

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070121\  
 Data File : BN015280.D  
 Acq On : 02 Jul 2021 03:07  
 Operator : CG/JU  
 Sample : M2803-15DL 5X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE131D2-20210621DL

Quant Time: Jul 02 04:54:26 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN063021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 01 09:06:31 2021  
 Response via : Initial Calibration

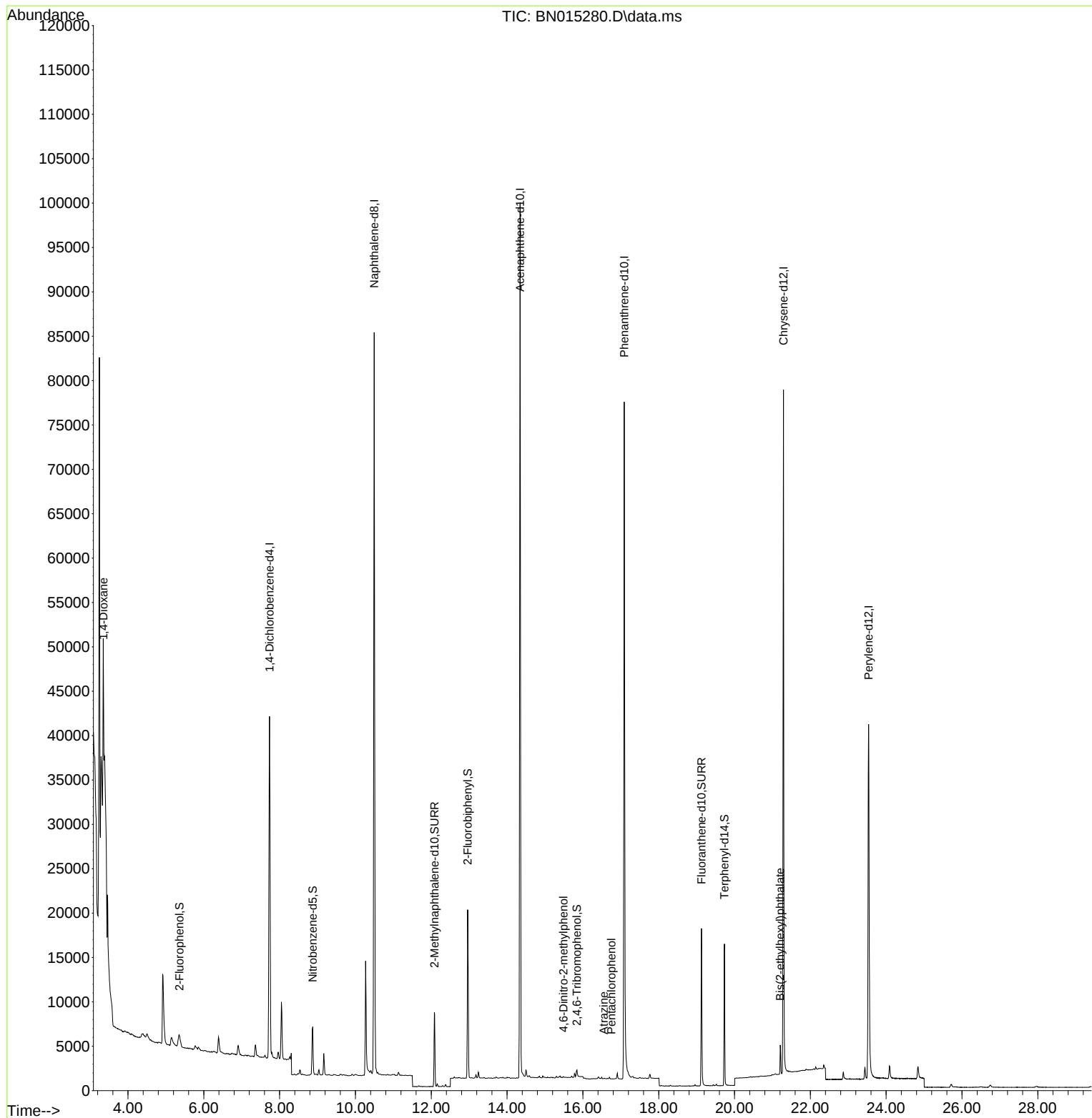
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.735  | 152  | 23922    | 0.40 | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.495 | 136  | 109810   | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.345 | 164  | 56466    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.091 | 188  | 111654   | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.291 | 240  | 75448    | 0.40 | ng    | #-0.01   |
| 35) Perylene-d12              | 23.536 | 264  | 59147    | 0.40 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.356  | 112  | 1796     | 0.03 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.905  | 99   | 1213     | 0.02 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.873  | 82   | 5226     | 0.08 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.083 | 152  | 11360    | 0.06 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.842 | 330  | 875      | 0.26 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.962 | 172  | 16402    | 0.07 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.127 | 212  | 20807    | 0.06 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.733 | 244  | 16442    | 0.09 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
| 2) 1,4-Dioxane                | 3.355  | 88   | 17404    | 1.55 | ng    | # 64     |
| 20) 4,6-Dinitro-2-methylph... | 15.487 | 198  | 5        | 0.19 | ng    | # 5      |
| 23) Atrazine                  | 16.555 | 200  | 12       | 0.17 | ng    | # 11     |
| 24) Pentachlorophenol         | 16.750 | 266  | 13       | 0.24 | ng    | # 55     |
| 34) Bis(2-ethylhexyl)phtha... | 21.206 | 149  | 3301     | 0.18 | ng    | # 87     |
| -----                         |        |      |          |      |       |          |

