | 13302    | 0.498 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 3) n-Nitrosodimethylamine     | 3.716  | 42   | 257      | 0.037 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.788 | 198  | 5        | 0.233 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.500 | 149  | 550      | 0.025 | ng    | # 75     |
| -----                         |        |      |          |       |       |          |

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

Quant Time: Dec 10 03:15:55 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN120822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 09 07:44:40 2022  
Response via : Initial Calibration

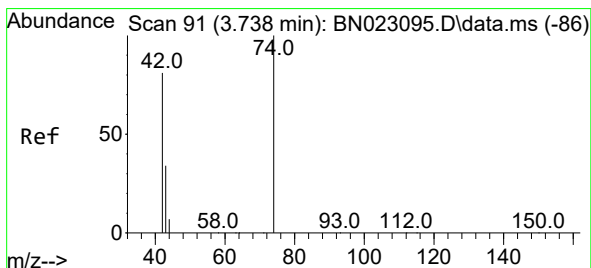
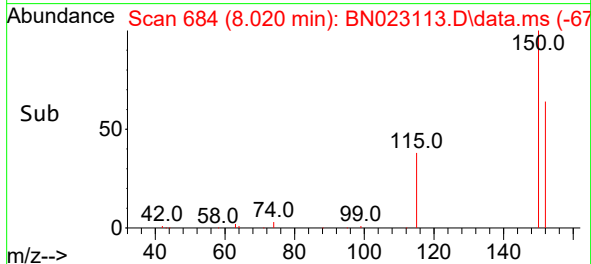
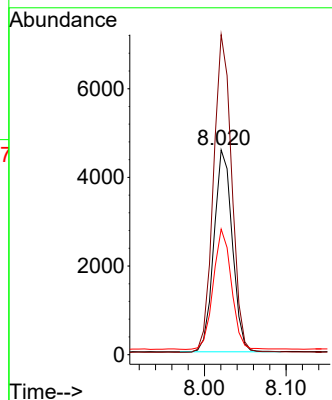
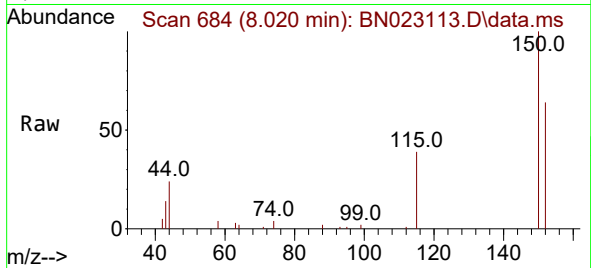




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.020 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BN023113.D  
Acq: 09 Dec 2022 19:33

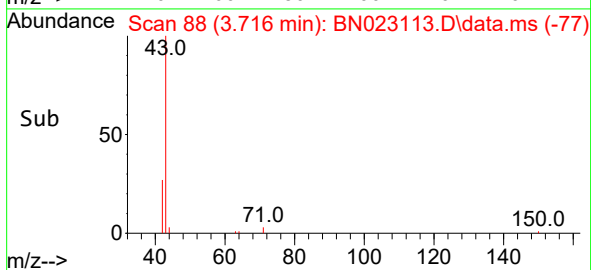
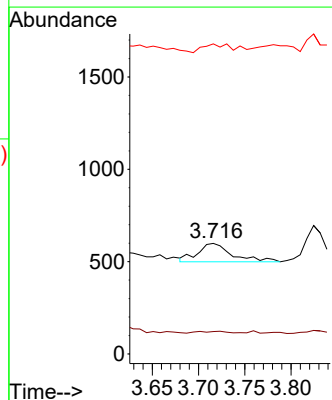
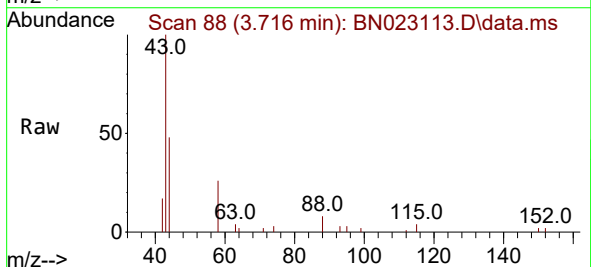
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BNA\_N  
ClientSampleId :  
PB149021BL

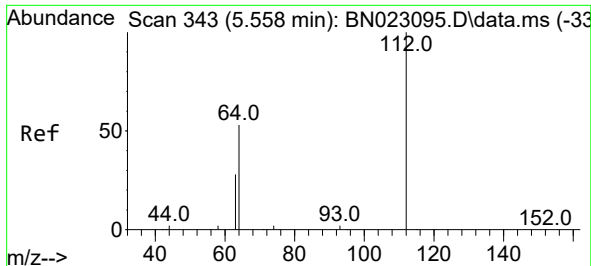
Tgt Ion:152 Resp: 7130  
Ion Ratio Lower Upper  
152 100  
150 156.3 125.6 188.4  
115 61.3 49.0 73.4



