

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN083122\  
 Data File : BN021496.D  
 Acq On : 31 Aug 2022 18:28  
 Operator : CG/JU  
 Sample : N4297-14  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE131D2-20220821

Quant Time: Sep 01 03:21:11 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN082922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 29 16:30:43 2022  
 Response via : Initial Calibration

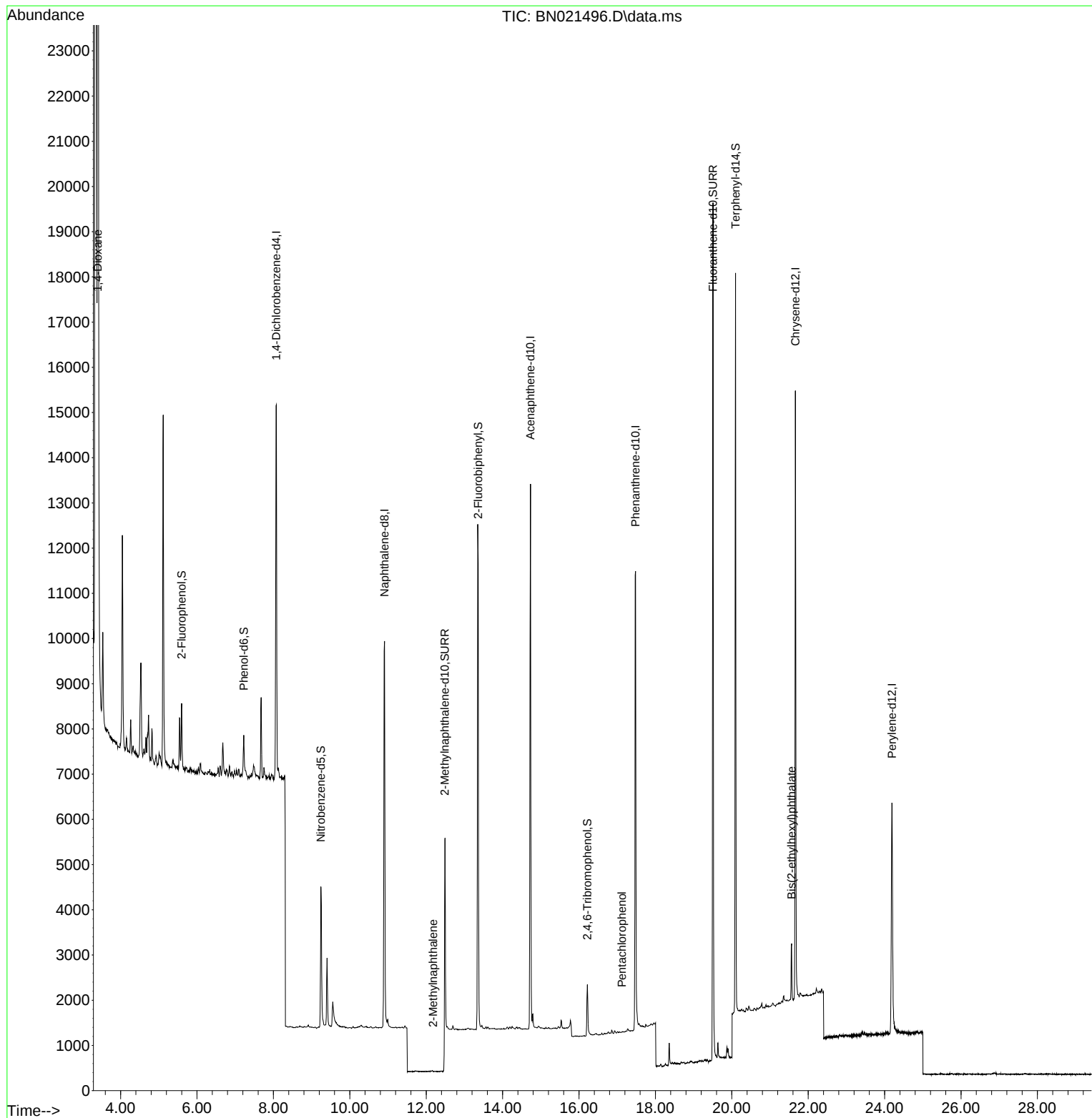
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.076  | 152  | 4129     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.909 | 136  | 12844    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.728 | 164  | 6907     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.480 | 188  | 15442    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.664 | 240  | 12299    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.191 | 264  | 8346     | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.599  | 112  | 1253     | 0.155 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.224  | 99   | 911      | 0.088 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.243  | 82   | 2909     | 0.335 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.490 | 152  | 11549    | 0.399 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.218 | 330  | 737      | 0.325 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.360 | 172  | 10845    | 0.359 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.506 | 212  | 20158    | 0.508 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.097 | 244  | 13967    | 0.505 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.403  | 88   | 45649    | 8.839 | ng    | # 89     |
| 12) 2-Methylnaphthalene       | 12.183 | 142  | 1        | 0.127 | ng    | # 1      |
| 24) Pentachlorophenol         | 17.121 | 266  | 9        | 0.205 | ng    | # 73     |
| 34) Bis(2-ethylhexyl)phtha... | 21.566 | 149  | 1314     | 0.076 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

