

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091323\  
 Data File : BN027615.D  
 Acq On : 12 Sep 2023 18:12  
 Operator : MA/JU  
 Sample : 04287-05  
 Misc :  
 ALS Vial : 117 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EB01-090123

Quant Time: Sep 13 06:02:13 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 02:45:58 2023  
 Response via : Initial Calibration

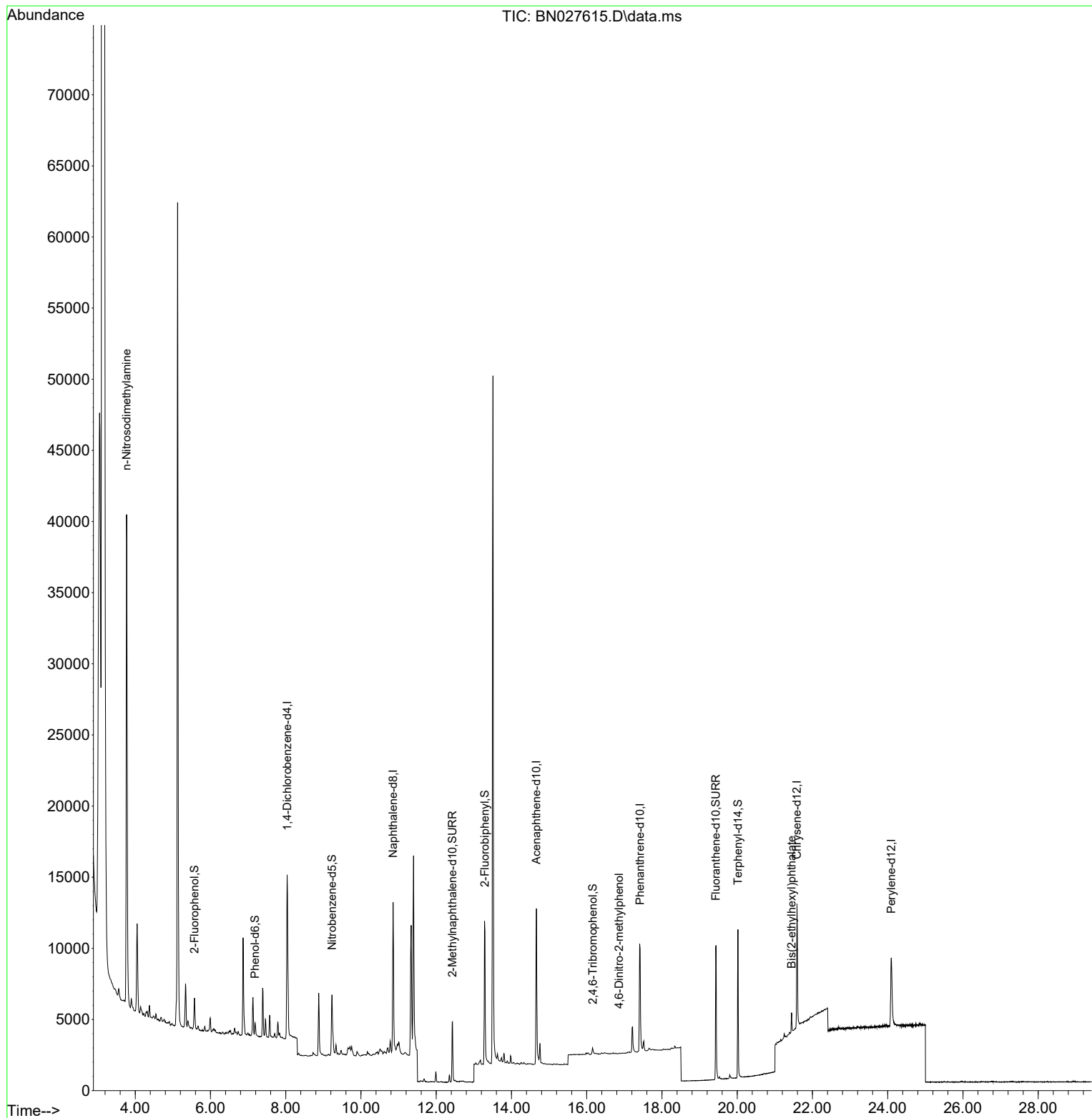
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.037  | 152  | 5799     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.853 | 136  | 14996    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.662 | 164  | 6967     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.418 | 188  | 13739    | 0.400 | ng    | # 0.01   |
| 29) Chrysene-d12              | 21.587 | 240  | 9631     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.095 | 264  | 9053     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.574  | 112  | 1627     | 0.108 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.185  | 99   | 1029     | 0.056 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.230  | 82   | 4097     | 0.375 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.426 | 152  | 6137     | 0.279 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.164 | 330  | 218      | 0.085 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 13.293 | 172  | 10379    | 0.392 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.435 | 212  | 11687    | 0.342 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.020 | 244  | 10653    | 0.551 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 3) n-Nitrosodimethylamine     | 3.769  | 42   | 3493     | 0.465 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 16.859 | 198  | 4        | 0.020 | ng    | # 31     |
| 34) Bis(2-ethylhexyl)phtha... | 21.444 | 149  | 1471     | 0.092 | ng    | 93       |
| -----                         |        |      |          |       |       |          |