#3  
n-Nitrosodimethylamine  
Concen: 0.037 ng  
RT: 3.716 min Scan# 88  
Delta R.T. -0.022 min  
Lab File: BN023113.D  
Acq: 09 Dec 2022 19:33

Tgt Ion: 42 Resp: 257  
Ion Ratio Lower Upper  
42 100  
74 3.5 95.8 143.6#  
44 42.8 8.4 12.6#

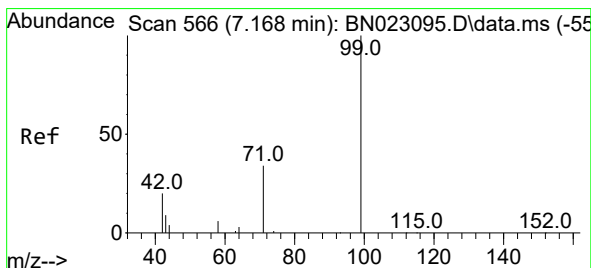
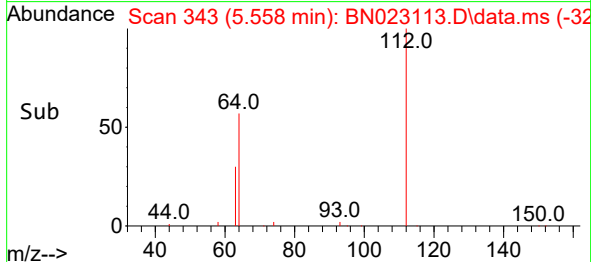
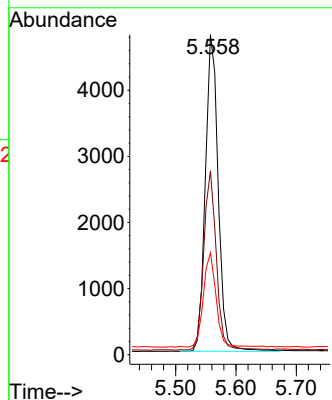
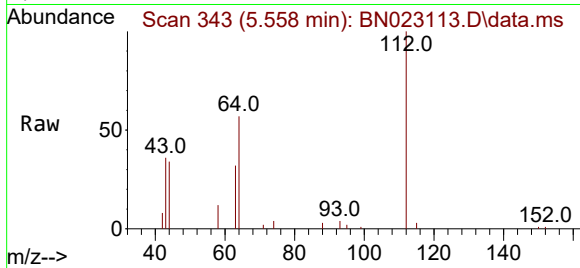




#4  
2-Fluorophenol  
Concen: 0.535 ng  
RT: 5.558 min Scan# 343  
Delta R.T. 0.000 min  
Lab File: BN023113.D  
Acq: 09 Dec 2022 19:33

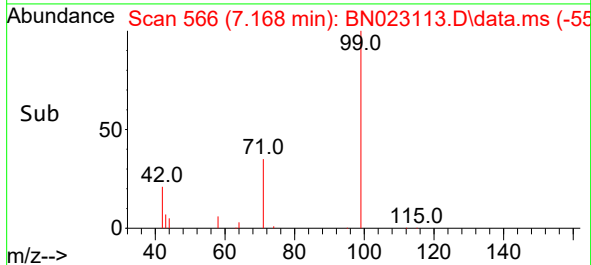
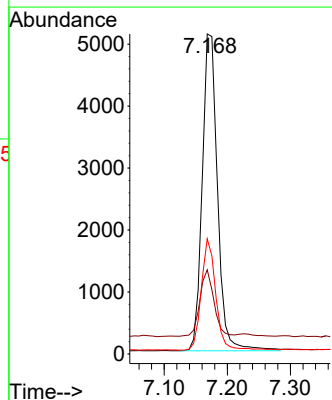
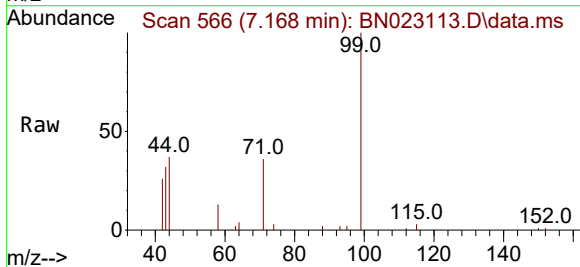
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BNA\_N  
ClientSampleId :  
PB149021BL

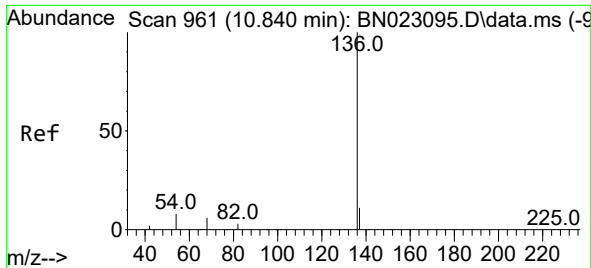
Tgt Ion:112 Resp: 7105  
Ion Ratio Lower Upper  
112 100  
64 55.6 44.4 66.6  
63 29.6 23.7 35.5



