

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031623\  
 Data File : BN024311.D  
 Acq On : 16 Mar 2023 15:02  
 Operator : CG/JU  
 Sample : PB151378BL  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Mar 17 04:42:03 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 17 04:37:08 2023  
 Response via : Initial Calibration

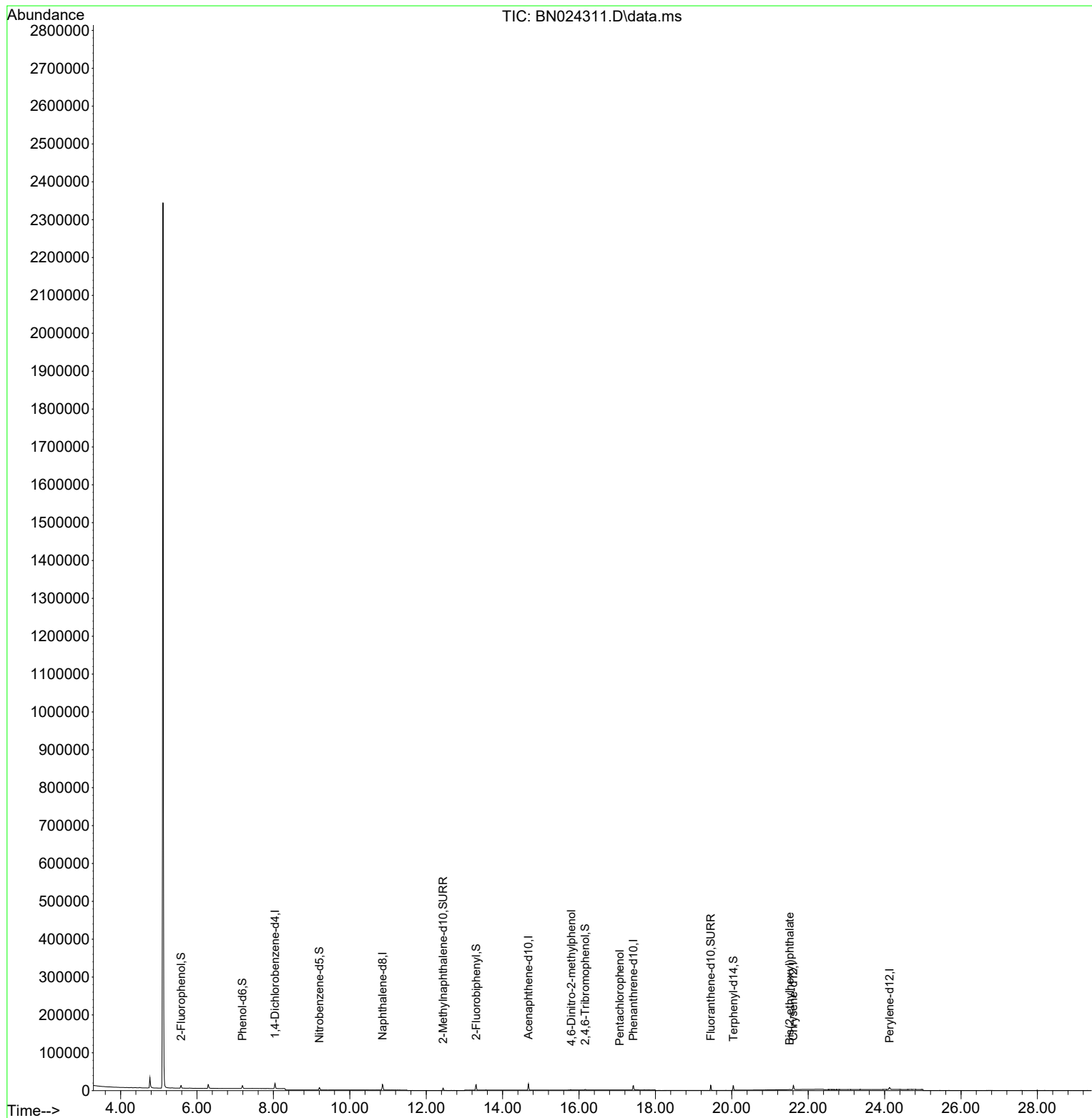
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.040  | 152  | 6725     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.856 | 136  | 19035    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.675 | 164  | 8720     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.425 | 188  | 17312    | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12              | 21.610 | 240  | 11035    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.129 | 264  | 8393     | 0.400 | ng    | # 0.01   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.584  | 112  | 5498     | 0.369 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.188  | 99   | 6983     | 0.365 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.201  | 82   | 5160     | 0.406 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.441 | 152  | 8589     | 0.367 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.159 | 330  | 861      | 0.193 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.307 | 172  | 12815    | 0.389 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.450 | 212  | 13659    | 0.372 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.043 | 244  | 10419    | 0.560 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 20) 4,6-Dinitro-2-methylph... | 15.799 | 198  | 14       | 0.182 | ng    | # 1      |
| 24) Pentachlorophenol         | 17.065 | 266  | 37       | 0.133 | ng    | # 74     |
| 34) Bis(2-ethylhexyl)phtha... | 21.511 | 149  | 731      | 0.042 | ng    | # 88     |
| -----                         |        |      |          |       |       |          |