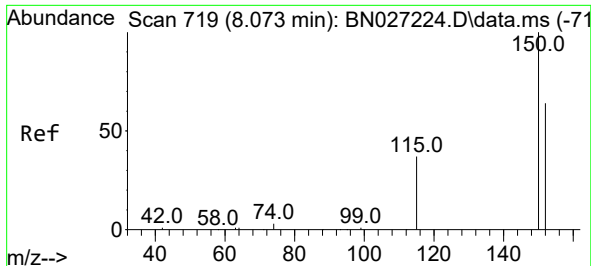
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091323\  
Data File : BN027615.D  
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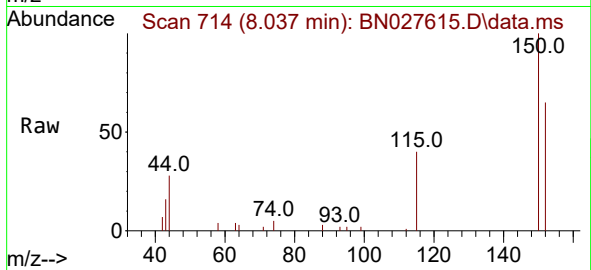
Quant Time: Sep 13 06:02:13 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 12 02:45:58 2023  
Response via : Initial Calibration



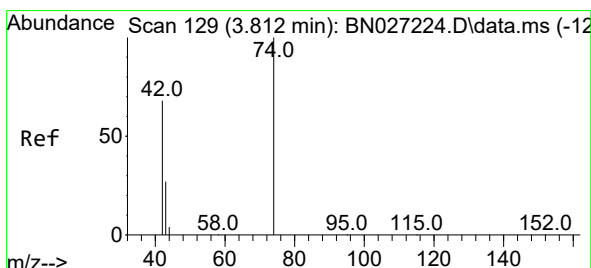
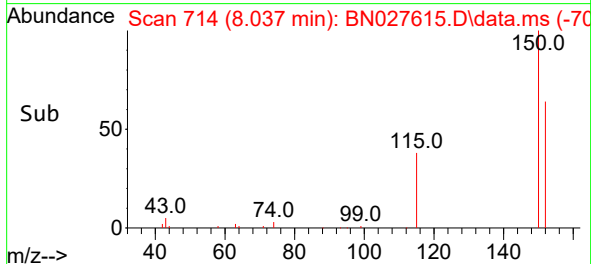
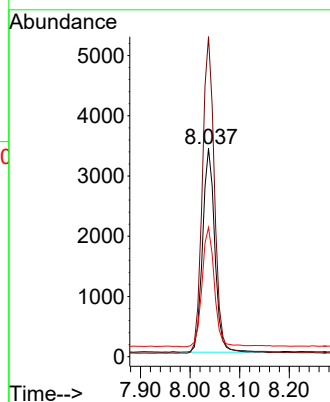


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.037 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: BN027615.D  
Acq: 12 Sep 2023 18:12

Instrument :  
BNA\_N  
ClientSampleId :  
EB01-090123

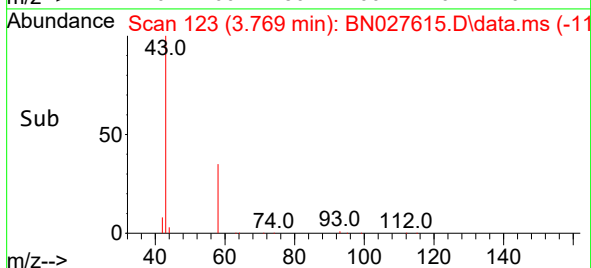
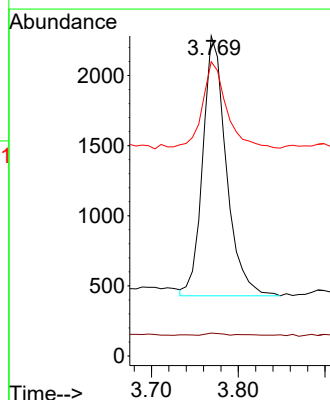
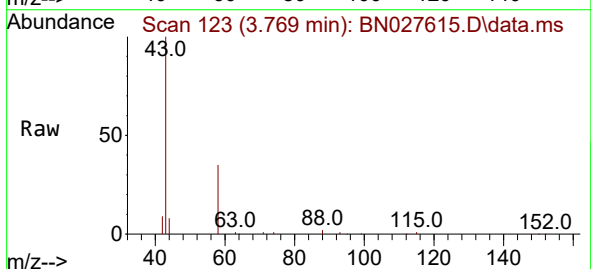


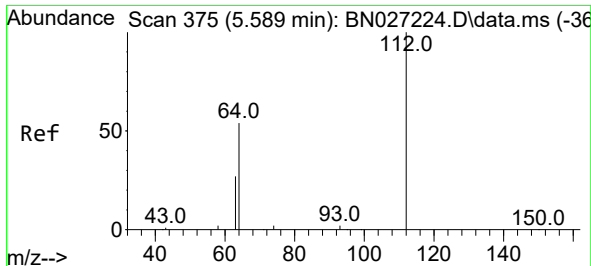
Tgt Ion:152 Resp: 5799  
Ion Ratio Lower Upper  
152 100  
150 153.6 122.7 184.1  
115 62.1 48.6 73.0



#3  
n-Nitrosodimethylamine  
Concen: 0.465 ng  
RT: 3.769 min Scan# 123  
Delta R.T. -0.051 min  
Lab File: BN027615.D  
Acq: 12 Sep 2023 18:12

Tgt Ion: 42 Resp: 3493  
Ion Ratio Lower Upper  
42 100  
74 0.7 113.8 170.8#  
44 33.6 7.3 10.9#





#4

2-Fluorophenol

Concen: 0.108 ng

RT: 5.574 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN027615.D

Acq: 12 Sep 2023 18:12

Instrument :

BNA\_N

ClientSampleId :

