

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091123\  
 Data File : BN027573.D  
 Acq On : 11 Sep 2023 12:18  
 Operator : MA/JU  
 Sample : 04254-01  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW11-MW01I-20230830

Quant Time: Sep 12 01:31:19 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 11 05:26:09 2023  
 Response via : Initial Calibration

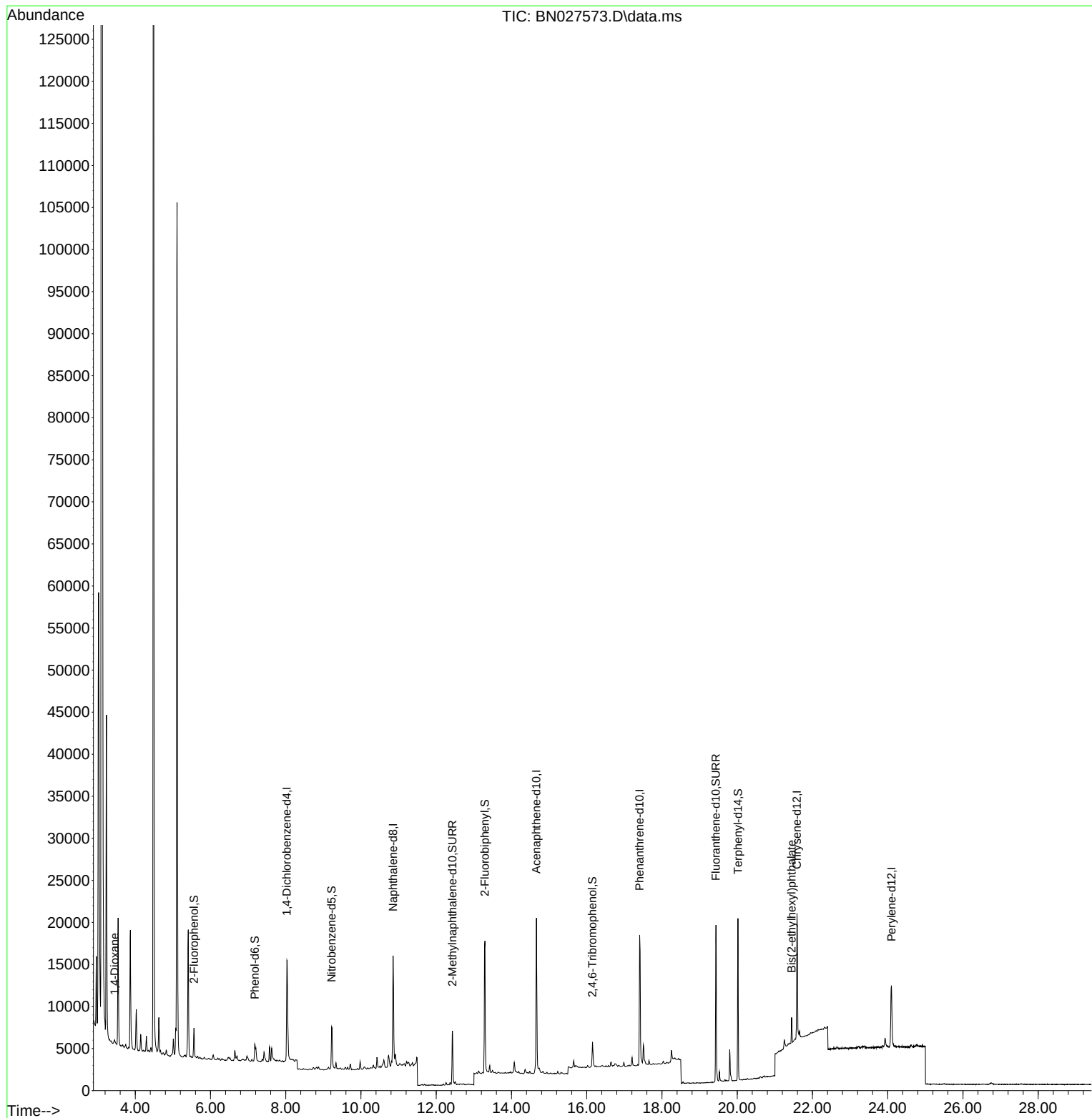
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.030  | 152  | 5986     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.853 | 136  | 18780    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.662 | 164  | 11355    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.406 | 188  | 23955    | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.587 | 240  | 15741    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.098 | 264  | 11793    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.560  | 112  | 2829     | 0.181 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.178  | 99   | 2025     | 0.107 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.219  | 82   | 4861     | 0.355 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.430 | 152  | 9094     | 0.330 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.152 | 330  | 1820     | 0.433 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.293 | 172  | 15599    | 0.361 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.435 | 212  | 20744    | 0.348 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.020 | 244  | 18945    | 0.599 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.451  | 88   | 549      | 0.075 | ng    | # 52     |
| 34) Bis(2-ethylhexyl)phtha... | 21.444 | 149  | 2906     | 0.112 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

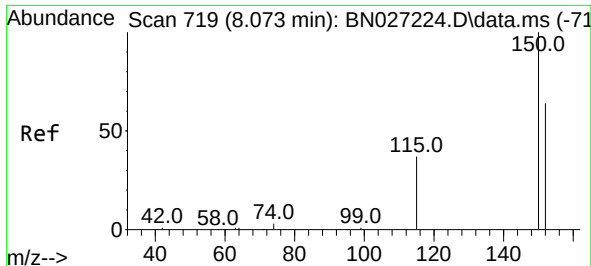
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091123\  
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Quant Time: Sep 12 01:31:19 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 11 05:26:09 2023  
Response via : Initial Calibration

