

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082523\  
 Data File : BN027153.D  
 Acq On : 26 Aug 2023 13:32  
 Operator : MA/JU  
 Sample : 04095-10  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT163S1-20230818

Quant Time: Aug 26 22:34:05 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 26 02:13:59 2023  
 Response via : Initial Calibration

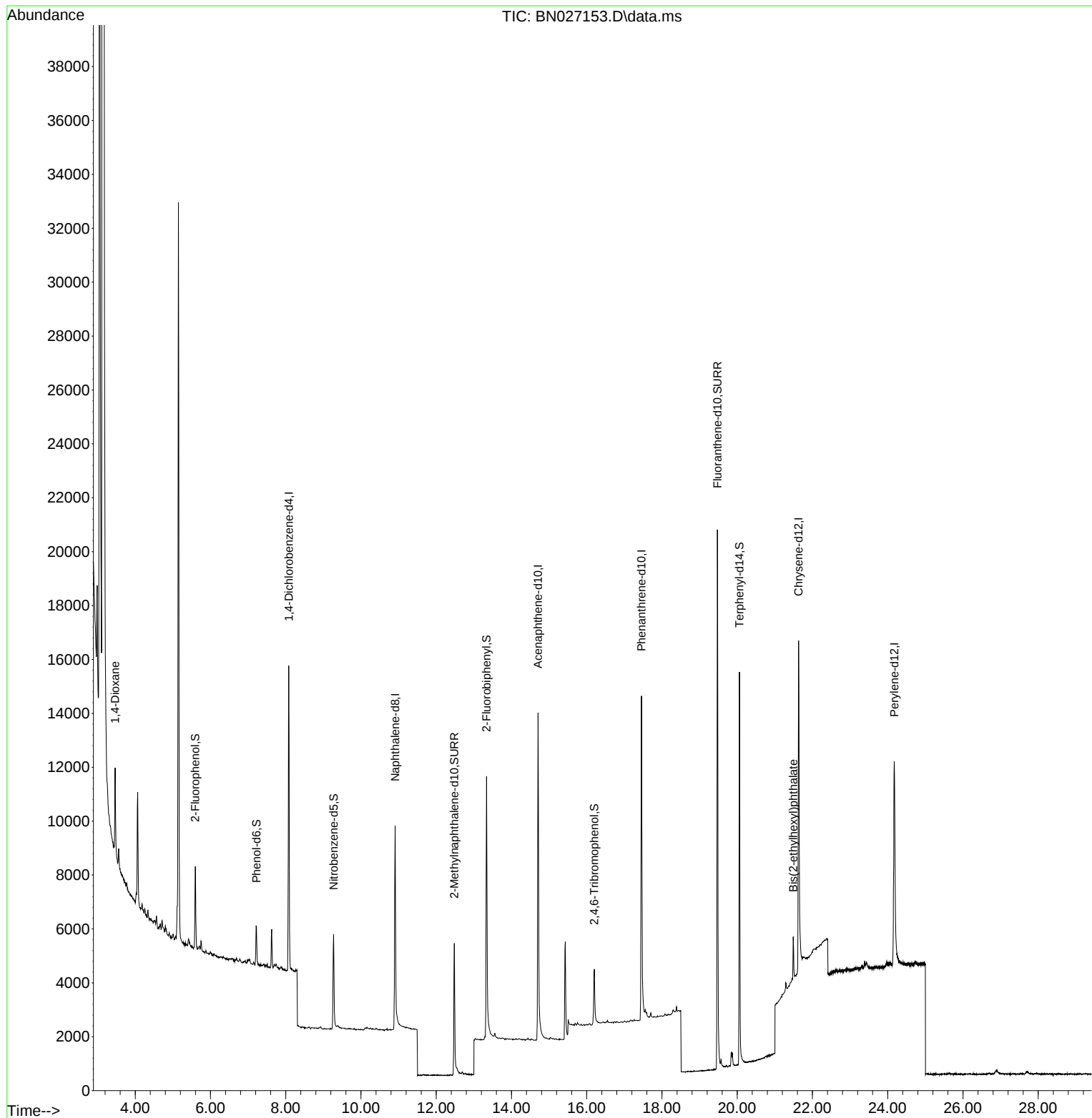
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.080  | 152  | 5644     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.906 | 136  | 11915    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.705 | 164  | 8298     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.455 | 188  | 19347    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.632 | 240  | 15214    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.174 | 264  | 14206    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.596  | 112  | 2550     | 0.160 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.221  | 99   | 1592     | 0.081 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.272  | 82   | 3312     | 0.329 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.479 | 152  | 8230     | 0.435 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.201 | 330  | 1445     | 0.327 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.336 | 172  | 10276    | 0.334 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.476 | 212  | 24707    | 0.498 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.057 | 244  | 15682    | 0.493 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.465  | 88   | 2352     | 0.388 | ng    | # 89     |
| 34) Bis(2-ethylhexyl)phtha... | 21.488 | 149  | 1852     | 0.047 | ng    | # 95     |
| -----                         |        |      |          |       |       |          |