EB01-090123

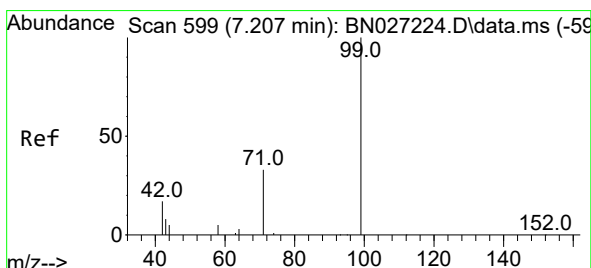
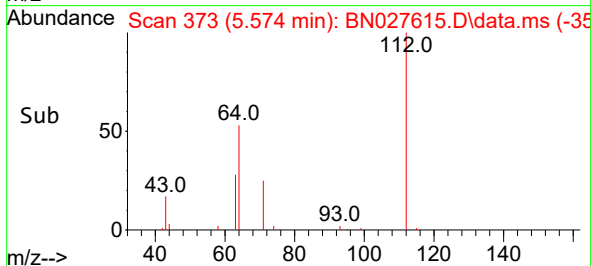
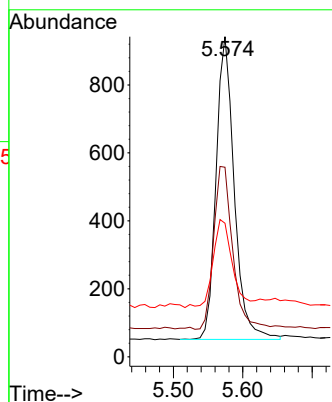
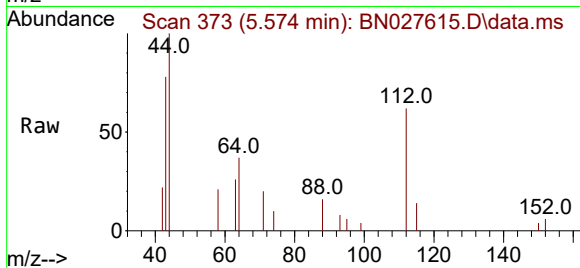
Tgt Ion:112 Resp: 1627

Ion Ratio Lower Upper

112 100

64 57.7 44.4 66.6

63 31.0 23.1 34.7



#5

Phenol-d6

Concen: 0.056 ng

RT: 7.185 min Scan# 596

Delta R.T. 0.000 min

Lab File: BN027615.D

Acq: 12 Sep 2023 18:12

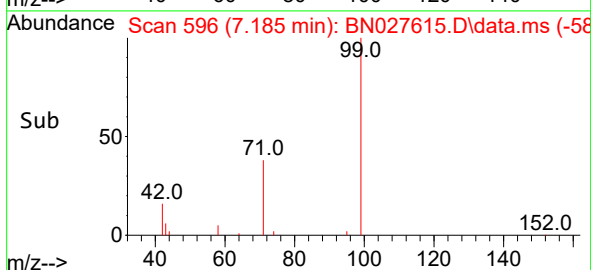
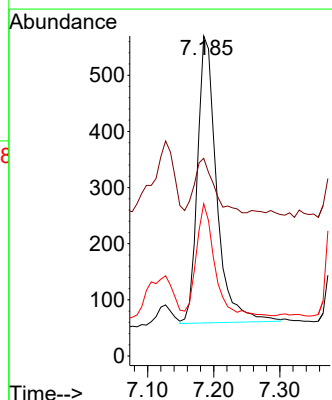
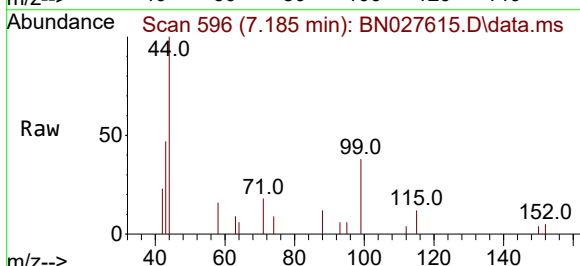
Tgt Ion: 99 Resp: 1029

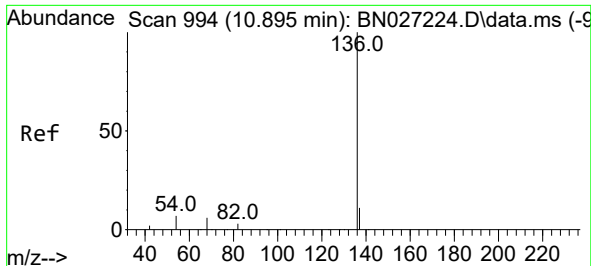
Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 36.6 25.8 38.6

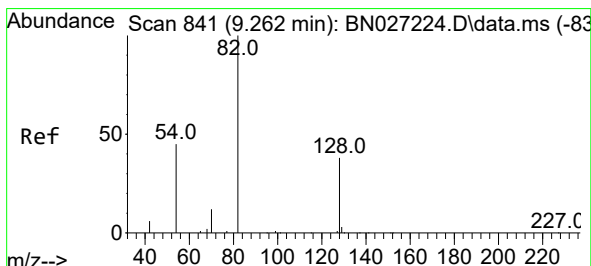
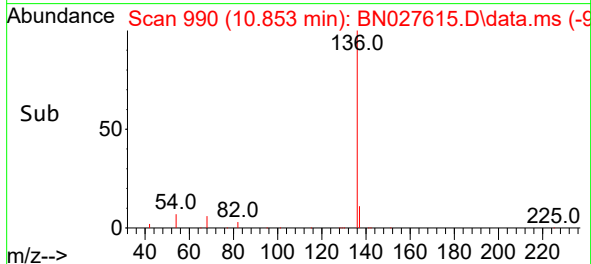
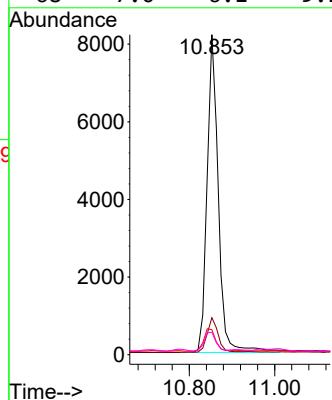
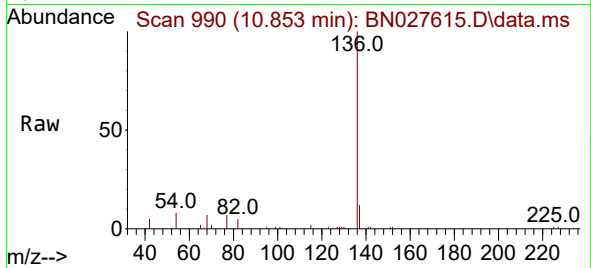




