

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031723\  
 Data File : BN024381.D  
 Acq On : 18 Mar 2023 14:23  
 Operator : CG/JU  
 Sample : 01880-12  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE120D3-20230310

Quant Time: Mar 20 01:10:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 18 05:49:08 2023  
 Response via : Initial Calibration

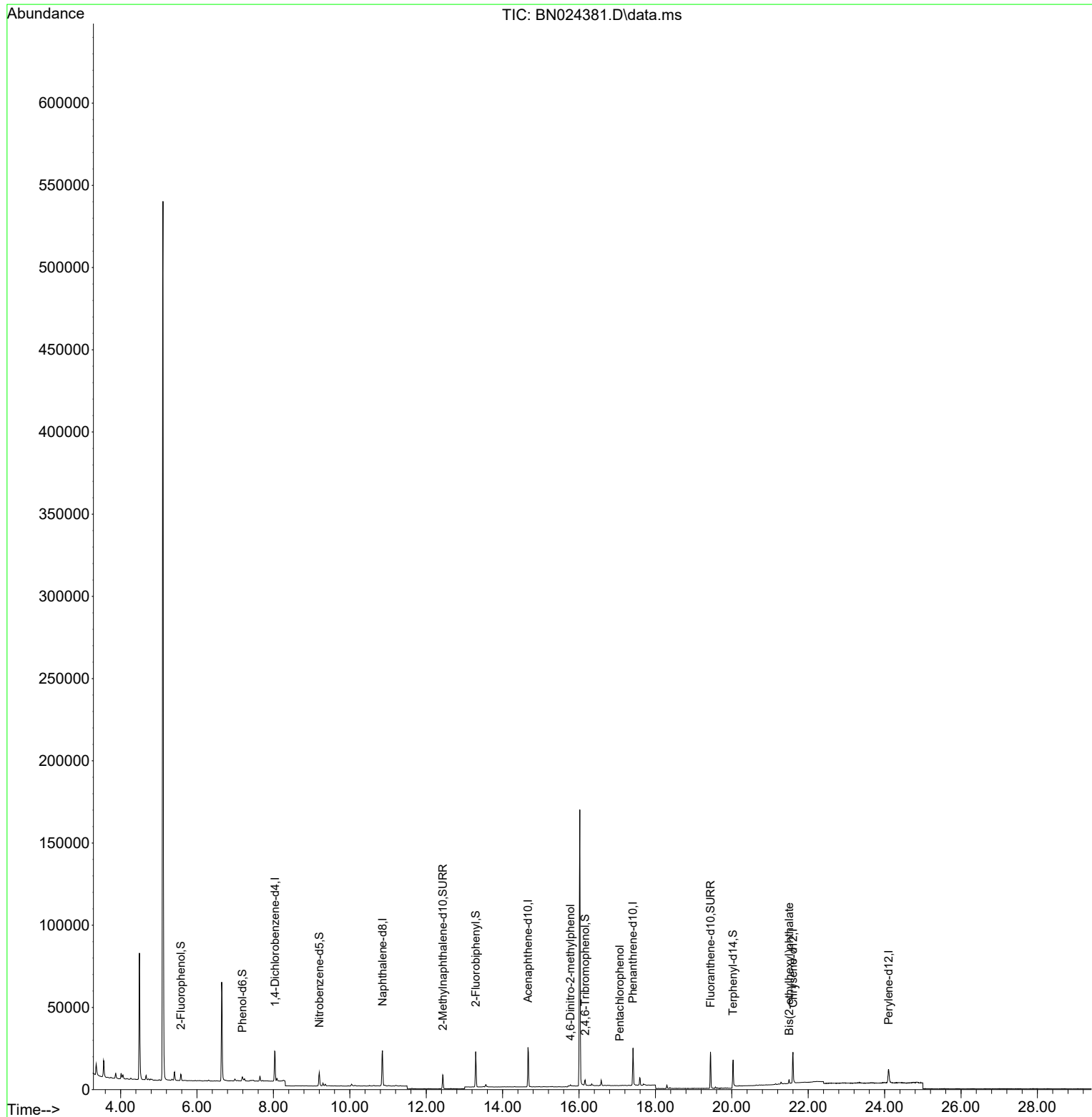
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.040  | 152  | 9287     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.855 | 136  | 28483    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.665 | 164  | 13972    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.413 | 188  | 28452    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.601 | 240  | 18593    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.103 | 264  | 13380    | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.577  | 112  | 2943     | 0.143 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.188  | 99   | 2184     | 0.083 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.200  | 82   | 6585     | 0.346 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.433 | 152  | 11285    | 0.322 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.159 | 330  | 1835     | 0.257 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.296 | 172  | 17132    | 0.325 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.442 | 212  | 22267    | 0.369 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.033 | 244  | 12693    | 0.405 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 20) 4,6-Dinitro-2-methylph... | 15.774 | 198  | 4        | 0.179 | ng    | # 1      |
| 24) Pentachlorophenol         | 17.065 | 266  | 21       | 0.130 | ng    | # 65     |
| 34) Bis(2-ethylhexyl)phtha... | 21.502 | 149  | 2521     | 0.086 | ng    | 96       |
| -----                         |        |      |          |       |       |          |