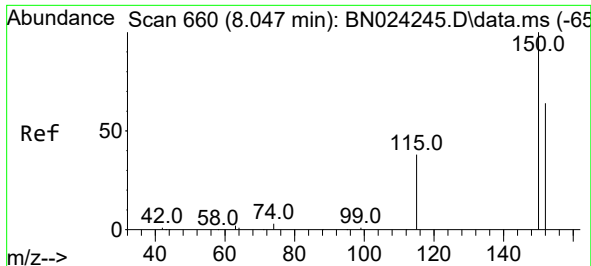
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031623\  
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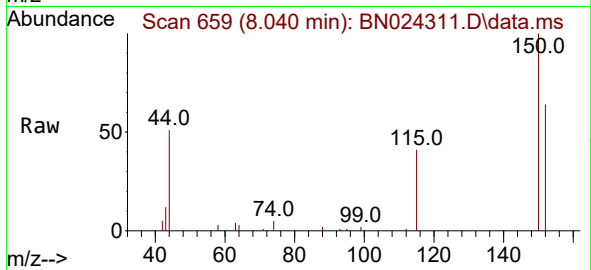
Quant Time: Mar 17 04:42:03 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 17 04:37:08 2023  
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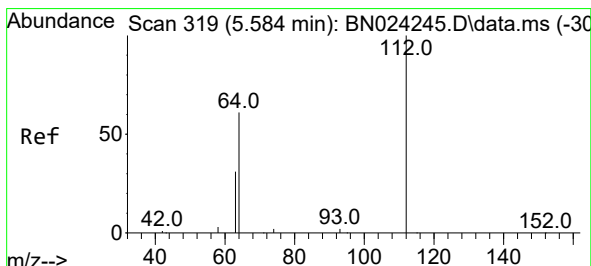
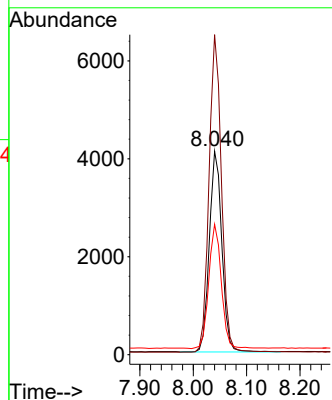
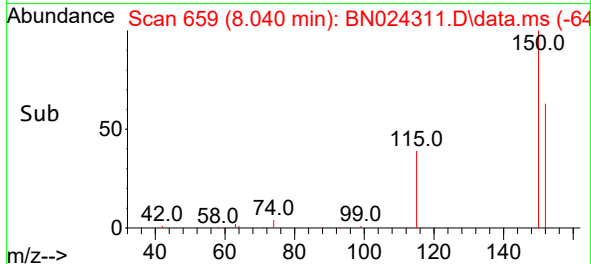


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.040 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN024311.D  
 Acq: 16 Mar 2023 15:02

Instrument :  
 BNA\_N  
 ClientSampleId :

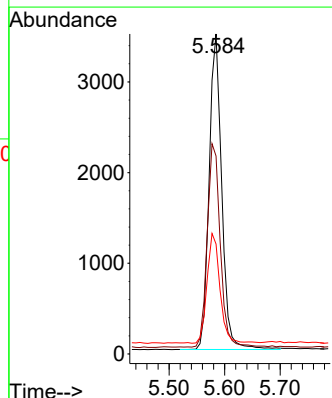
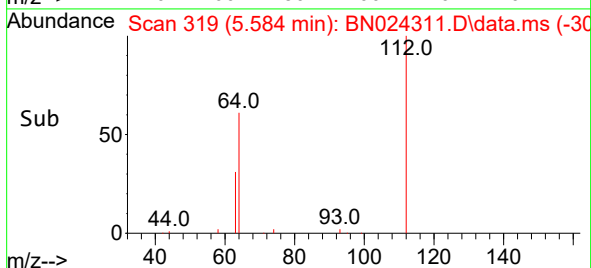
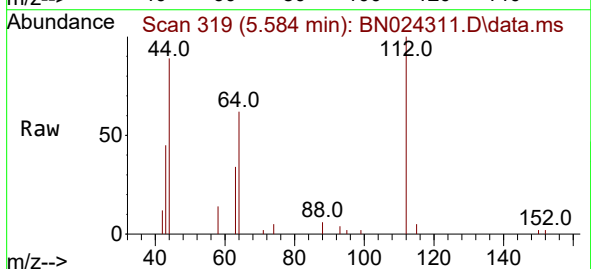


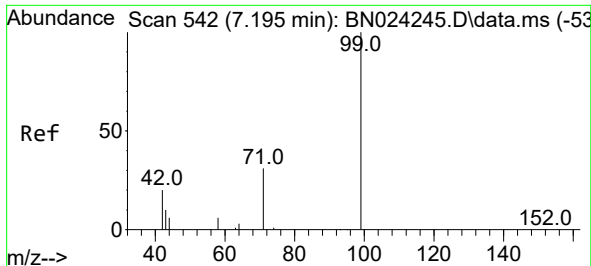
Tgt Ion:152 Resp: 6725  
 Ion Ratio Lower Upper  
 152 100  
 150 157.3 124.7 187.1  
 115 64.1 49.1 73.7



#4  
 2-Fluorophenol  
 Concen: 0.369 ng  
 RT: 5.584 min Scan# 319  
 Delta R.T. 0.007 min  
 Lab File: BN024311.D  
 Acq: 16 Mar 2023 15:02

Tgt Ion:112 Resp: 5498  
 Ion Ratio Lower Upper  
 112 100  
 64 66.8 49.0 73.6  
 63 35.4 25.7 38.5