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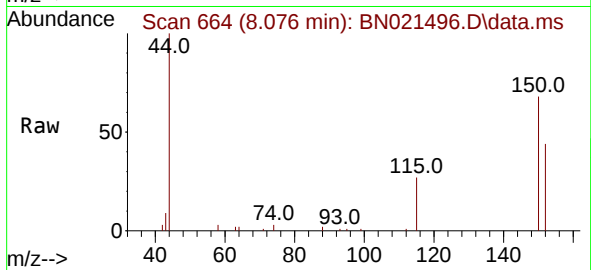
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN082922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 29 16:30:43 2022  
Response via : Initial Calibration



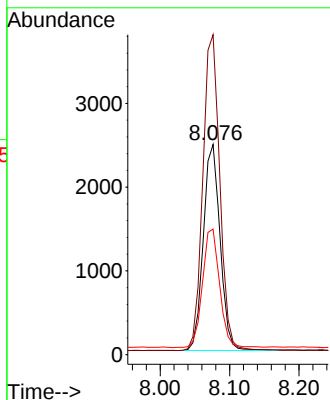
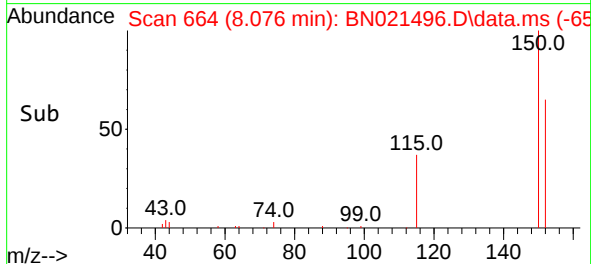


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.076 min Scan# 6  
 Delta R.T. -0.007 min  
 Lab File: BN021496.D  
 Acq: 31 Aug 2022 18:28

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE131D2-20220821

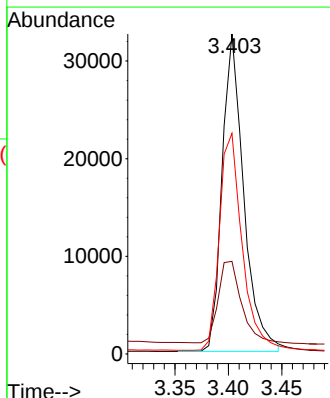
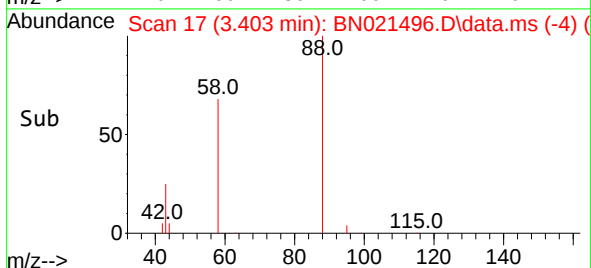
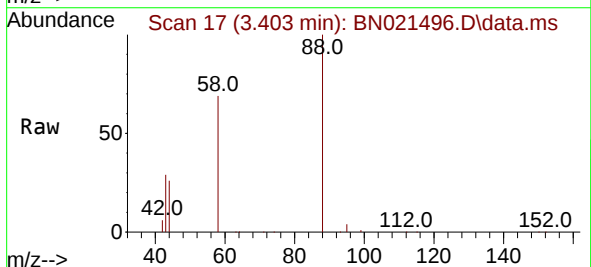


Tgt Ion:152 Resp: 4129  
 Ion Ratio Lower Upper  
 152 100  
 150 152.2 121.4 182.0  
 115 59.8 48.6 72.8



#2  
 1,4-Dioxane  
 Concen: 8.839 ng  
 RT: 3.403 min Scan# 17  
 Delta R.T. -0.007 min  
 Lab File: BN021496.D  
 Acq: 31 Aug 2022 18:28

Tgt Ion: 88 Resp: 45649  
 Ion Ratio Lower Upper  
 88 100  
 43 27.5 35.8 53.8#  
 58 71.8 57.1 85.7

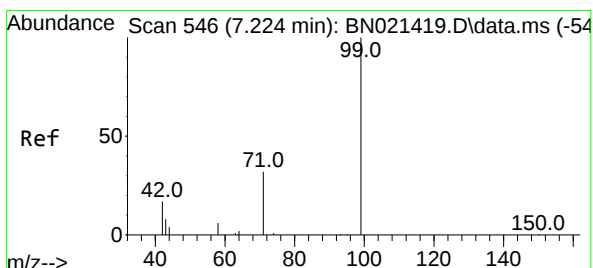
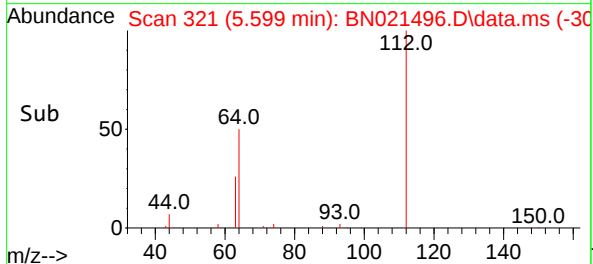
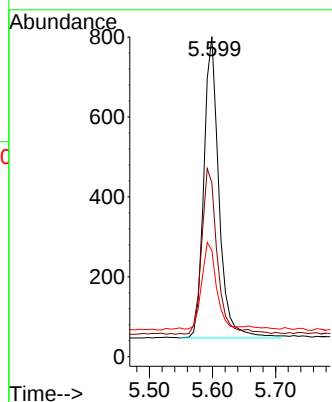
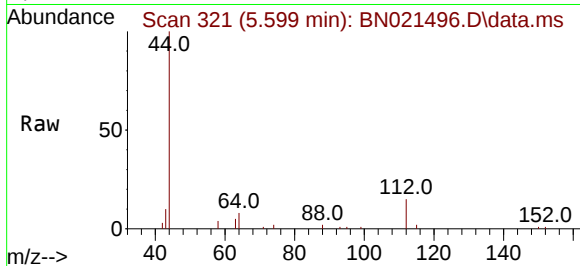