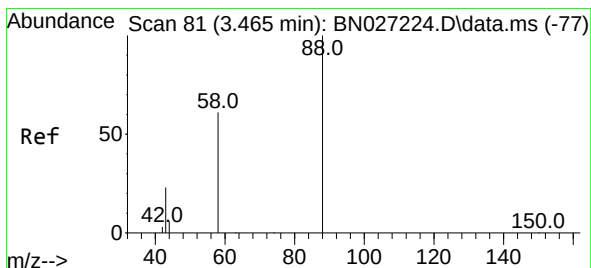
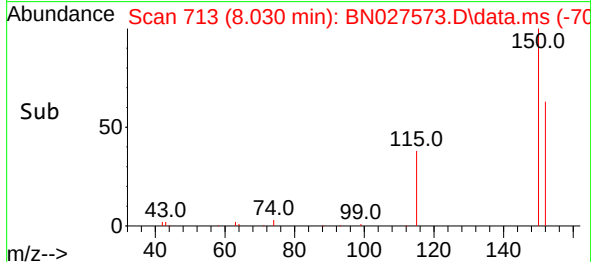
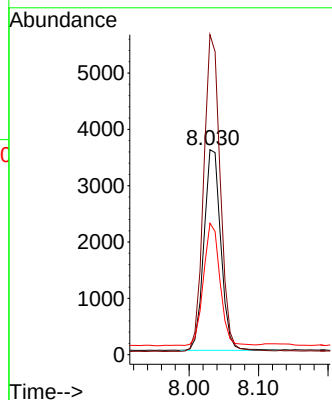
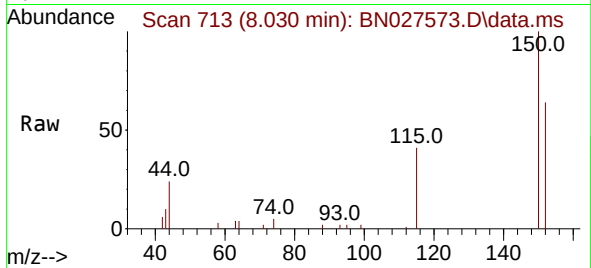




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.030 min Scan# 71  
 Delta R.T. -0.007 min  
 Lab File: BN027573.D  
 Acq: 11 Sep 2023 12:18

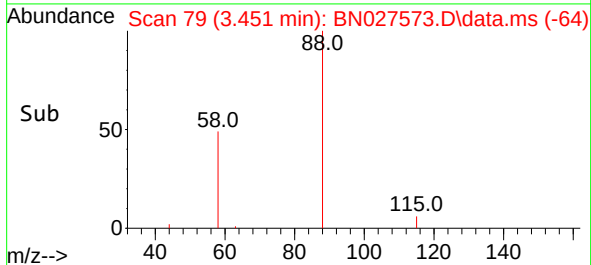
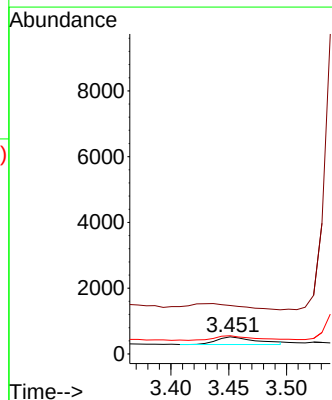
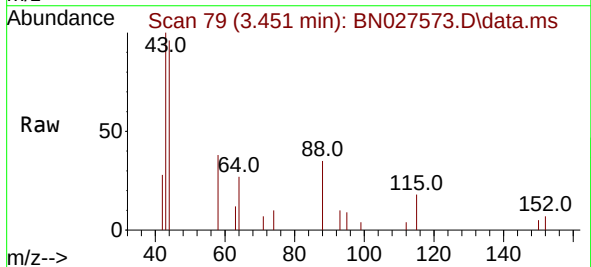
Instrument :  
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 ClientSampleId :  
 RW11-MW01I-20230830

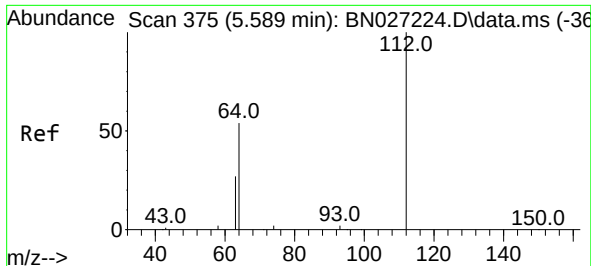
Tgt Ion:152 Resp: 5986  
 Ion Ratio Lower Upper  
 152 100  
 150 156.1 122.7 184.1  
 115 64.0 48.6 73.0



#2  
 1,4-Dioxane  
 Concen: 0.075 ng  
 RT: 3.451 min Scan# 79  
 Delta R.T. 0.007 min  
 Lab File: BN027573.D  
 Acq: 11 Sep 2023 12:18

Tgt Ion: 88 Resp: 549  
 Ion Ratio Lower Upper  
 88 100  
 43 97.6 19.1 28.7#  
 58 56.5 52.2 78.2

