

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092124\  
 Data File : BN034115.D  
 Acq On : 21 Sep 2024 08:42  
 Operator : JU/RC  
 Sample : P4116-10  
 Misc :  
 ALS Vial : 78 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT15811-20240916

Quant Time: Sep 22 23:57:02 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 18 16:09:28 2024  
 Response via : Initial Calibration

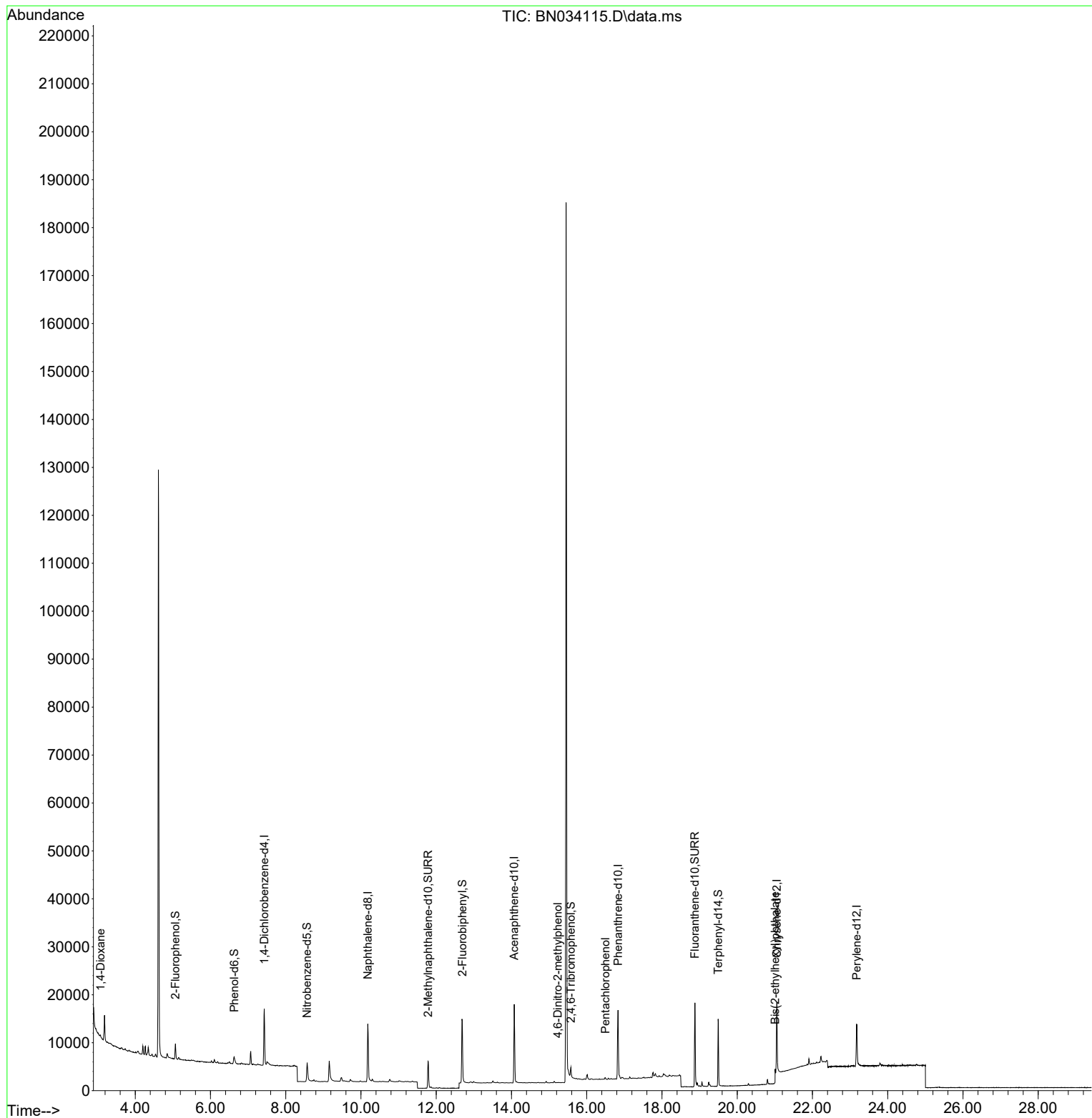
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.430  | 152  | 5821     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.180 | 136  | 16502    | 0.400 | ng    | #-0.02   |
| 13) Acenaphthene-d10          | 14.072 | 164  | 9264     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.833 | 188  | 19844    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.053 | 240  | 14332    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.174 | 264  | 11775    | 0.400 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.069  | 112  | 2379     | 0.144 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.629  | 99   | 1496     | 0.078 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.568  | 82   | 3988     | 0.316 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.784 | 152  | 8295     | 0.340 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.579 | 330  | 1218     | 0.290 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.693 | 172  | 13390    | 0.355 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.876 | 212  | 19747    | 0.394 | ng    | -0.01    |
| 31) Terphenyl-d14             | 19.494 | 244  | 13182    | 0.461 | ng    | -0.01    |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.075  | 88   | 251      | 0.034 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.227 | 198  | 36       | 0.147 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.498 | 266  | 233      | 0.056 | ng    | 94       |
| 34) Bis(2-ethylhexyl)phtha... | 21.008 | 149  | 1688     | 0.089 | ng    | # 81     |
| -----                         |        |      |          |       |       |          |