#4  
2-Fluorophenol  
Concen: 0.155 ng  
RT: 5.599 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BN021496.D  
Acq: 31 Aug 2022 18:28

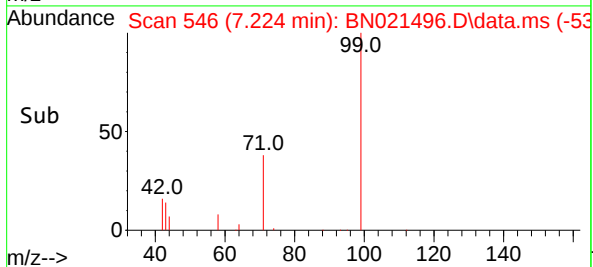
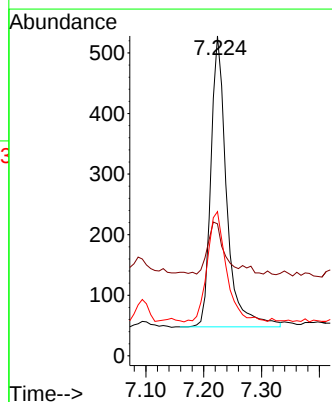
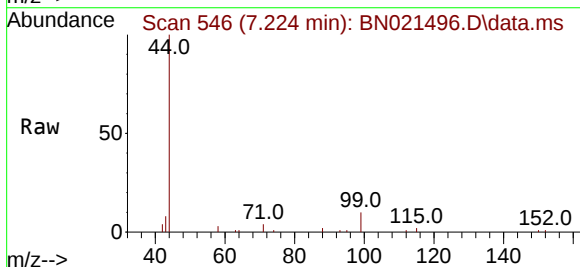
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D2-20220821

Tgt Ion:112 Resp: 1253  
Ion Ratio Lower Upper  
112 100  
64 57.1 43.5 65.3  
63 28.9 22.6 34.0



#5  
Phenol-d6  
Concen: 0.088 ng  
RT: 7.224 min Scan# 546  
Delta R.T. 0.000 min  
Lab File: BN021496.D  
Acq: 31 Aug 2022 18:28

Tgt Ion: 99 Resp: 911  
Ion Ratio Lower Upper  
99 100  
42 17.8 15.5 23.3  
71 46.1 24.2 36.2#

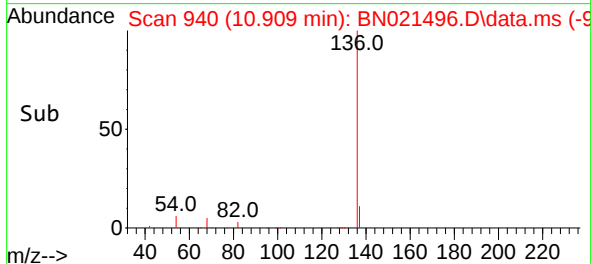
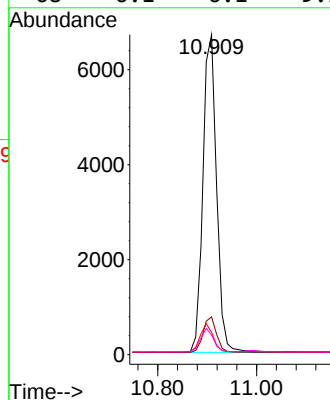
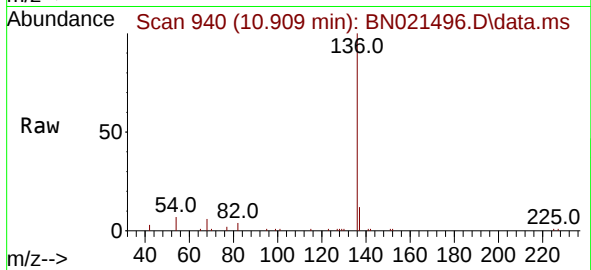




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.909 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: BN021496.D  
Acq: 31 Aug 2022 18:28

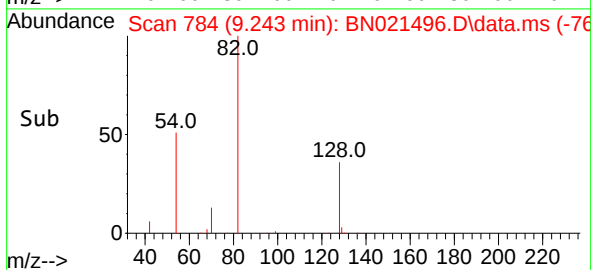
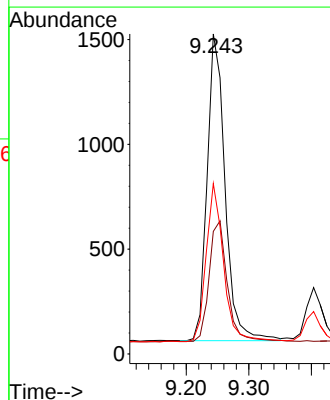
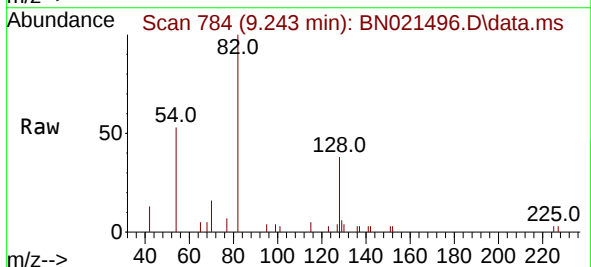
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D2-20220821