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.853 min Scan# 994  
Delta R.T. 0.000 min  
Lab File: BN027615.D  
Acq: 12 Sep 2023 18:12

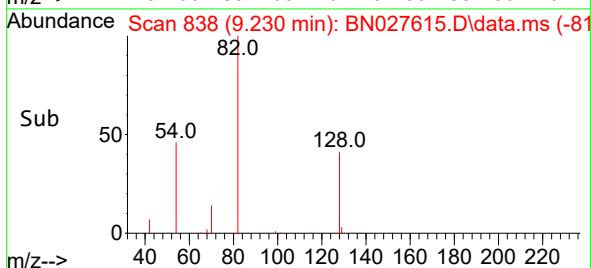
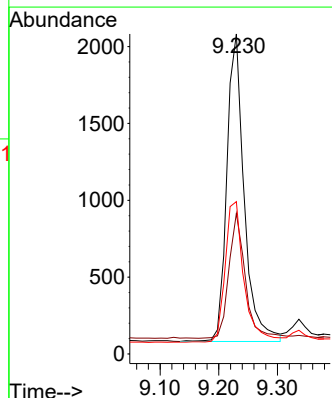
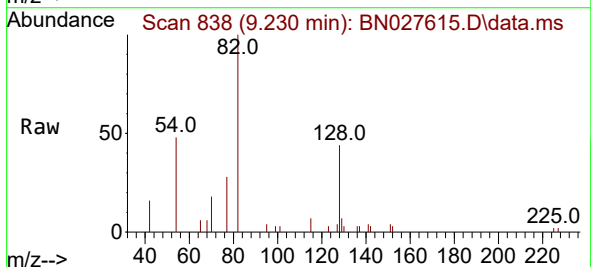
Instrument :  
BNA\_N  
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EB01-090123

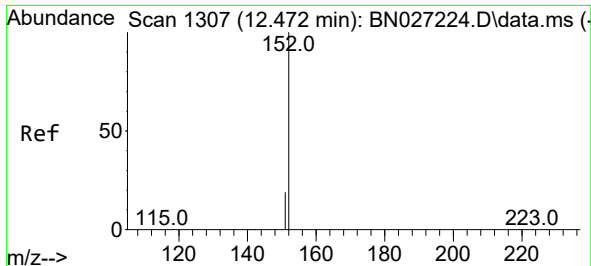
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 14996 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.5  | 9.3   | 13.9  |
| 54        | 7.8   | 6.7   | 10.1  |
| 68        | 7.0   | 6.1   | 9.1   |



#8  
Nitrobenzene-d5  
Concen: 0.375 ng  
RT: 9.230 min Scan# 838  
Delta R.T. 0.000 min  
Lab File: BN027615.D  
Acq: 12 Sep 2023 18:12

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 4097 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 43.9  | 33.4  | 50.0 |
| 54        | 47.6  | 37.7  | 56.5 |

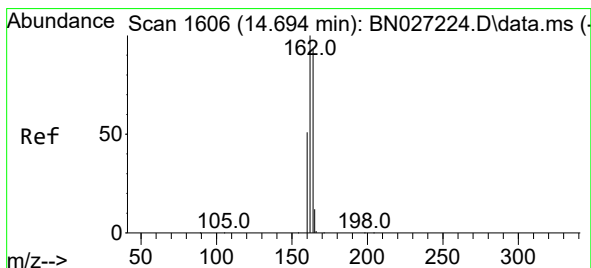
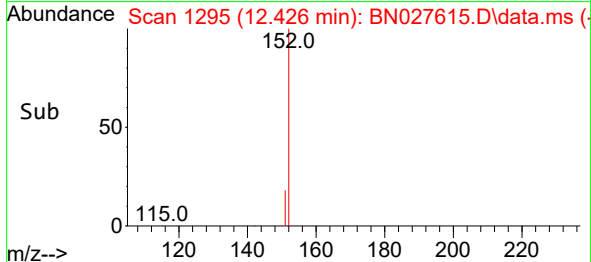
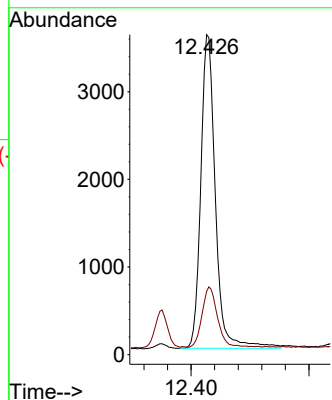
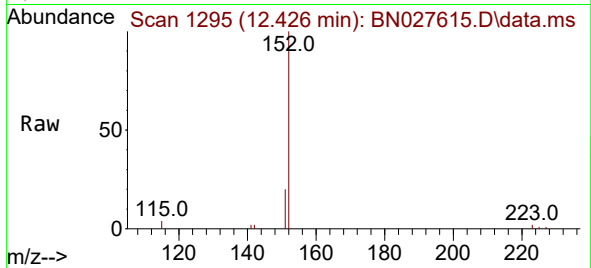




#11  
2-Methylnaphthalene-d10  
Concen: 0.279 ng  
RT: 12.426 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN027615.D  
Acq: 12 Sep 2023 18:12