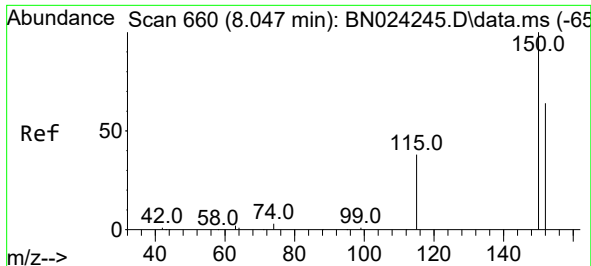
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031723\  
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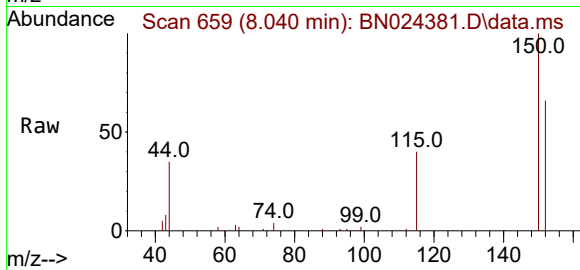
Quant Time: Mar 20 01:10:09 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 18 05:49:08 2023  
Response via : Initial Calibration



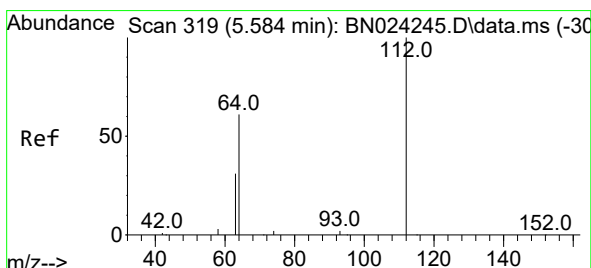
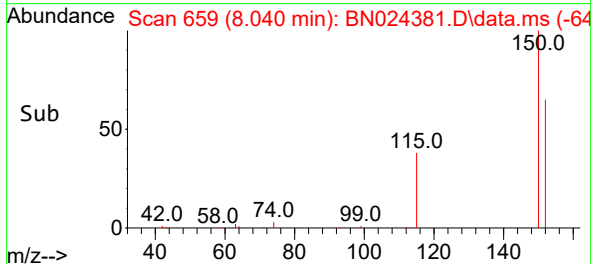
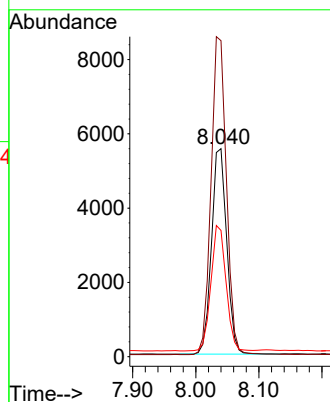


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.040 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN024381.D  
Acq: 18 Mar 2023 14:23

Instrument :  
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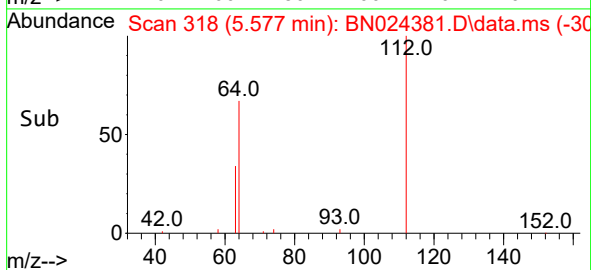
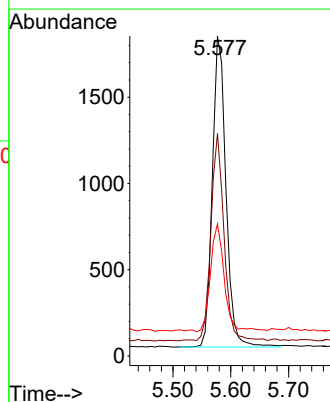
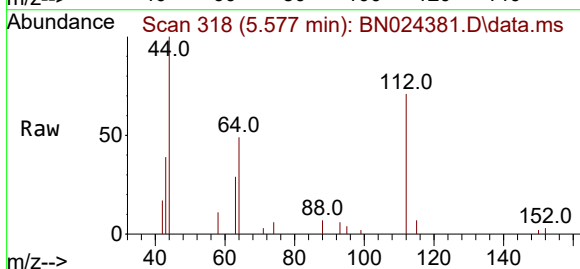


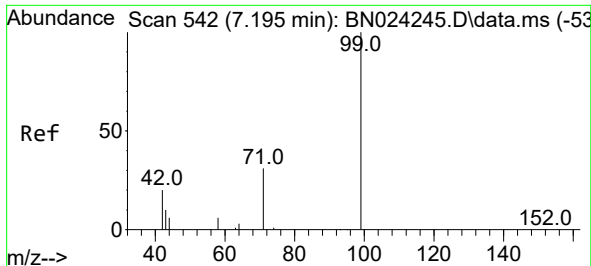
Tgt Ion:152 Resp: 9287  
Ion Ratio Lower Upper  
152 100  
150 151.9 124.7 187.1  
115 60.7 49.1 73.7



#4  
2-Fluorophenol  
Concen: 0.143 ng  
RT: 5.577 min Scan# 318  
Delta R.T. 0.000 min  
Lab File: BN024381.D  
Acq: 18 Mar 2023 14:23

Tgt Ion:112 Resp: 2943  
Ion Ratio Lower Upper  
112 100  
64 64.2 49.0 73.6  
63 35.7 25.7 38.5