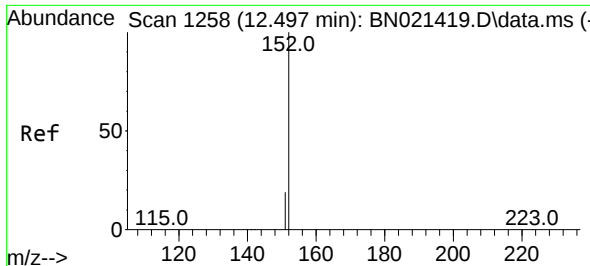
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 12844 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.8  | 9.3   | 13.9  |
| 54        | 7.0   | 6.9   | 10.3  |
| 68        | 6.1   | 6.1   | 9.1   |



#8  
Nitrobenzene-d5  
Concen: 0.335 ng  
RT: 9.243 min Scan# 784  
Delta R.T. -0.011 min  
Lab File: BN021496.D  
Acq: 31 Aug 2022 18:28

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 2909 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 38.3  | 30.9  | 46.3 |
| 54        | 53.2  | 42.7  | 64.1 |

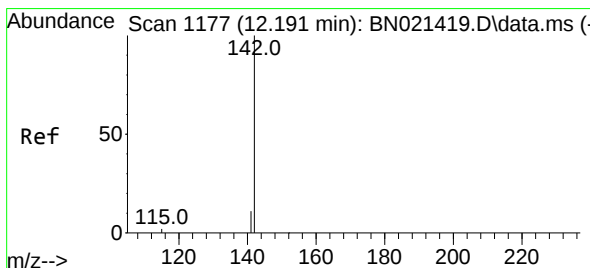
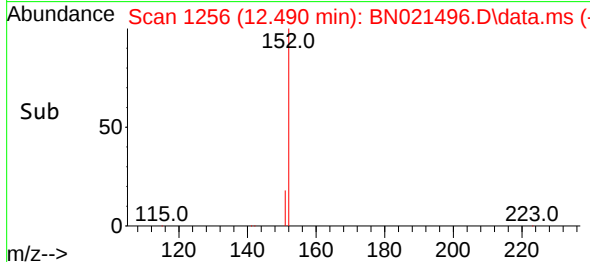
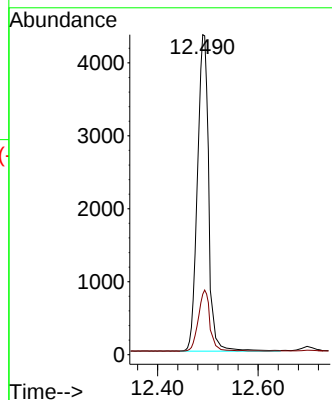
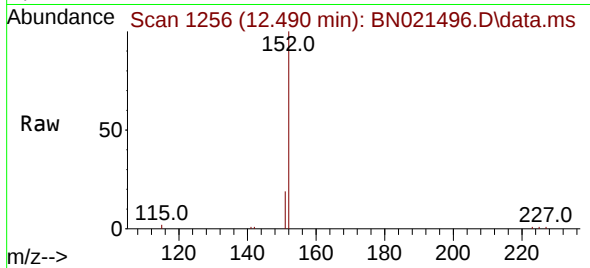




#11  
2-Methylnaphthalene-d10  
Concen: 0.399 ng  
RT: 12.490 min Scan# 11549  
Delta R.T. -0.007 min  
Lab File: BN021496.D  
Acq: 31 Aug 2022 18:28

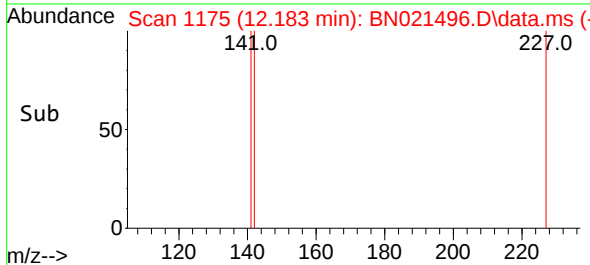
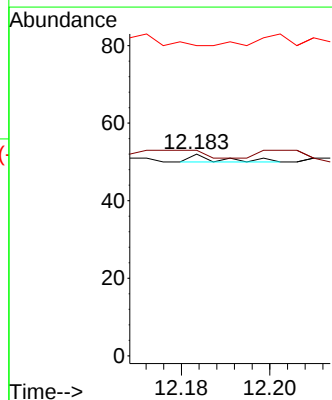
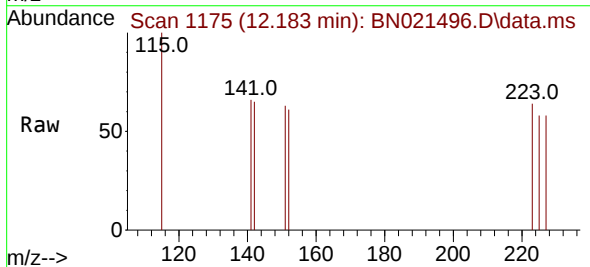
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D2-20220821