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

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Sample : M2803-15DL 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RE131D2-20210621DL

Quant Time: Jul 02 04:54:26 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN063021.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 01 09:06:31 2021  
Response via : Initial Calibration

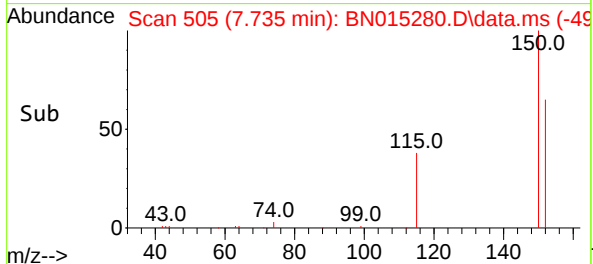
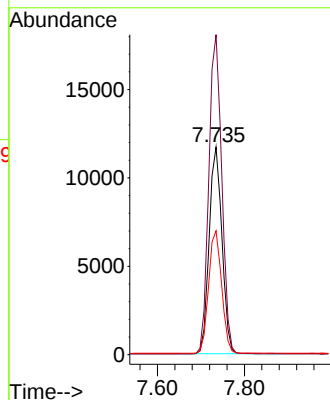
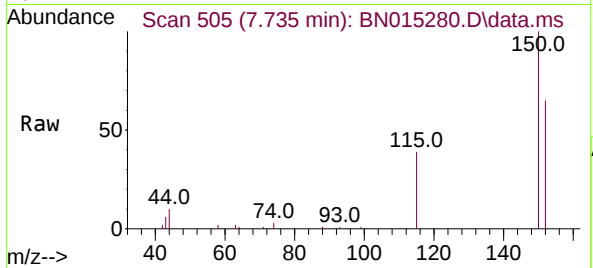




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.735 min Scan# 505  
 Delta R.T. 0.003 min  
 Lab File: BN015280.D  
 Acq: 02 Jul 2021 03:07

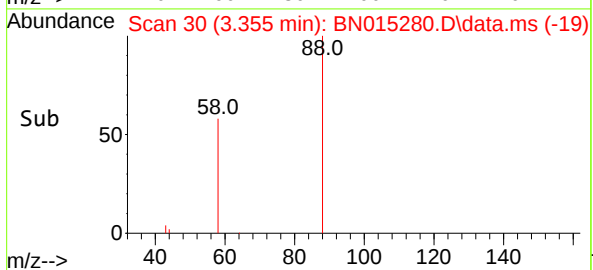
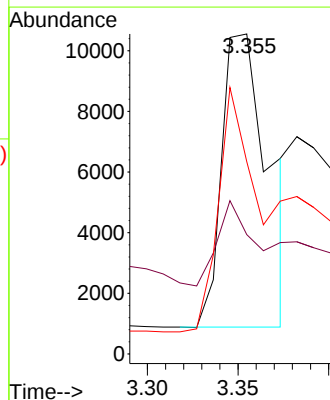
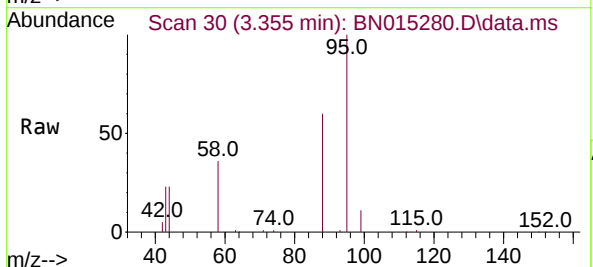
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE131D2-20210621DL

Tgt Ion: 152 Resp: 23922  
 Ion Ratio Lower Upper  
 152 100  
 150 154.2 119.0 178.6  
 115 59.7 62.2 93.4#



#2  
 1,4-Dioxane  
 Concen: 1.55 ng  
 RT: 3.355 min Scan# 30  
 Delta R.T. 0.003 min  
 Lab File: BN015280.D  
 Acq: 02 Jul 2021 03:07

Tgt Ion: 88 Resp: 17404  
 Ion Ratio Lower Upper  
 88 100  
 43 21.5 12.9 19.3#  
 58 76.8 38.1 57.1#