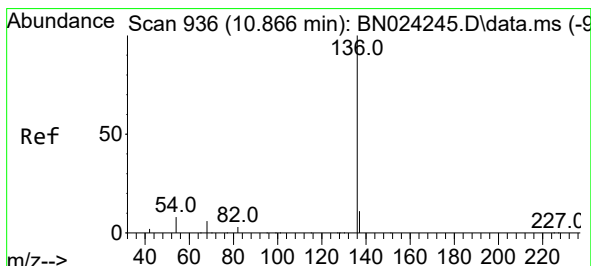
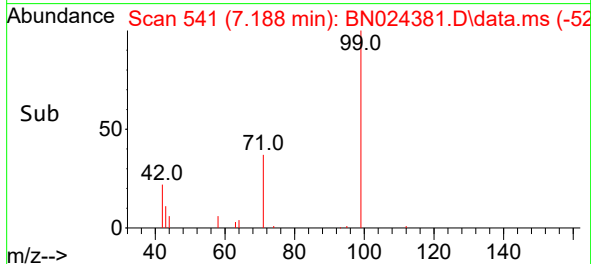
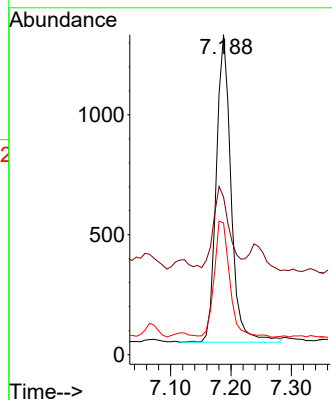
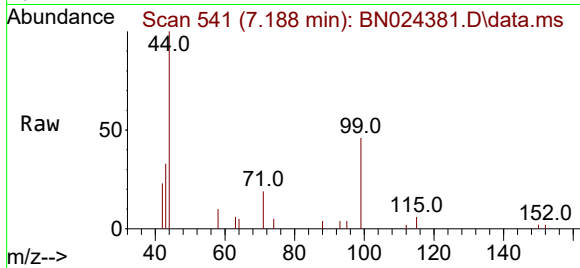




#5  
Phenol-d6  
Concen: 0.083 ng  
RT: 7.188 min Scan# 541  
Delta R.T. 0.000 min  
Lab File: BN024381.D  
Acq: 18 Mar 2023 14:23

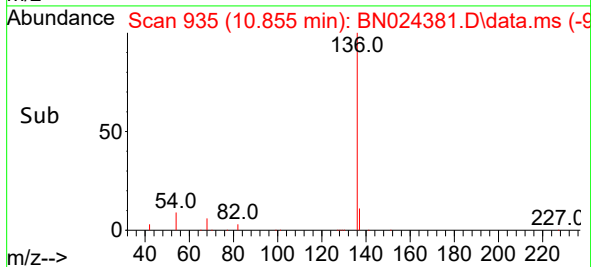
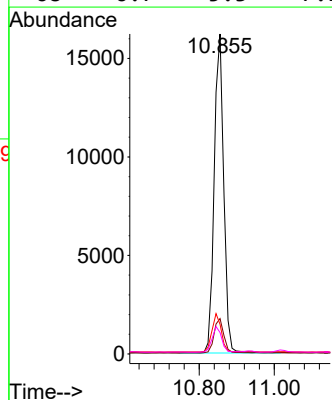
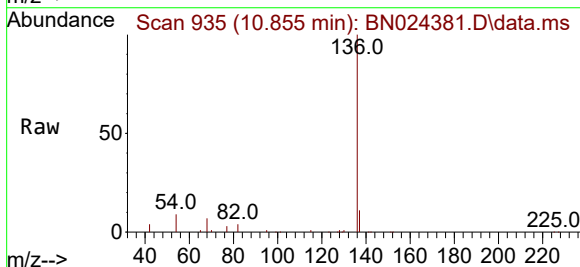
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ClientSampleId :  
RE120D3-20230310

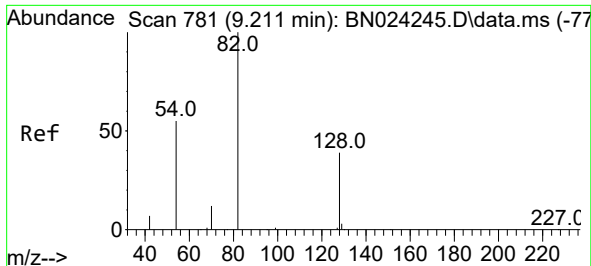
Tgt Ion: 99 Resp: 2184  
Ion Ratio Lower Upper  
99 100  
42 27.3 20.1 30.1  
71 39.7 25.8 38.8#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.855 min Scan# 935  
Delta R.T. 0.000 min  
Lab File: BN024381.D  
Acq: 18 Mar 2023 14:23

Tgt Ion: 136 Resp: 28483  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 9.2 7.1 10.7  
68 6.7 5.3 7.9

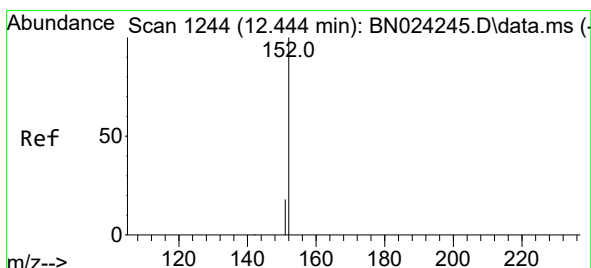
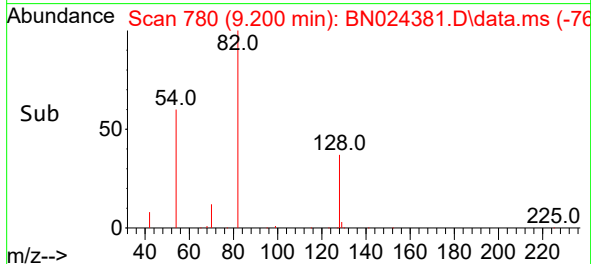
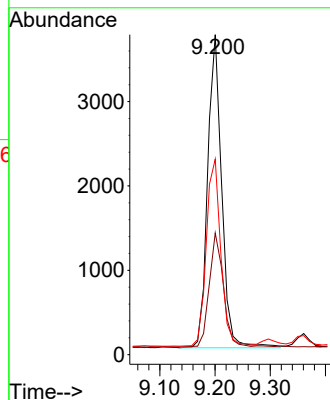
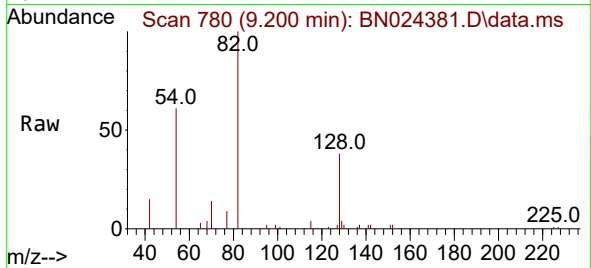