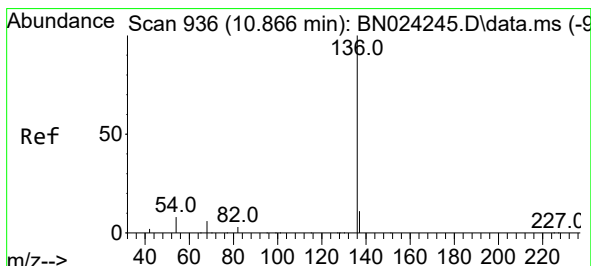
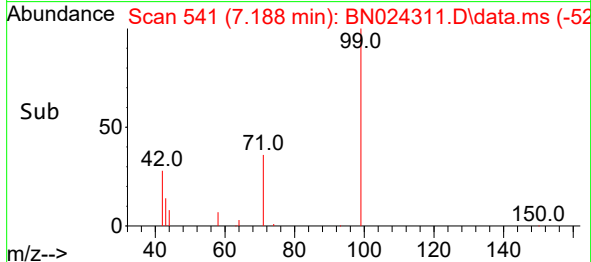
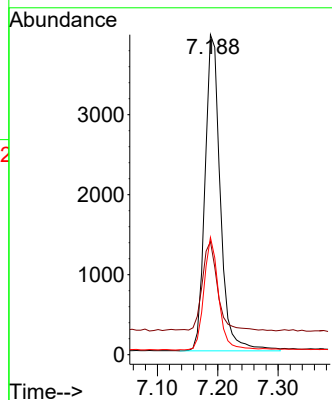
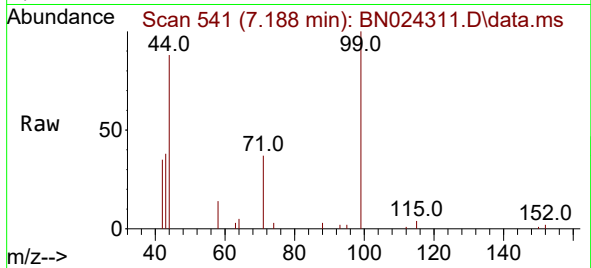




#5  
Phenol-d6  
Concen: 0.365 ng  
RT: 7.188 min Scan# 541  
Delta R.T. 0.000 min  
Lab File: BN024311.D  
Acq: 16 Mar 2023 15:02

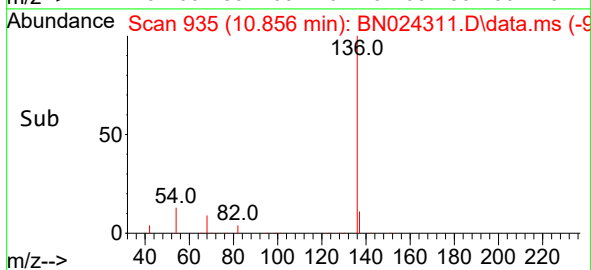
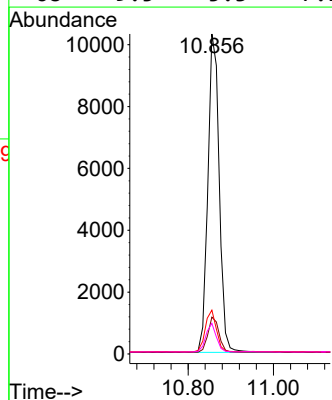
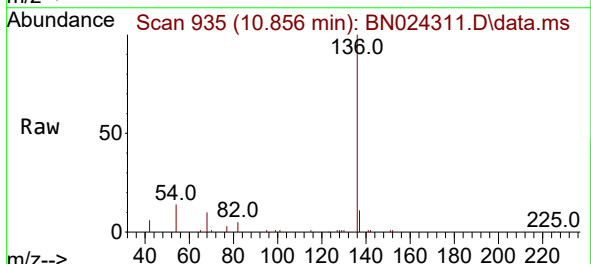
Instrument :  
BNA\_N  
ClientSampleId :

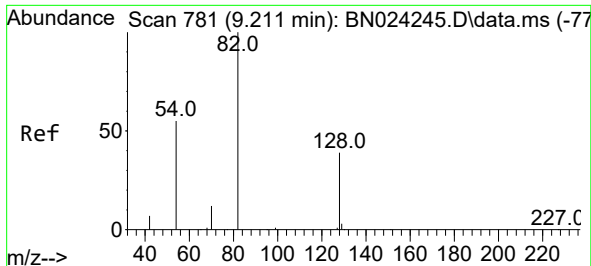
Tgt Ion: 99 Resp: 6983  
Ion Ratio Lower Upper  
99 100  
42 28.5 20.1 30.1  
71 34.1 25.8 38.8



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.856 min Scan# 935  
Delta R.T. 0.000 min  
Lab File: BN024311.D  
Acq: 16 Mar 2023 15:02

Tgt Ion: 136 Resp: 19035  
Ion Ratio Lower Upper  
136 100  
137 11.5 8.9 13.3  
54 13.7 7.1 10.7#  
68 9.5 5.3 7.9#

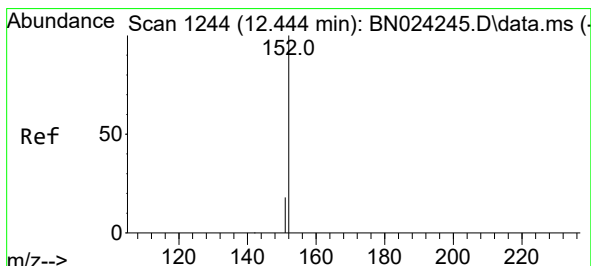
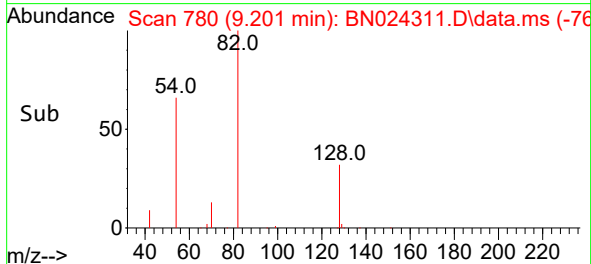
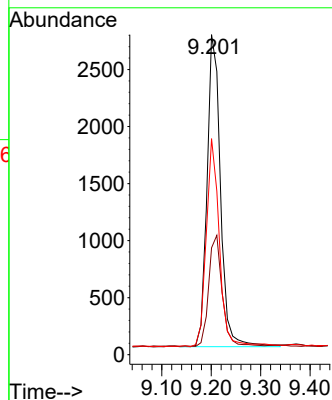
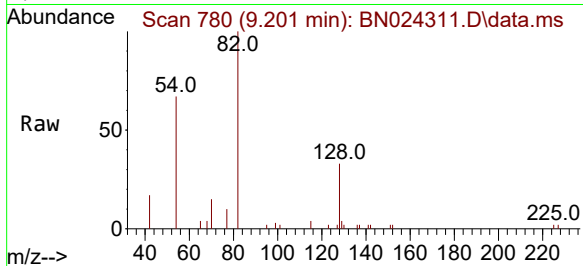