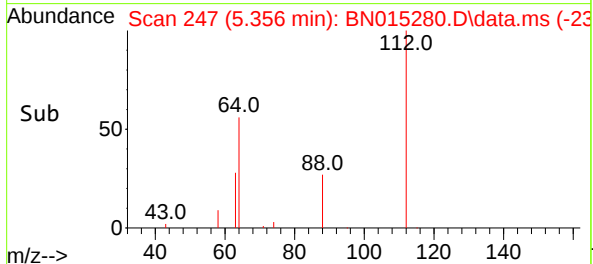
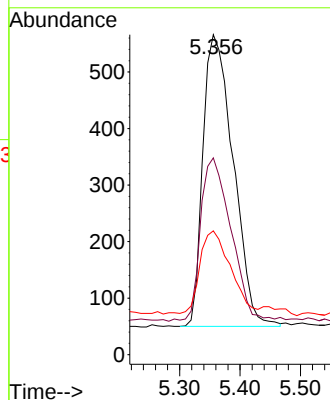
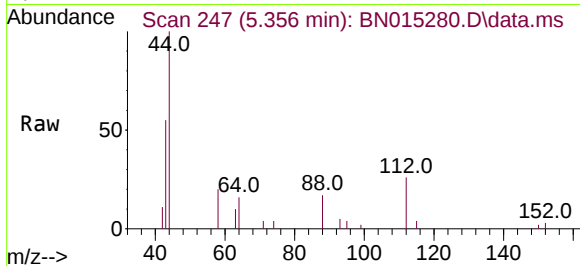




#4  
2-Fluorophenol  
Concen: 0.03 ng  
RT: 5.356 min Scan# 247  
Delta R.T. -0.006 min  
Lab File: BN015280.D  
Acq: 02 Jul 2021 03:07

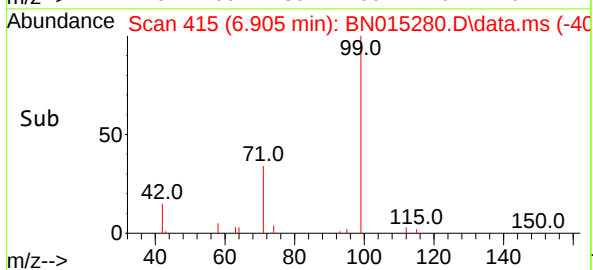
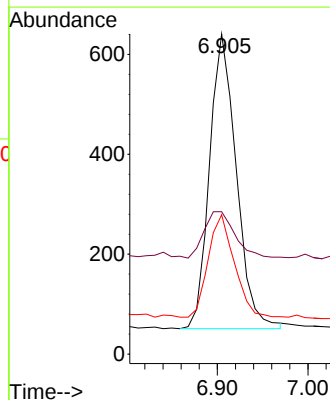
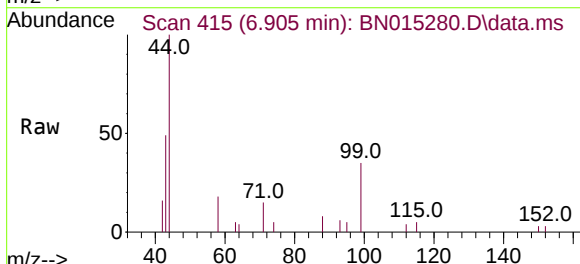
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D2-20210621DL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 1796  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 56.5  | 39.0  | 58.6  |
| 63       | 27.8  | 20.6  | 30.8  |



#5  
Phenol-d6  
Concen: 0.02 ng  
RT: 6.905 min Scan# 415  
Delta R.T. 0.003 min  
Lab File: BN015280.D  
Acq: 02 Jul 2021 03:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1213  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 18.1  | 8.9   | 13.3# |
| 71       | 33.7  | 35.6  | 53.4# |

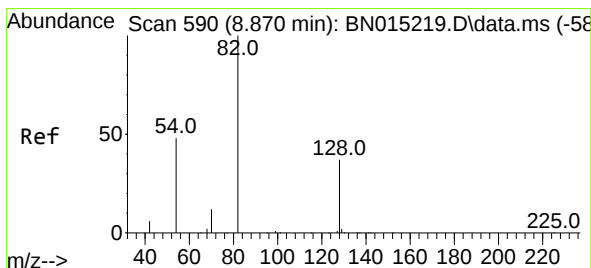
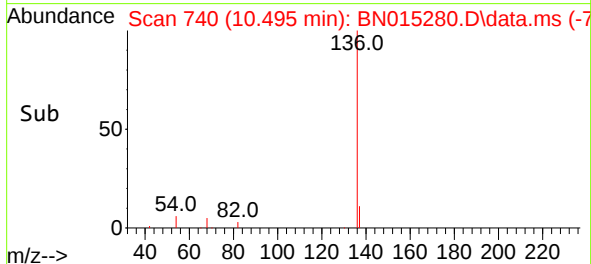
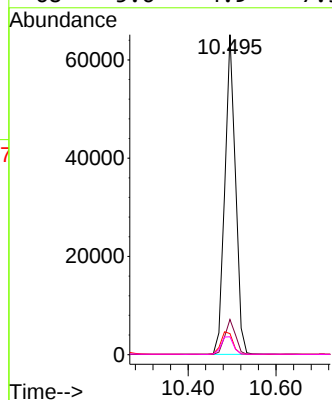
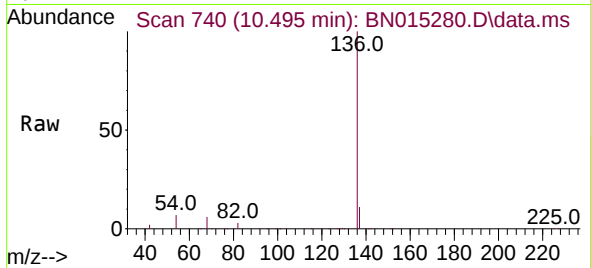




