

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN083122\  
 Data File : BN021495.D  
 Acq On : 31 Aug 2022 17:50  
 Operator : CG/JU  
 Sample : N4297-12  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE131D1-20220821

Quant Time: Sep 01 03:20:54 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

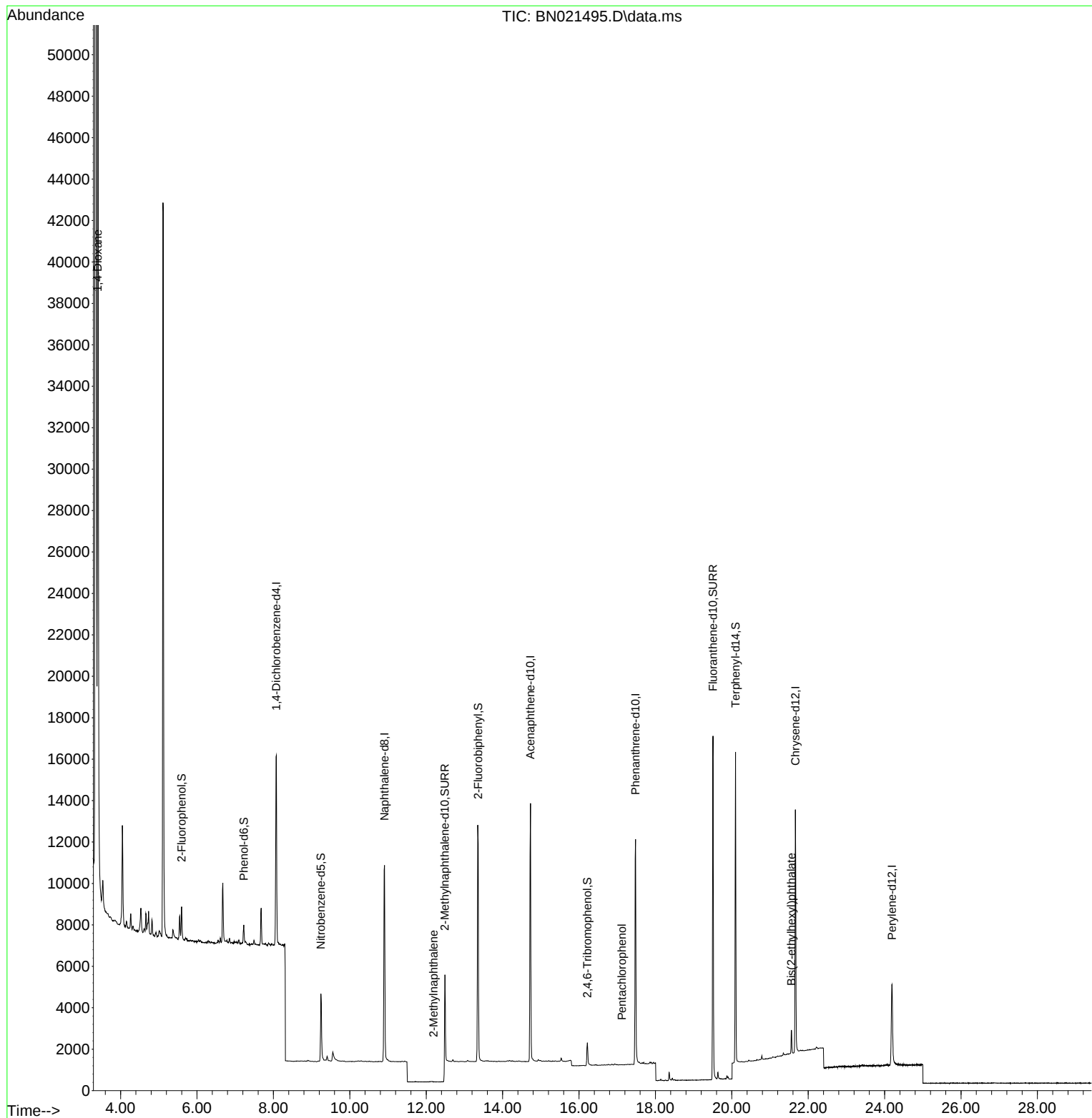
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.076  | 152  | 4546     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.909 | 136  | 14027    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.728 | 164  | 7454     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.480 | 188  | 16200    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.664 | 240  | 11327    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.191 | 264  | 6624     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.599  | 112  | 1356     | 0.152 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.224  | 99   | 972      | 0.086 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.243  | 82   | 3015     | 0.318 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.490 | 152  | 11720    | 0.371 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.218 | 330  | 710      | 0.290 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.360 | 172  | 11054    | 0.339 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.505 | 212  | 18784    | 0.451 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.097 | 244  | 12570    | 0.494 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.403  | 88   | 44642    | 7.852 | ng    | # 89     |
| 12) 2-Methylnaphthalene       | 12.191 | 142  | 1        | 0.127 | ng    | # 1      |
| 24) Pentachlorophenol         | 17.121 | 266  | 9        | 0.205 | ng    | # 87     |
| 34) Bis(2-ethylhexyl)phtha... | 21.556 | 149  | 1271     | 0.080 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

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

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Sample : N4297-12  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RE131D1-20220821