#8  
Nitrobenzene-d5  
Concen: 0.406 ng  
RT: 9.201 min Scan# 781  
Delta R.T. 0.000 min  
Lab File: BN024311.D  
Acq: 16 Mar 2023 15:02

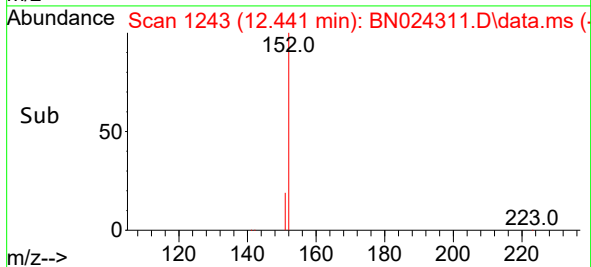
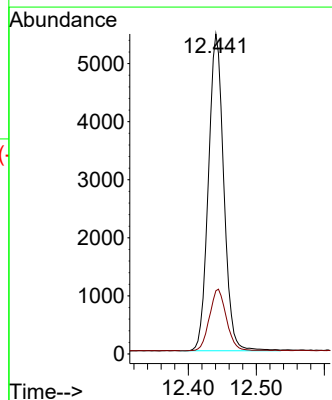
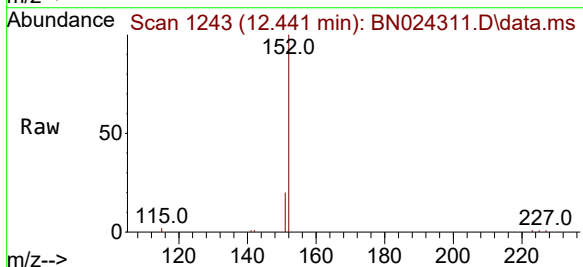
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BNA\_N  
ClientSampleId :

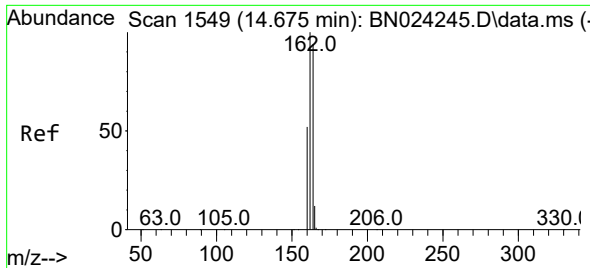
Tgt Ion: 82 Resp: 5160  
Ion Ratio Lower Upper  
82 100  
128 33.4 32.4 48.6  
54 67.5 45.2 67.8



#11  
2-Methylnaphthalene-d10  
Concen: 0.367 ng  
RT: 12.441 min Scan# 1243  
Delta R.T. 0.000 min  
Lab File: BN024311.D  
Acq: 16 Mar 2023 15:02

Tgt Ion: 152 Resp: 8589  
Ion Ratio Lower Upper  
152 100  
151 21.3 16.8 25.2

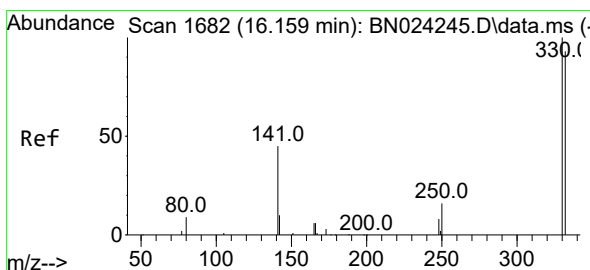
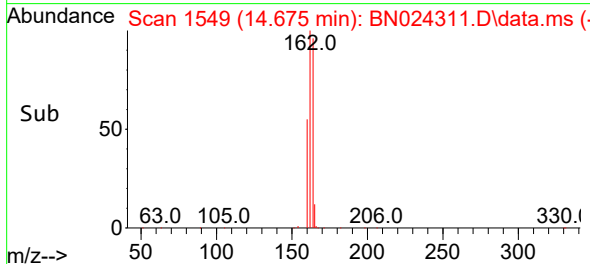
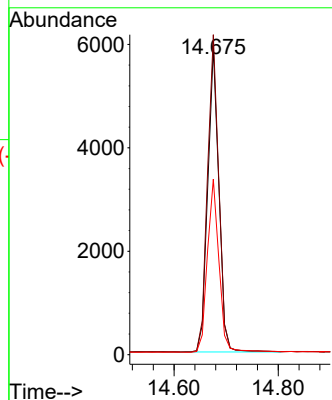
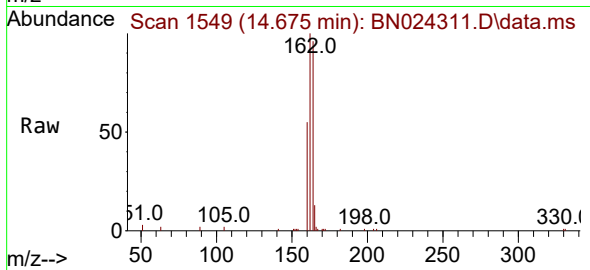




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.675 min Scan# 1549  
Delta R.T. 0.000 min  
Lab File: BN024311.D  
Acq: 16 Mar 2023 15:02