#5  
Phenol-d6  
Concen: 0.511 ng  
RT: 7.168 min Scan# 566  
Delta R.T. 0.000 min  
Lab File: BN023113.D  
Acq: 09 Dec 2022 19:33

Tgt Ion: 99 Resp: 8622  
Ion Ratio Lower Upper  
99 100  
42 19.8 16.3 24.5  
71 33.3 26.5 39.7

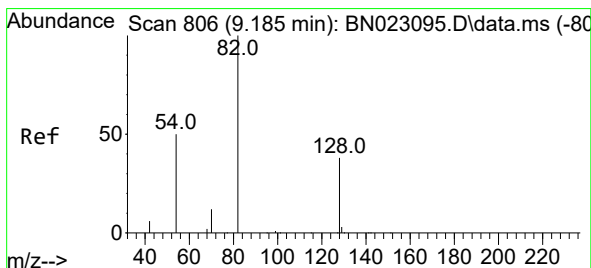
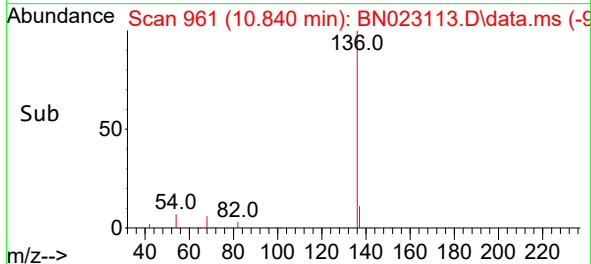
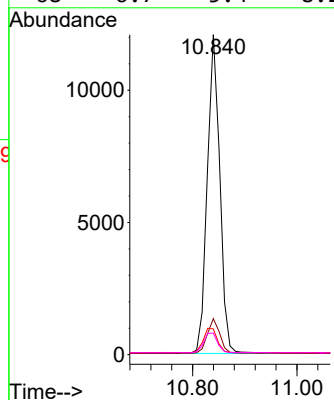
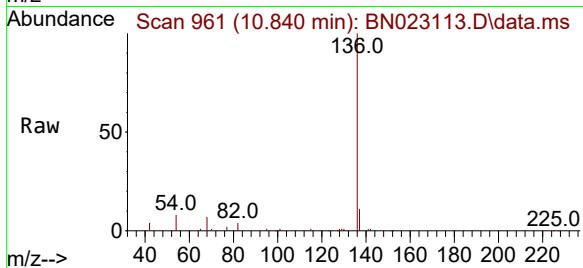




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.840 min Scan# 961  
Delta R.T. 0.000 min  
Lab File: BN023113.D  
Acq: 09 Dec 2022 19:33

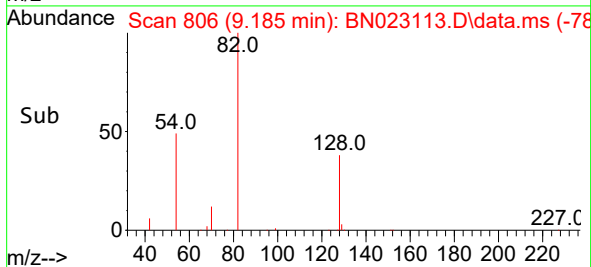
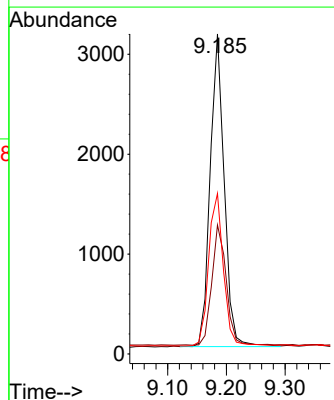
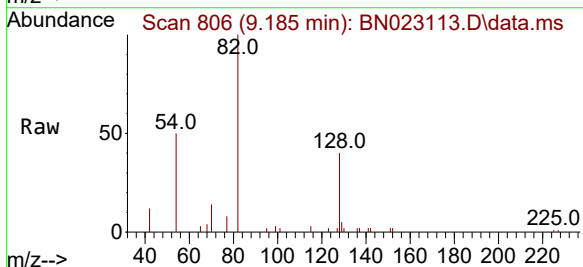
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BNA\_N  
ClientSampleId :  
PB149021BL

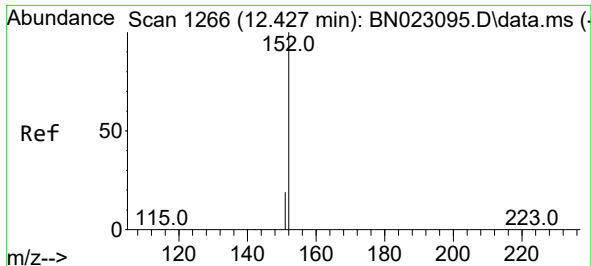
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 20010 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.2  | 9.0   | 13.4  |
| 54       | 8.0   | 6.5   | 9.7   |
| 68       | 6.7   | 5.4   | 8.2   |