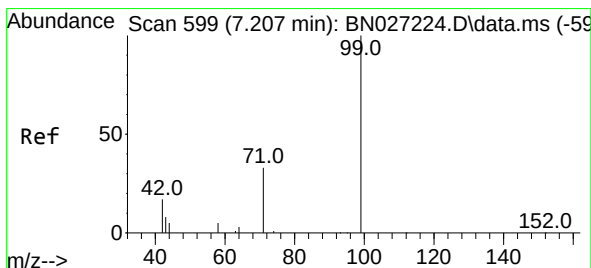
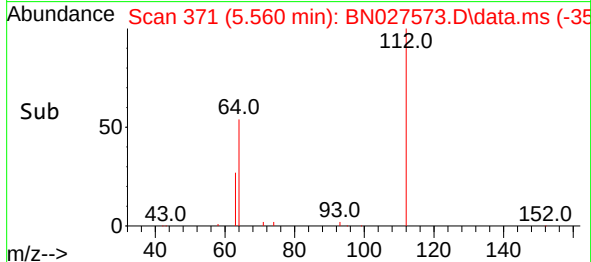
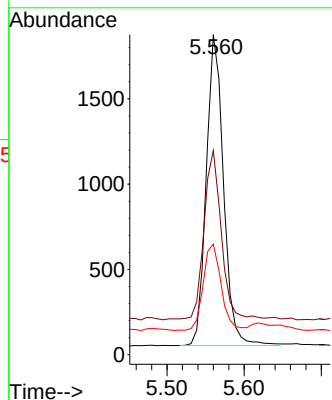
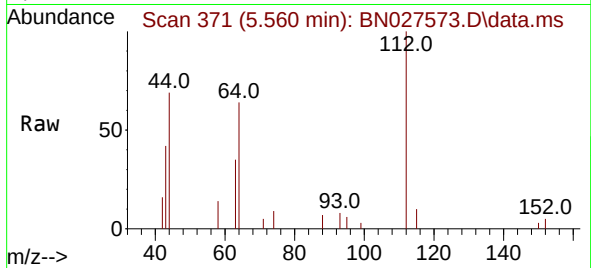




#4  
2-Fluorophenol  
Concen: 0.181 ng  
RT: 5.560 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BN027573.D  
Acq: 11 Sep 2023 12:18

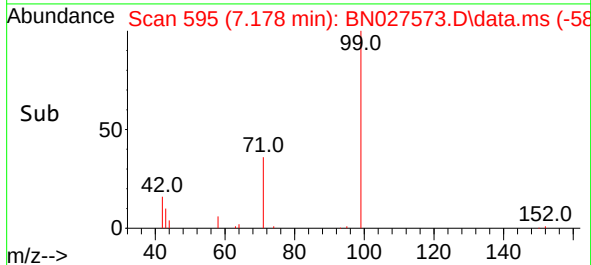
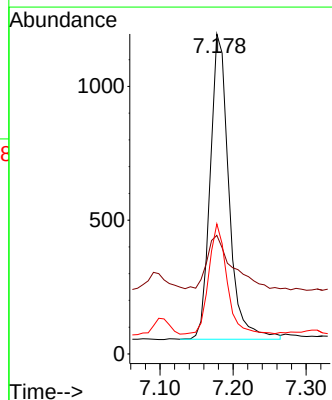
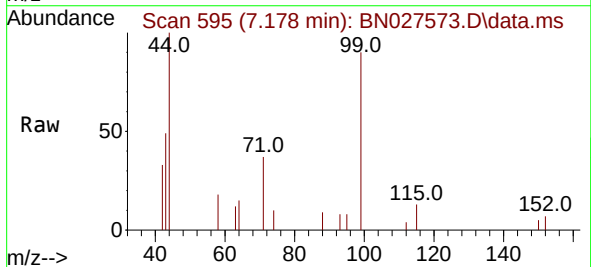
Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW011-20230830

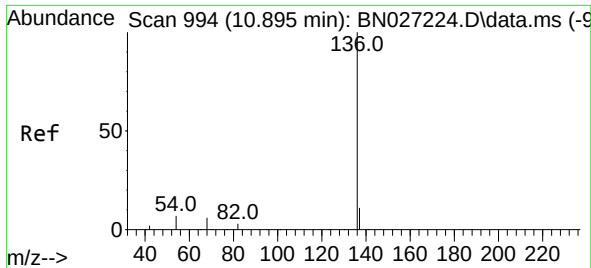
Tgt Ion:112 Resp: 2829  
Ion Ratio Lower Upper  
112 100  
64 55.5 44.4 66.6  
63 28.6 23.1 34.7



#5  
Phenol-d6  
Concen: 0.107 ng  
RT: 7.178 min Scan# 595  
Delta R.T. 0.000 min  
Lab File: BN027573.D  
Acq: 11 Sep 2023 12:18

Tgt Ion: 99 Resp: 2025  
Ion Ratio Lower Upper  
99 100  
42 24.0 14.5 21.7#  
71 34.8 25.8 38.6