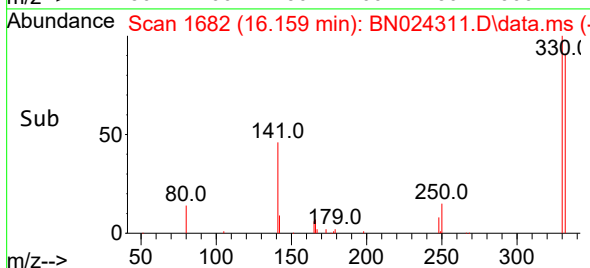
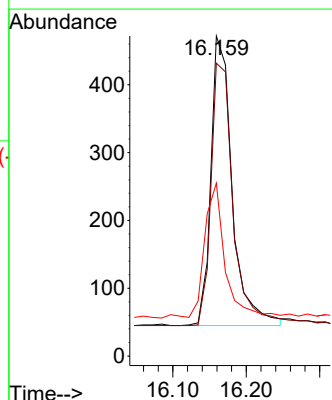
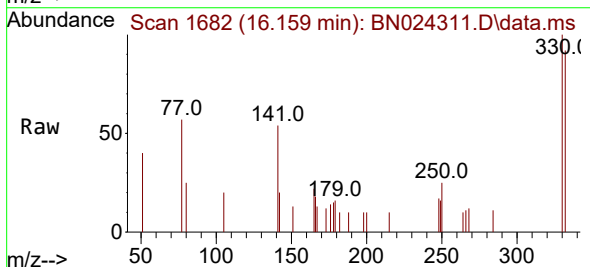
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BNA\_N  
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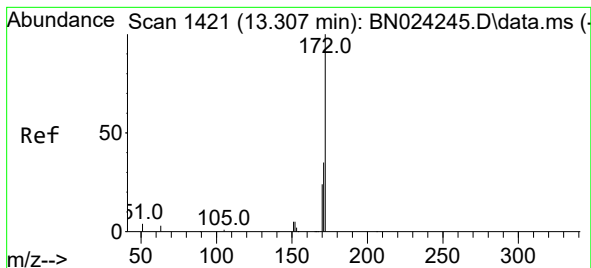
Tgt Ion:164 Resp: 8720  
Ion Ratio Lower Upper  
164 100  
162 104.3 84.7 127.1  
160 57.2 44.6 66.8



#14  
2,4,6-Tribromophenol  
Concen: 0.193 ng  
RT: 16.159 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: BN024311.D  
Acq: 16 Mar 2023 15:02

Tgt Ion:330 Resp: 861  
Ion Ratio Lower Upper  
330 100  
332 94.5 78.0 117.0  
141 45.3 30.8 46.2





#15

2-Fluorobiphenyl

Concen: 0.389 ng

RT: 13.307 min Scan# 1421

Delta R.T. 0.000 min

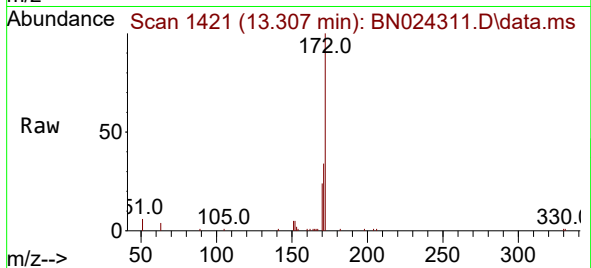
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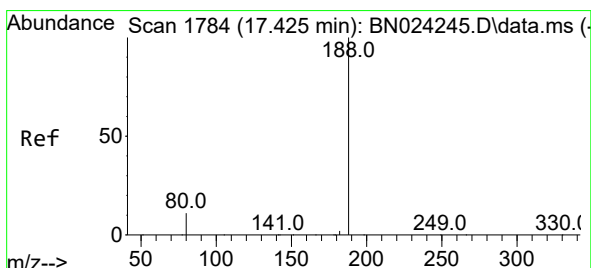
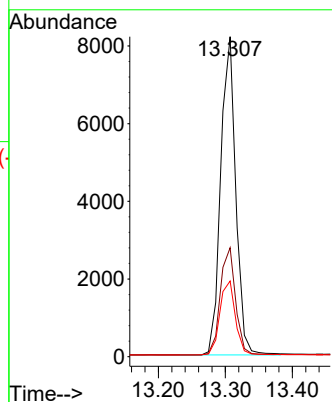
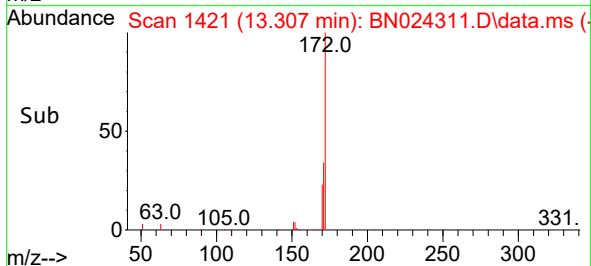
Instrument :

BNA\_N

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 12815 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 34.1  | 27.8  | 41.8  |
| 170       | 23.6  | 19.0  | 28.6  |