#8  
Nitrobenzene-d5  
Concen: 0.396 ng  
RT: 9.185 min Scan# 806  
Delta R.T. 0.000 min  
Lab File: BN023113.D  
Acq: 09 Dec 2022 19:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 5214  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 40.3  | 31.4  | 47.2  |
| 54       | 50.2  | 41.0  | 61.4  |

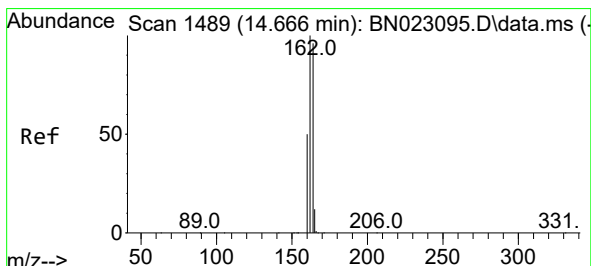
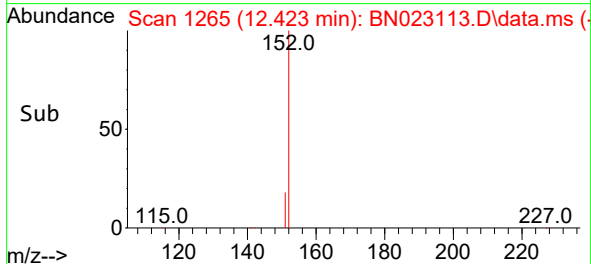
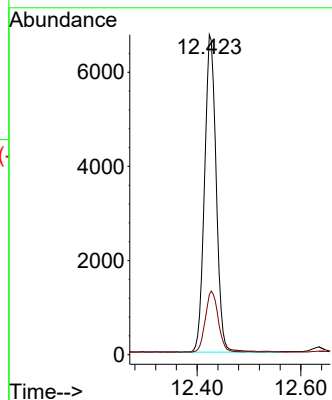
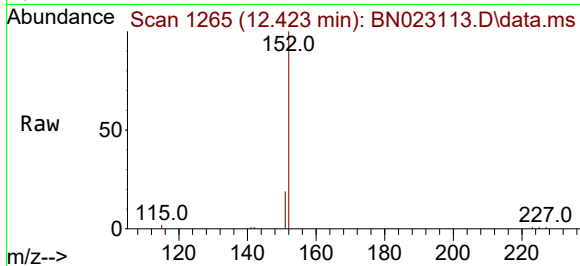




#11  
2-Methylnaphthalene-d10  
Concen: 0.375 ng  
RT: 12.423 min Scan# 1266  
Delta R.T. -0.004 min  
Lab File: BN023113.D  
Acq: 09 Dec 2022 19:33

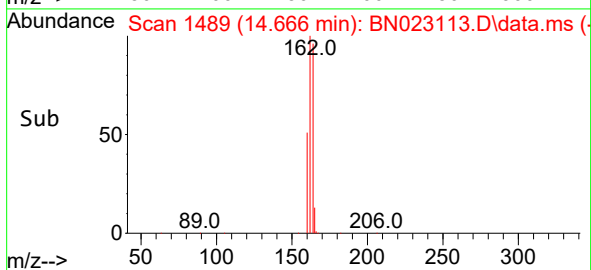
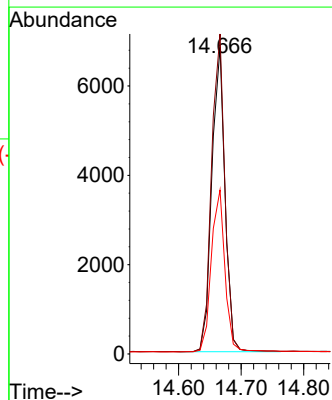
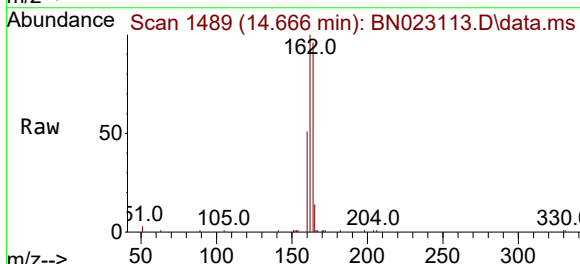
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BNA\_N  
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PB149021BL

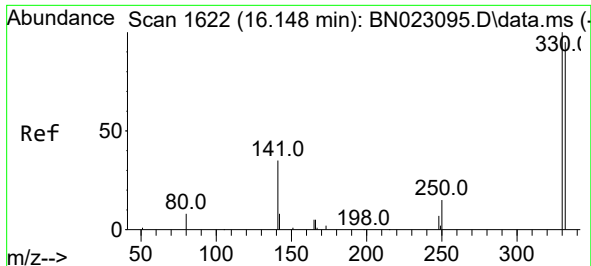
Tgt Ion:152 Resp: 12725  
Ion Ratio Lower Upper  
152 100  
151 17.6 15.1 22.7



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.666 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: BN023113.D  
Acq: 09 Dec 2022 19:33