#8  
 Nitrobenzene-d5  
 Concen: 0.346 ng  
 RT: 9.200 min Scan# 781  
 Delta R.T. 0.000 min  
 Lab File: BN024381.D  
 Acq: 18 Mar 2023 14:23

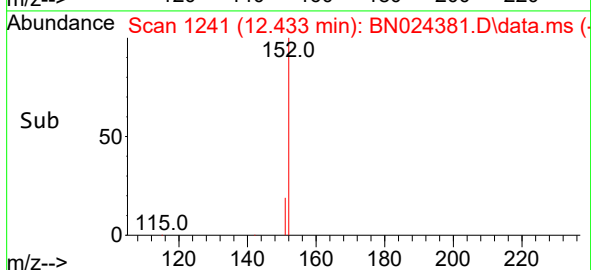
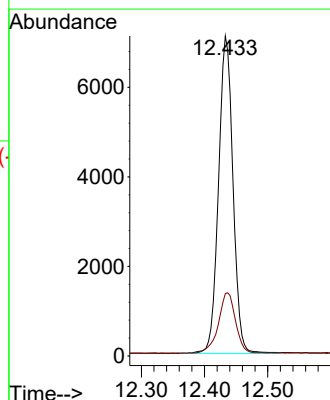
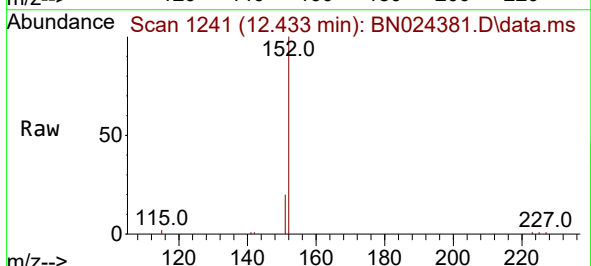
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE120D3-20230310

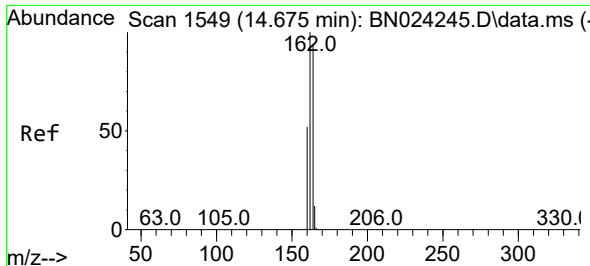
Tgt Ion: 82 Resp: 6585  
 Ion Ratio Lower Upper  
 82 100  
 128 38.1 32.4 48.6  
 54 61.1 45.2 67.8



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.322 ng  
 RT: 12.433 min Scan# 1241  
 Delta R.T. 0.000 min  
 Lab File: BN024381.D  
 Acq: 18 Mar 2023 14:23

Tgt Ion: 152 Resp: 11285  
 Ion Ratio Lower Upper  
 152 100  
 151 22.7 16.8 25.2

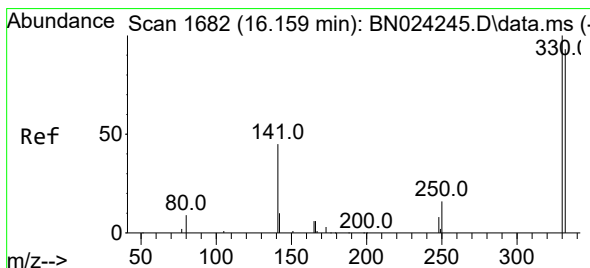
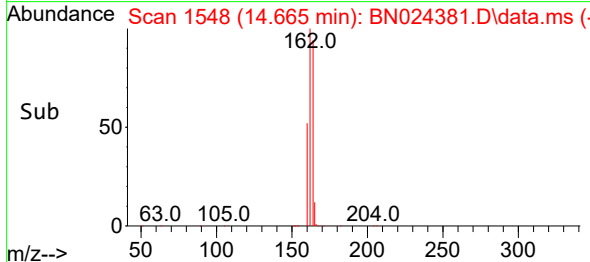
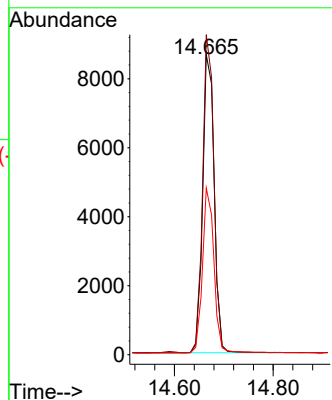
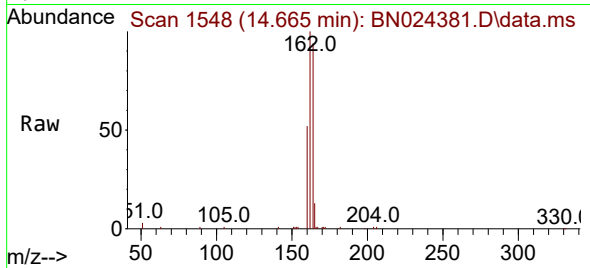




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.665 min Scan# 1549  
Delta R.T. 0.000 min  
Lab File: BN024381.D  
Acq: 18 Mar 2023 14:23