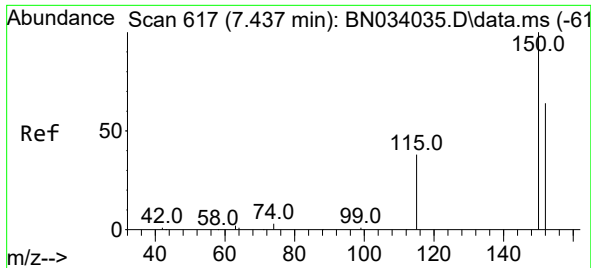
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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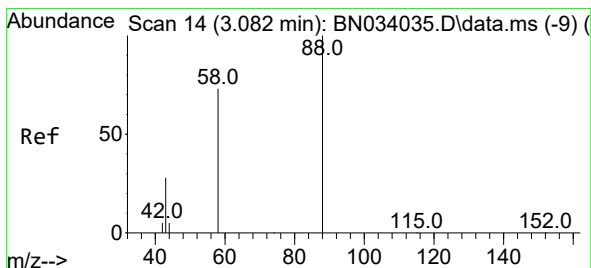
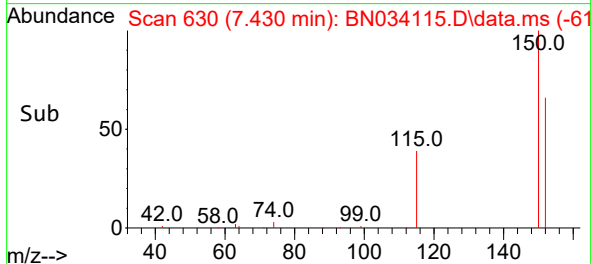
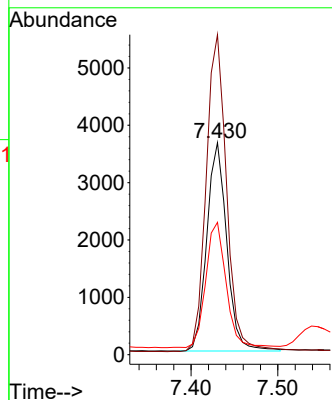
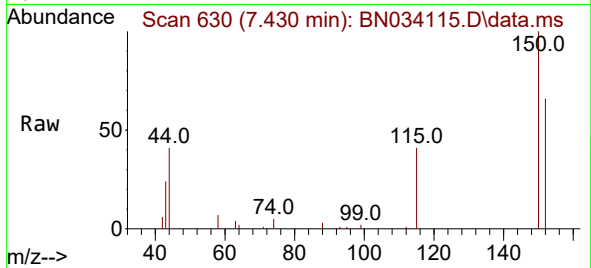




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.430 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN034115.D  
 Acq: 21 Sep 2024 08:42

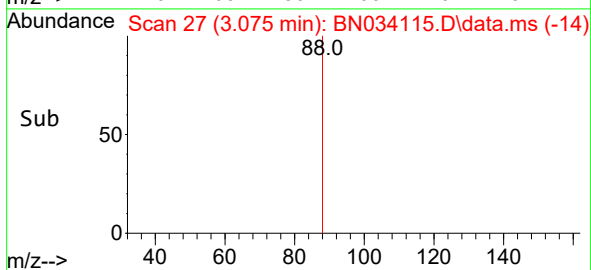
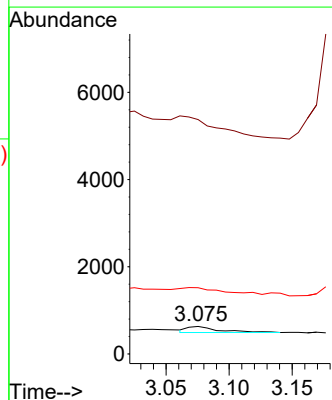
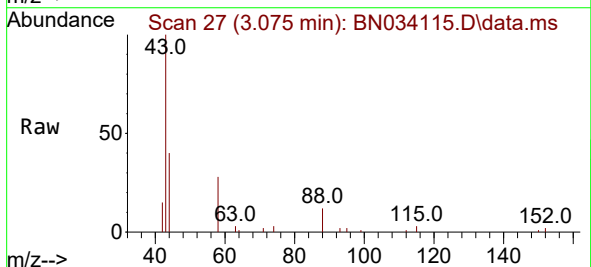
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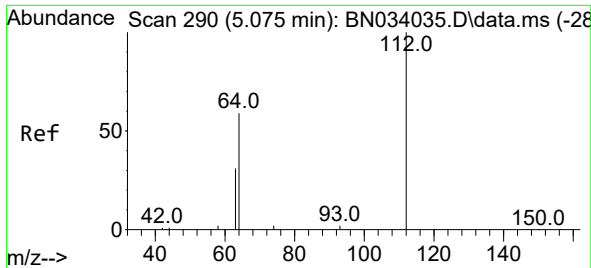
Tgt Ion:152 Resp: 5821  
 Ion Ratio Lower Upper  
 152 100  
 150 151.0 124.6 187.0  
 115 62.4 50.0 75.0



#2  
 1,4-Dioxane  
 Concen: 0.034 ng  
 RT: 3.075 min Scan# 27  
 Delta R.T. -0.006 min  
 Lab File: BN034115.D  
 Acq: 21 Sep 2024 08:42

Tgt Ion: 88 Resp: 251  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 25.8 38.8#  
 58 224.7 58.8 88.2#





#4

2-Fluorophenol

Concen: 0.144 ng

RT: 5.069 min Scan# 303

Delta R.T. -0.006 min

Lab File: BN034115.D

Acq: 21 Sep 2024 08:42

Instrument :

BNA\_N

ClientSampleId :