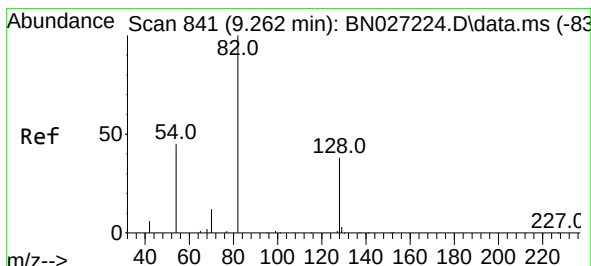
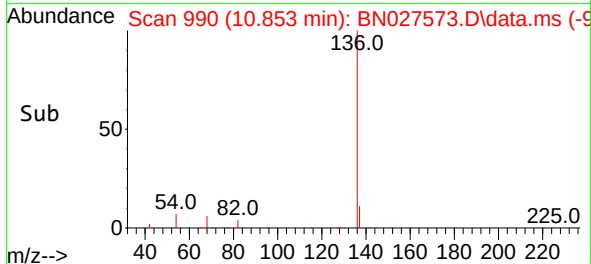
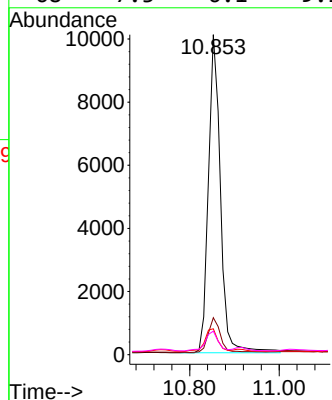
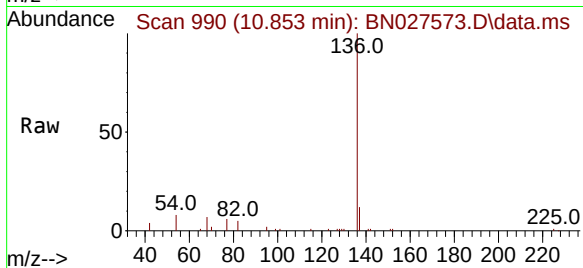




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.853 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN027573.D  
Acq: 11 Sep 2023 12:18

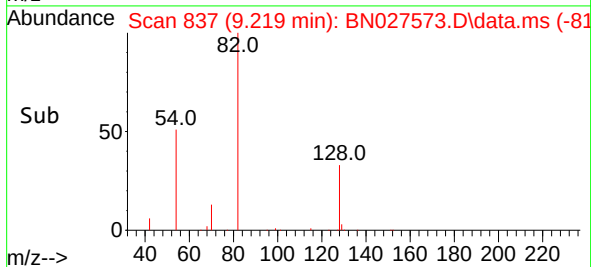
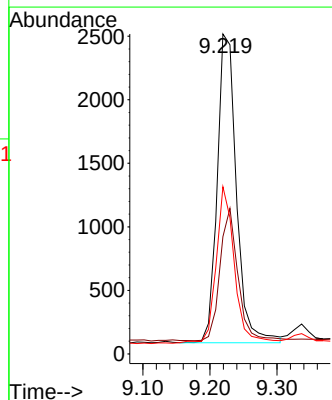
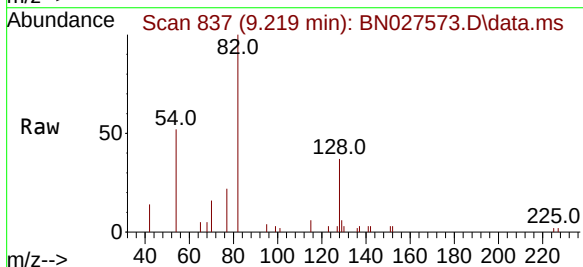
Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW01I-20230830

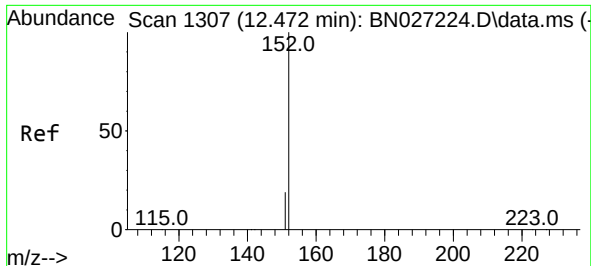
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 18780 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.6  | 9.3   | 13.9  |
| 54       | 8.1   | 6.7   | 10.1  |
| 68       | 7.3   | 6.1   | 9.1   |



#8  
Nitrobenzene-d5  
Concen: 0.355 ng  
RT: 9.219 min Scan# 837  
Delta R.T. 0.000 min  
Lab File: BN027573.D  
Acq: 11 Sep 2023 12:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 4861  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 36.6  | 33.4  | 50.0  |
| 54       | 52.3  | 37.7  | 56.5  |





#11

2-Methylnaphthalene-d10

Concen: 0.330 ng

RT: 12.430 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN027573.D

Acq: 11 Sep 2023 12:18

Instrument :

BNA\_N

ClientSampleId :