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.495 min Scan# 740  
Delta R.T. 0.003 min  
Lab File: BN015280.D  
Acq: 02 Jul 2021 03:07

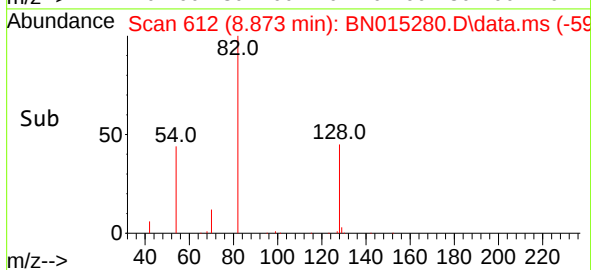
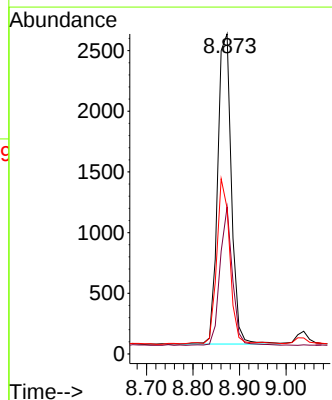
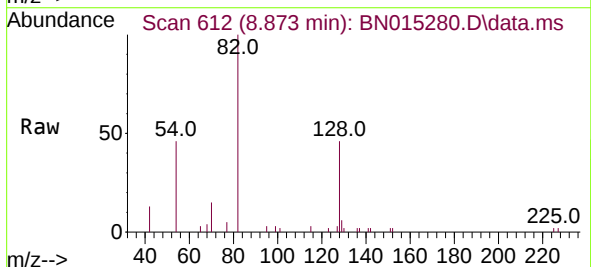
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D2-20210621DL

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 109810   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.0  | 9.8 14.8 |
| 54          | 6.6   | 5.4 8.2  |
| 68          | 5.6   | 4.9 7.3  |



#8  
Nitrobenzene-d5  
Concen: 0.08 ng  
RT: 8.873 min Scan# 612  
Delta R.T. 0.003 min  
Lab File: BN015280.D  
Acq: 02 Jul 2021 03:07

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 5226      |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 45.9  | 31.6 47.4 |
| 54          | 45.6  | 29.0 43.4 |

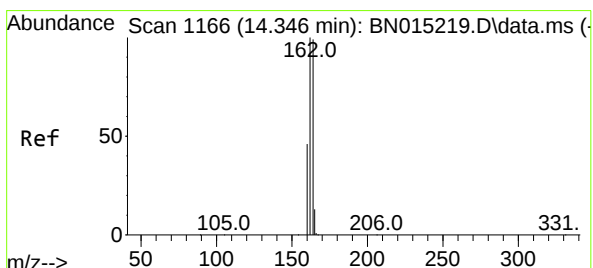
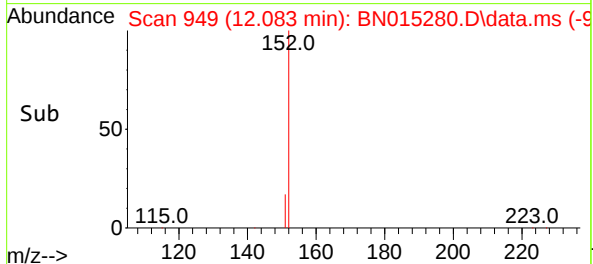
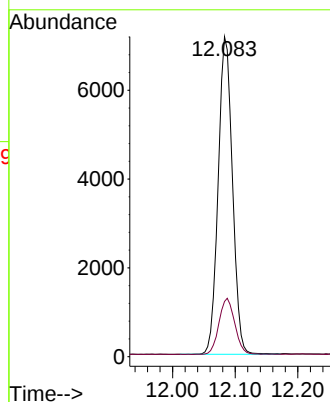
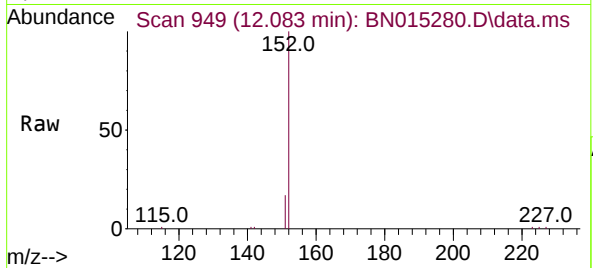




#11  
2-Methylnaphthalene-d10  
Concen: 0.06 ng  
RT: 12.083 min Scan# 949  
Delta R.T. -0.005 min  
Lab File: BN015280.D  
Acq: 02 Jul 2021 03:07