Tgt Ion:152 Resp: 11549  
Ion Ratio Lower Upper  
152 100  
151 18.3 14.5 21.7



#12  
2-Methylnaphthalene  
Concen: 0.127 ng  
RT: 12.183 min Scan# 1175  
Delta R.T. -0.008 min  
Lab File: BN021496.D  
Acq: 31 Aug 2022 18:28

Tgt Ion:142 Resp: 1  
Ion Ratio Lower Upper  
142 100  
141 101.9 12.2 18.2#  
115 153.8 7.9 11.9#

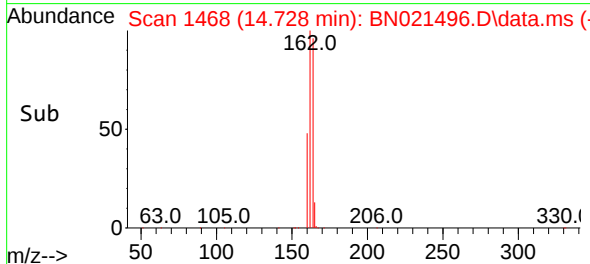
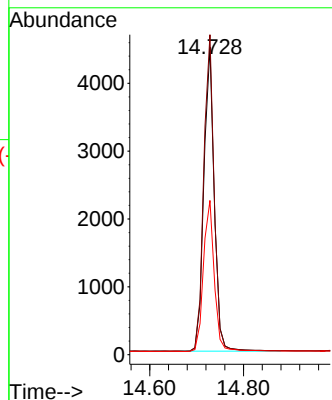
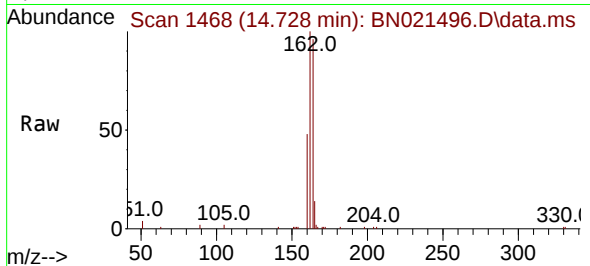




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.728 min Scan# 1468  
Delta R.T. 0.000 min  
Lab File: BN021496.D  
Acq: 31 Aug 2022 18:28

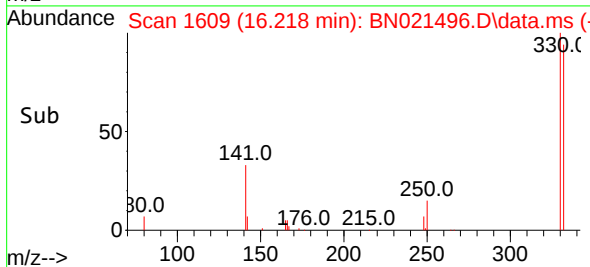
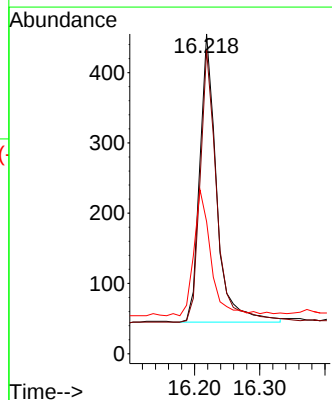
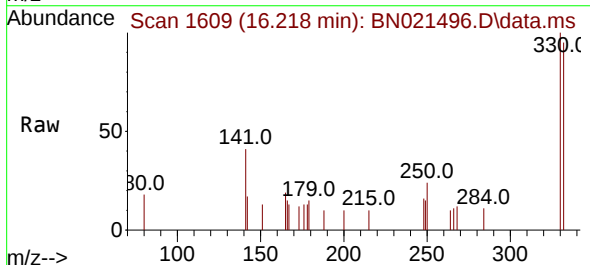
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D2-20220821

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 6907  |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 104.1 | 82.2  | 123.4 |
| 160       | 50.1  | 39.5  | 59.3  |



#14  
2,4,6-Tribromophenol  
Concen: 0.325 ng  
RT: 16.218 min Scan# 1609  
Delta R.T. 0.000 min  
Lab File: BN021496.D  
Acq: 31 Aug 2022 18:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 737   |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 93.6  | 79.3  | 118.9 |
| 141       | 45.2  | 37.1  | 55.7  |