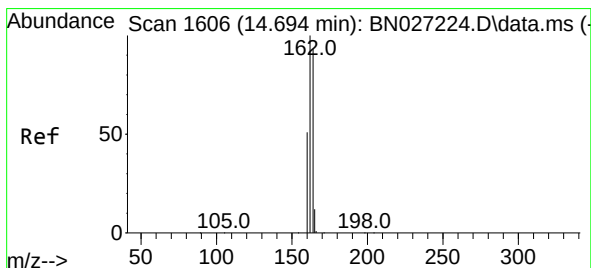
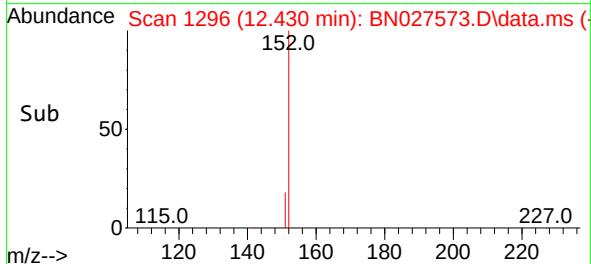
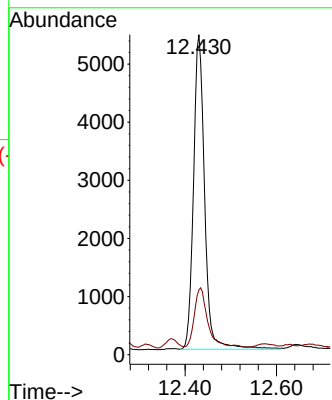
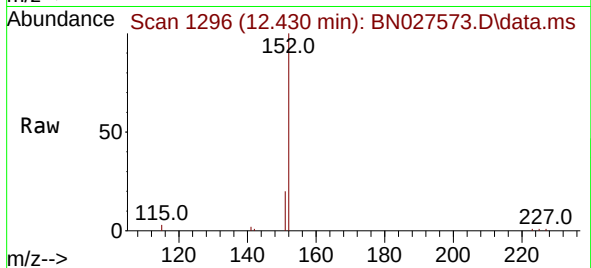
RW11-MW01I-20230830

Tgt Ion:152 Resp: 9094

Ion Ratio Lower Upper

152 100

151 21.4 16.6 25.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1603

Delta R.T. 0.000 min

Lab File: BN027573.D

Acq: 11 Sep 2023 12:18

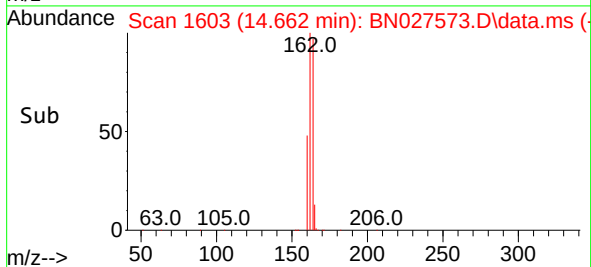
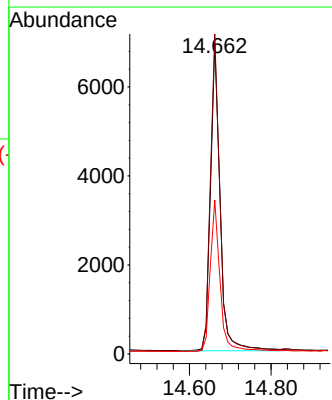
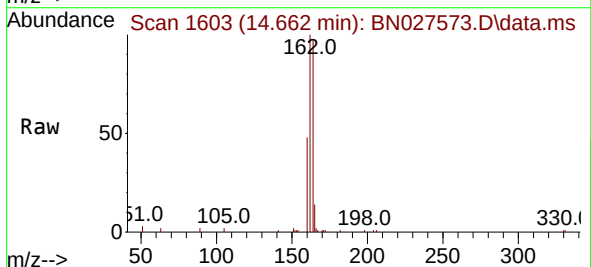
Tgt Ion:164 Resp: 11355