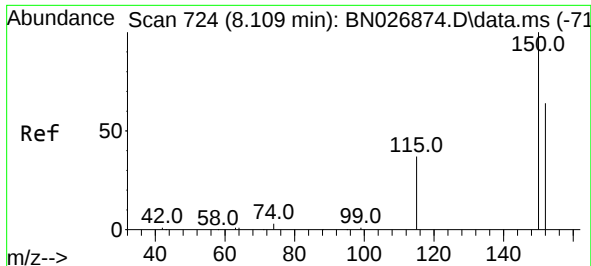
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082523\  
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Instrument :  
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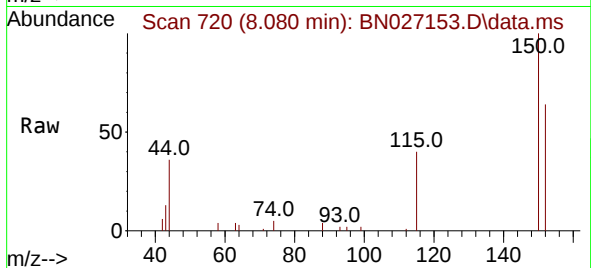
Quant Time: Aug 26 22:34:05 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Aug 26 02:13:59 2023  
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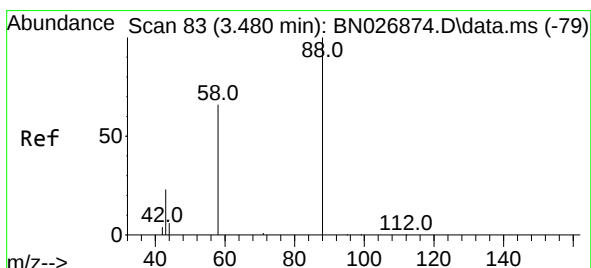
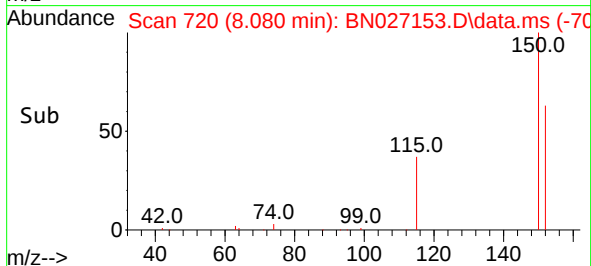
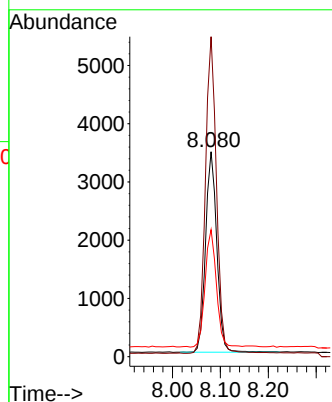
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.080 min Scan# 71  
 Delta R.T. -0.008 min  
 Lab File: BN027153.D  
 Acq: 26 Aug 2023 13:32

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT163S1-20230818



Tgt Ion:152 Resp: 5644

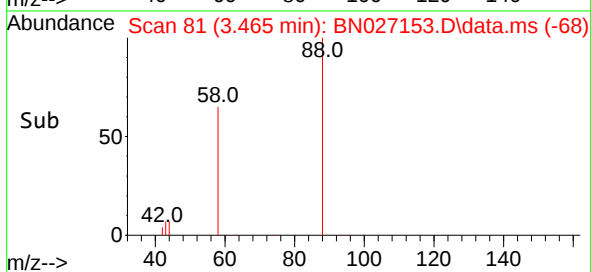
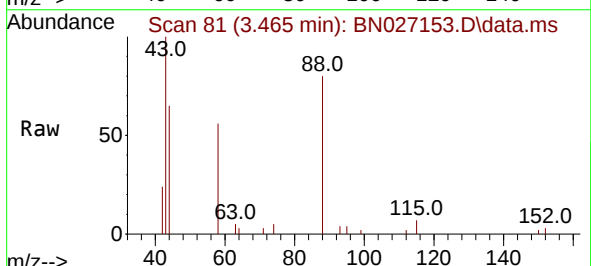
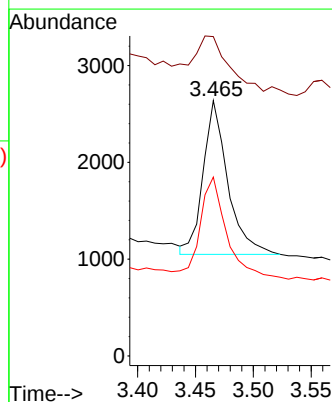
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 156.2 | 123.8 | 185.6 |
| 115 | 62.0  | 49.7  | 74.5  |

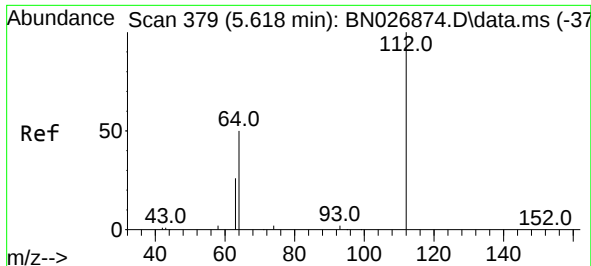


#2  
 1,4-Dioxane  
 Concen: 0.388 ng  
 RT: 3.465 min Scan# 81  
 Delta R.T. -0.007 min  
 Lab File: BN027153.D  
 Acq: 26 Aug 2023 13:32

Tgt Ion: 88 Resp: 2352

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 43.6  | 19.2  | 28.8  |
| 58  | 68.4  | 54.5  | 81.7  |