Tgt Ion:164 Resp: 9933  
Ion Ratio Lower Upper  
164 100  
162 104.3 83.4 125.0  
160 53.4 41.8 62.8

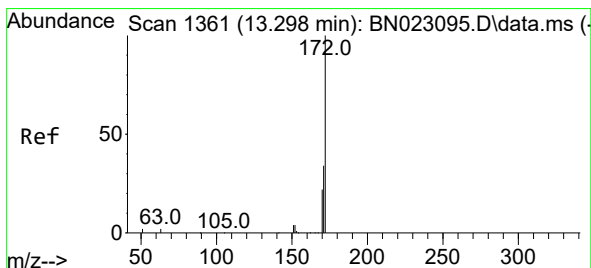
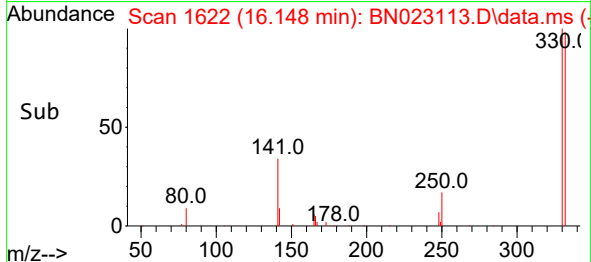
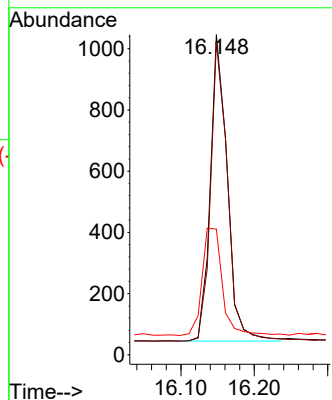
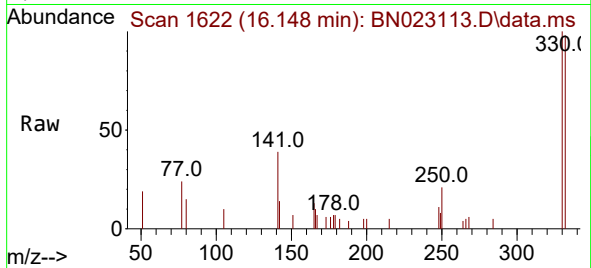




#14  
2,4,6-Tribromophenol  
Concen: 0.445 ng  
RT: 16.148 min Scan# 1622  
Delta R.T. 0.000 min  
Lab File: BN023113.D  
Acq: 09 Dec 2022 19:33

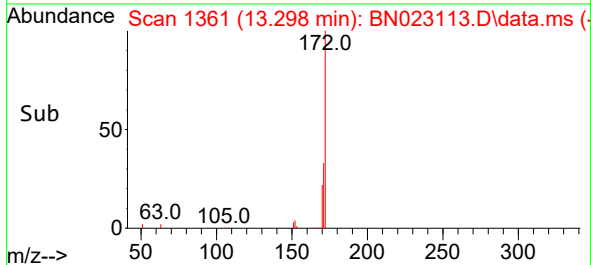
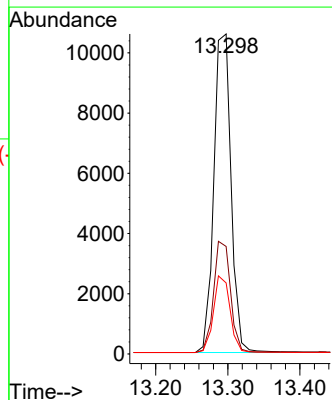
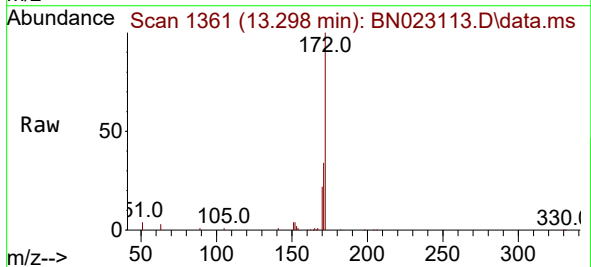
Instrument :  
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ClientSampleId :  
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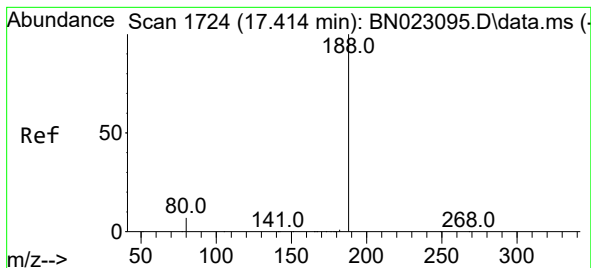
Tgt Ion: 330 Resp: 1604  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.3 115.9  
141 41.5 33.5 50.3



#15  
2-Fluorobiphenyl  
Concen: 0.443 ng  
RT: 13.298 min Scan# 1361  
Delta R.T. 0.000 min  
Lab File: BN023113.D  
Acq: 09 Dec 2022 19:33