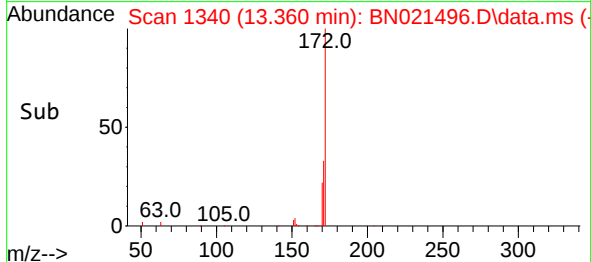
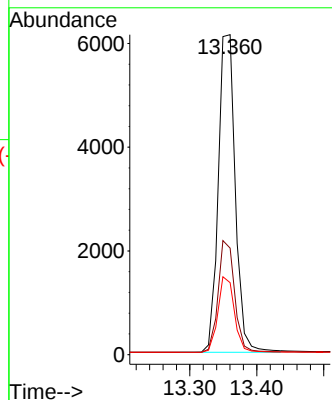
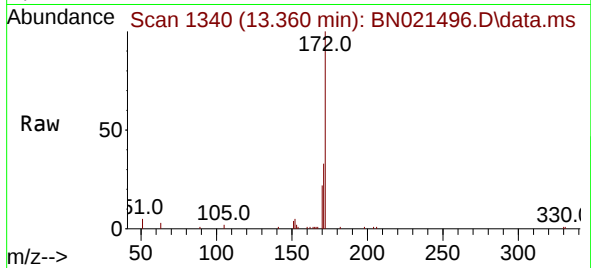




#15  
2-Fluorobiphenyl  
Concen: 0.359 ng  
RT: 13.360 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN021496.D  
Acq: 31 Aug 2022 18:28

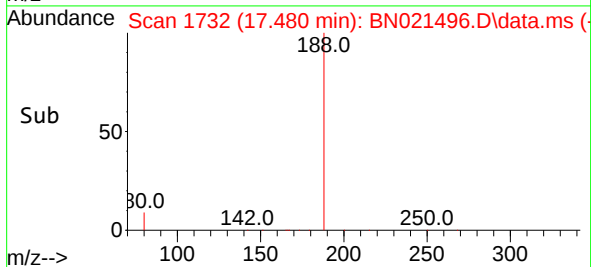
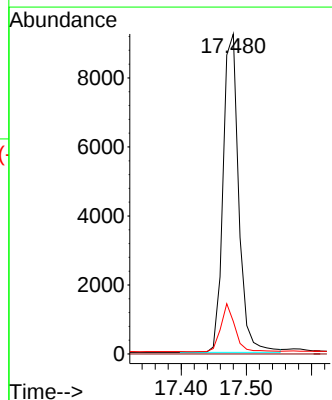
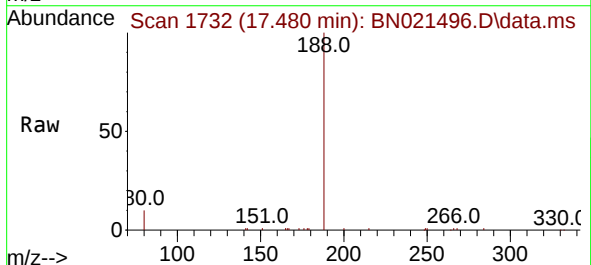
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BNA\_N  
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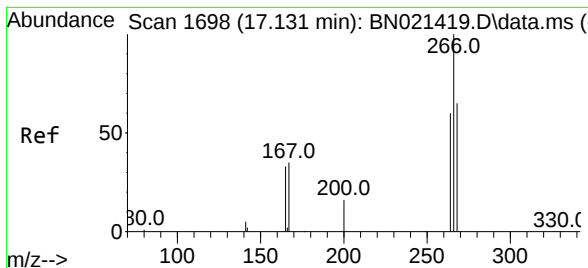
Tgt Ion:172 Resp: 10845  
Ion Ratio Lower Upper  
172 100  
171 33.3 27.8 41.6  
170 22.5 18.6 28.0



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.480 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: BN021496.D  
Acq: 31 Aug 2022 18:28

Tgt Ion:188 Resp: 15442  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.1 9.5 14.3





#24

Pentachlorophenol

Concen: 0.205 ng

RT: 17.121 min Scan# 1

Delta R.T. -0.010 min

Lab File: BN021496.D

Acq: 31 Aug 2022 18:28

Instrument :

BNA\_N

ClientSampleId :

RE131D2-20220821

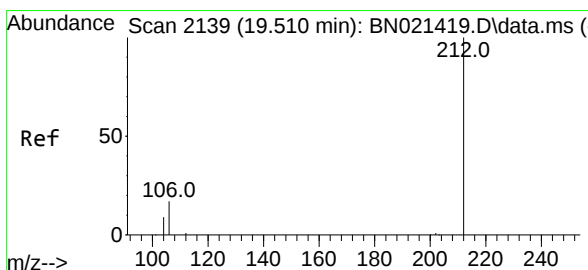
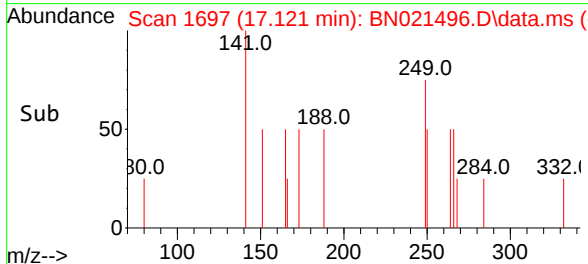
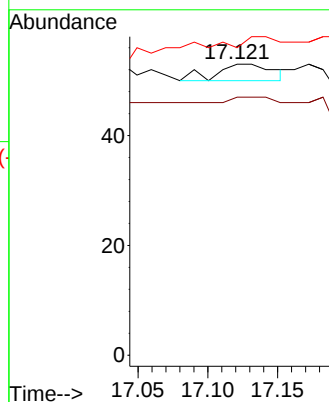
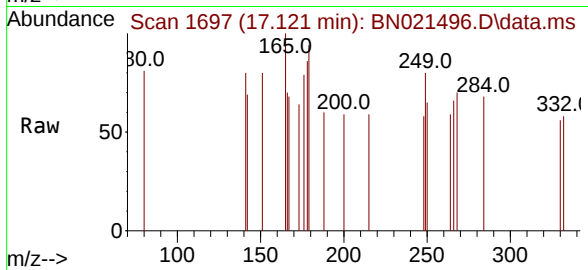
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 22.2 49.0 73.6#