TT15811-20240916

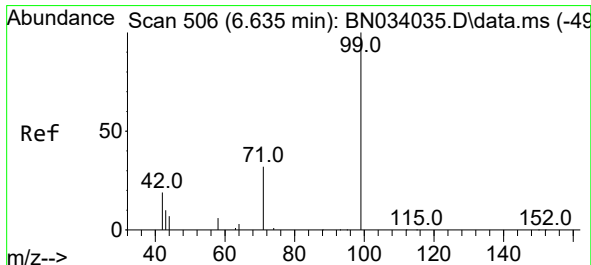
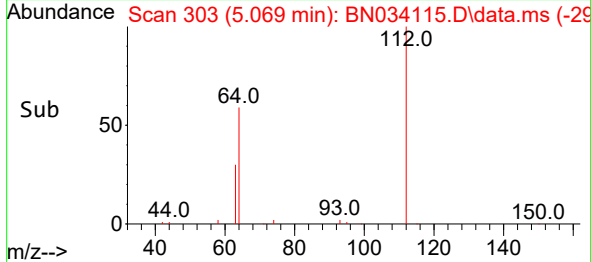
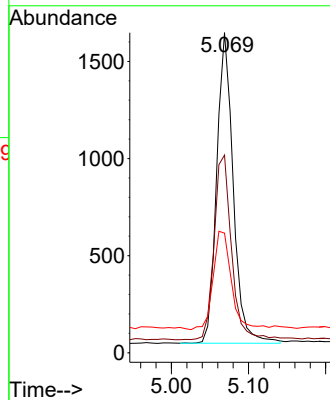
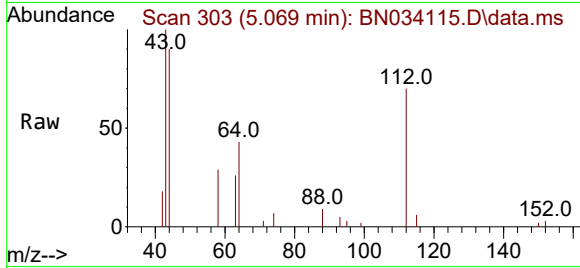
Tgt Ion:112 Resp: 2379

Ion Ratio Lower Upper

112 100

64 62.8 48.6 72.8

63 35.1 25.6 38.4



#5

Phenol-d6

Concen: 0.078 ng

RT: 6.629 min Scan# 519

Delta R.T. -0.006 min

Lab File: BN034115.D

Acq: 21 Sep 2024 08:42

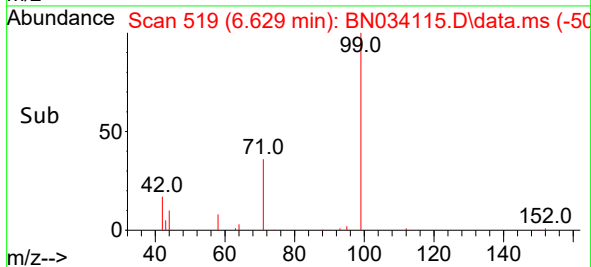
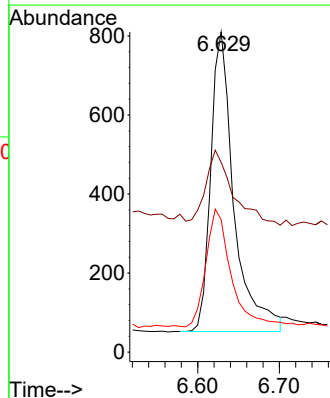
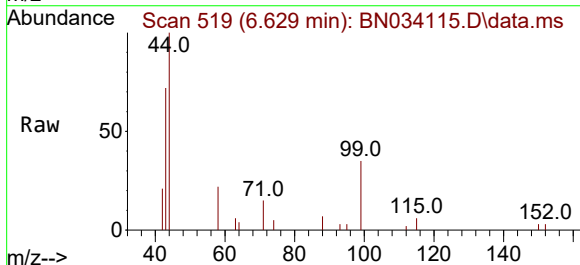
Tgt Ion: 99 Resp: 1496

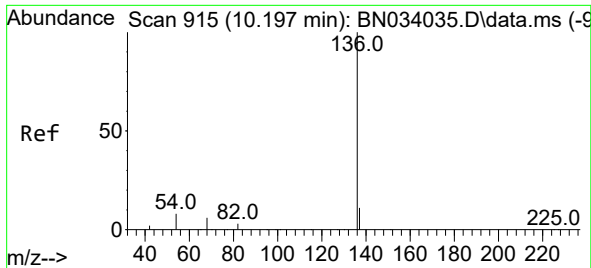
Ion Ratio Lower Upper

99 100

42 29.7 17.8 26.8#

71 41.9 26.2 39.2#

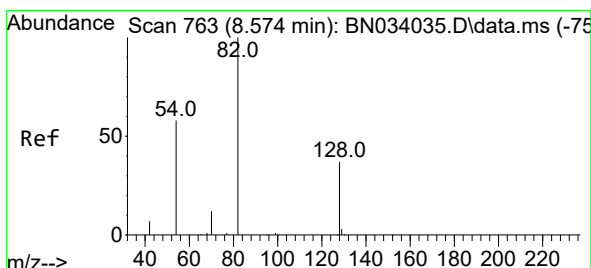
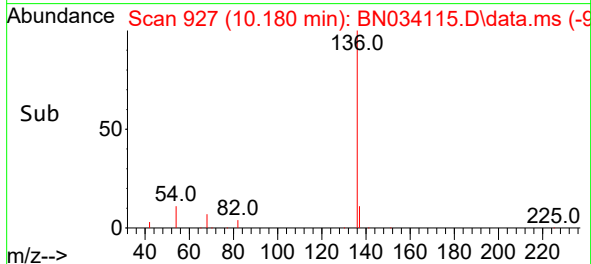
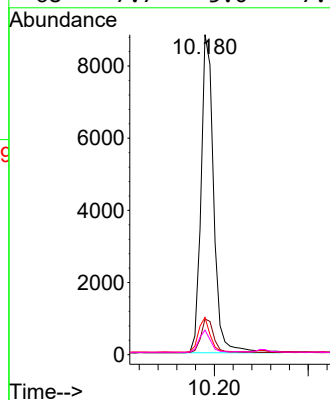
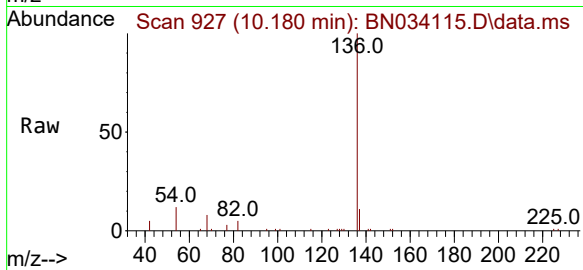




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.180 min Scan# 915  
Delta R.T. -0.017 min  
Lab File: BN034115.D  
Acq: 21 Sep 2024 08:42