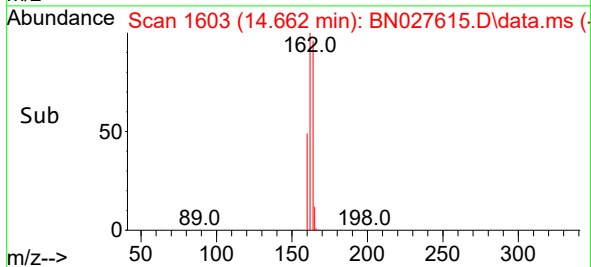
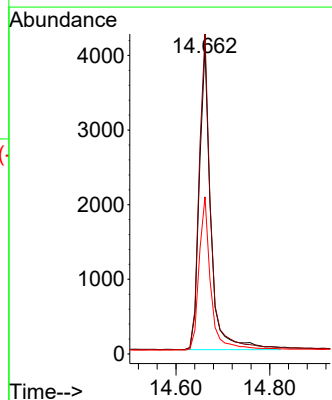
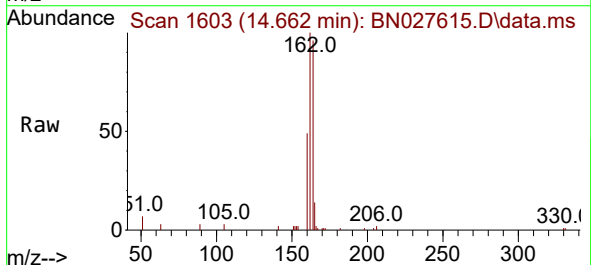
Instrument :  
BNA\_N  
ClientSampleId :  
EB01-090123

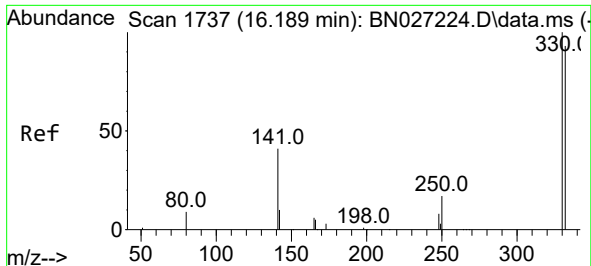
Tgt Ion:152 Resp: 6137  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.6 25.0



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.662 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: BN027615.D  
Acq: 12 Sep 2023 18:12

Tgt Ion:164 Resp: 6967  
Ion Ratio Lower Upper  
164 100  
162 104.4 85.8 128.8  
160 51.3 44.2 66.2

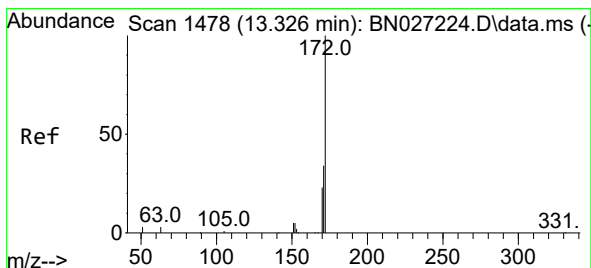
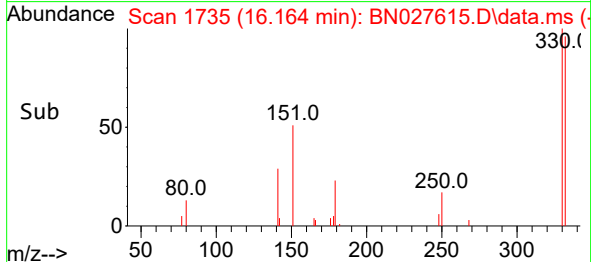
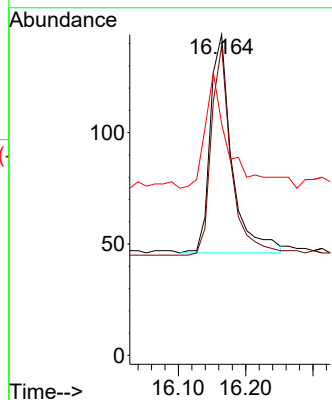
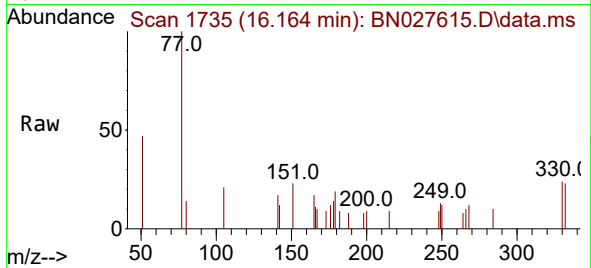




#14  
2,4,6-Tribromophenol  
Concen: 0.085 ng  
RT: 16.164 min Scan# 1735  
Delta R.T. 0.012 min  
Lab File: BN027615.D  
Acq: 12 Sep 2023 18:12