#19

Phenanthrene-d10

Concen: 0.400 ng

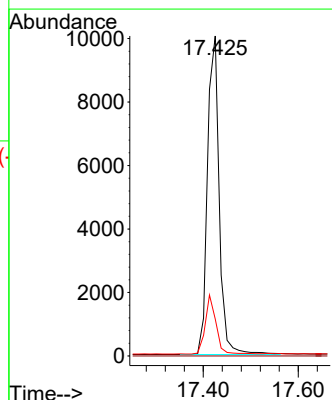
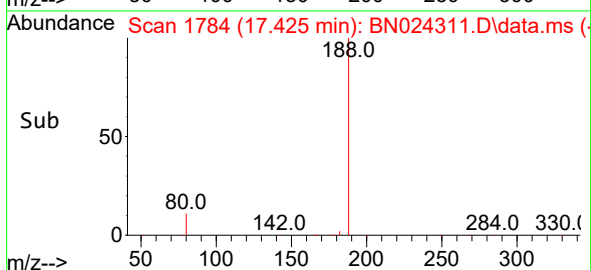
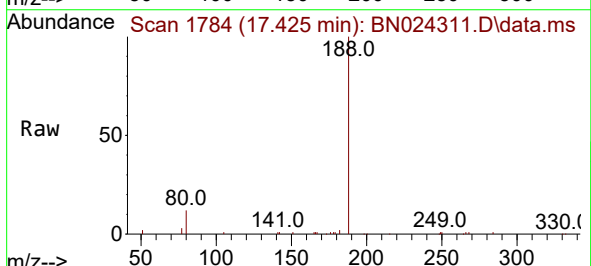
RT: 17.425 min Scan# 1784

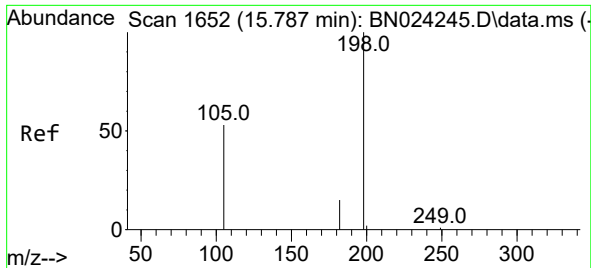
Delta R.T. 0.013 min

Lab File: BN024311.D

Acq: 16 Mar 2023 15:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 17312 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 11.5  | 8.9   | 13.3  |

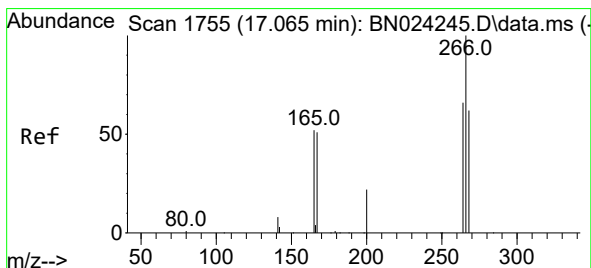
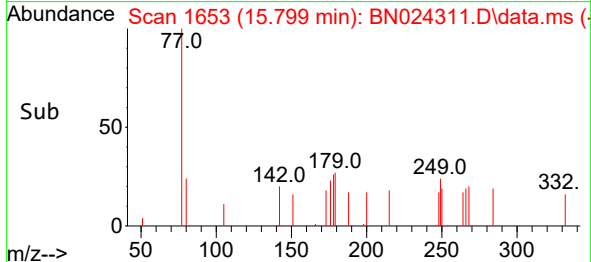
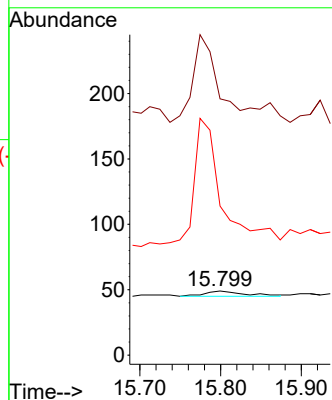
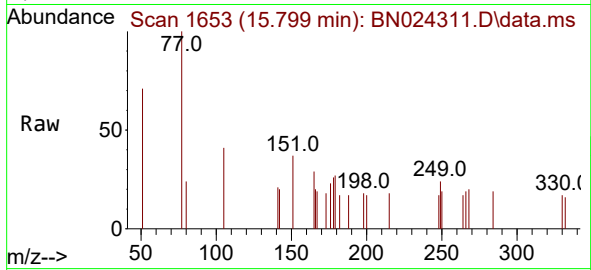




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.182 ng  
RT: 15.799 min Scan# 1653  
Delta R.T. 0.013 min  
Lab File: BN024311.D  
Acq: 16 Mar 2023 15:02

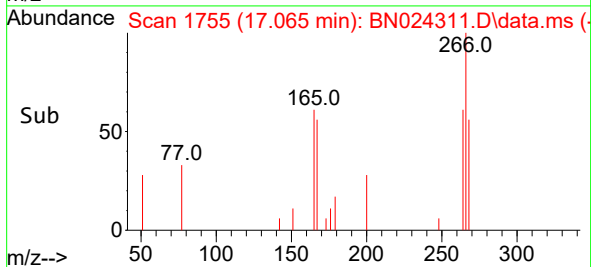
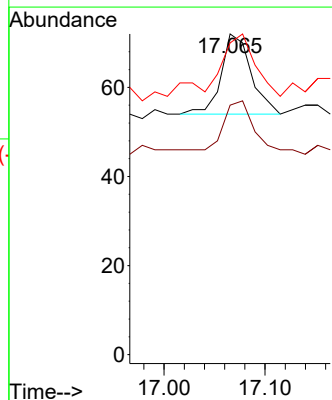
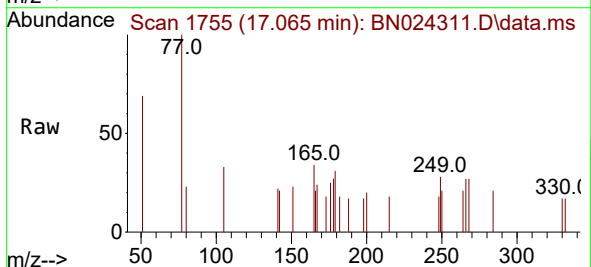
Instrument :  
BNA\_N  
ClientSampleId :