Tgt Ion: 172 Resp: 17561  
Ion Ratio Lower Upper  
172 100  
171 33.6 27.4 41.0  
170 22.2 17.9 26.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.402 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN023113.D

Acq: 09 Dec 2022 19:33

Instrument :

BNA\_N

ClientSampleId :

PB149021BL

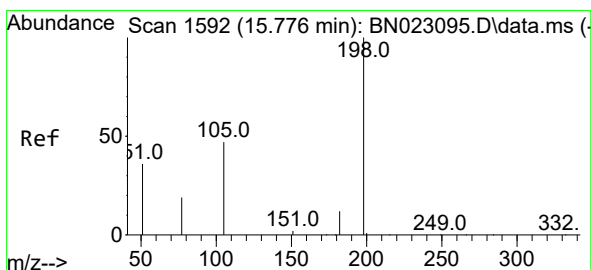
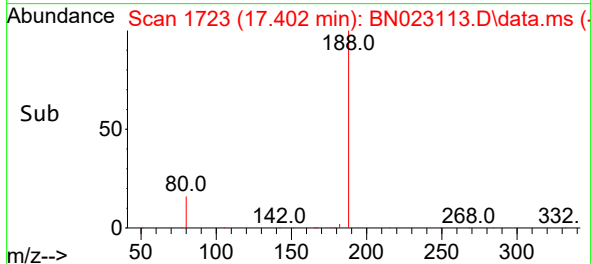
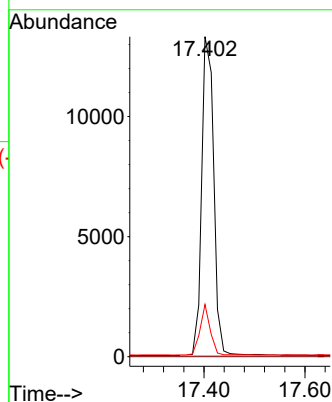
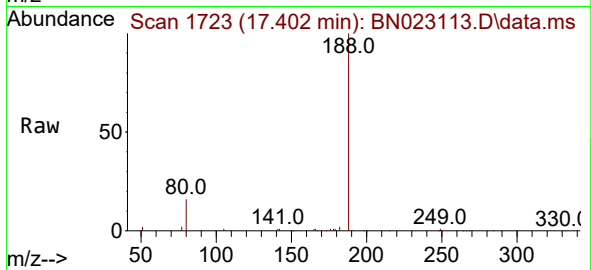
Tgt Ion:188 Resp: 22127

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.3 6.1 9.1#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.233 ng

RT: 15.788 min Scan# 1593

Delta R.T. 0.012 min

Lab File: BN023113.D

Acq: 09 Dec 2022 19:33

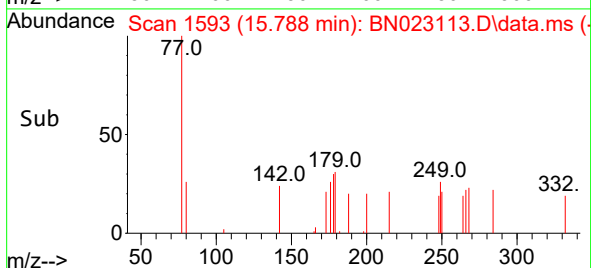
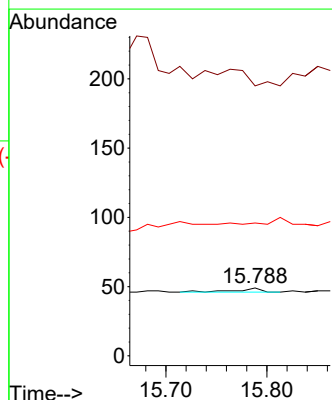
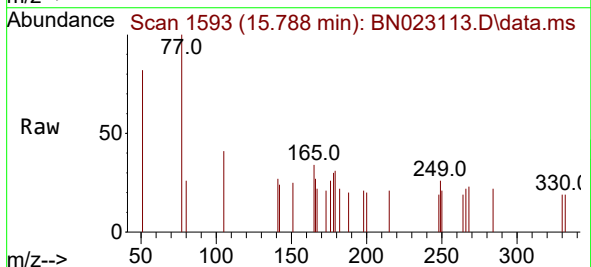
Tgt Ion:198 Resp: 5