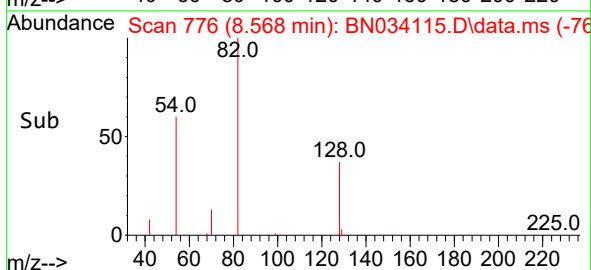
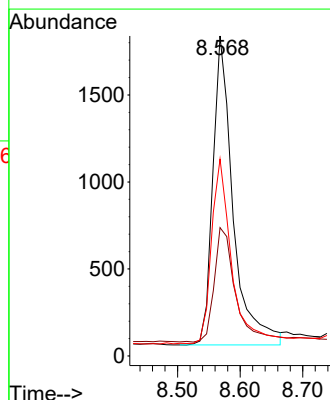
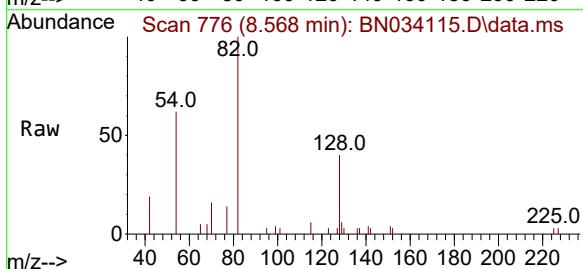
Instrument :  
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TT15811-20240916

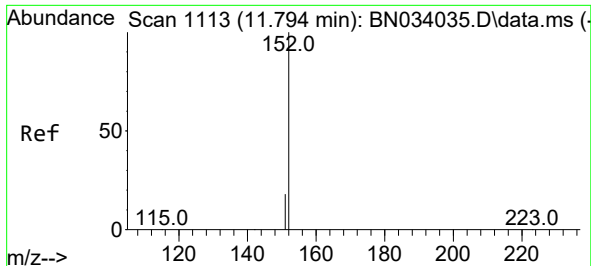
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 16502 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.2  | 9.0   | 13.6  |
| 54        | 11.6  | 6.8   | 10.2# |
| 68        | 7.7   | 5.0   | 7.6#  |



#8  
Nitrobenzene-d5  
Concen: 0.316 ng  
RT: 8.568 min Scan# 776  
Delta R.T. -0.006 min  
Lab File: BN034115.D  
Acq: 21 Sep 2024 08:42

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3988 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 40.1  | 31.4  | 47.2 |
| 54        | 61.6  | 47.4  | 71.0 |

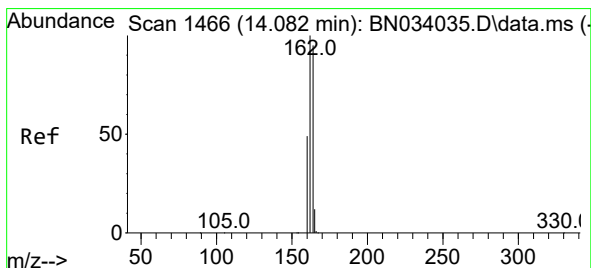
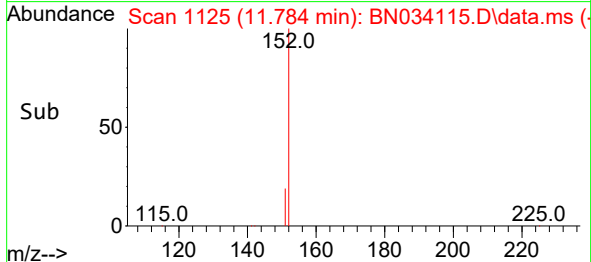
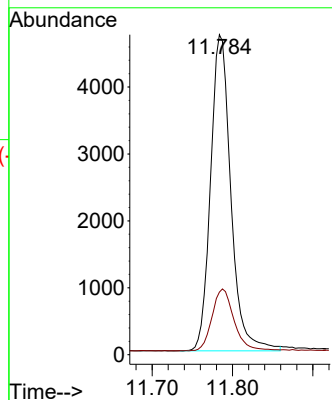
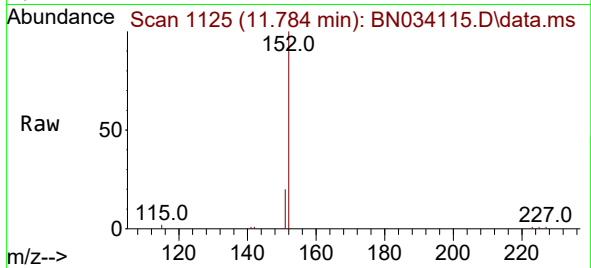




#11  
2-Methylnaphthalene-d10  
Concen: 0.340 ng  
RT: 11.784 min Scan# 1113  
Delta R.T. -0.010 min  
Lab File: BN034115.D  
Acq: 21 Sep 2024 08:42

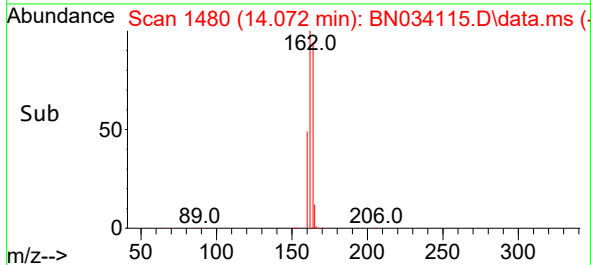
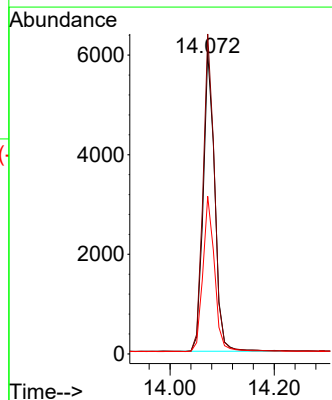
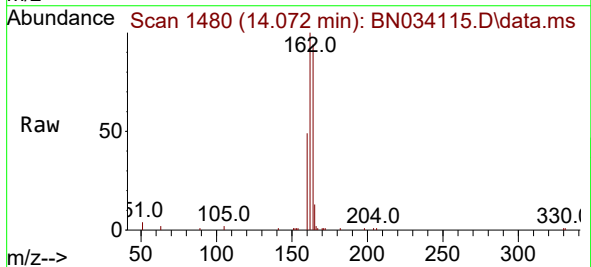
Instrument :  
BNA\_N  
ClientSampleId :  
TT15811-20240916