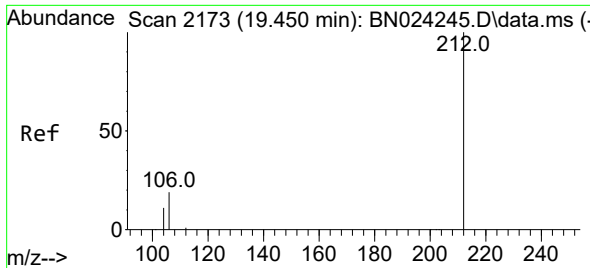
Tgt Ion:198 Resp: 14  
Ion Ratio Lower Upper  
198 100  
51 400.0 68.2 102.2#  
105 232.7 51.6 77.4#



#24  
Pentachlorophenol  
Concen: 0.133 ng  
RT: 17.065 min Scan# 1755  
Delta R.T. 0.000 min  
Lab File: BN024311.D  
Acq: 16 Mar 2023 15:02

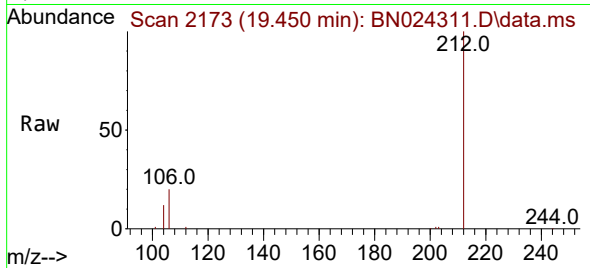
Tgt Ion:266 Resp: 37  
Ion Ratio Lower Upper  
266 100  
264 73.0 51.1 76.7  
268 97.3 52.2 78.4#



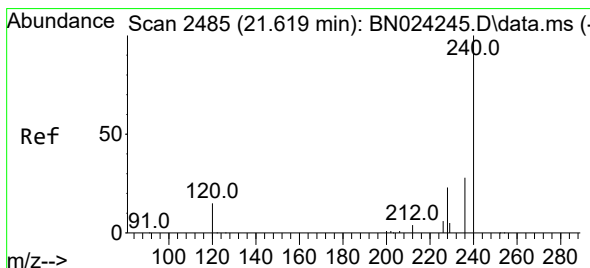
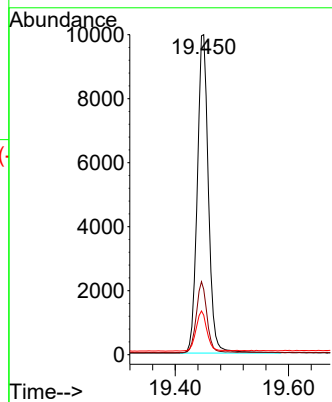
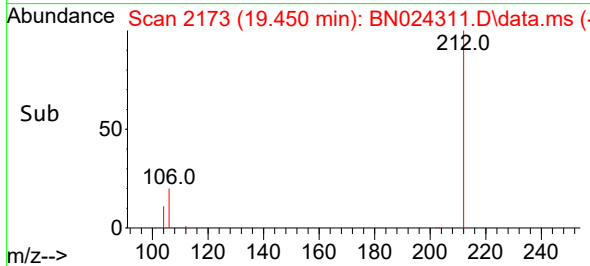


#27  
Fluoranthene-d10  
Concen: 0.372 ng  
RT: 19.450 min Scan# 2173  
Delta R.T. 0.004 min  
Lab File: BN024311.D  
Acq: 16 Mar 2023 15:02

Instrument :  
BNA\_N  
ClientSampleId :

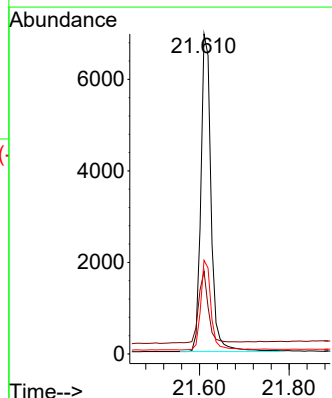
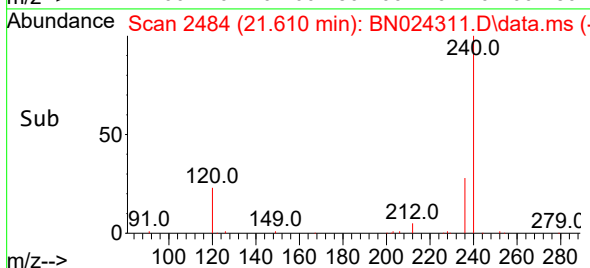
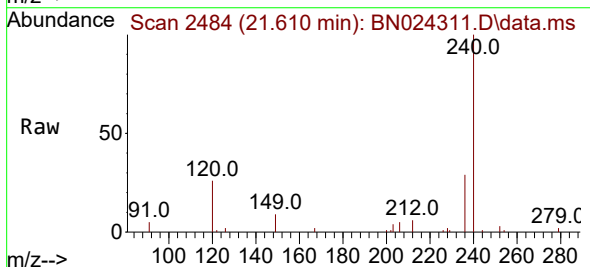


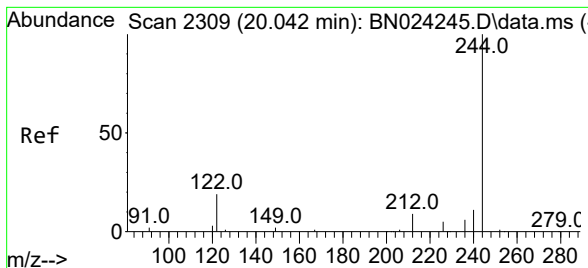
Tgt Ion:212 Resp: 13659  
Ion Ratio Lower Upper  
212 100  
106 21.4 15.4 23.2  
104 12.3 8.6 13.0



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.610 min Scan# 2484  
Delta R.T. 0.009 min  
Lab File: BN024311.D  
Acq: 16 Mar 2023 15:02

Tgt Ion:240 Resp: 11035  
Ion Ratio Lower Upper  
240 100  
120 25.9 12.8 19.2#  
236 29.3 22.5 33.7