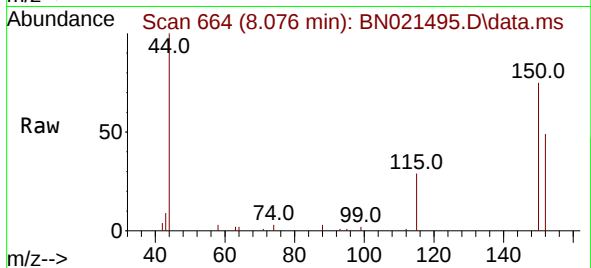
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 29 16:30:43 2022  
Response via : Initial Calibration



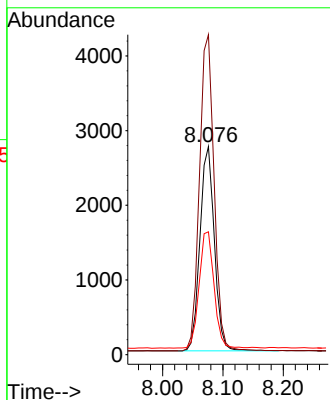
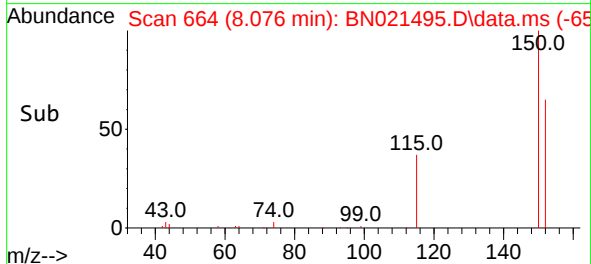


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.076 min Scan# 6  
 Delta R.T. -0.007 min  
 Lab File: BN021495.D  
 Acq: 31 Aug 2022 17:50

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE131D1-20220821

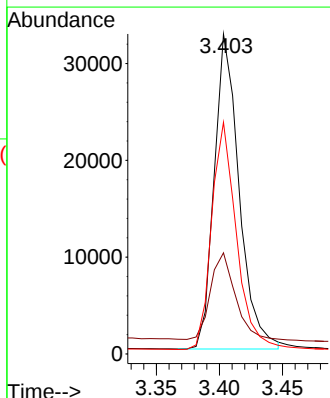
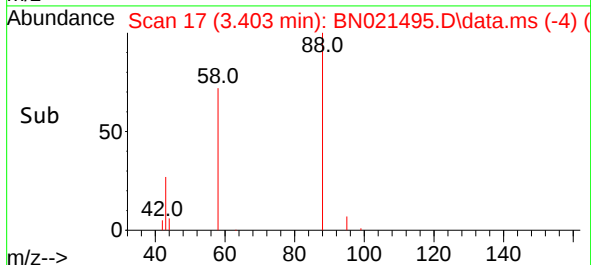
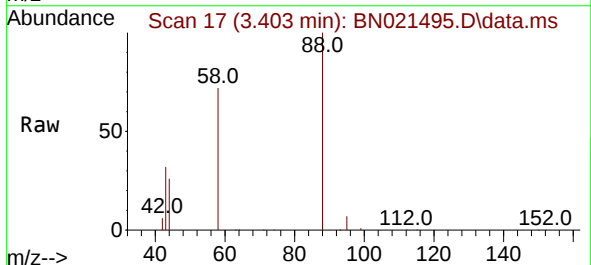


Tgt Ion:152 Resp: 4546  
 Ion Ratio Lower Upper  
 152 100  
 150 153.7 121.4 182.0  
 115 59.0 48.6 72.8



#2  
 1,4-Dioxane  
 Concen: 7.852 ng  
 RT: 3.403 min Scan# 17  
 Delta R.T. -0.007 min  
 Lab File: BN021495.D  
 Acq: 31 Aug 2022 17:50

Tgt Ion: 88 Resp: 44642  
 Ion Ratio Lower Upper  
 88 100  
 43 27.2 35.8 53.8#  
 58 71.7 57.1 85.7

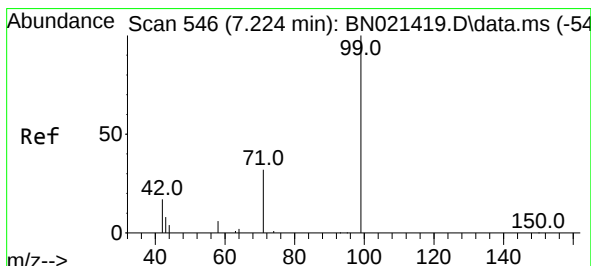
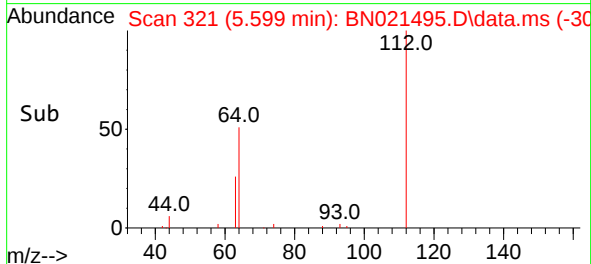
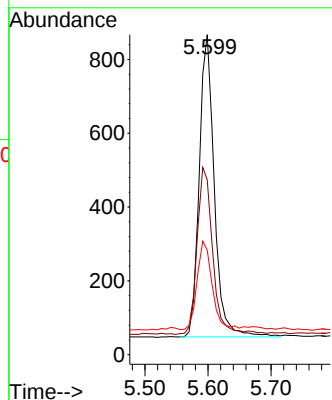
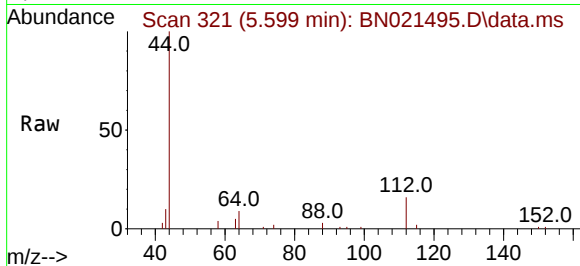