#4

2-Fluorophenol

Concen: 0.160 ng

RT: 5.596 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN027153.D

Acq: 26 Aug 2023 13:32

Instrument :

BNA\_N

ClientSampleId :

TT163S1-20230818

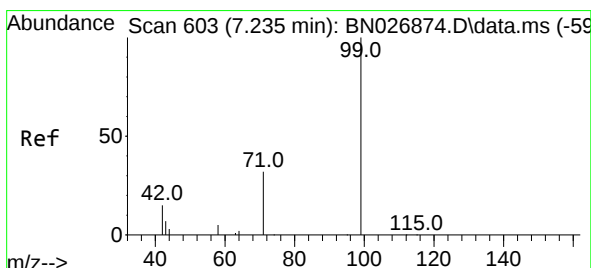
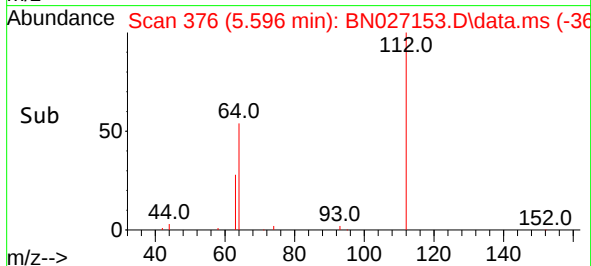
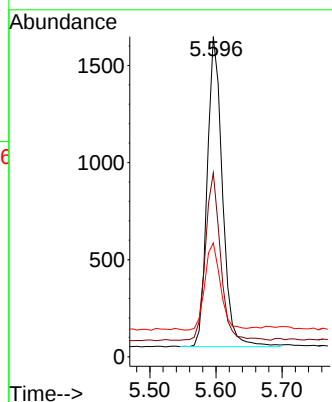
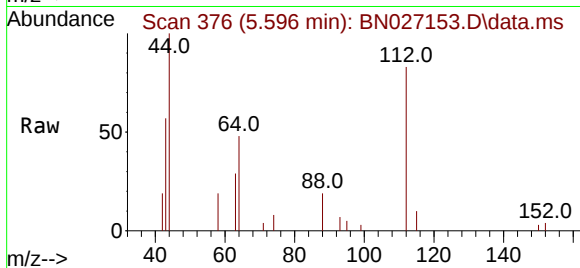
Tgt Ion:112 Resp: 2550

Ion Ratio Lower Upper

112 100

64 53.2 41.5 62.3

63 28.9 21.7 32.5



#5

Phenol-d6

Concen: 0.081 ng

RT: 7.221 min Scan# 601

Delta R.T. -0.000 min

Lab File: BN027153.D

Acq: 26 Aug 2023 13:32

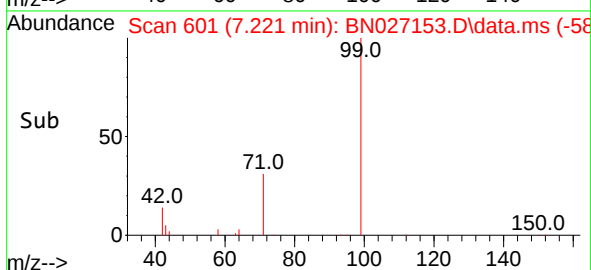
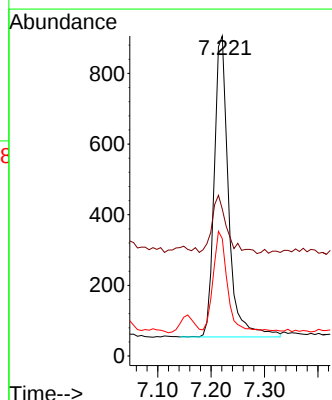
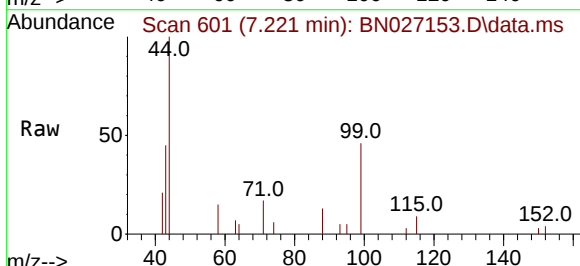
Tgt Ion: 99 Resp: 1592