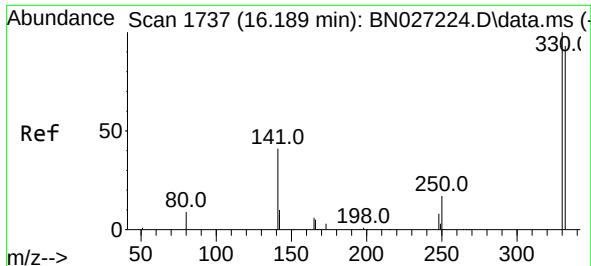
Ion Ratio Lower Upper

164 100

162 102.8 85.8 128.8

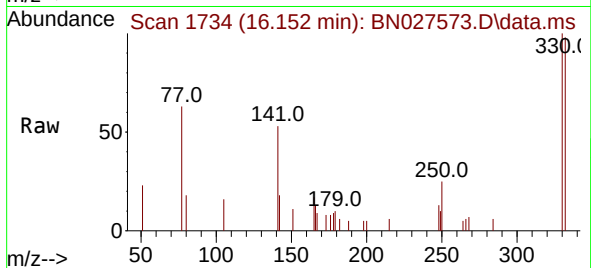
160 49.4 44.2 66.2



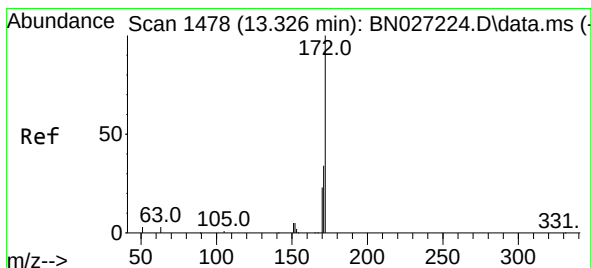
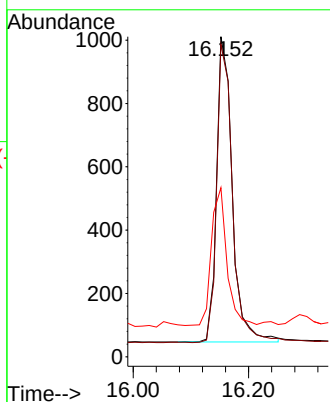
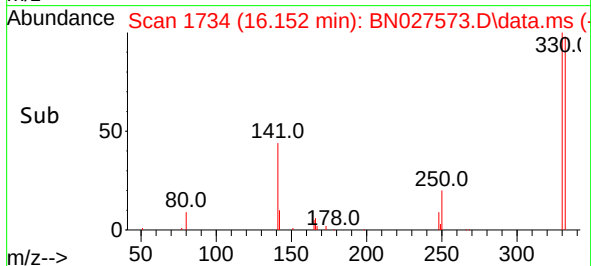


#14  
2,4,6-Tribromophenol  
Concen: 0.433 ng  
RT: 16.152 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN027573.D  
Acq: 11 Sep 2023 12:18

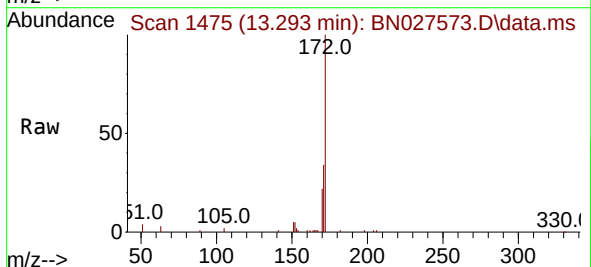
Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW01I-20230830



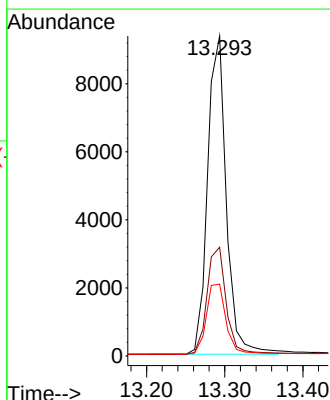
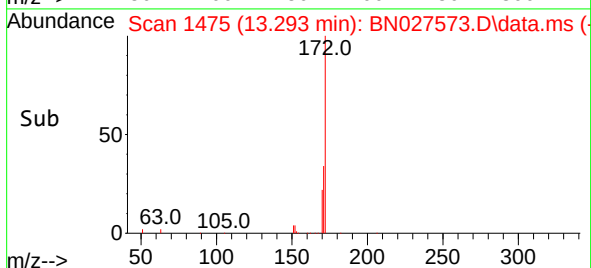
Tgt Ion:330 Resp: 1820  
Ion Ratio Lower Upper  
330 100  
332 97.7 75.2 112.8  
141 44.2 36.2 54.4

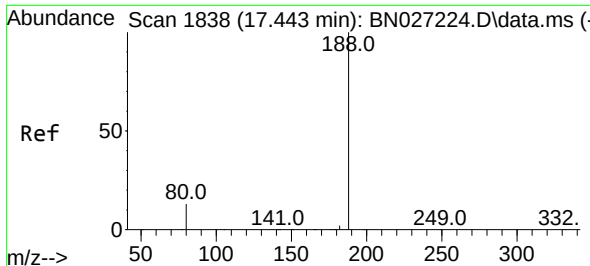


#15  
2-Fluorobiphenyl  
Concen: 0.361 ng  
RT: 13.293 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: BN027573.D  
Acq: 11 Sep 2023 12:18



Tgt Ion:172 Resp: 15599  
Ion Ratio Lower Upper  
172 100  
171 34.0 27.8 41.8  
170 22.4 19.3 28.9

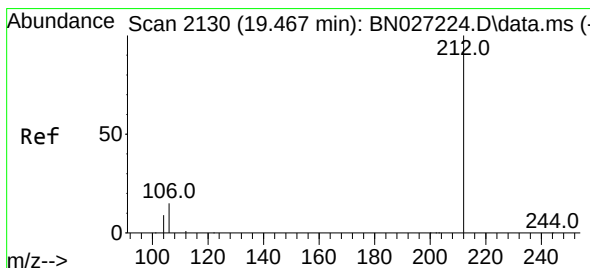
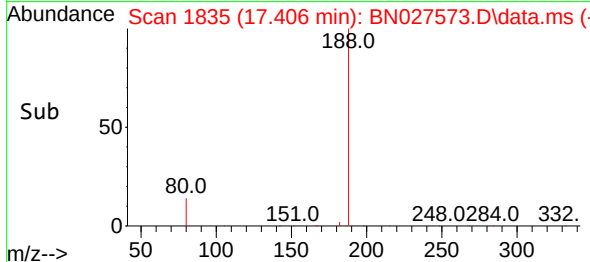
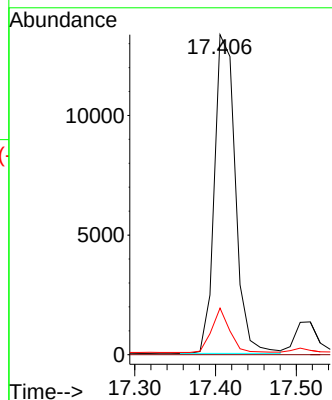
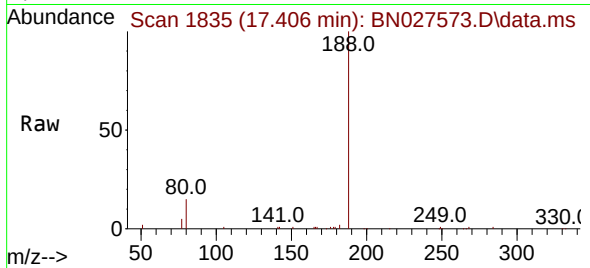