#4  
2-Fluorophenol  
Concen: 0.152 ng  
RT: 5.599 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BN021495.D  
Acq: 31 Aug 2022 17:50

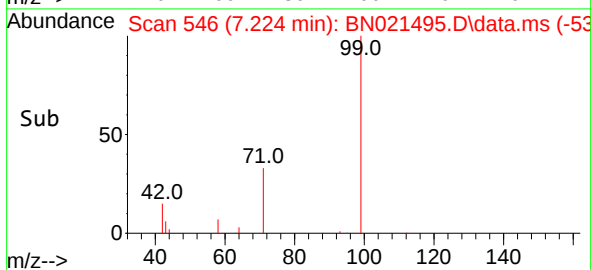
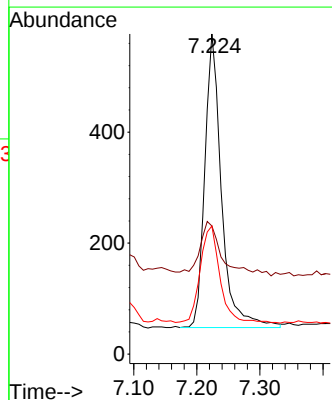
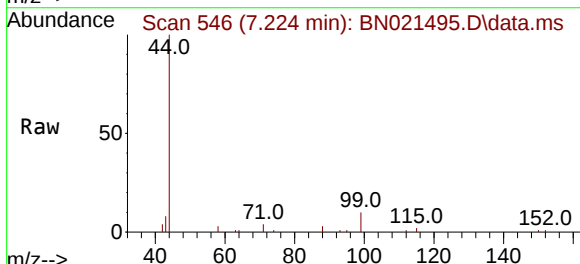
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D1-20220821

Tgt Ion:112 Resp: 1356  
Ion Ratio Lower Upper  
112 100  
64 57.5 43.5 65.3  
63 29.1 22.6 34.0



#5  
Phenol-d6  
Concen: 0.086 ng  
RT: 7.224 min Scan# 546  
Delta R.T. -0.000 min  
Lab File: BN021495.D  
Acq: 31 Aug 2022 17:50

Tgt Ion: 99 Resp: 972  
Ion Ratio Lower Upper  
99 100  
42 18.7 15.5 23.3  
71 39.4 24.2 36.2#

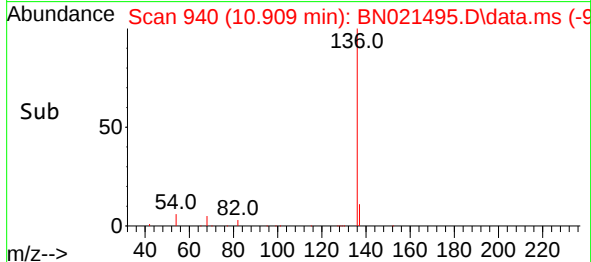
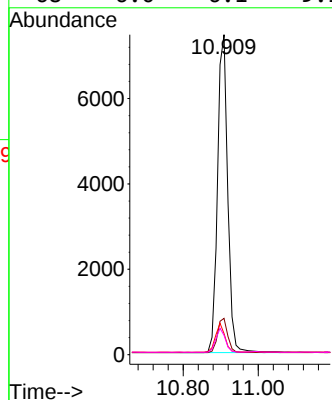
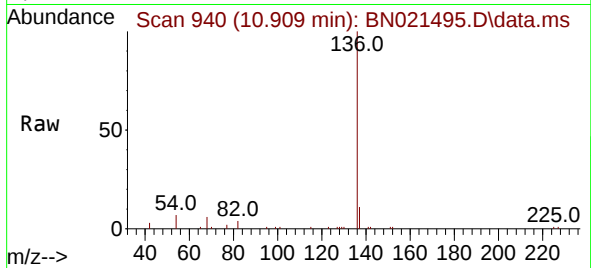




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.909 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: BN021495.D  
Acq: 31 Aug 2022 17:50

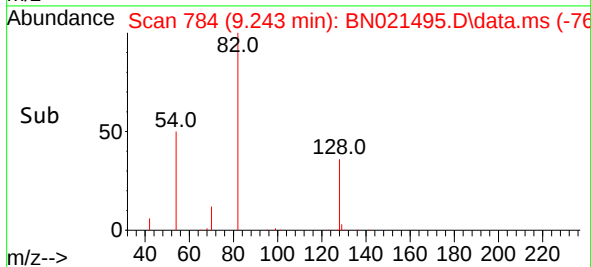
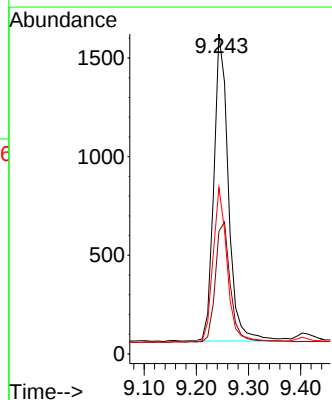
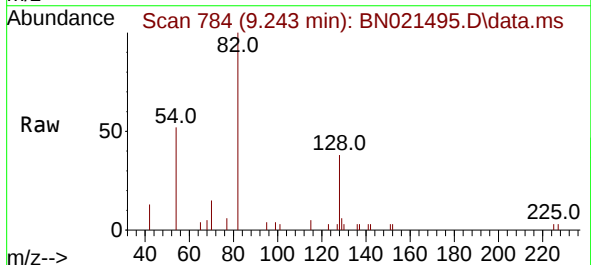
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D1-20220821