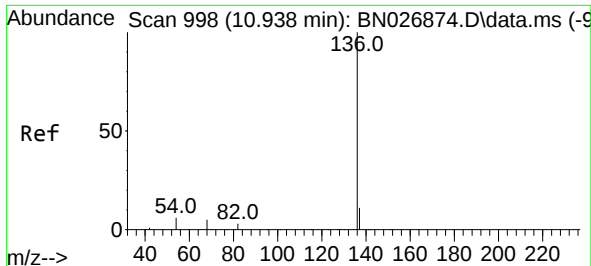
Ion Ratio Lower Upper

99 100

42 20.1 13.6 20.4

71 32.4 26.0 39.0

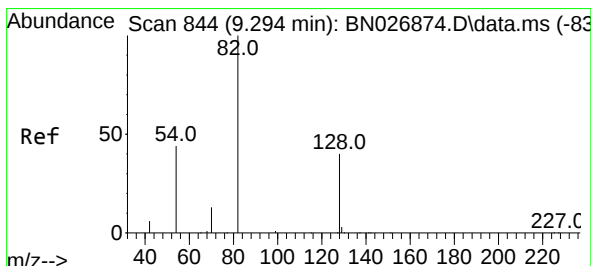
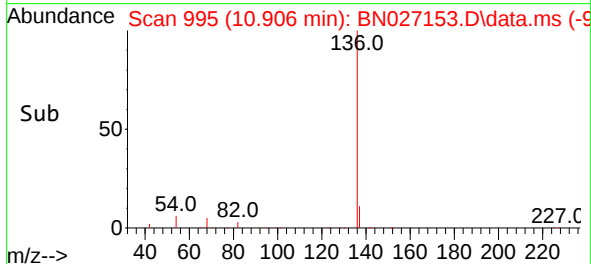
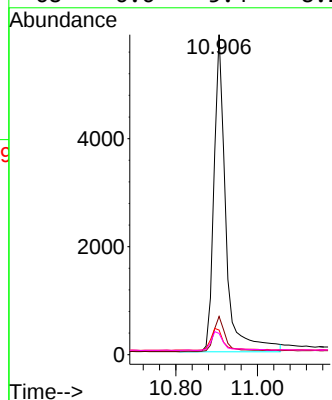
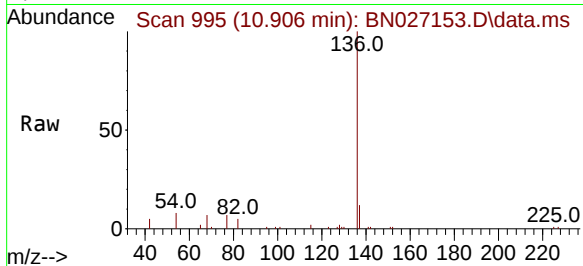




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.906 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN027153.D  
Acq: 26 Aug 2023 13:32

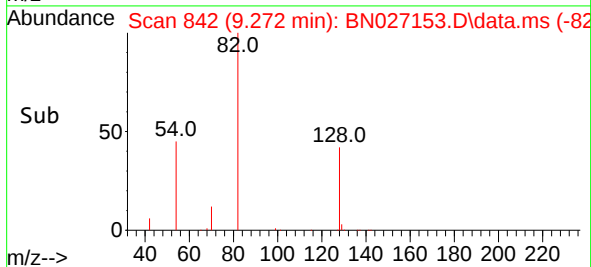
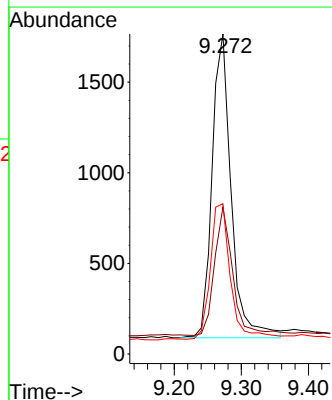
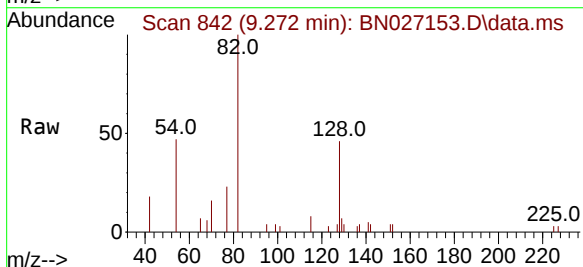
Instrument :  
BNA\_N  
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TT163S1-20230818

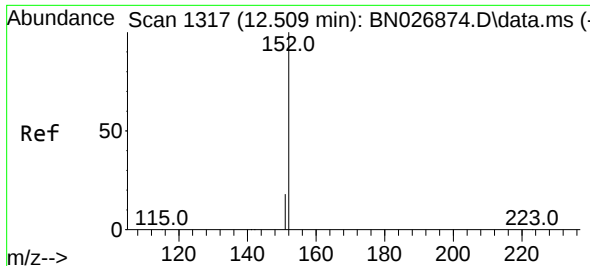
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 11915 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.9  | 9.0   | 13.6  |
| 54        | 7.7   | 5.5   | 8.3   |
| 68        | 6.6   | 5.4   | 8.2   |



#8  
Nitrobenzene-d5  
Concen: 0.329 ng  
RT: 9.272 min Scan# 842  
Delta R.T. -0.000 min  
Lab File: BN027153.D  
Acq: 26 Aug 2023 13:32

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3312 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 45.9  | 34.1  | 51.1 |
| 54        | 46.9  | 37.0  | 55.4 |