268 66.7 50.9 76.3



#27

Fluoranthene-d10

Concen: 0.508 ng

RT: 19.506 min Scan# 2138

Delta R.T. -0.004 min

Lab File: BN021496.D

Acq: 31 Aug 2022 18:28

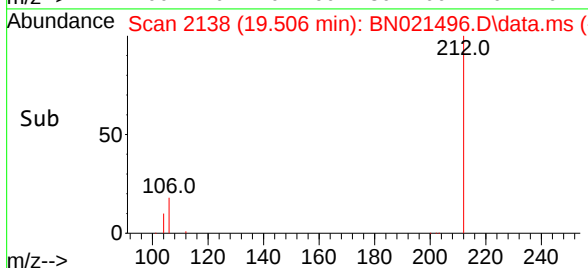
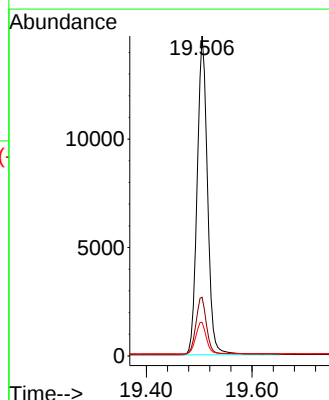
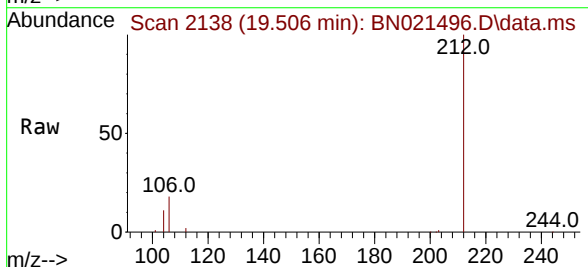
Tgt Ion:212 Resp: 20158

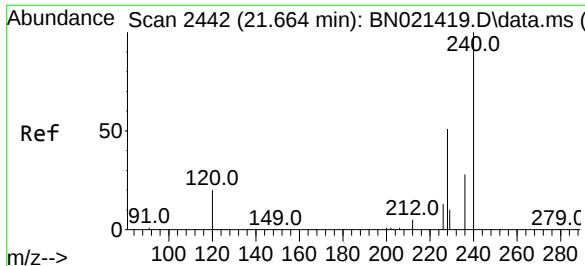
Ion Ratio Lower Upper

212 100

106 18.1 14.2 21.2

104 10.2 7.8 11.6

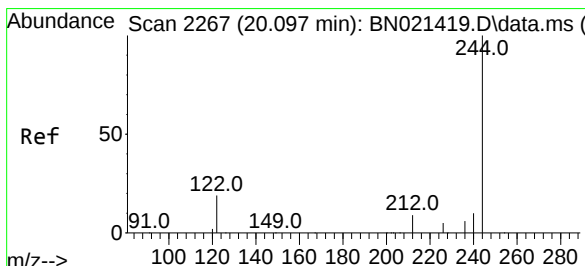
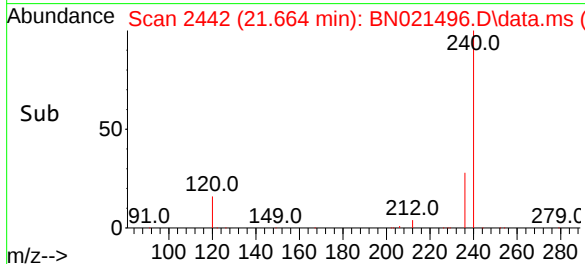
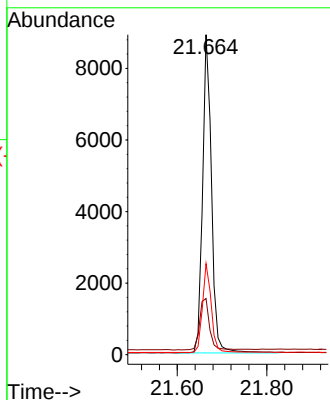
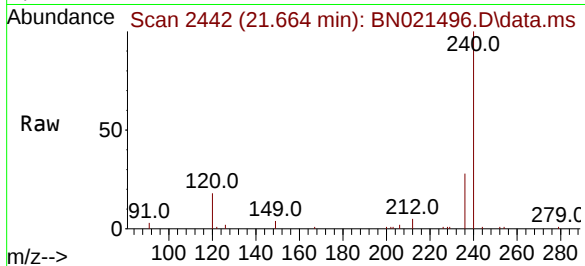




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.664 min Scan# 2442  
Delta R.T. 0.000 min  
Lab File: BN021496.D  
Acq: 31 Aug 2022 18:28