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 14027 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.3  | 9.3   | 13.9  |
| 54        | 6.6   | 6.9   | 10.3# |
| 68        | 6.0   | 6.1   | 9.1#  |



#8  
Nitrobenzene-d5  
Concen: 0.318 ng  
RT: 9.243 min Scan# 784  
Delta R.T. -0.011 min  
Lab File: BN021495.D  
Acq: 31 Aug 2022 17:50

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3015 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 38.3  | 30.9  | 46.3 |
| 54        | 52.0  | 42.7  | 64.1 |

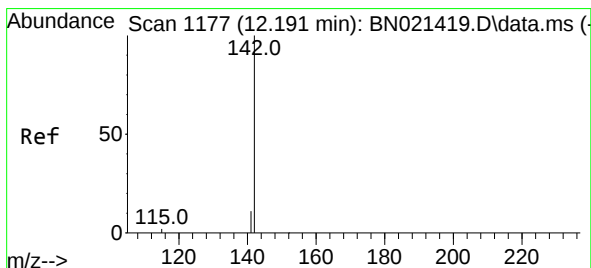
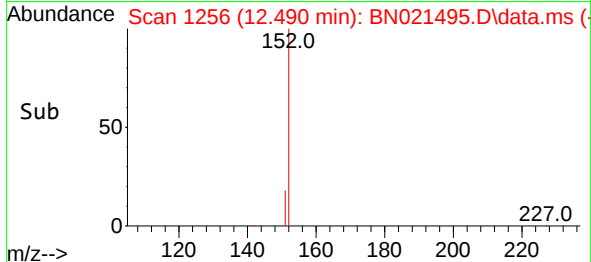
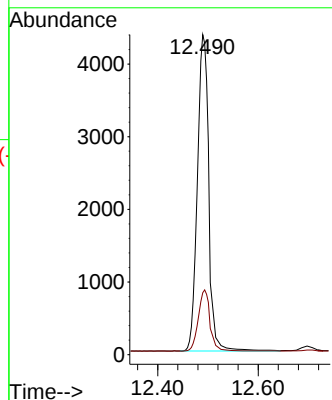
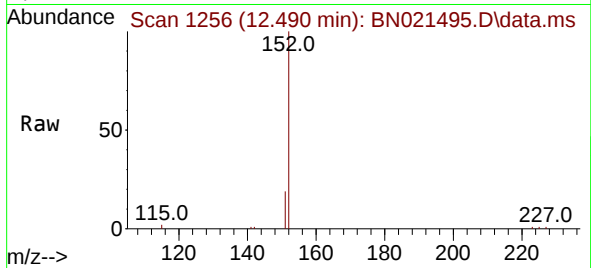




#11  
2-Methylnaphthalene-d10  
Concen: 0.371 ng  
RT: 12.490 min Scan# 11720  
Delta R.T. -0.007 min  
Lab File: BN021495.D  
Acq: 31 Aug 2022 17:50

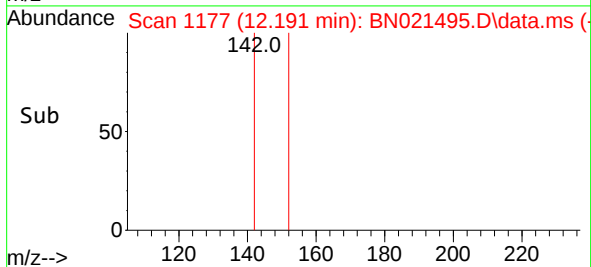
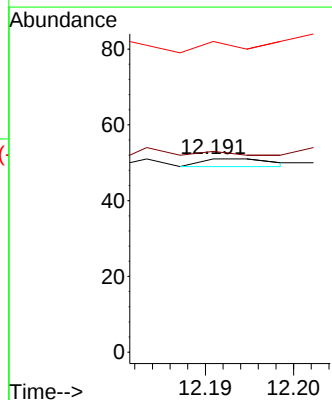
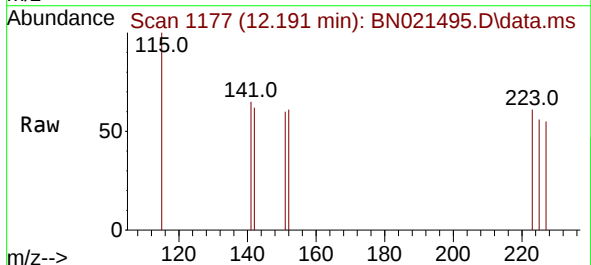
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D1-20220821

Tgt Ion:152 Resp: 11720  
Ion Ratio Lower Upper  
152 100  
151 17.9 14.5 21.7



#12  
2-Methylnaphthalene  
Concen: 0.127 ng  
RT: 12.191 min Scan# 1177  
Delta R.T. -0.000 min  
Lab File: BN021495.D  
Acq: 31 Aug 2022 17:50

Tgt Ion:142 Resp: 1  
Ion Ratio Lower Upper  
142 100  
141 103.9 12.2 18.2#  
115 160.8 7.9 11.9#