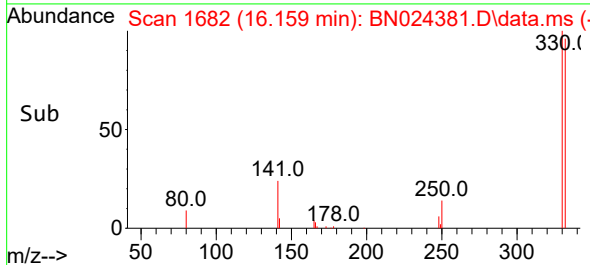
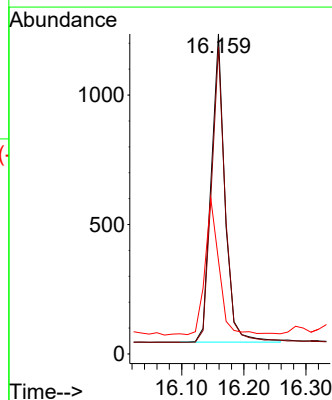
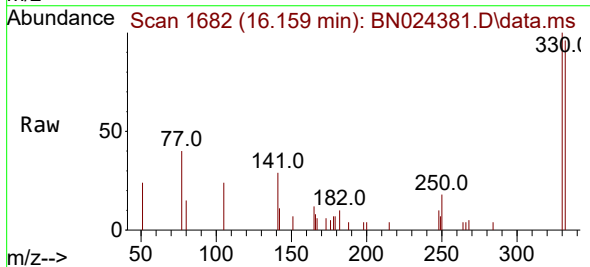
Instrument :  
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ClientSampleId :  
RE120D3-20230310

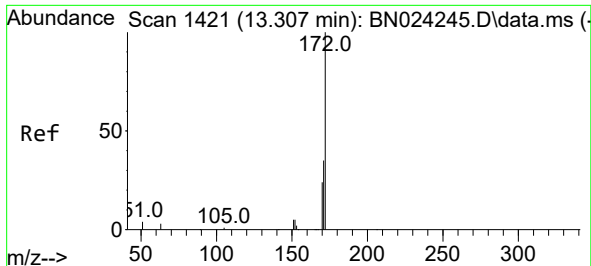
Tgt Ion:164 Resp: 13972  
Ion Ratio Lower Upper  
164 100  
162 106.6 84.7 127.1  
160 55.5 44.6 66.8



#14  
2,4,6-Tribromophenol  
Concen: 0.257 ng  
RT: 16.159 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: BN024381.D  
Acq: 18 Mar 2023 14:23

Tgt Ion:330 Resp: 1835  
Ion Ratio Lower Upper  
330 100  
332 96.1 78.0 117.0  
141 43.9 30.8 46.2

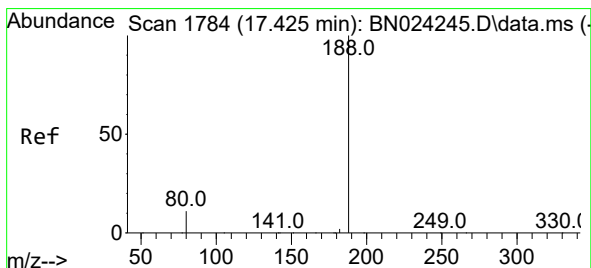
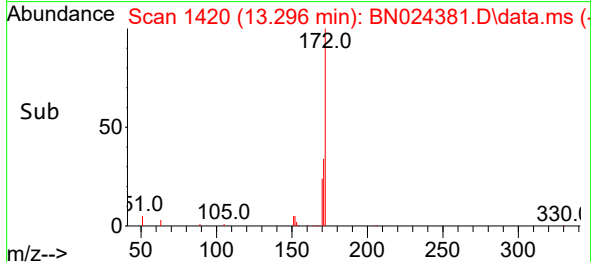
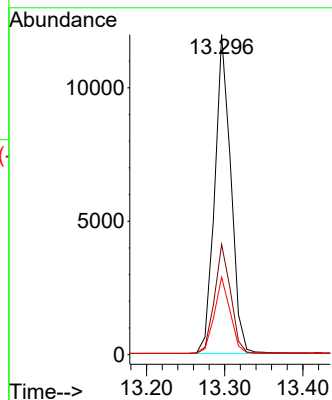
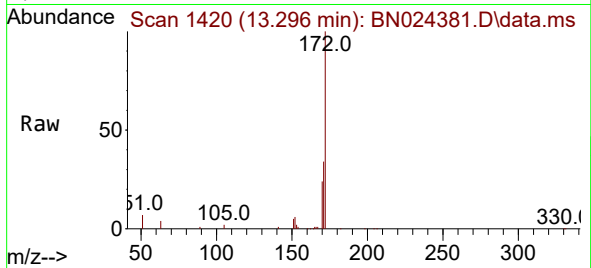




#15  
2-Fluorobiphenyl  
Concen: 0.325 ng  
RT: 13.296 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: BN024381.D  
Acq: 18 Mar 2023 14:23

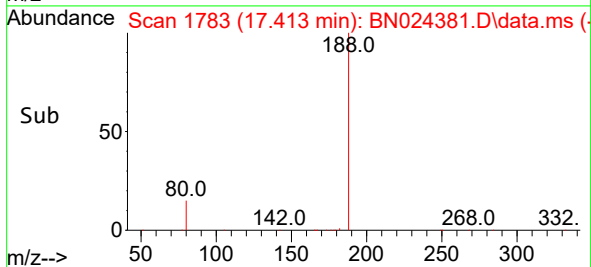
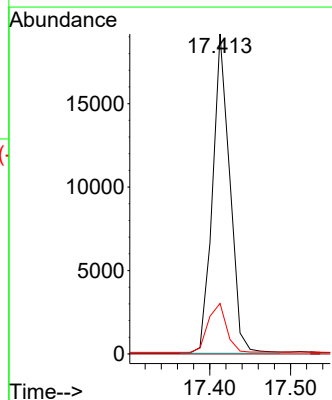
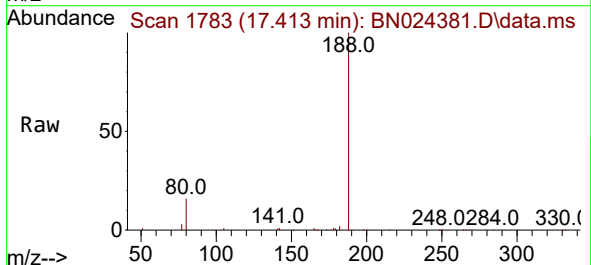
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RE120D3-20230310