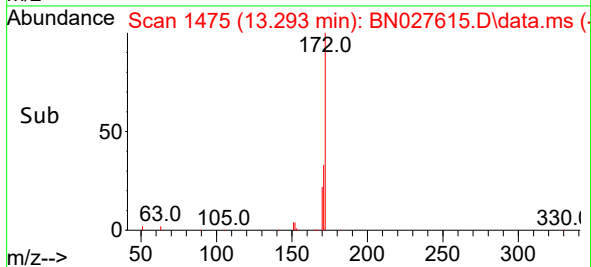
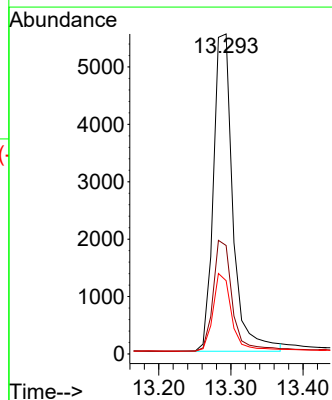
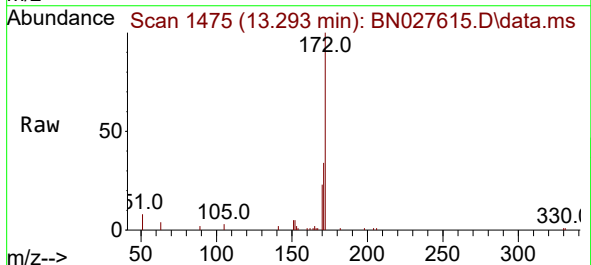
Instrument :  
BNA\_N  
ClientSampleId :  
EB01-090123

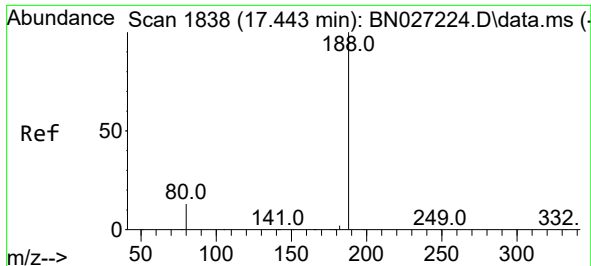
Tgt Ion:330 Resp: 218  
Ion Ratio Lower Upper  
330 100  
332 89.0 75.2 112.8  
141 55.0 36.2 54.4#



#15  
2-Fluorobiphenyl  
Concen: 0.392 ng  
RT: 13.293 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: BN027615.D  
Acq: 12 Sep 2023 18:12

Tgt Ion:172 Resp: 10379  
Ion Ratio Lower Upper  
172 100  
171 33.9 27.8 41.8  
170 22.9 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.418 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN027615.D

Acq: 12 Sep 2023 18:12

Instrument :

BNA\_N

ClientSampleId :

EB01-090123

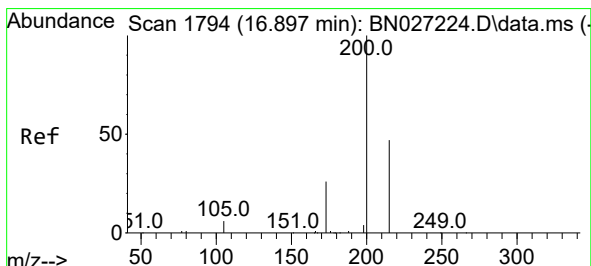
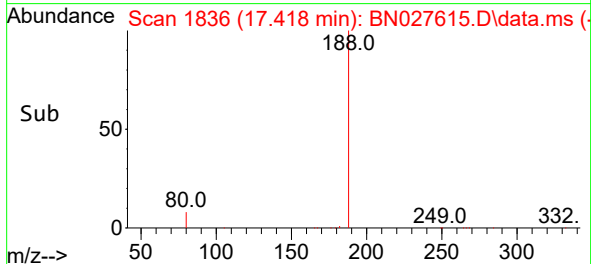
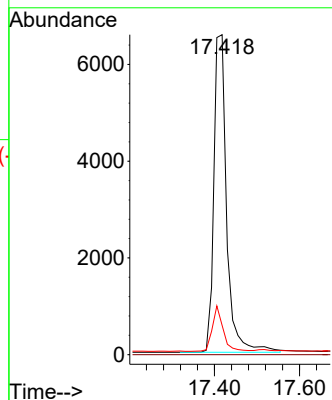
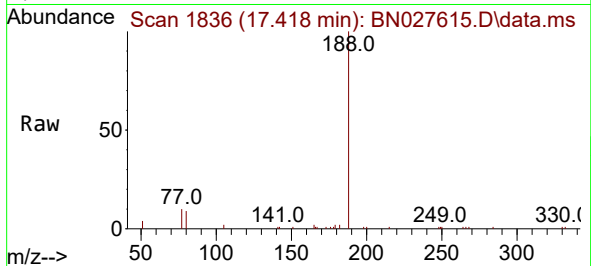
Tgt Ion:188 Resp: 13739

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.2 11.0 16.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.020 ng

RT: 16.859 min Scan# 1791

Delta R.T. 0.000 min

Lab File: BN027615.D

Acq: 12 Sep 2023 18:12

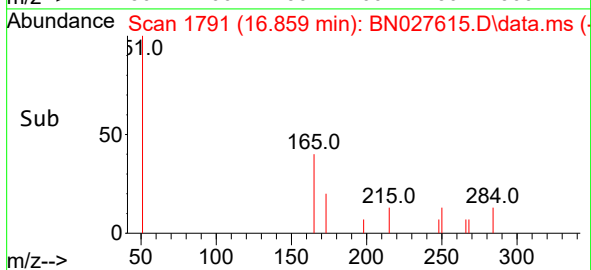
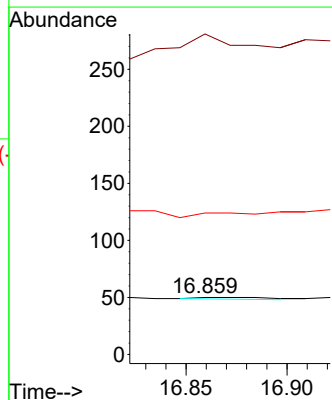
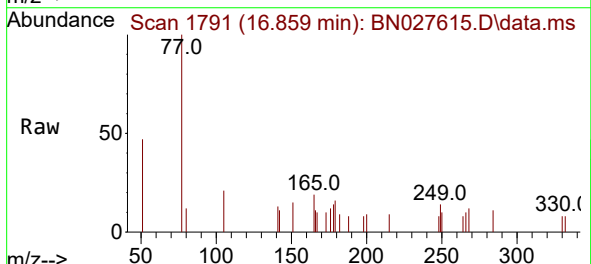
Tgt Ion:198 Resp: 4