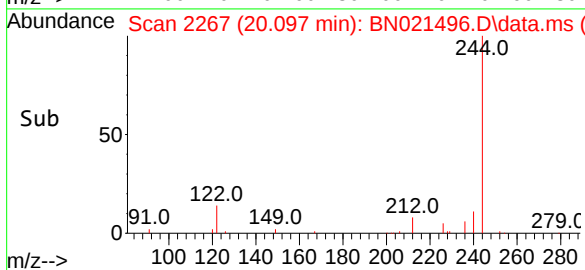
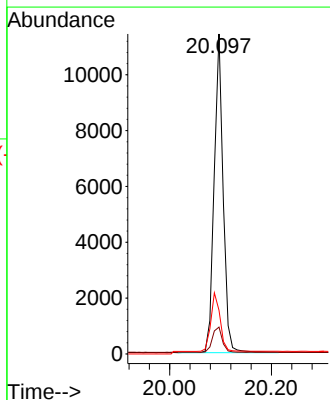
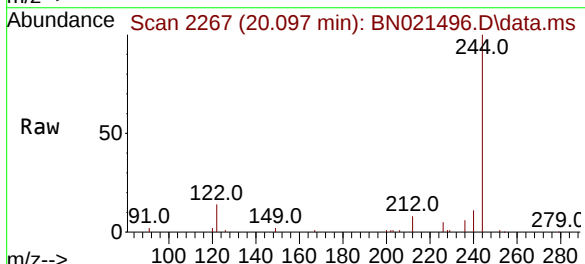
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D2-20220821

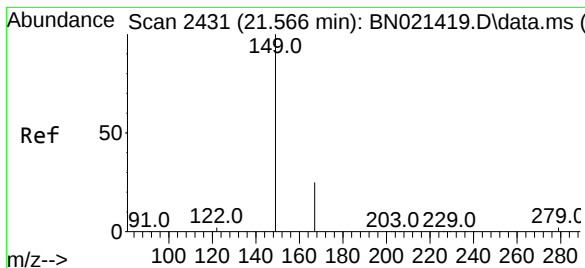
Tgt Ion:240 Resp: 12299  
Ion Ratio Lower Upper  
240 100  
120 17.5 10.2 15.4#  
236 28.4 22.1 33.1



#31  
Terphenyl-d14  
Concen: 0.505 ng  
RT: 20.097 min Scan# 2267  
Delta R.T. 0.000 min  
Lab File: BN021496.D  
Acq: 31 Aug 2022 18:28

Tgt Ion:244 Resp: 13967  
Ion Ratio Lower Upper  
244 100  
212 8.4 6.5 9.7  
122 13.6 9.1 13.7

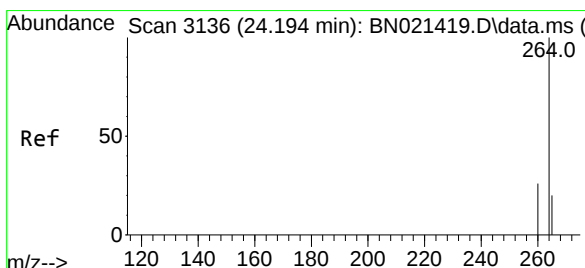
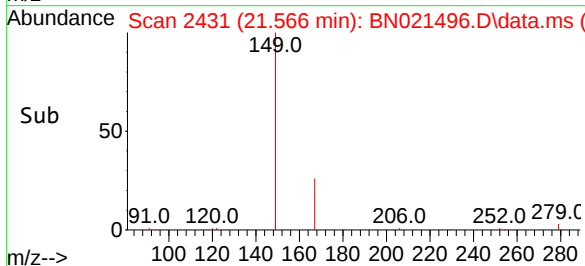
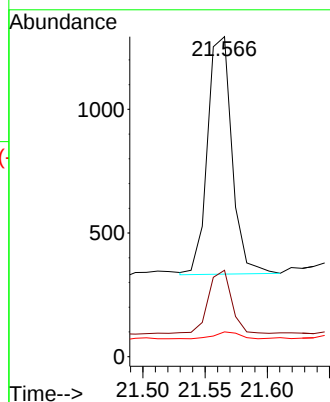
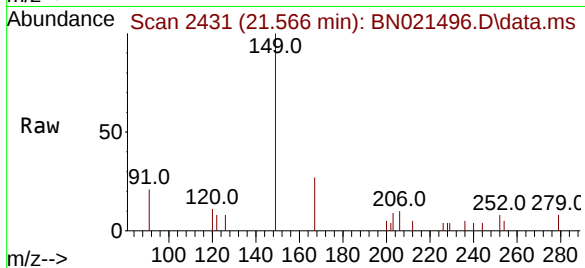




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.076 ng  
 RT: 21.566 min Scan# 2431  
 Delta R.T. 0.000 min  
 Lab File: BN021496.D  
 Acq: 31 Aug 2022 18:28

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE131D2-20220821

Tgt Ion:149 Resp: 1314  
 Ion Ratio Lower Upper  
 149 100  
 167 26.4 21.4 32.0  
 279 3.0 2.2 3.2



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.191 min Scan# 3135  
 Delta R.T. -0.003 min  
 Lab File: BN021496.D  
 Acq: 31 Aug 2022 18:28

Tgt Ion:264 Resp: 8346  
 Ion Ratio Lower Upper  
 264 100  
 260 27.4 21.0 31.6  
 265 37.8 32.2 48.2