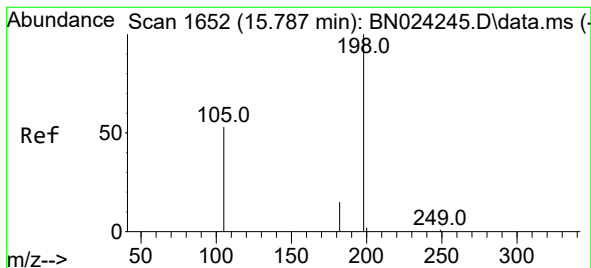
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Ion Ratio Lower Upper  
172 100  
171 34.4 27.8 41.8  
170 24.2 19.0 28.6



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.413 min Scan# 1783  
Delta R.T. 0.000 min  
Lab File: BN024381.D  
Acq: 18 Mar 2023 14:23

Tgt Ion:188 Resp: 28452  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 15.8 8.9 13.3#

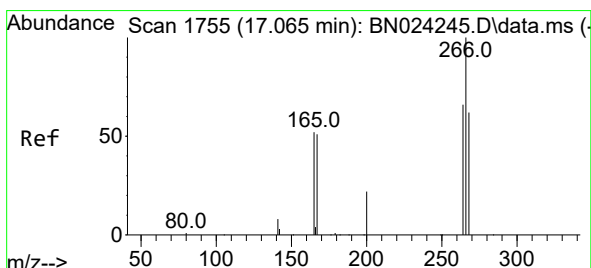
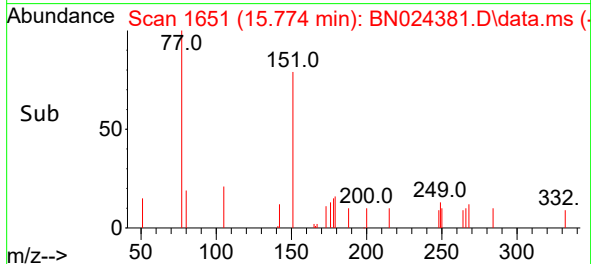
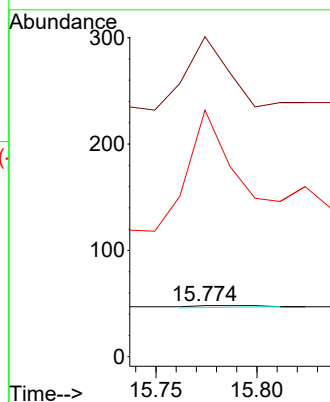
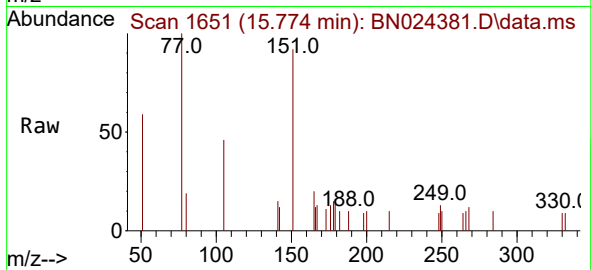




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.179 ng  
RT: 15.774 min Scan# 1651  
Delta R.T. -0.012 min  
Lab File: BN024381.D  
Acq: 18 Mar 2023 14:23

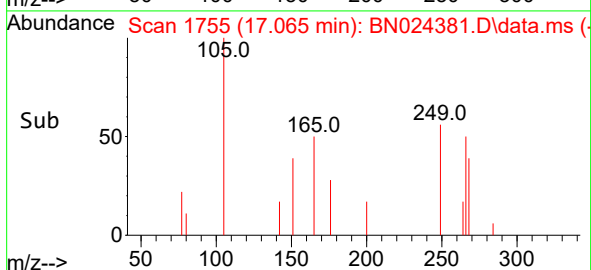
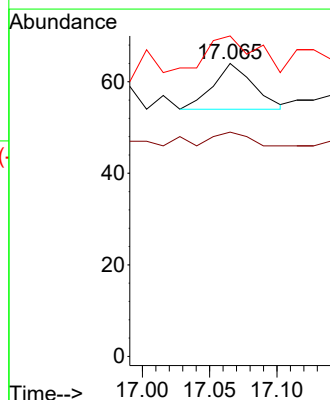
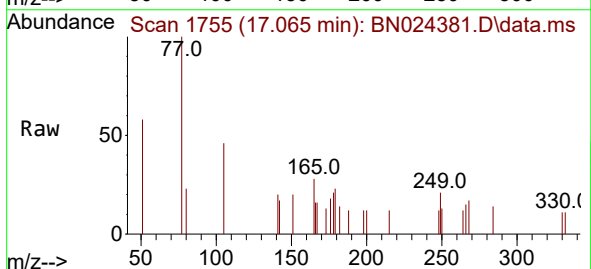
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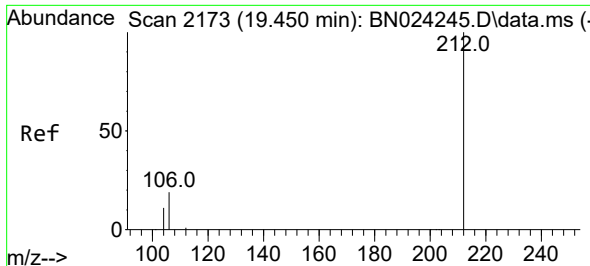
Tgt Ion:198 Resp: 4  
Ion Ratio Lower Upper  
198 100  
51 627.1 68.2 102.2#  
105 483.3 51.6 77.4#