#31

Terphenyl-d14

Concen: 0.560 ng

RT: 20.043 min Scan# 21

Delta R.T. 0.009 min

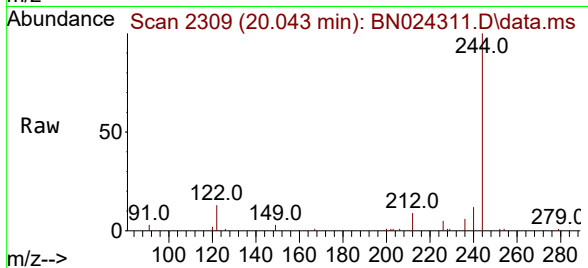
Lab File: BN024311.D

Acq: 16 Mar 2023 15:02

Instrument :

BNA\_N

ClientSampleId :



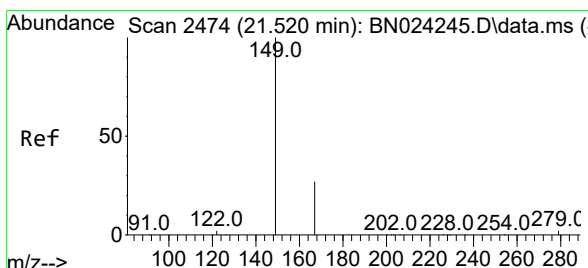
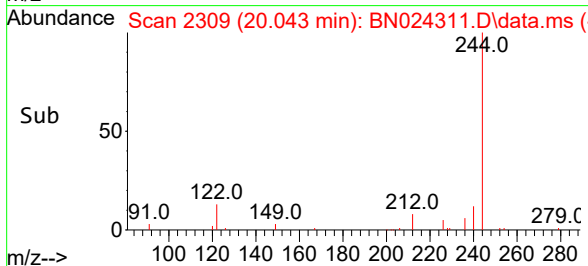
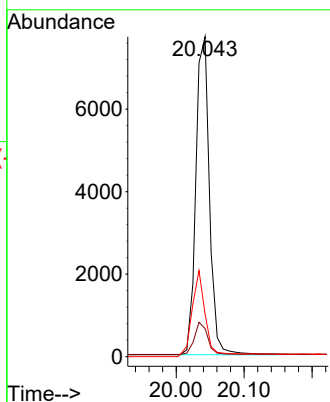
Tgt Ion:244 Resp: 10419

Ion Ratio Lower Upper

244 100

212 8.8 7.6 11.4

122 13.3 15.1 22.7#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.042 ng

RT: 21.511 min Scan# 2473

Delta R.T. 0.009 min

Lab File: BN024311.D

Acq: 16 Mar 2023 15:02

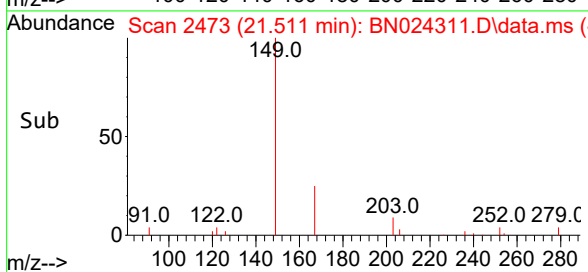
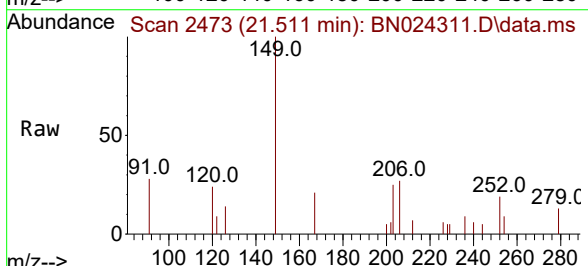
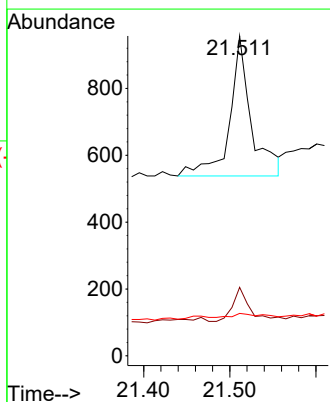
Tgt Ion:149 Resp: 731

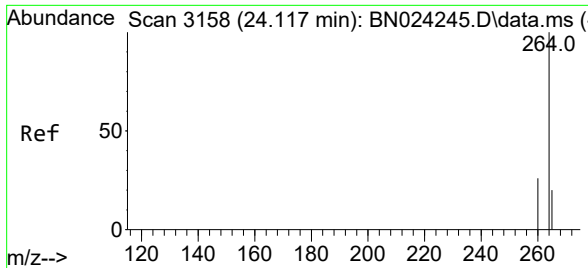
Ion Ratio Lower Upper

149 100

167 19.8 21.2 31.8#

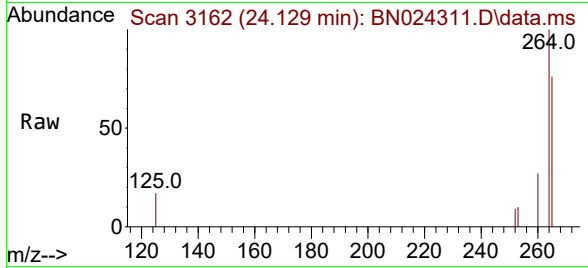
279 4.1 1.8 2.8#





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.129 min Scan# 31  
 Delta R.T. 0.015 min  
 Lab File: BN024311.D  
 Acq: 16 Mar 2023 15:02

Instrument :  
 BNA\_N  
 ClientSampleId :



|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:264 | Resp: | 8393        |
| Ion         | Ratio | Lower Upper |
| 264         | 100   |             |
| 260         | 27.4  | 21.4 32.2   |
| 265         | 76.2  | 35.7 53.5#  |