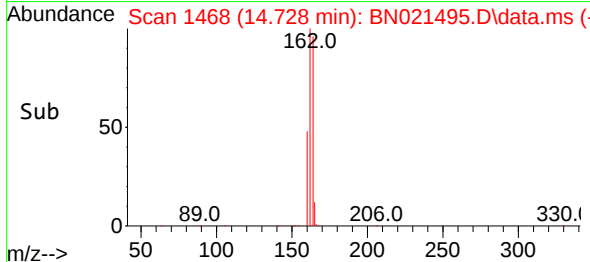
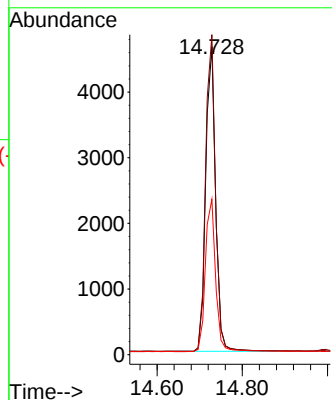
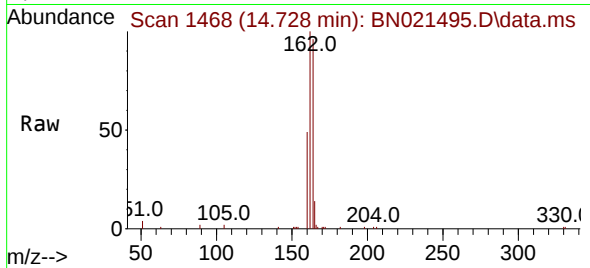




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.728 min Scan# 1468  
Delta R.T. 0.000 min  
Lab File: BN021495.D  
Acq: 31 Aug 2022 17:50

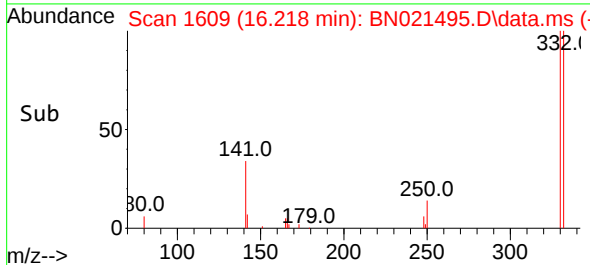
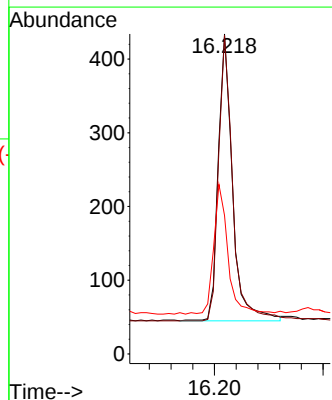
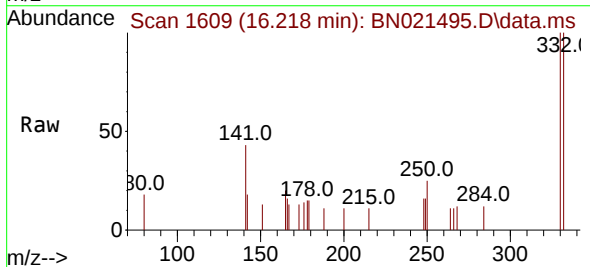
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RE131D1-20220821

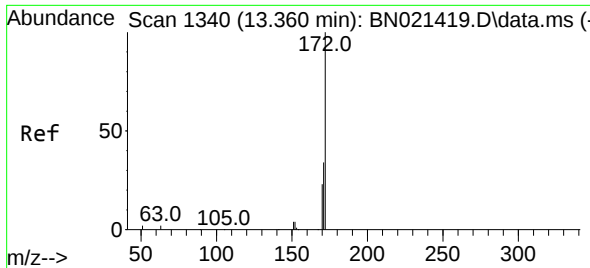
Tgt Ion:164 Resp: 7454  
Ion Ratio Lower Upper  
164 100  
162 103.9 82.2 123.4  
160 50.4 39.5 59.3



#14  
2,4,6-Tribromophenol  
Concen: 0.290 ng  
RT: 16.218 min Scan# 1609  
Delta R.T. 0.000 min  
Lab File: BN021495.D  
Acq: 31 Aug 2022 17:50

Tgt Ion:330 Resp: 710  
Ion Ratio Lower Upper  
330 100  
332 98.5 79.3 118.9  
141 45.2 37.1 55.7