#24  
Pentachlorophenol  
Concen: 0.130 ng  
RT: 17.065 min Scan# 1755  
Delta R.T. 0.000 min  
Lab File: BN024381.D  
Acq: 18 Mar 2023 14:23

Tgt Ion:266 Resp: 21  
Ion Ratio Lower Upper  
266 100  
264 33.3 51.1 76.7#  
268 90.5 52.2 78.4#

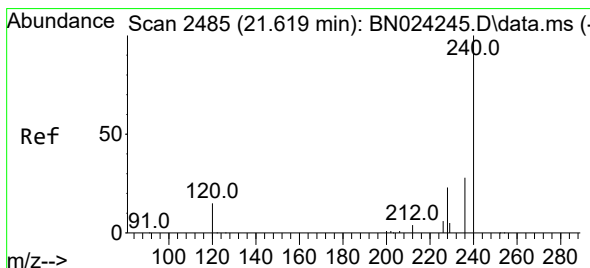
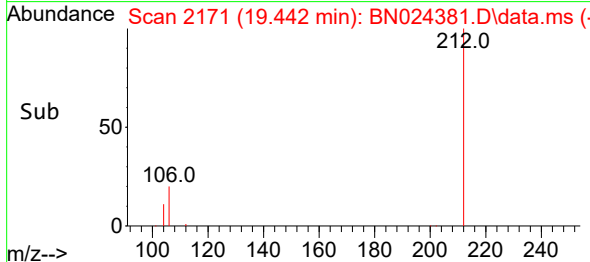
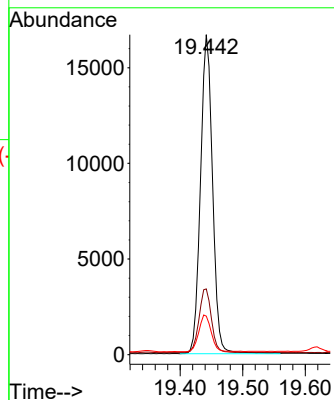
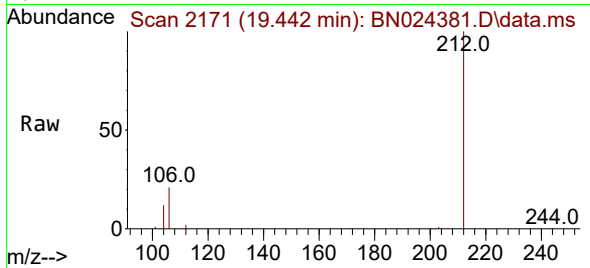




#27  
Fluoranthene-d10  
Concen: 0.369 ng  
RT: 19.442 min Scan# 2171  
Delta R.T. 0.000 min  
Lab File: BN024381.D  
Acq: 18 Mar 2023 14:23

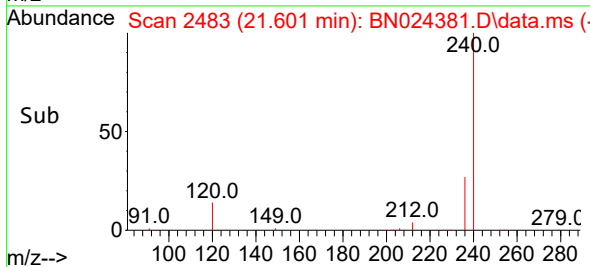
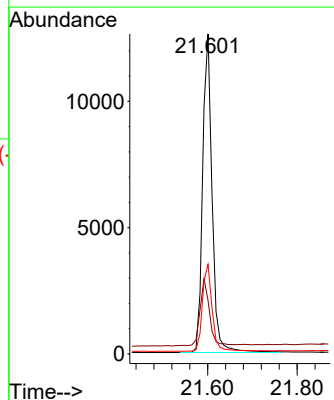
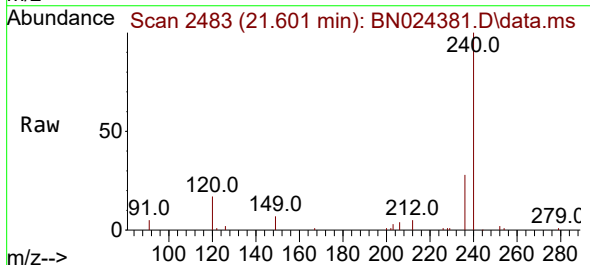
Instrument :  
BNA\_N  
ClientSampleId :  
RE120D3-20230310

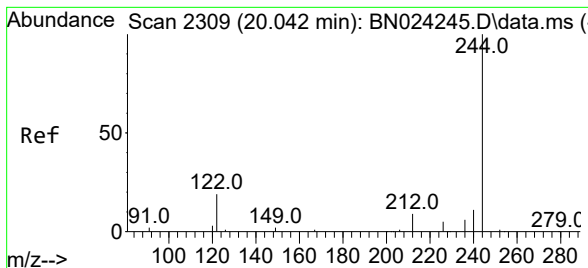
Tgt Ion:212 Resp: 22267  
Ion Ratio Lower Upper  
212 100  
106 20.4 15.4 23.2  
104 11.8 8.6 13.0



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.601 min Scan# 2483  
Delta R.T. 0.000 min  
Lab File: BN024381.D  
Acq: 18 Mar 2023 14:23