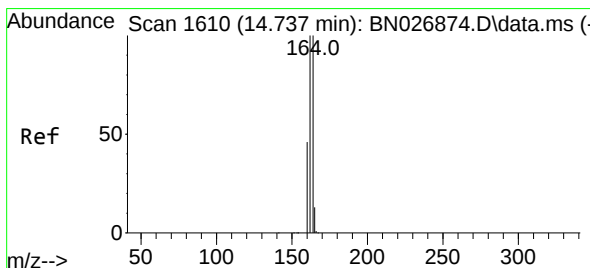
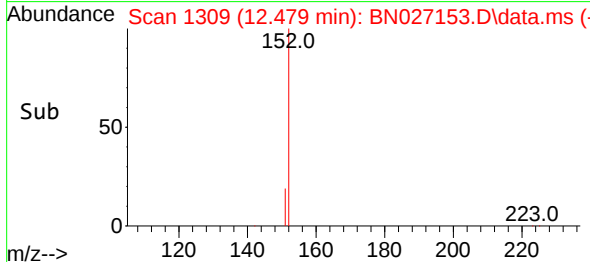
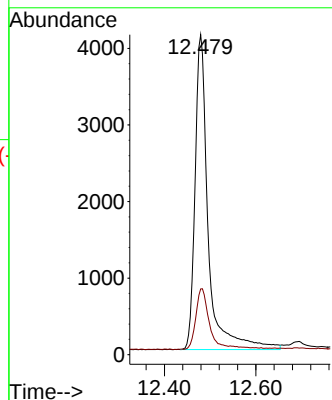
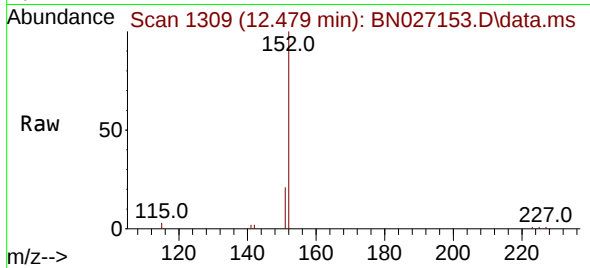




#11  
2-Methylnaphthalene-d10  
Concen: 0.435 ng  
RT: 12.479 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN027153.D  
Acq: 26 Aug 2023 13:32

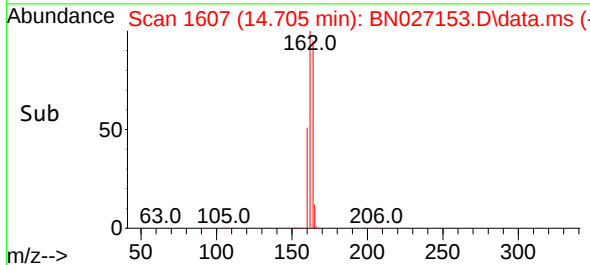
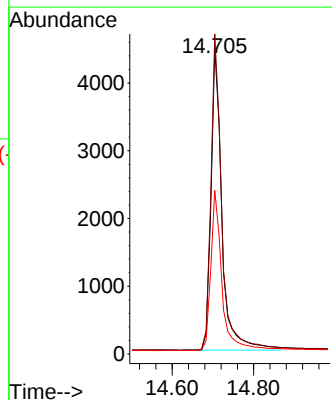
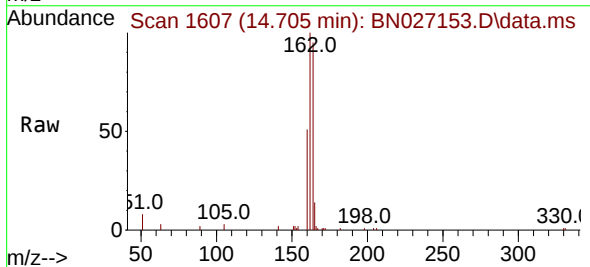
Instrument :  
BNA\_N  
ClientSampleId :  
TT163S1-20230818

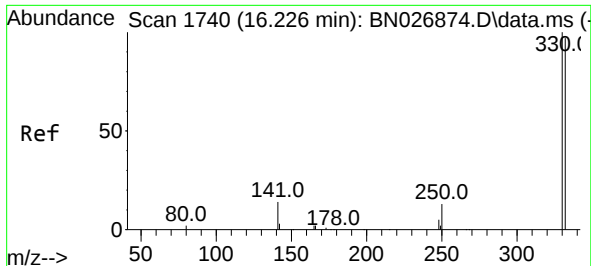
Tgt Ion:152 Resp: 8230  
Ion Ratio Lower Upper  
152 100  
151 19.1 16.3 24.5



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.705 min Scan# 1607  
Delta R.T. -0.000 min  
Lab File: BN027153.D  
Acq: 26 Aug 2023 13:32

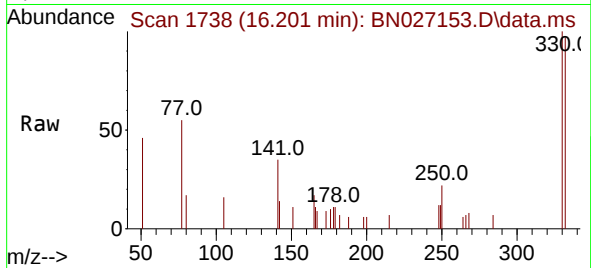
Tgt Ion:164 Resp: 8298  
Ion Ratio Lower Upper  
164 100  
162 104.7 79.7 119.5  
160 53.5 37.4 56.0



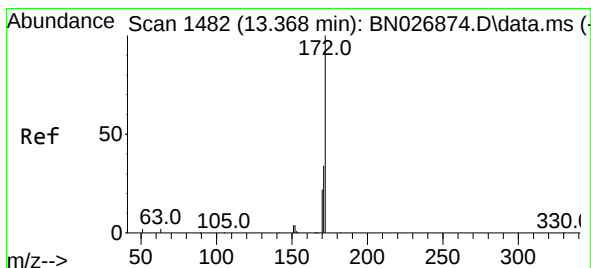
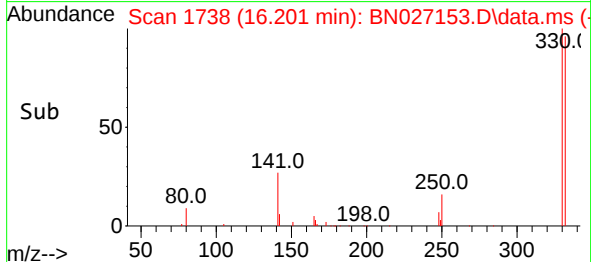
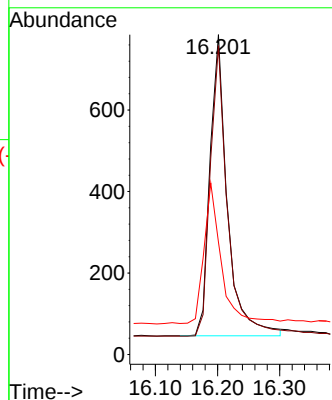