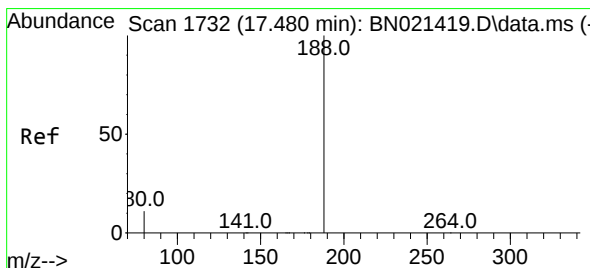
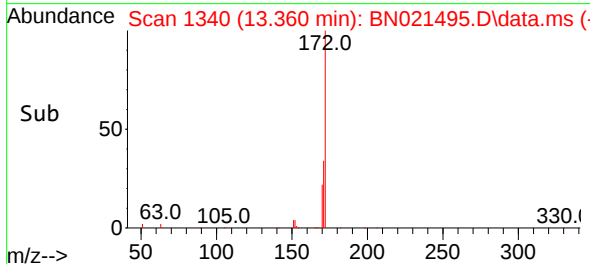
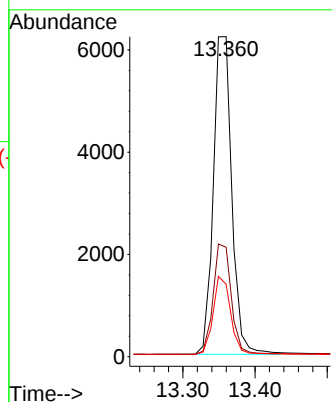
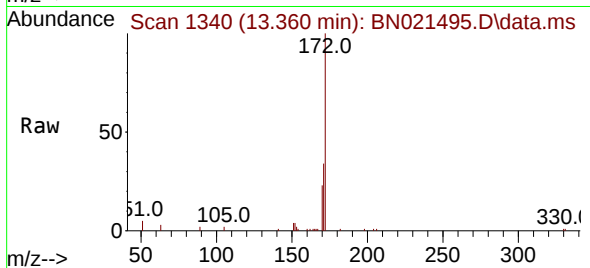




#15  
2-Fluorobiphenyl  
Concen: 0.339 ng  
RT: 13.360 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN021495.D  
Acq: 31 Aug 2022 17:50

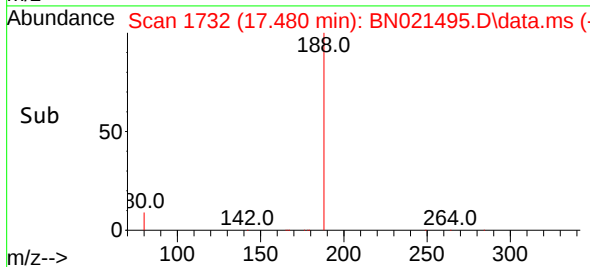
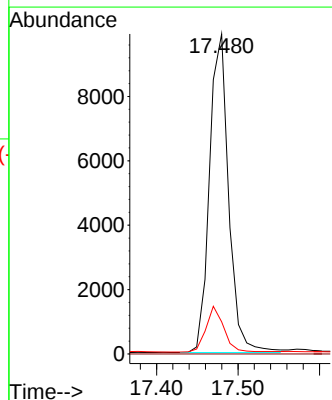
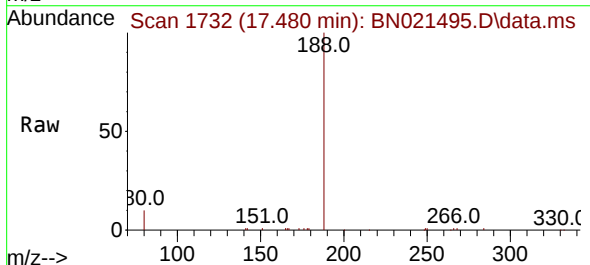
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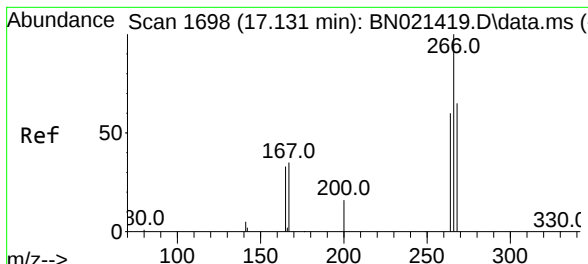
Tgt Ion:172 Resp: 11054  
Ion Ratio Lower Upper  
172 100  
171 34.2 27.8 41.6  
170 22.7 18.6 28.0



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.480 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: BN021495.D  
Acq: 31 Aug 2022 17:50

Tgt Ion:188 Resp: 16200  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.0 9.5 14.3

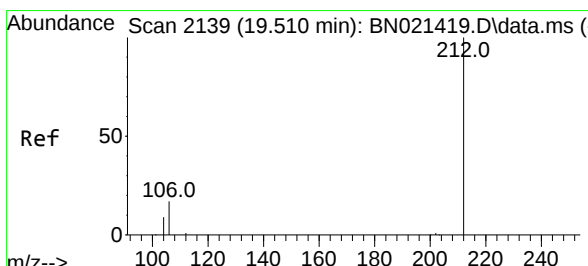
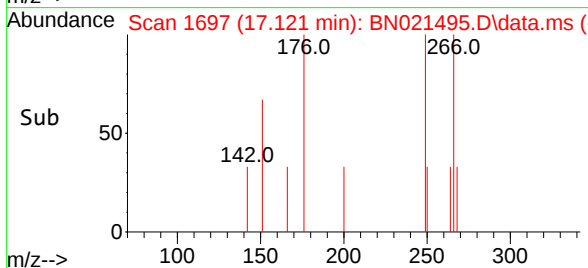
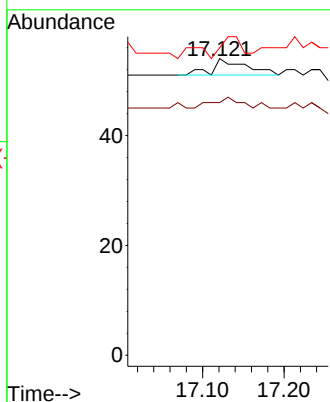
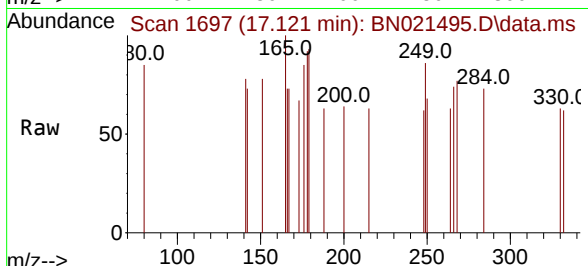