Tgt Ion:240 Resp: 18593  
Ion Ratio Lower Upper  
240 100  
120 16.7 12.8 19.2  
236 28.0 22.5 33.7





#31

Terphenyl-d14

Concen: 0.405 ng

RT: 20.033 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024381.D

Acq: 18 Mar 2023 14:23

Instrument :

BNA\_N

ClientSampleId :

RE120D3-20230310

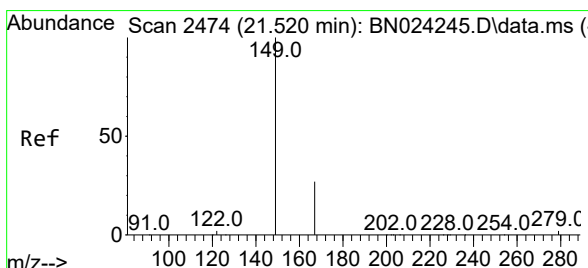
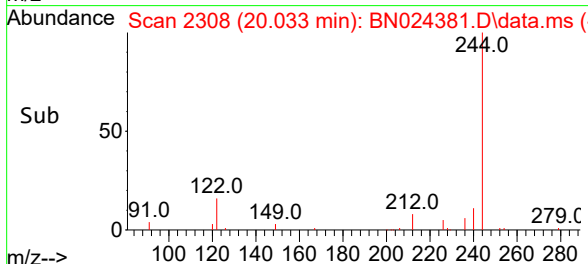
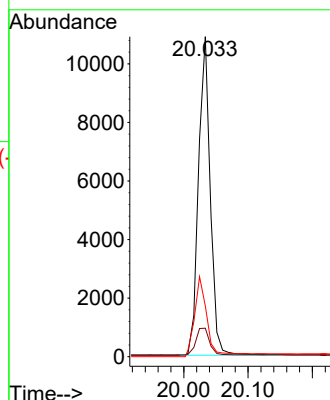
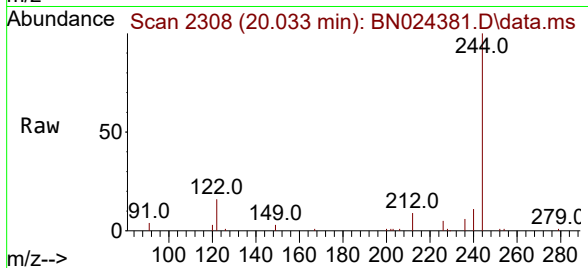
Tgt Ion:244 Resp: 12693

Ion Ratio Lower Upper

244 100

212 8.9 7.6 11.4

122 15.9 15.1 22.7



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.086 ng

RT: 21.502 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BN024381.D

Acq: 18 Mar 2023 14:23

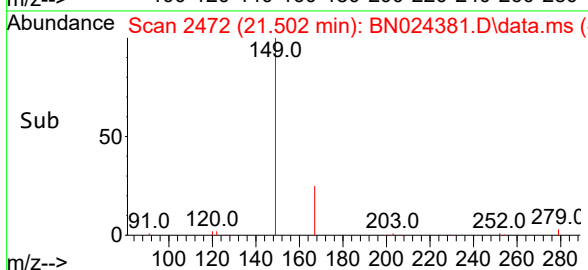
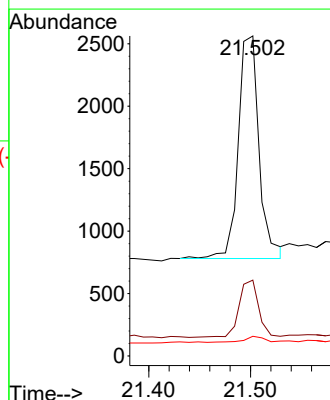
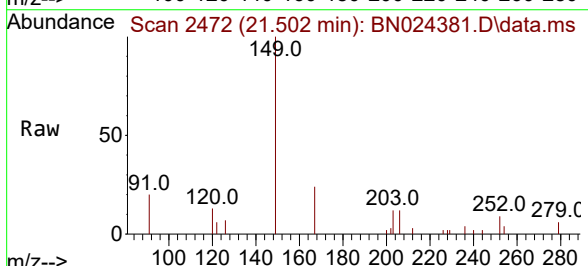
Tgt Ion:149 Resp: 2521

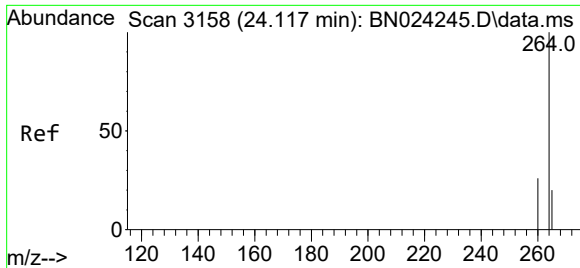
Ion Ratio Lower Upper

149 100

167 24.3 21.2 31.8

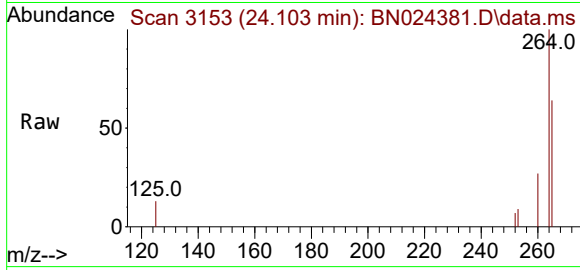
279 2.7 1.8 2.8





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.103 min Scan# 31  
 Delta R.T. 0.006 min  
 Lab File: BN024381.D  
 Acq: 18 Mar 2023 14:23

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE120D3-20230310



Tgt Ion:264 Resp: 13380

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.4  | 21.4  | 32.2  |
| 265 | 63.6  | 35.7  | 53.5  |