#14  
2,4,6-Tribromophenol  
Concen: 0.327 ng  
RT: 16.201 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BN027153.D  
Acq: 26 Aug 2023 13:32

Instrument :  
BNA\_N  
ClientSampleId :  
TT163S1-20230818

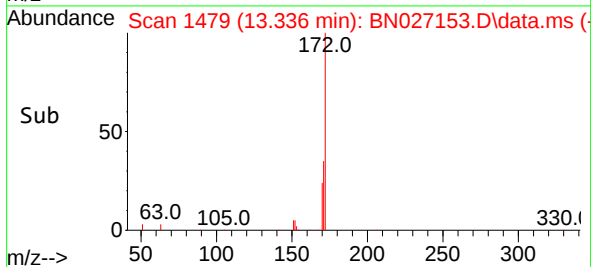
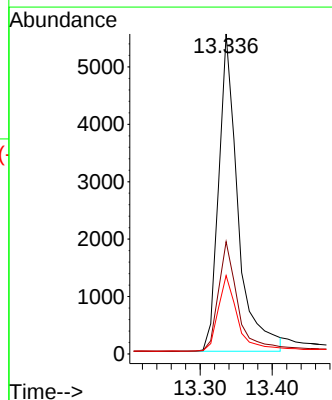
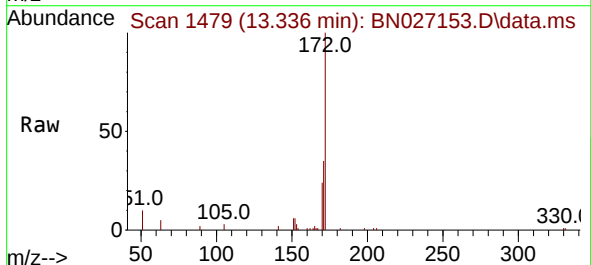


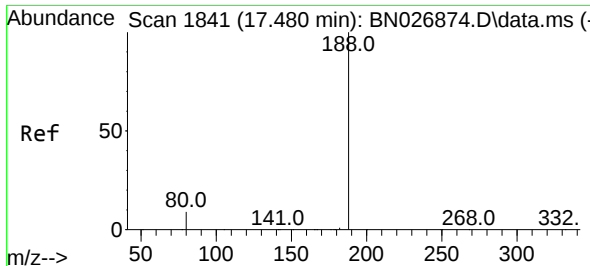
Tgt Ion: 330 Resp: 1445  
Ion Ratio Lower Upper  
330 100  
332 96.0 76.6 114.8  
141 46.0 32.3 48.5



#15  
2-Fluorobiphenyl  
Concen: 0.334 ng  
RT: 13.336 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: BN027153.D  
Acq: 26 Aug 2023 13:32

Tgt Ion: 172 Resp: 10276  
Ion Ratio Lower Upper  
172 100  
171 35.1 27.4 41.0  
170 24.5 18.0 27.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.455 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN027153.D

Acq: 26 Aug 2023 13:32

Instrument :

BNA\_N

ClientSampleId :

TT163S1-20230818

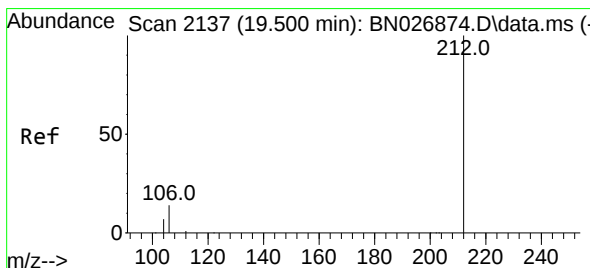
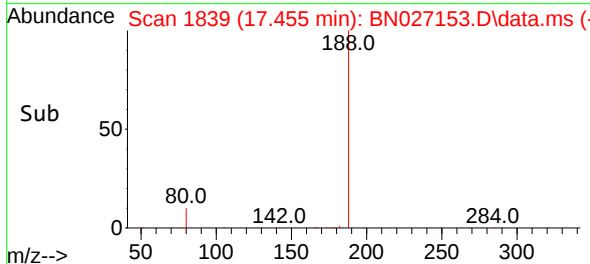
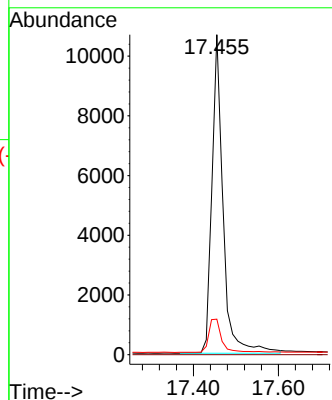
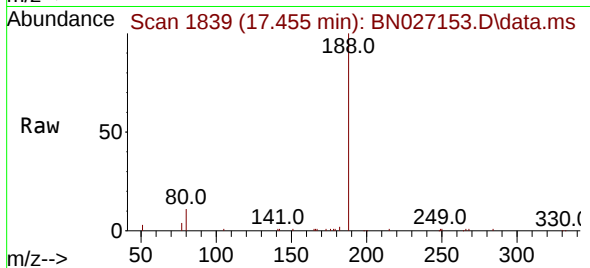
Tgt Ion:188 Resp: 19347