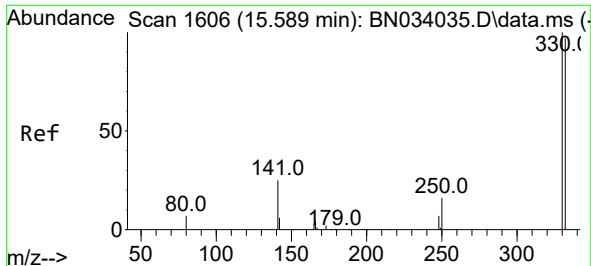
Tgt Ion:152 Resp: 8295  
Ion Ratio Lower Upper  
152 100  
151 21.3 16.8 25.2



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.072 min Scan# 1480  
Delta R.T. -0.009 min  
Lab File: BN034115.D  
Acq: 21 Sep 2024 08:42

Tgt Ion:164 Resp: 9264  
Ion Ratio Lower Upper  
164 100  
162 106.0 84.2 126.2  
160 52.2 41.7 62.5

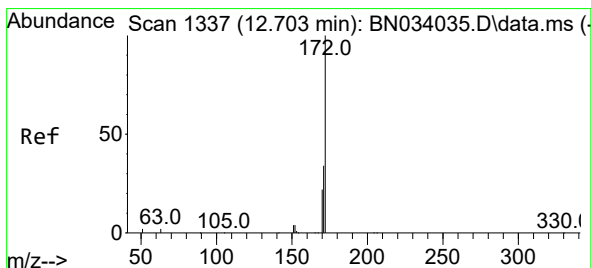
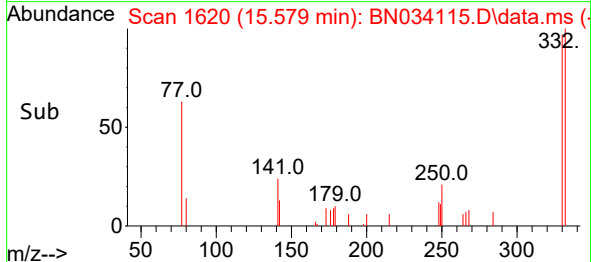
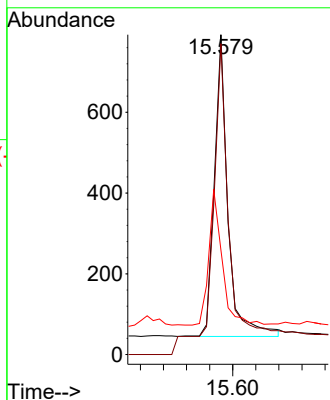
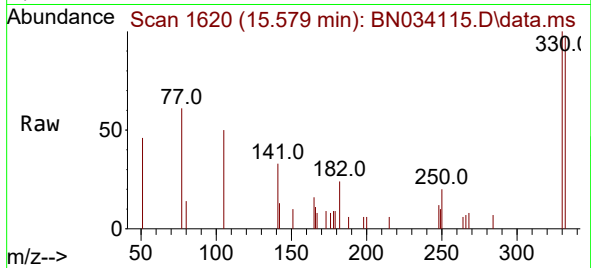




#14  
2,4,6-Tribromophenol  
Concen: 0.290 ng  
RT: 15.579 min Scan# 1  
Delta R.T. -0.009 min  
Lab File: BN034115.D  
Acq: 21 Sep 2024 08:42

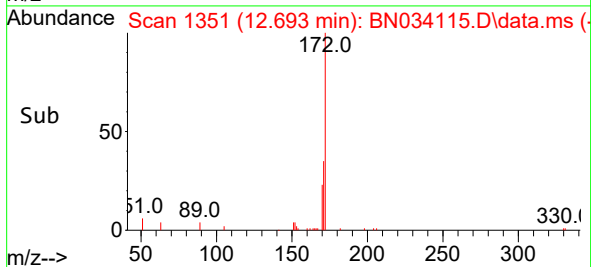
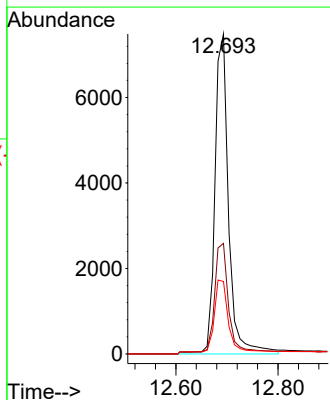
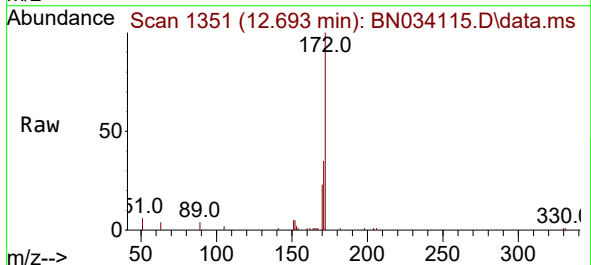
Instrument :  
BNA\_N  
ClientSampleId :  
TT15811-20240916