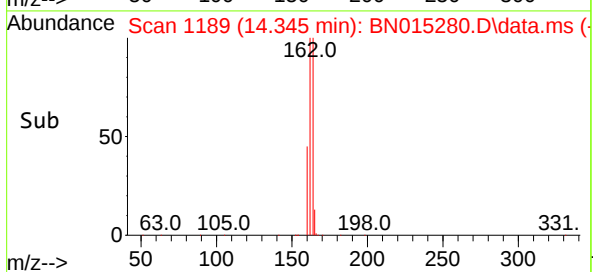
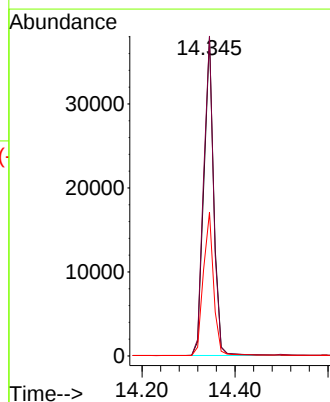
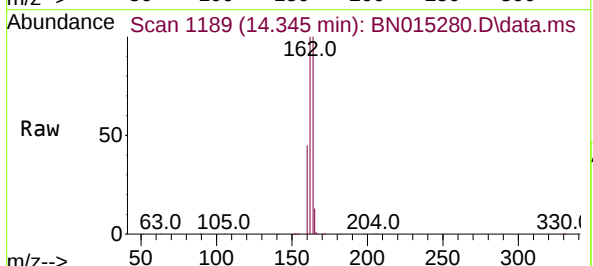
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D2-20210621DL

Tgt Ion:152 Resp: 11360  
Ion Ratio Lower Upper  
152 100  
151 19.6 16.7 25.1



#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.345 min Scan# 1189  
Delta R.T. -0.001 min  
Lab File: BN015280.D  
Acq: 02 Jul 2021 03:07

Tgt Ion:164 Resp: 56466  
Ion Ratio Lower Upper  
164 100  
162 100.2 83.8 125.6  
160 45.0 37.4 56.0

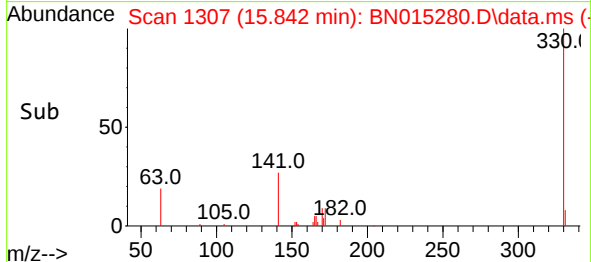
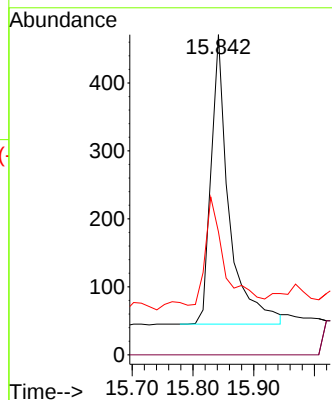
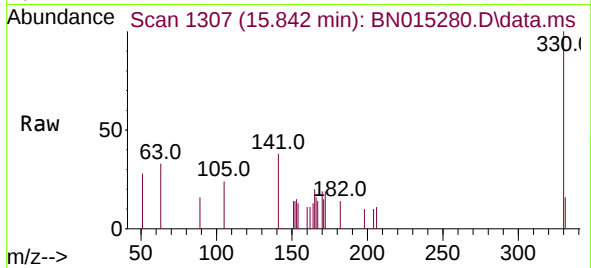




#14  
2,4,6-Tribromophenol  
Concen: 0.26 ng  
RT: 15.842 min Scan# 1307  
Delta R.T. -0.001 min  
Lab File: BN015280.D  
Acq: 02 Jul 2021 03:07

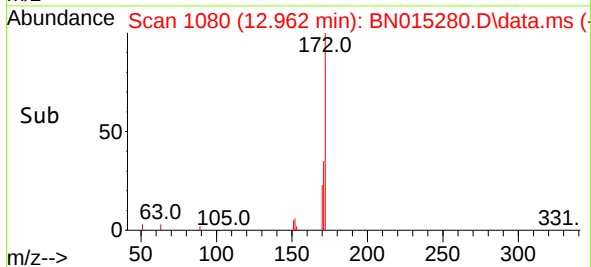
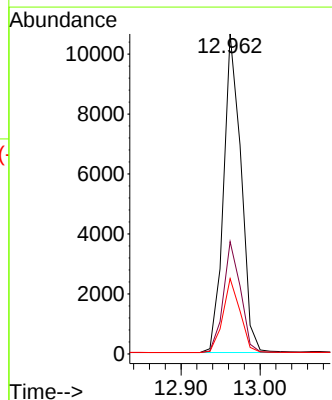
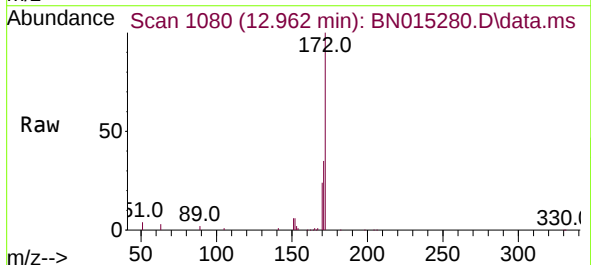
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ClientSampleId :  
RE131D2-20210621DL

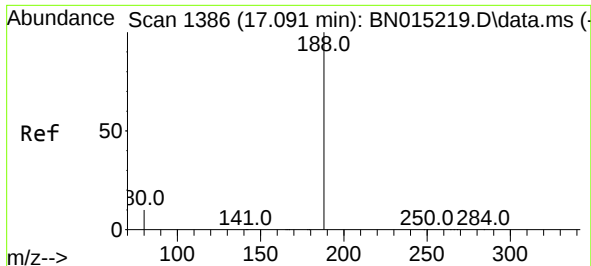
Tgt Ion: 330 Resp: 875  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 39.4 22.4 33.6#