Ion Ratio Lower Upper

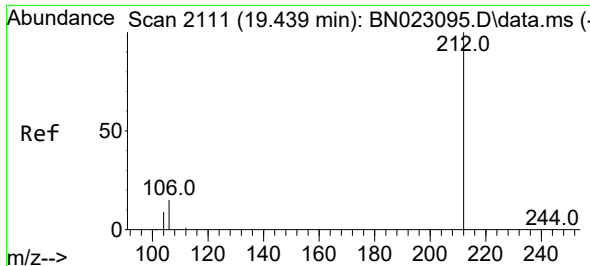
198 100

51 398.0 57.0 85.4#

105 195.9 47.2 70.8#



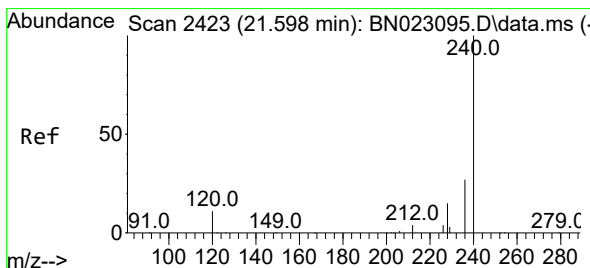
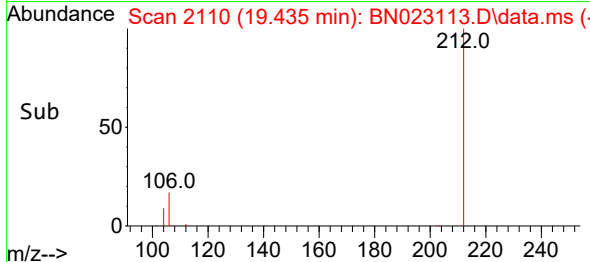
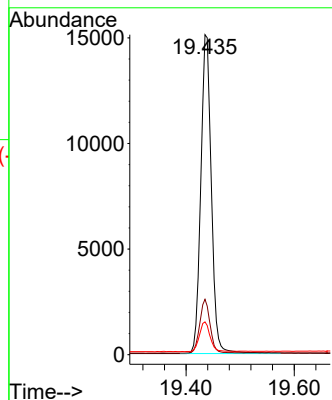
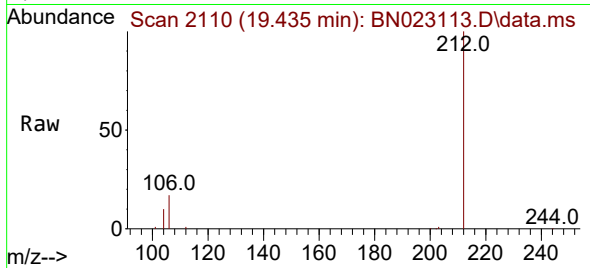




#27  
Fluoranthene-d10  
Concen: 0.395 ng  
RT: 19.435 min Scan# 2111  
Delta R.T. -0.004 min  
Lab File: BN023113.D  
Acq: 09 Dec 2022 19:33

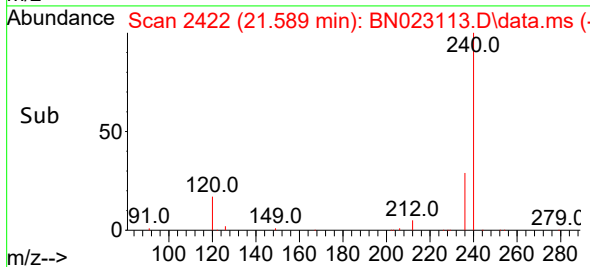
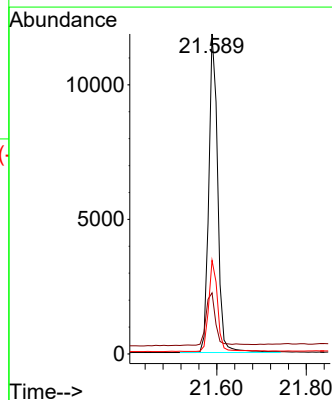
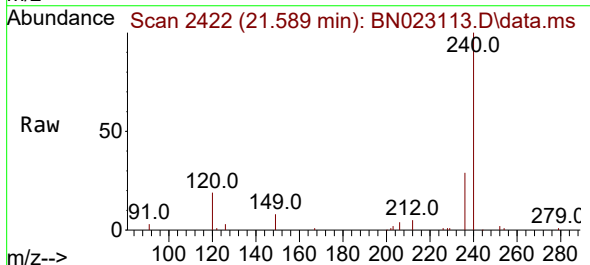
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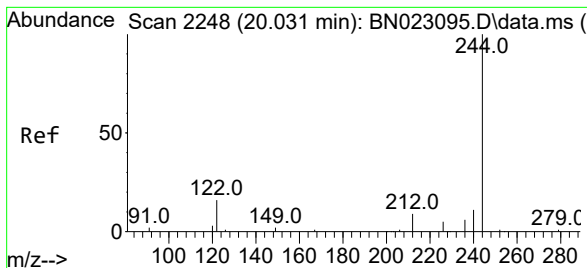
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Ion Ratio Lower Upper  
212 100  
106 16.5 13.0 19.4  
104 9.4 7.5 11.3



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.589 min Scan# 2422  
Delta R.T. -0.009 min  
Lab File: BN023113.D  
Acq: 09 Dec 2022 19:33

Tgt Ion:240 Resp: 16442  
Ion Ratio Lower Upper  
240 100  
120 19.1 10.1 15.1#  
236 29.3 22.2 33.4





#31

Terphenyl-d14

Concen: 0.498 ng

RT: 20.031 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN023113.D

Acq: 09 Dec 2022 19:33

Instrument :