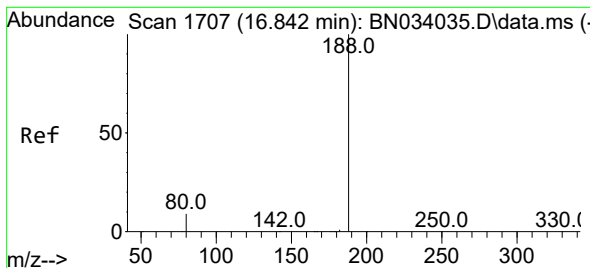
Tgt Ion:330 Resp: 1218  
Ion Ratio Lower Upper  
330 100  
332 94.7 77.4 116.0  
141 44.4 35.9 53.9



#15  
2-Fluorobiphenyl  
Concen: 0.355 ng  
RT: 12.693 min Scan# 1351  
Delta R.T. -0.009 min  
Lab File: BN034115.D  
Acq: 21 Sep 2024 08:42

Tgt Ion:172 Resp: 13390  
Ion Ratio Lower Upper  
172 100  
171 34.5 27.3 40.9  
170 22.6 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.833 min Scan# 1

Delta R.T. -0.009 min

Lab File: BN034115.D

Acq: 21 Sep 2024 08:42

Instrument :

BNA\_N

ClientSampleId :

TT15811-20240916

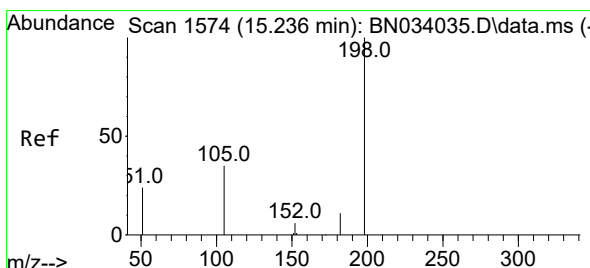
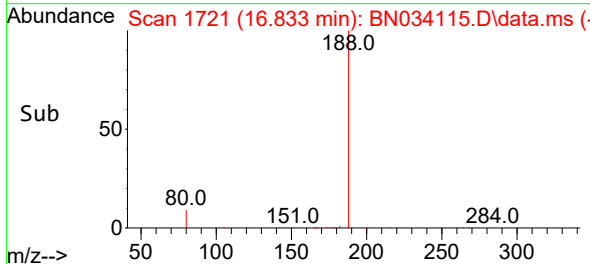
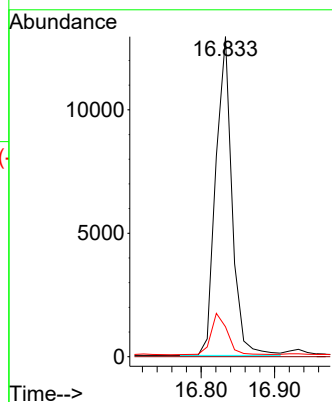
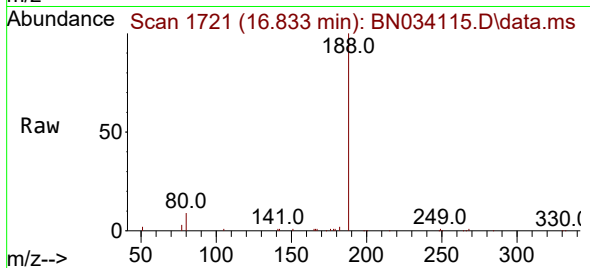
Tgt Ion:188 Resp: 19844

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.3 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.147 ng

RT: 15.227 min Scan# 1588

Delta R.T. -0.009 min

Lab File: BN034115.D

Acq: 21 Sep 2024 08:42

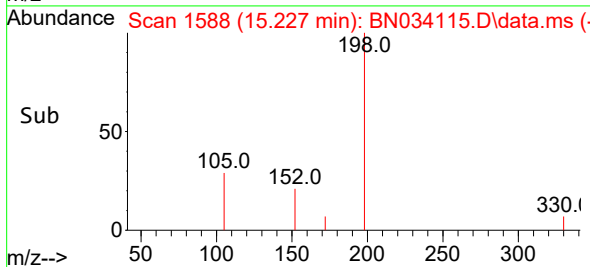
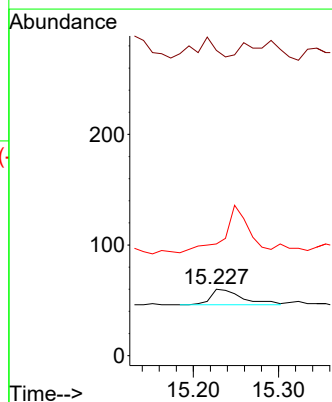
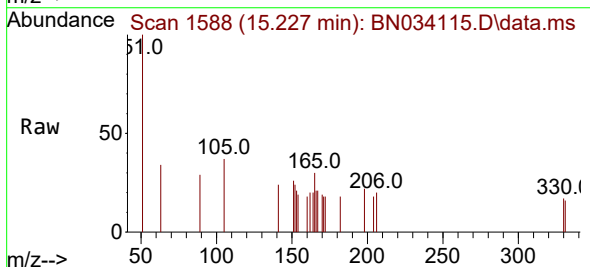
Tgt Ion:198 Resp: 36

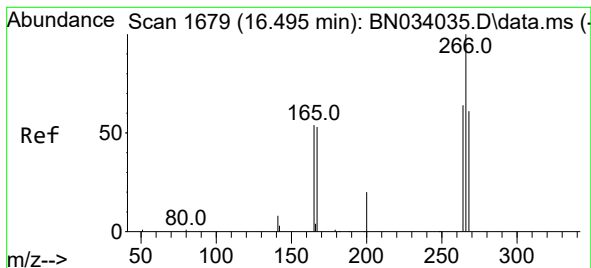
Ion Ratio Lower Upper

198 100

51 460.0 106.4 159.6#

105 168.3 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.056 ng

RT: 16.498 min Scan# 1

Delta R.T. 0.003 min

Lab File: BN034115.D

Acq: 21 Sep 2024 08:42

Instrument :

BNA\_N

ClientSampleId :