#15  
2-Fluorobiphenyl  
Concen: 0.07 ng  
RT: 12.962 min Scan# 1080  
Delta R.T. -0.001 min  
Lab File: BN015280.D  
Acq: 02 Jul 2021 03:07

Tgt Ion: 172 Resp: 16402  
Ion Ratio Lower Upper  
172 100  
171 35.1 30.6 45.8  
170 23.6 20.2 30.4

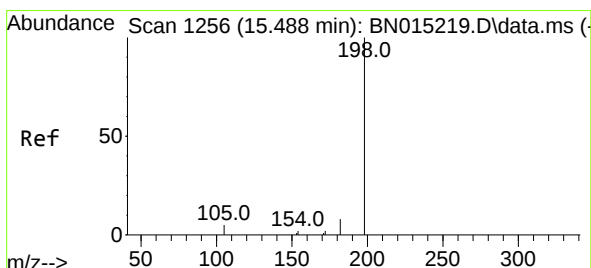
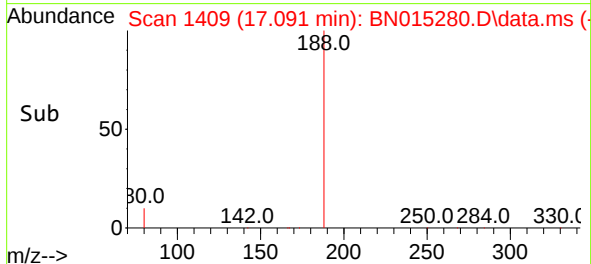
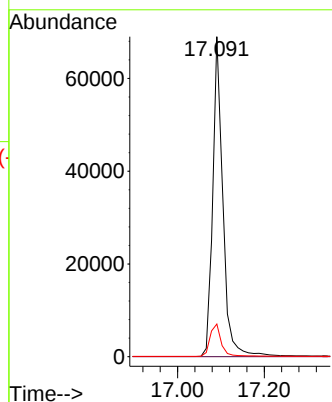
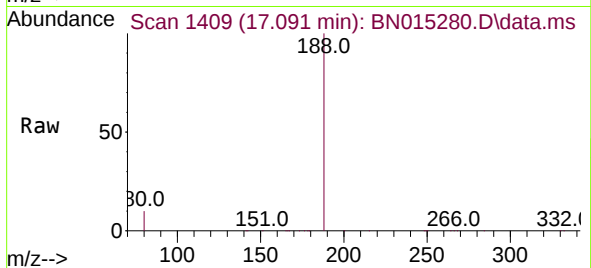




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.091 min Scan# 1409  
Delta R.T. -0.000 min  
Lab File: BN015280.D  
Acq: 02 Jul 2021 03:07

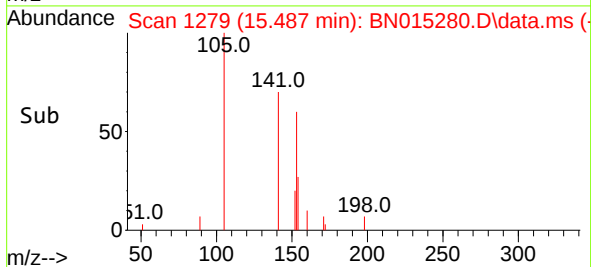
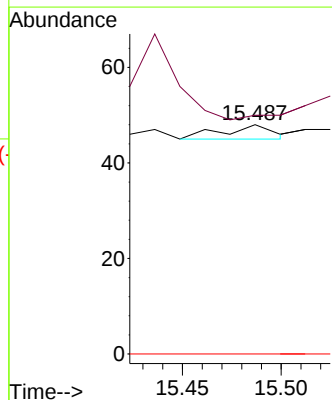
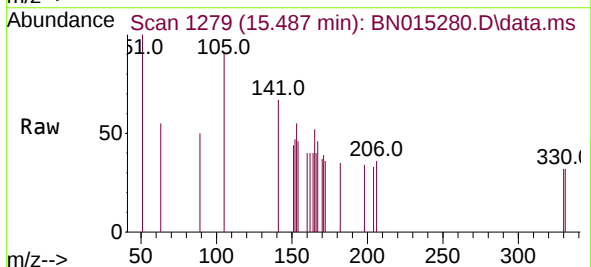
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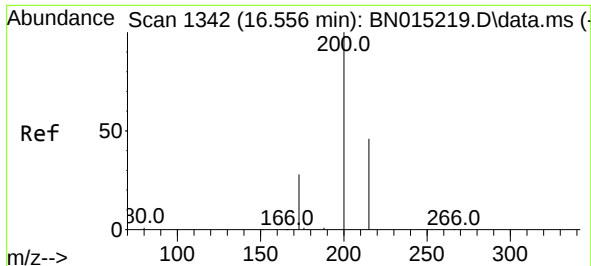
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Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.2 9.0 13.4