#24  
 Pentachlorophenol  
 Concen: 0.205 ng  
 RT: 17.121 min Scan# 1697  
 Delta R.T. -0.010 min  
 Lab File: BN021495.D  
 Acq: 31 Aug 2022 17:50

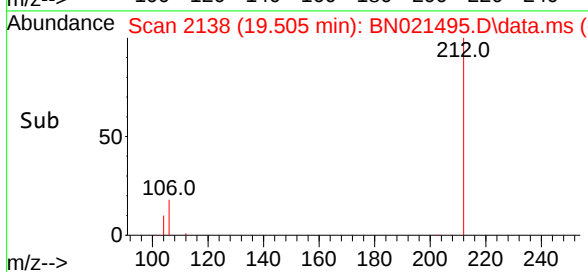
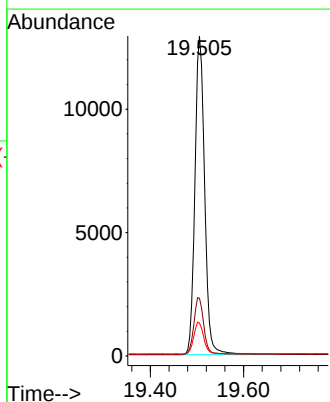
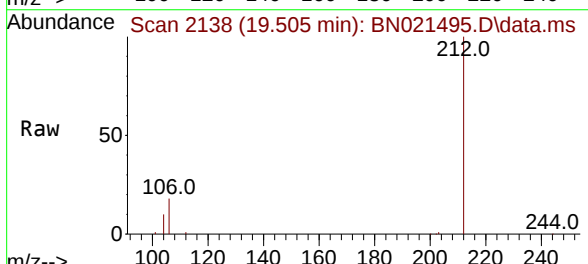
Instrument :  
 BNA\_N  
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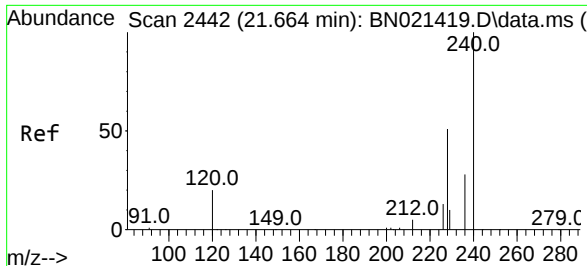
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:266 | Resp: | 9         |
| Ion Ratio   | Lower | Upper     |
| 266         | 100   |           |
| 264         | 55.6  | 49.0 73.6 |
| 268         | 77.8  | 50.9 76.3 |



#27  
 Fluoranthene-d10  
 Concen: 0.451 ng  
 RT: 19.505 min Scan# 2138  
 Delta R.T. -0.004 min  
 Lab File: BN021495.D  
 Acq: 31 Aug 2022 17:50

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:212 | Resp: | 18784     |
| Ion Ratio   | Lower | Upper     |
| 212         | 100   |           |
| 106         | 18.0  | 14.2 21.2 |
| 104         | 10.1  | 7.8 11.6  |

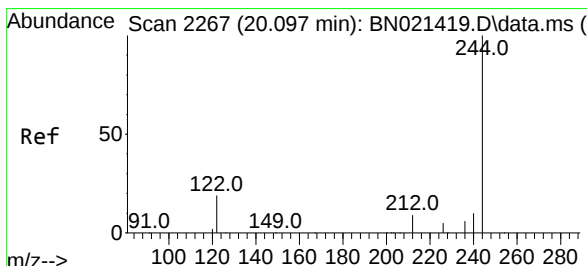
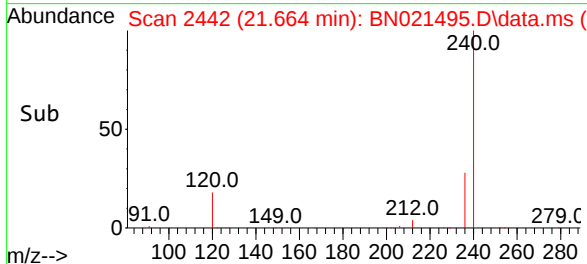
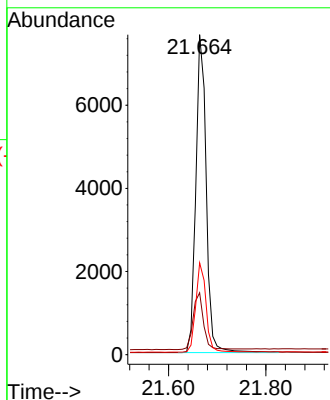
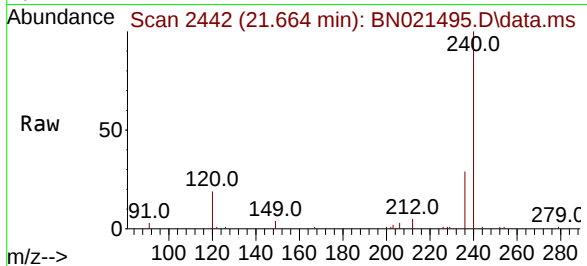