BNA\_N

ClientSampleId :

PB149021BL

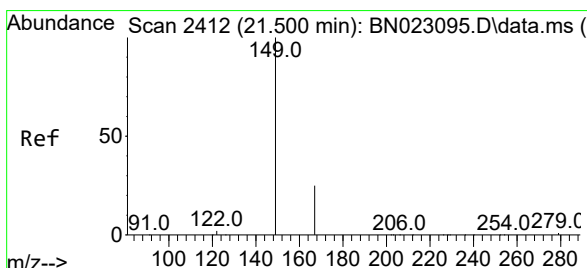
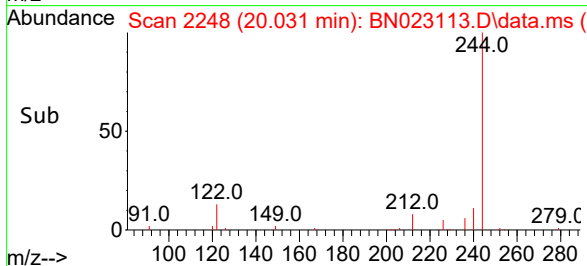
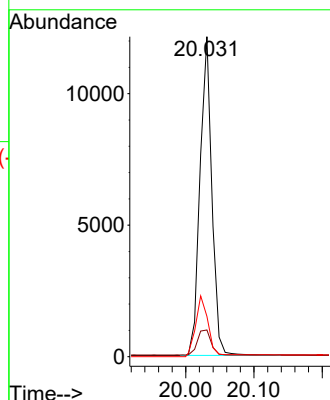
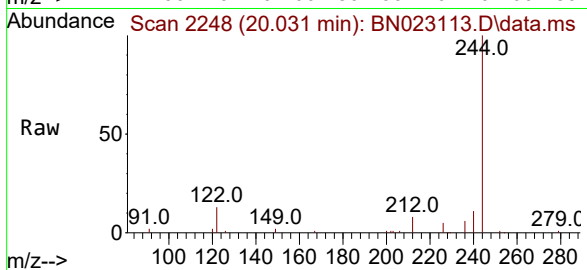
Tgt Ion:244 Resp: 13302

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

122 12.6 12.6 18.8



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.025 ng

RT: 21.500 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BN023113.D

Acq: 09 Dec 2022 19:33

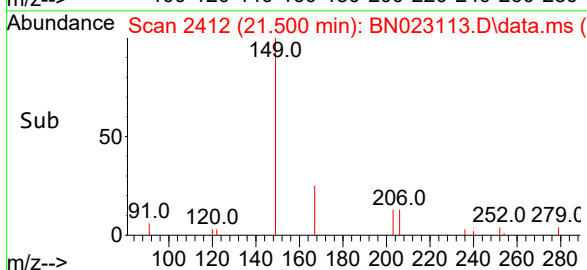
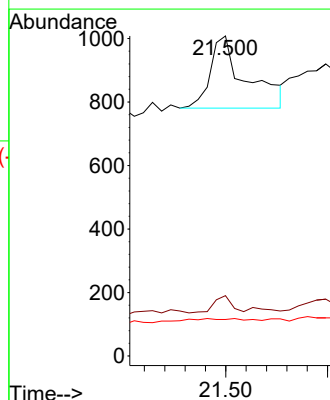
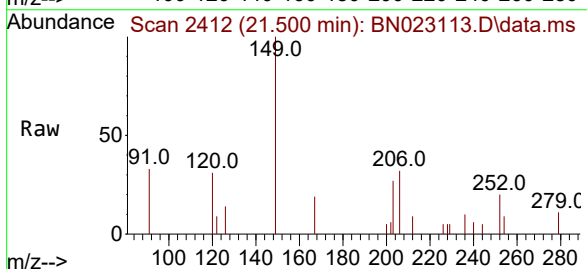
Tgt Ion:149 Resp: 550

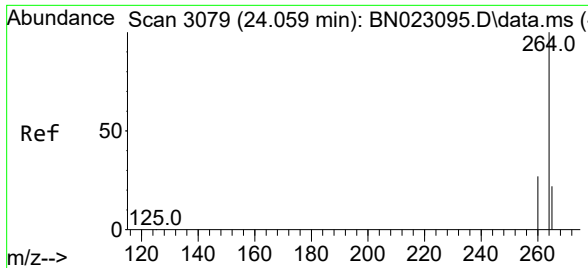
Ion Ratio Lower Upper

149 100

167 11.6 20.2 30.2#

279 6.7 2.3 3.5#





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 24.050 min Scan# 30  
Delta R.T. -0.009 min  
Lab File: BN023113.D  
Acq: 09 Dec 2022 19:33

Instrument :  
BNA\_N  
ClientSampleId :  
PB149021BL

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:264 | Resp: | 13077       |
| Ion         | Ratio | Lower Upper |
| 264         | 100   |             |
| 260         | 27.5  | 21.7 32.5   |
| 265         | 58.6  | 43.2 64.8   |