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.19 ng  
RT: 15.487 min Scan# 1279  
Delta R.T. -0.001 min  
Lab File: BN015280.D  
Acq: 02 Jul 2021 03:07

Tgt Ion:198 Resp: 5  
Ion Ratio Lower Upper  
198 100  
182 104.2 34.5 51.7#  
77 0.0 0.0 0.0

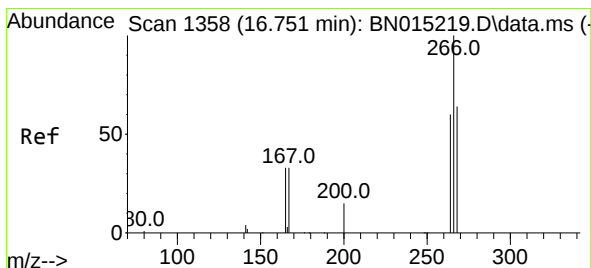
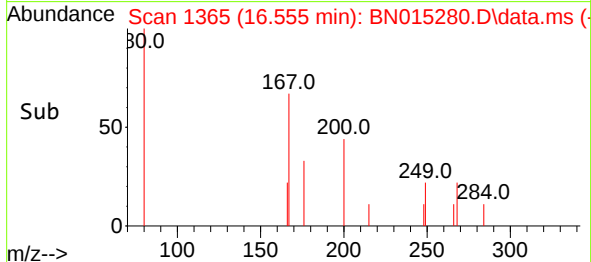
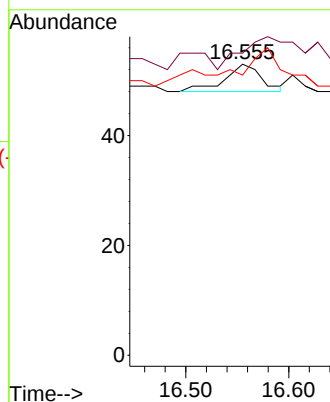
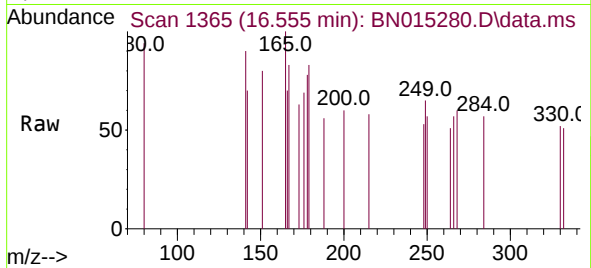




#23  
Atrazine  
Concen: 0.17 ng  
RT: 16.555 min Scan# 1365  
Delta R.T. -0.001 min  
Lab File: BN015280.D  
Acq: 02 Jul 2021 03:07

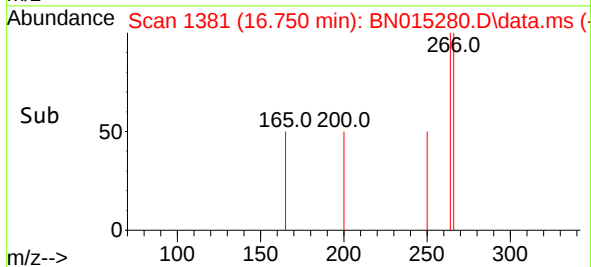
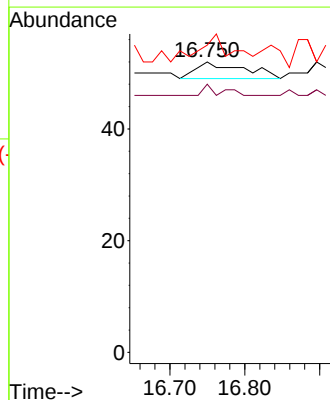
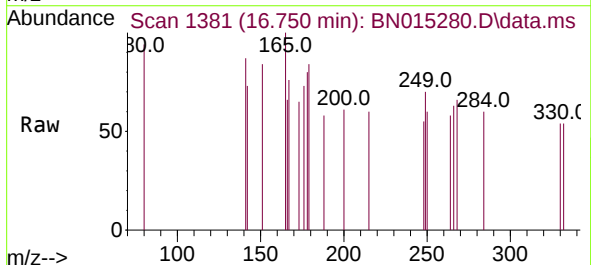
Instrument :  
BNA\_N  
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RE131D2-20210621DL

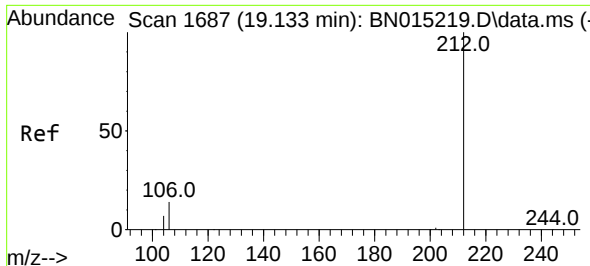
Tgt Ion:200 Resp: 12  
Ion Ratio Lower Upper  
200 100  
173 103.8 21.7 32.5#  
215 96.2 43.1 64.7#



#24  
Pentachlorophenol  
Concen: 0.24 ng  
RT: 16.750 min Scan# 1381  
Delta R.T. -0.001 min  
Lab File: BN015280.D  
Acq: 02 Jul 2021 03:07