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.1 7.4 11.2



#27

Fluoranthene-d10

Concen: 0.498 ng

RT: 19.476 min Scan# 2132

Delta R.T. -0.000 min

Lab File: BN027153.D

Acq: 26 Aug 2023 13:32

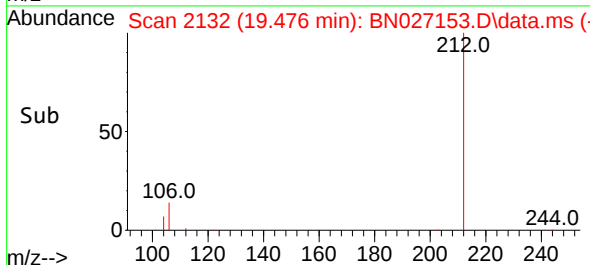
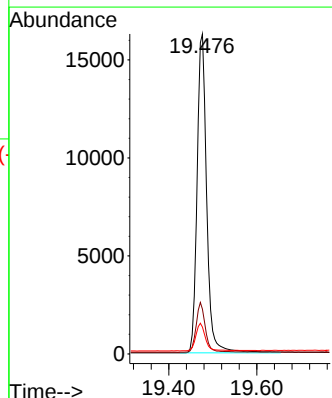
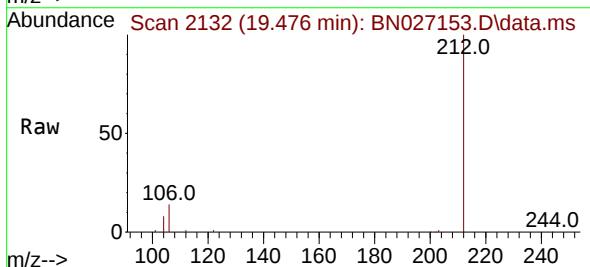
Tgt Ion:212 Resp: 24707

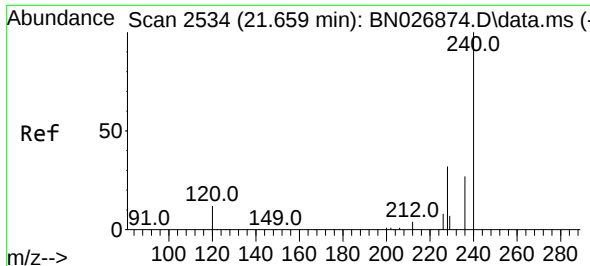
Ion Ratio Lower Upper

212 100

106 15.0 10.9 16.3

104 8.5 5.9 8.9

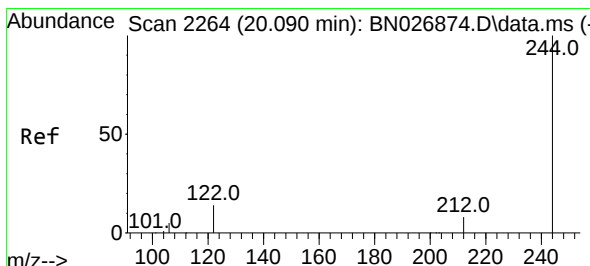
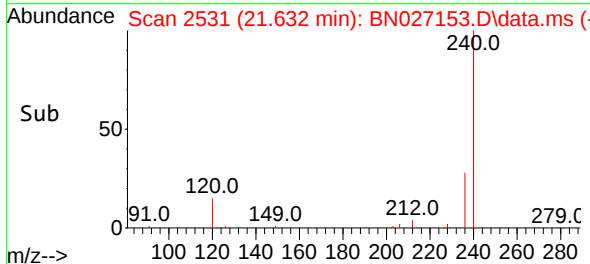
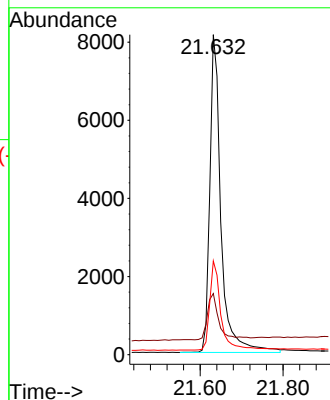
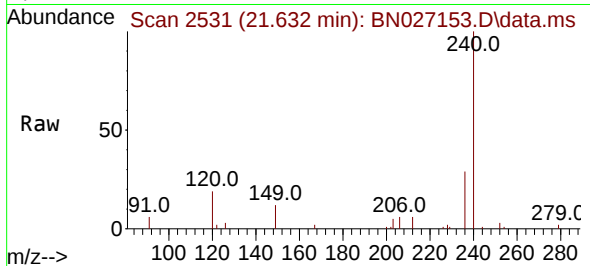




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.632 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN027153.D  
Acq: 26 Aug 2023 13:32