Ion Ratio Lower Upper

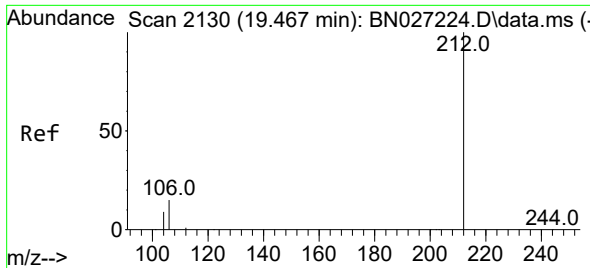
198 100

51 562.0 282.2 423.2#

105 248.0 168.7 253.1



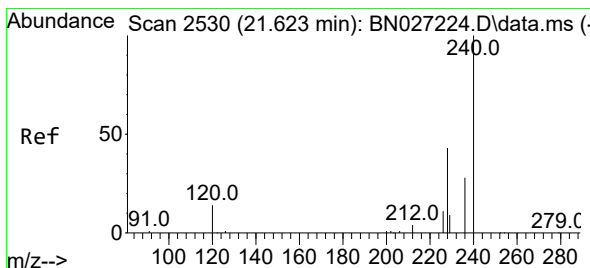
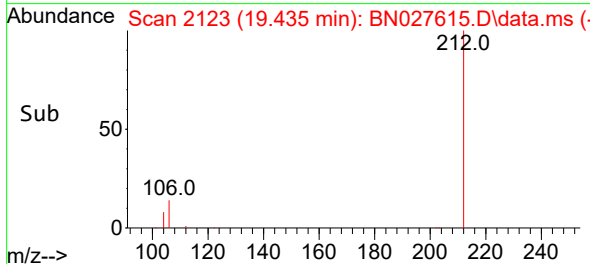
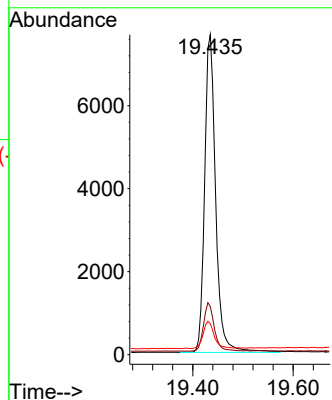
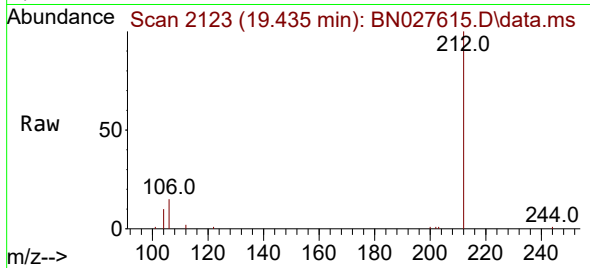




#27  
Fluoranthene-d10  
Concen: 0.342 ng  
RT: 19.435 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: BN027615.D  
Acq: 12 Sep 2023 18:12

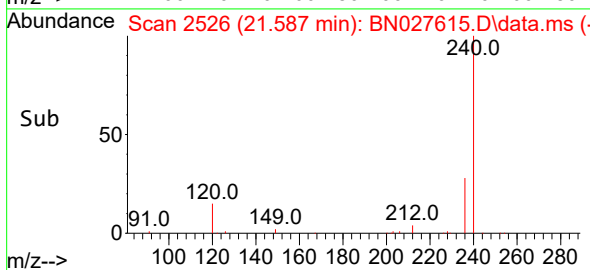
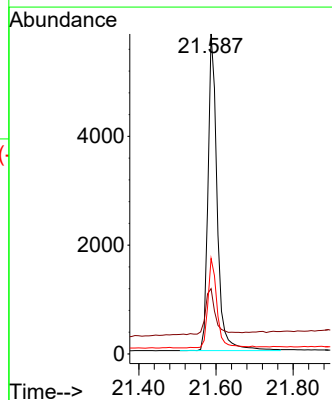
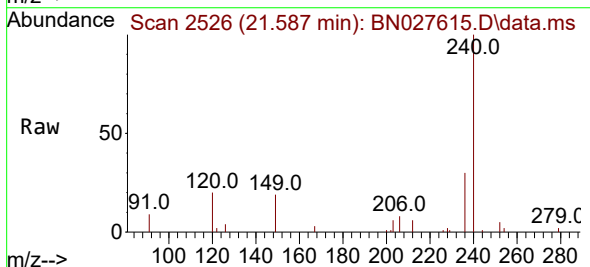
Instrument :  
BNA\_N  
ClientSampleId :  
EB01-090123

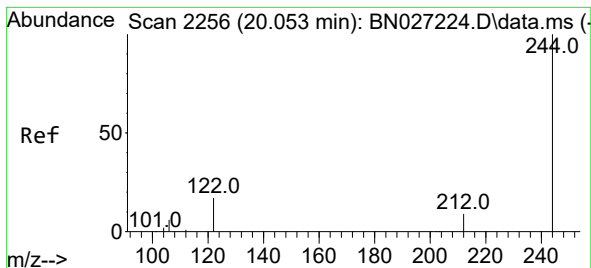
Tgt Ion:212 Resp: 11687  
Ion Ratio Lower Upper  
212 100  
106 15.0 12.1 18.1  
104 8.5 6.9 10.3



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.587 min Scan# 2526  
Delta R.T. 0.000 min  
Lab File: BN027615.D  
Acq: 12 Sep 2023 18:12