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.664 min Scan# 2442  
Delta R.T. -0.000 min  
Lab File: BN021495.D  
Acq: 31 Aug 2022 17:50

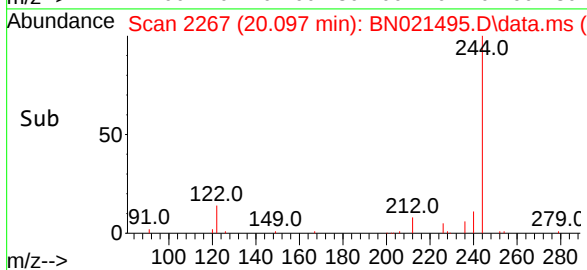
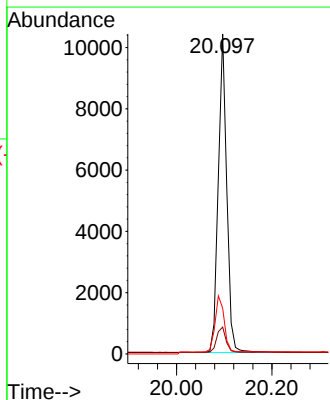
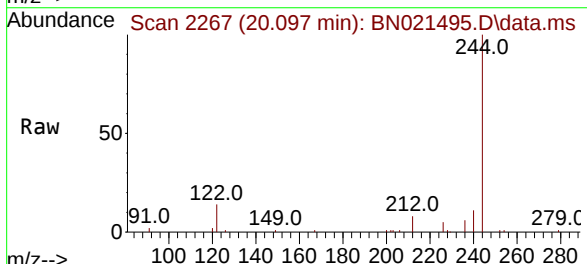
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D1-20220821

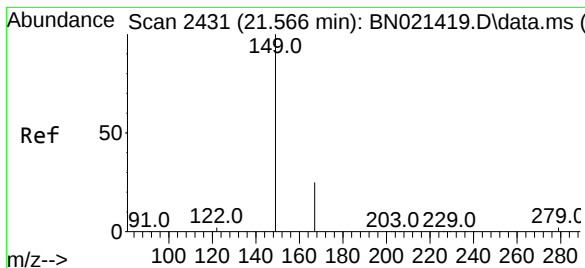
Tgt Ion:240 Resp: 11327  
Ion Ratio Lower Upper  
240 100  
120 19.3 10.2 15.4#  
236 28.7 22.1 33.1



#31  
Terphenyl-d14  
Concen: 0.494 ng  
RT: 20.097 min Scan# 2267  
Delta R.T. -0.000 min  
Lab File: BN021495.D  
Acq: 31 Aug 2022 17:50

Tgt Ion:244 Resp: 12570  
Ion Ratio Lower Upper  
244 100  
212 8.4 6.5 9.7  
122 14.3 9.1 13.7#

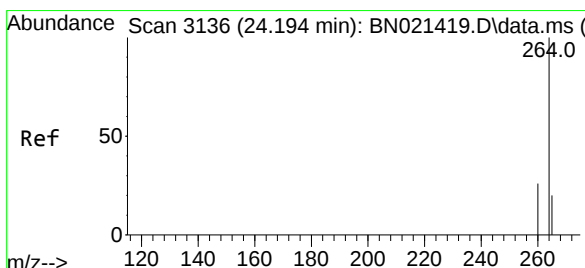
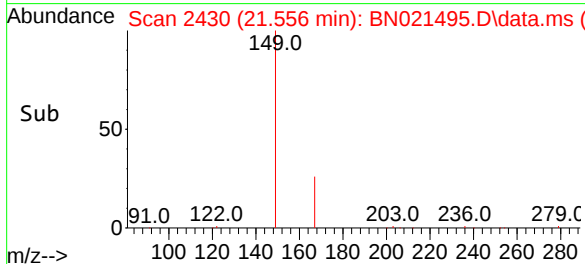
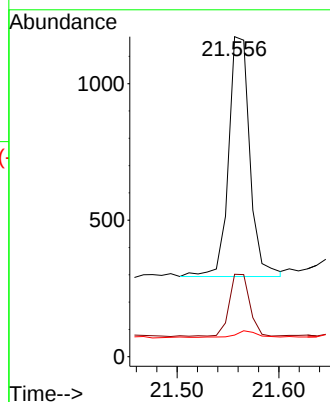
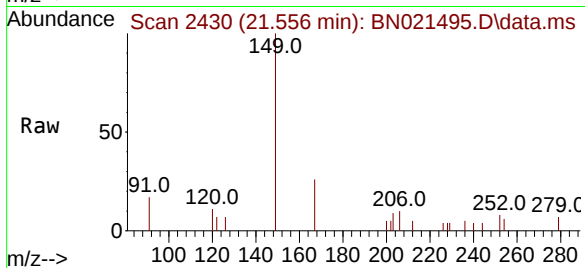




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.080 ng  
 RT: 21.556 min Scan# 2431  
 Delta R.T. -0.009 min  
 Lab File: BN021495.D  
 Acq: 31 Aug 2022 17:50

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE131D1-20220821

Tgt Ion:149 Resp: 1271  
 Ion Ratio Lower Upper  
 149 100  
 167 25.3 21.4 32.0  
 279 2.8 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: BN021495.D  
 Acq: 31 Aug 2022 17:50

Tgt Ion:264 Resp: 6624  
 Ion Ratio Lower Upper  
 264 100  
 260 27.6 21.0 31.6  
 265 42.2 32.2 48.2