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.406 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BN027573.D  
Acq: 11 Sep 2023 12:18

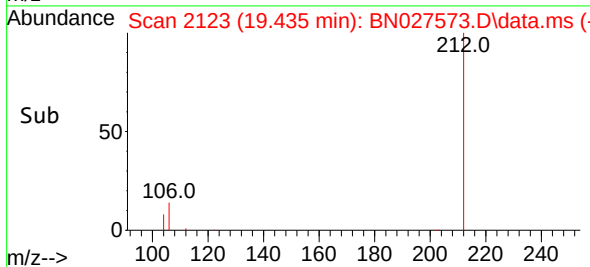
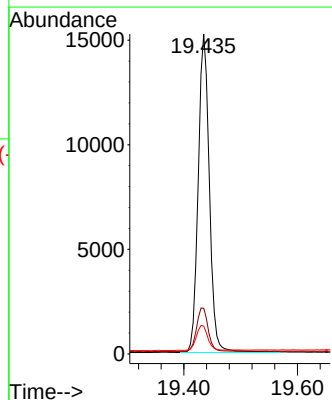
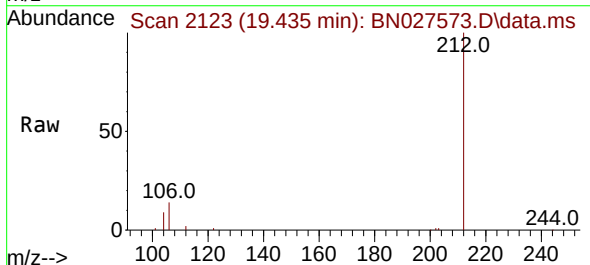
Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW01I-20230830

Tgt Ion:188 Resp: 23955  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.6 11.0 16.6

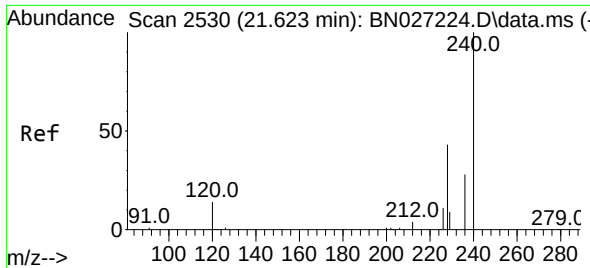


#27  
Fluoranthene-d10  
Concen: 0.348 ng  
RT: 19.435 min Scan# 2123  
Delta R.T. 0.000 min  
Lab File: BN027573.D  
Acq: 11 Sep 2023 12:18

Tgt Ion:212 Resp: 20744  
Ion Ratio Lower Upper  
212 100  
106 14.2 12.1 18.1  
104 8.2 6.9 10.3



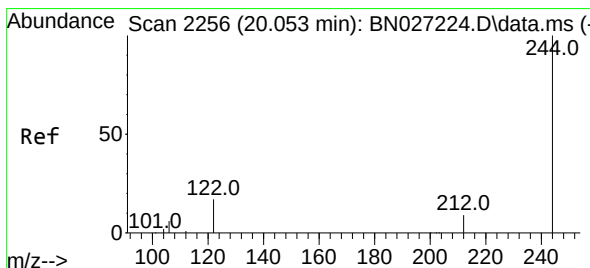
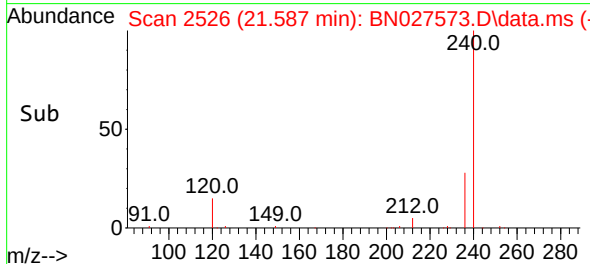
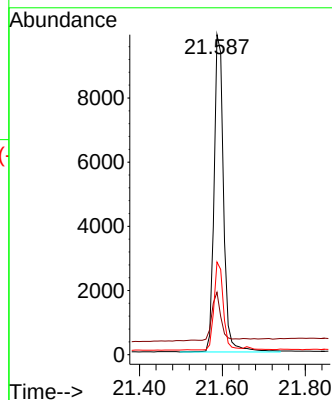
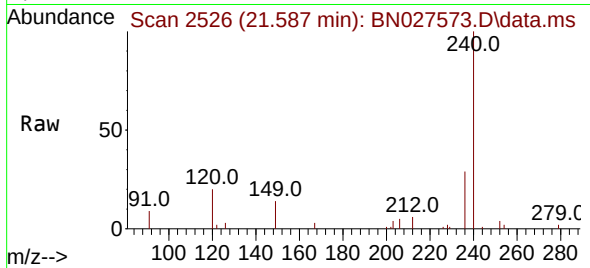




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.587 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN027573.D  
Acq: 11 Sep 2023 12:18