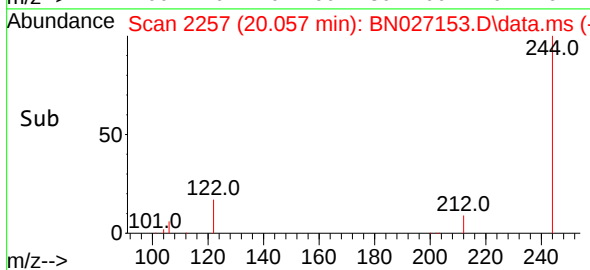
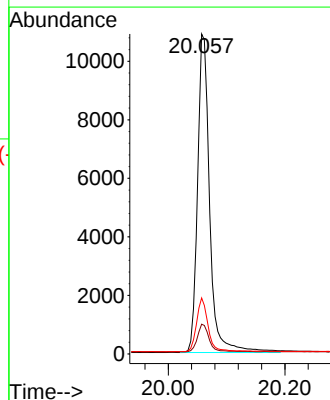
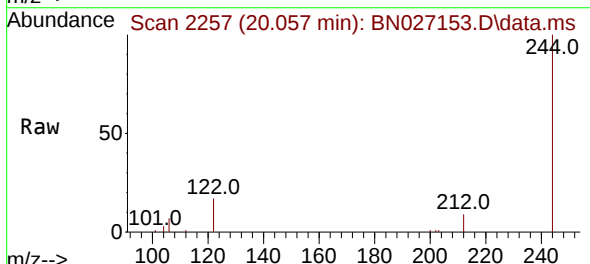
Instrument :  
BNA\_N  
ClientSampleId :  
TT163S1-20230818

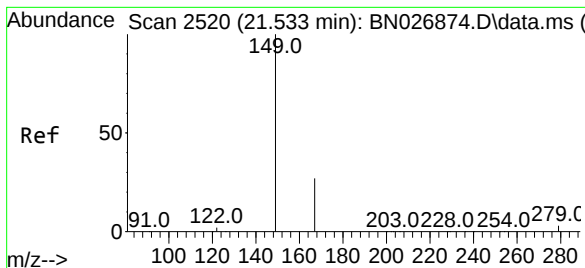
Tgt Ion:240 Resp: 15214  
Ion Ratio Lower Upper  
240 100  
120 19.1 11.1 16.7#  
236 29.3 22.2 33.2



#31  
Terphenyl-d14  
Concen: 0.493 ng  
RT: 20.057 min Scan# 2257  
Delta R.T. -0.005 min  
Lab File: BN027153.D  
Acq: 26 Aug 2023 13:32

Tgt Ion:244 Resp: 15682  
Ion Ratio Lower Upper  
244 100  
212 9.3 6.9 10.3  
122 17.5 11.9 17.9

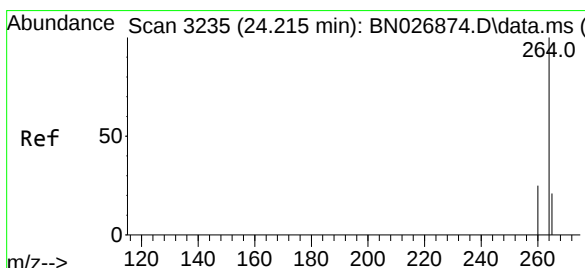
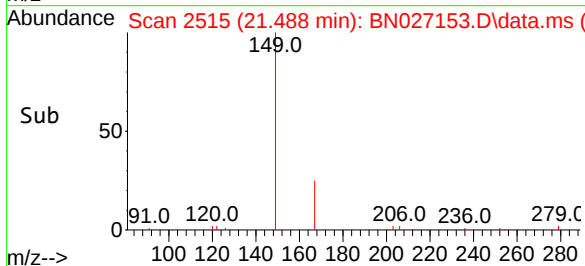
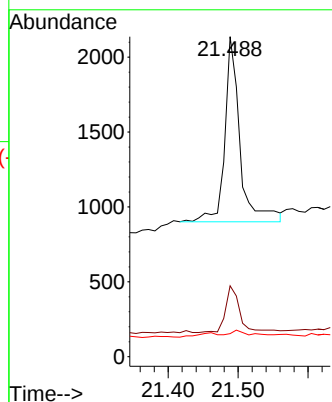
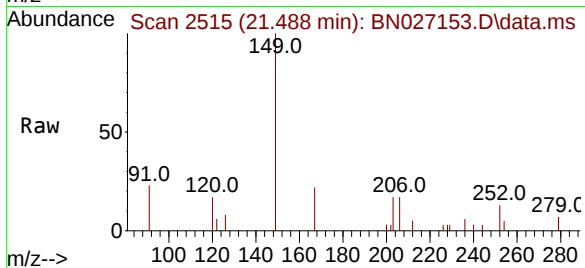




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.047 ng  
 RT: 21.488 min Scan# 2155  
 Delta R.T. -0.009 min  
 Lab File: BN027153.D  
 Acq: 26 Aug 2023 13:32

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT163S1-20230818

Tgt Ion:149 Resp: 1852  
 Ion Ratio Lower Upper  
 149 100  
 167 24.2 21.4 32.0  
 279 2.8 3.6 5.4#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.174 min Scan# 3221  
 Delta R.T. 0.003 min  
 Lab File: BN027153.D  
 Acq: 26 Aug 2023 13:32

Tgt Ion:264 Resp: 14206  
 Ion Ratio Lower Upper  
 264 100  
 260 25.9 20.4 30.6  
 265 75.6 27.0 40.6#