TT15811-20240916

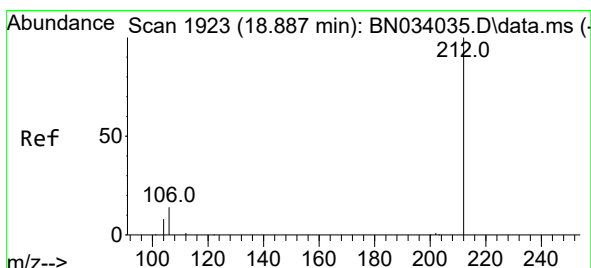
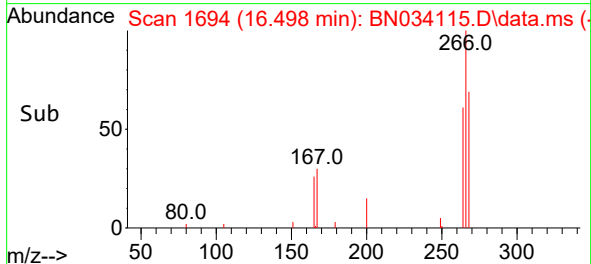
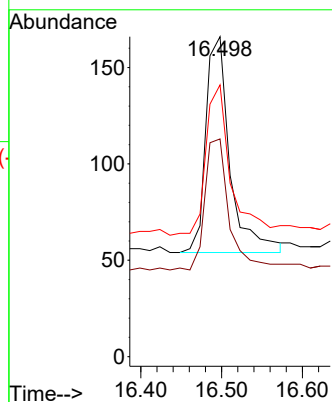
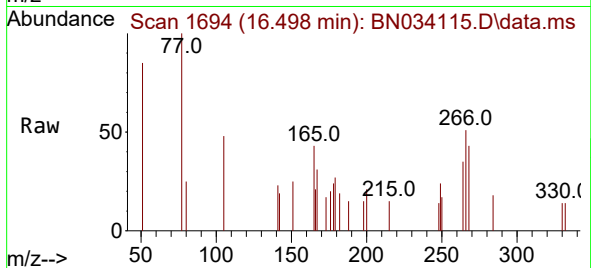
Tgt Ion:266 Resp: 233

Ion Ratio Lower Upper

266 100

264 61.8 50.2 75.2

268 72.1 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.394 ng

RT: 18.876 min Scan# 1935

Delta R.T. -0.011 min

Lab File: BN034115.D

Acq: 21 Sep 2024 08:42

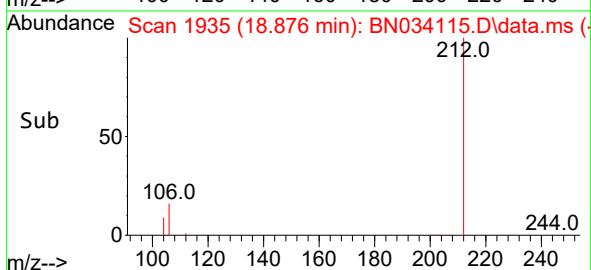
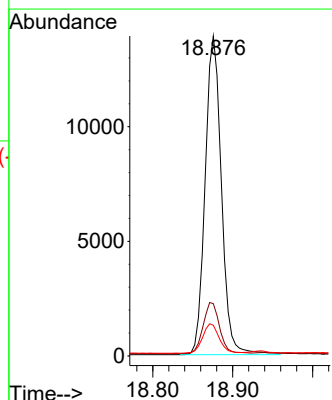
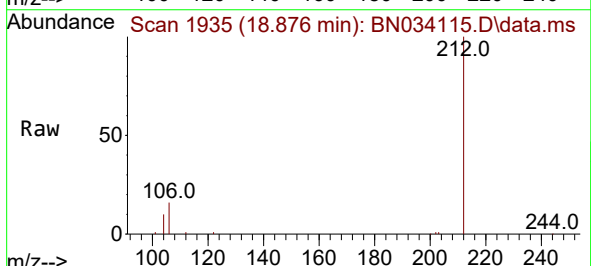
Tgt Ion:212 Resp: 19747

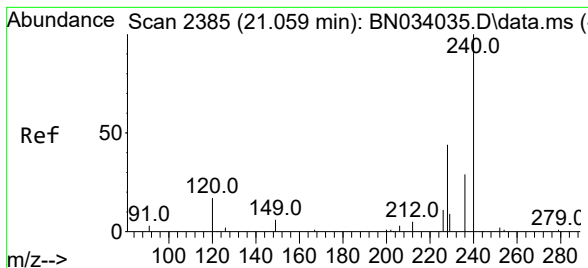
Ion Ratio Lower Upper

212 100

106 16.2 13.4 20.2

104 9.5 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.053 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN034115.D

Acq: 21 Sep 2024 08:42

Instrument :

BNA\_N

ClientSampleId :

TT15811-20240916

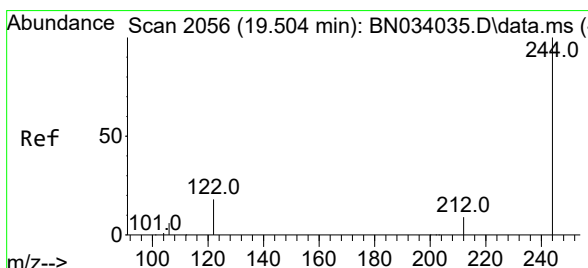
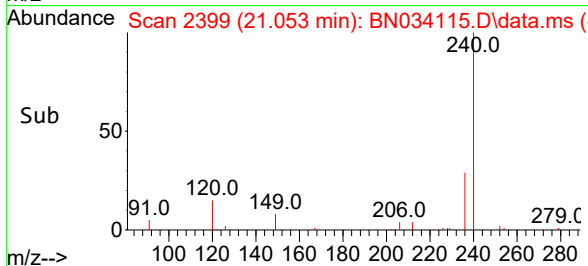
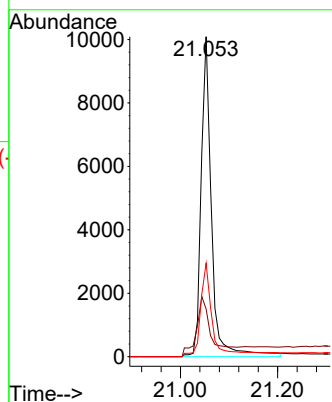
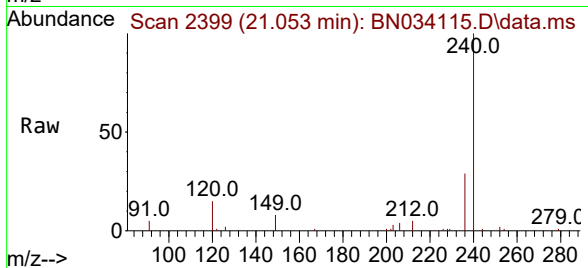
Tgt Ion:240 Resp: 14332