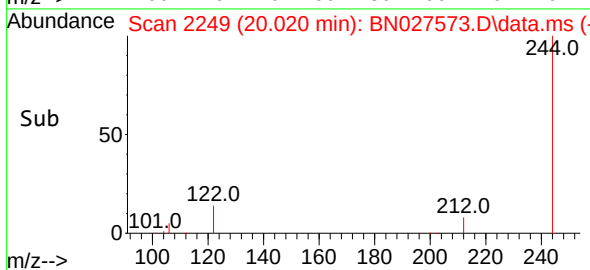
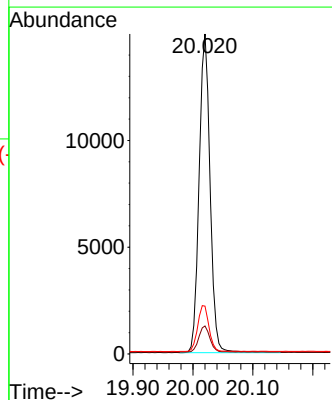
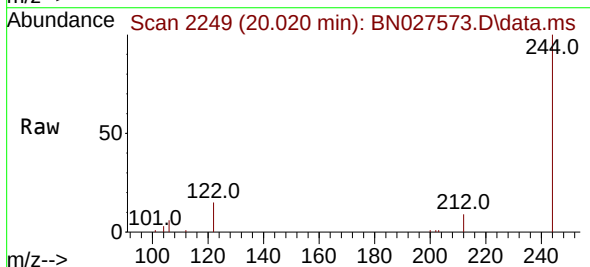
Instrument :  
BNA\_N  
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RW11-MW01I-20230830

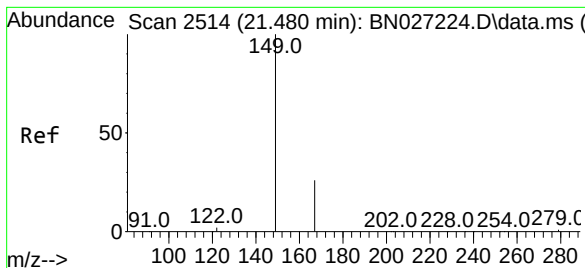
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Ion Ratio Lower Upper  
240 100  
120 19.5 14.2 21.4  
236 29.0 22.9 34.3



#31  
Terphenyl-d14  
Concen: 0.599 ng  
RT: 20.020 min Scan# 2249  
Delta R.T. 0.000 min  
Lab File: BN027573.D  
Acq: 11 Sep 2023 12:18

Tgt Ion:244 Resp: 18945  
Ion Ratio Lower Upper  
244 100  
212 8.7 7.5 11.3  
122 14.9 14.0 21.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.112 ng

RT: 21.444 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027573.D

Acq: 11 Sep 2023 12:18

Instrument :

BNA\_N

ClientSampleId :

RW11-MW01I-20230830

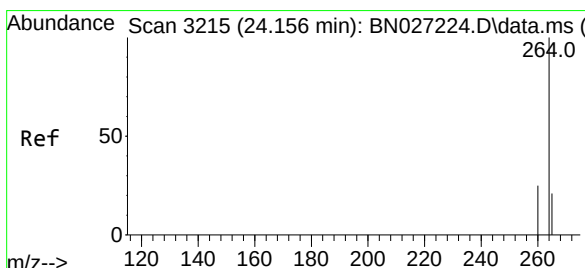
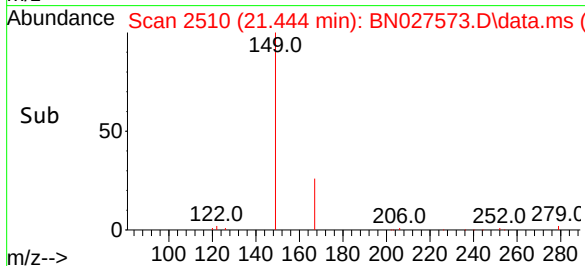
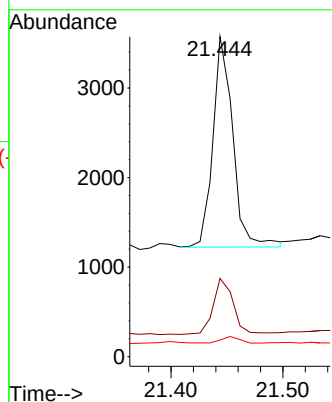
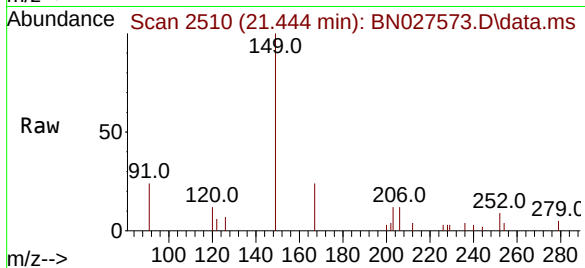
Tgt Ion:149 Resp: 2906

Ion Ratio Lower Upper

149 100

167 26.6 22.1 33.1

279 2.9 2.7 4.1



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.098 min Scan# 3195

Delta R.T. 0.003 min

Lab File: BN027573.D

Acq: 11 Sep 2023 12:18

Tgt Ion:264 Resp: 11793

Ion Ratio Lower Upper

264 100

260 26.4 20.7 31.1

265 80.5 53.3 79.9#