Tgt Ion:240 Resp: 9631  
Ion Ratio Lower Upper  
240 100  
120 20.4 14.2 21.4  
236 29.9 22.9 34.3





#31

Terphenyl-d14

Concen: 0.551 ng

RT: 20.020 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027615.D

Acq: 12 Sep 2023 18:12

Instrument :

BNA\_N

ClientSampleId :

EB01-090123

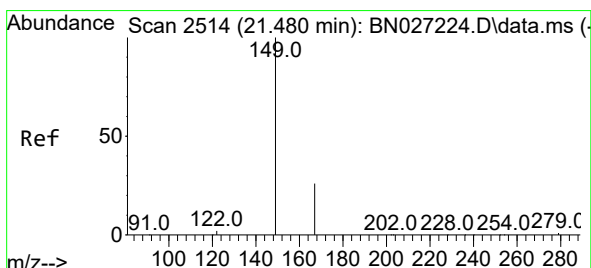
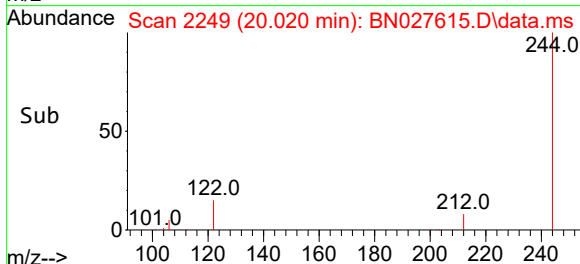
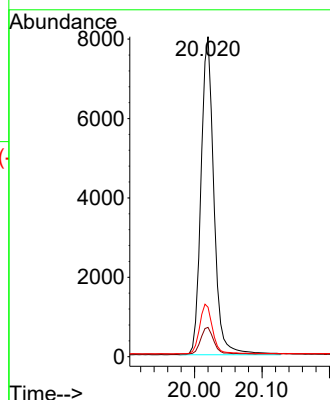
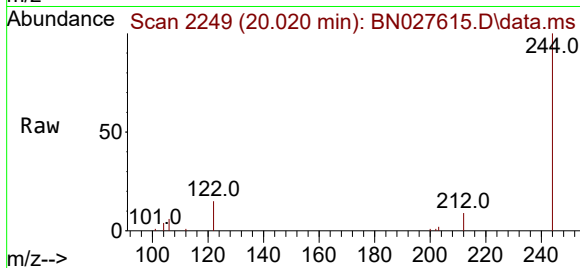
Tgt Ion:244 Resp: 10653

Ion Ratio Lower Upper

244 100

212 9.2 7.5 11.3

122 15.5 14.0 21.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.092 ng

RT: 21.444 min Scan# 2510

Delta R.T. 0.000 min

Lab File: BN027615.D

Acq: 12 Sep 2023 18:12

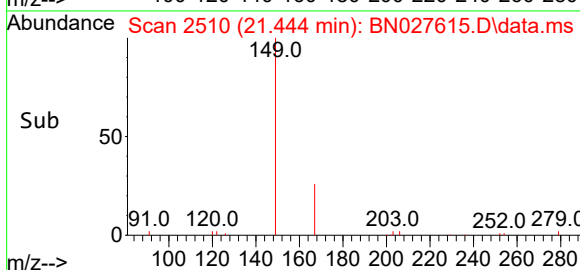
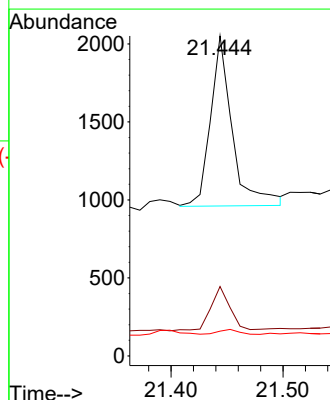
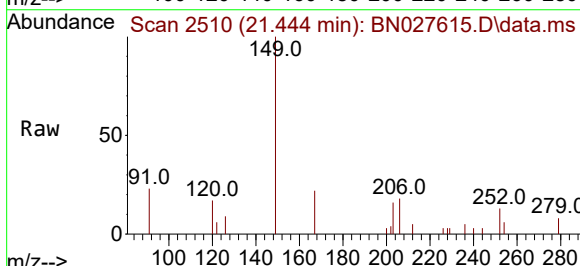
Tgt Ion:149 Resp: 1471

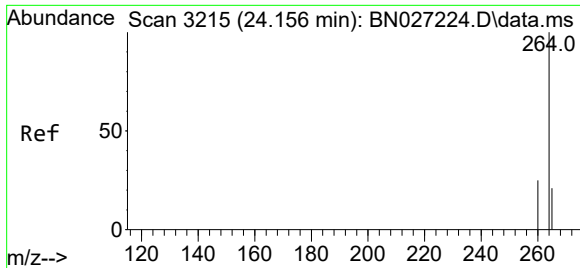
Ion Ratio Lower Upper

149 100

167 23.4 22.1 33.1

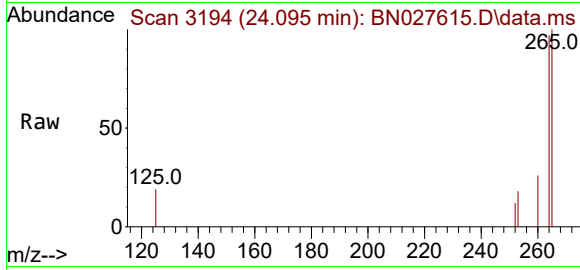
279 2.8 2.7 4.1





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.095 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: BN027615.D  
 Acq: 12 Sep 2023 18:12

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EB01-090123



Tgt Ion: 264 Resp: 9053

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.0  | 20.7  | 31.1  |
| 265 | 103.3 | 53.3  | 79.9  |