Ion Ratio Lower Upper

240 100

120 14.9 13.5 20.3

236 29.2 23.4 35.0



#31

Terphenyl-d14

Concen: 0.461 ng

RT: 19.494 min Scan# 2068

Delta R.T. -0.011 min

Lab File: BN034115.D

Acq: 21 Sep 2024 08:42

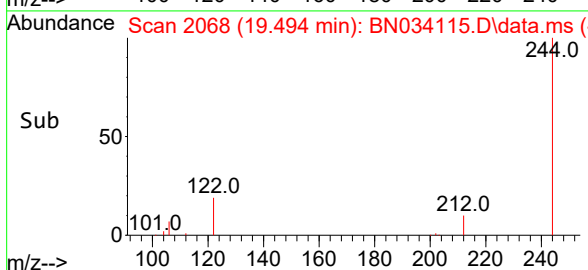
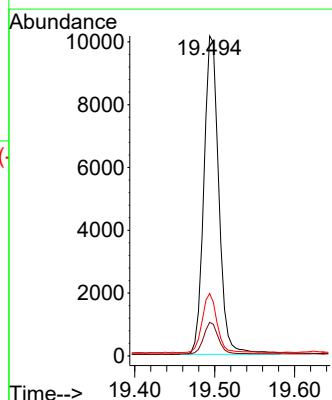
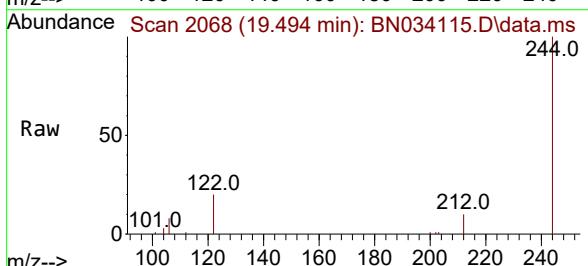
Tgt Ion:244 Resp: 13182

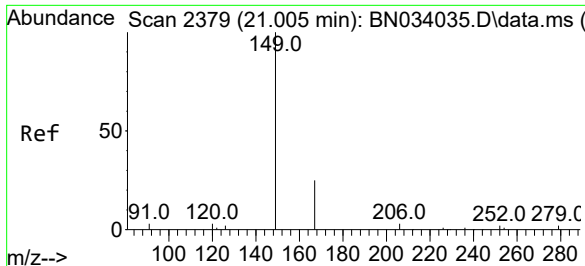
Ion Ratio Lower Upper

244 100

212 10.5 7.8 11.6

122 19.5 14.8 22.2

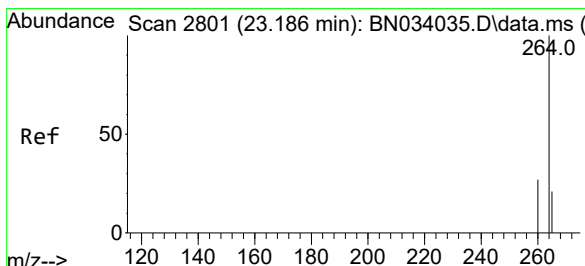
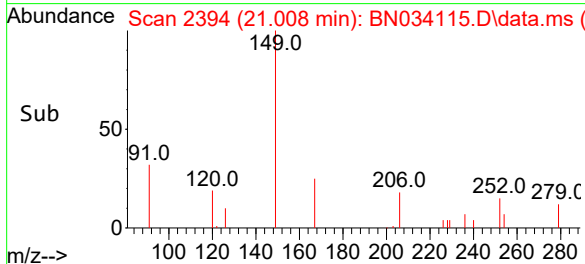
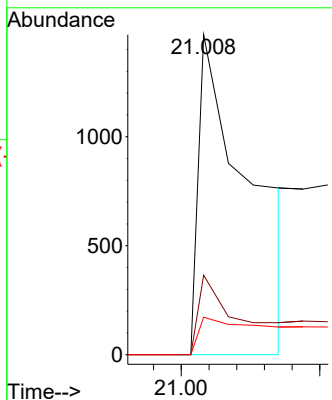
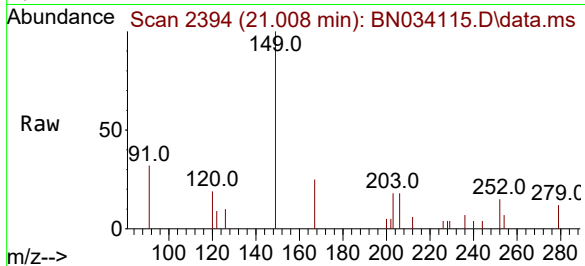




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.089 ng  
RT: 21.008 min Scan# 2113  
Delta R.T. 0.003 min  
Lab File: BN034115.D  
Acq: 21 Sep 2024 08:42

Instrument :  
BNA\_N  
ClientSampleId :  
TT15811-20240916

Tgt Ion:149 Resp: 1688  
Ion Ratio Lower Upper  
149 100  
167 16.6 19.9 29.9#  
279 14.8 4.6 6.8#



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.174 min Scan# 2813  
Delta R.T. -0.012 min  
Lab File: BN034115.D  
Acq: 21 Sep 2024 08:42

Tgt Ion:264 Resp: 11775  
Ion Ratio Lower Upper  
264 100  
260 26.9 21.7 32.5  
265 71.6 52.1 78.1