Tgt Ion:266 Resp: 13  
Ion Ratio Lower Upper  
266 100  
264 23.1 51.0 76.4#  
268 92.3 50.6 76.0#

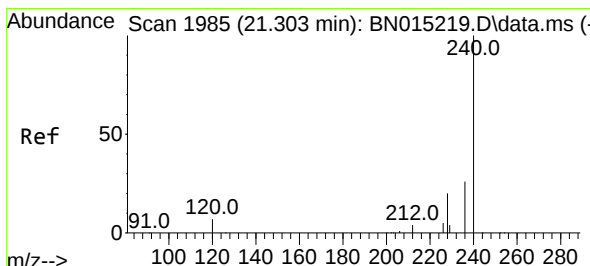
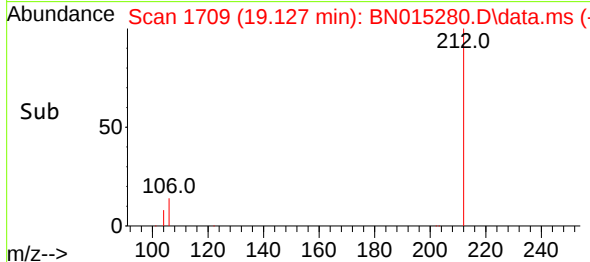
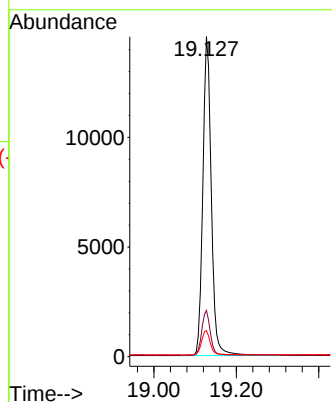
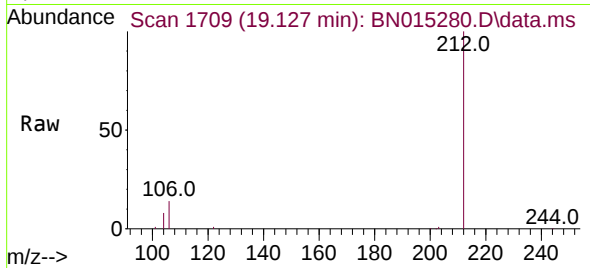




#27  
Fluoranthene-d10  
Concen: 0.06 ng  
RT: 19.127 min Scan# 1709  
Delta R.T. -0.006 min  
Lab File: BN015280.D  
Acq: 02 Jul 2021 03:07

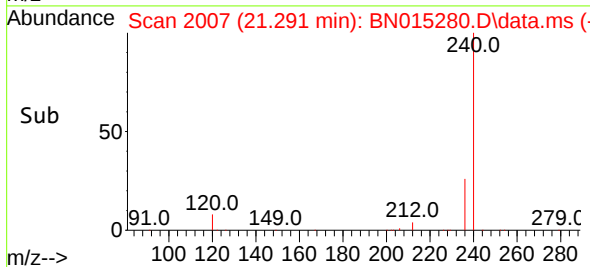
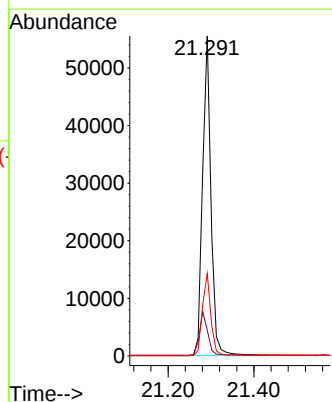
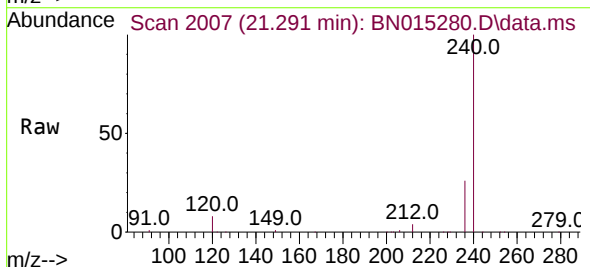
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D2-20210621DL

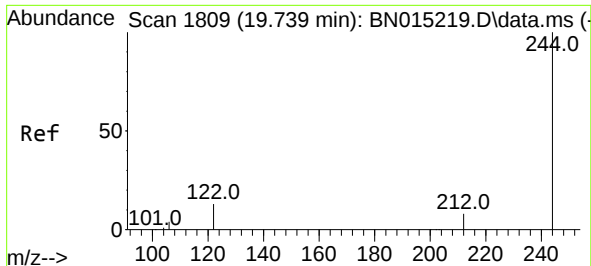
Tgt Ion:212 Resp: 20807  
Ion Ratio Lower Upper  
212 100  
106 14.0 7.0 10.6#  
104 7.9 4.1 6.1#



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.291 min Scan# 2007  
Delta R.T. -0.012 min  
Lab File: BN015280.D  
Acq: 02 Jul 2021 03:07

Tgt Ion:240 Resp: 75448  
Ion Ratio Lower Upper  
240 100  
120 8.1 4.2 6.4#  
236 25.8 21.4 32.2

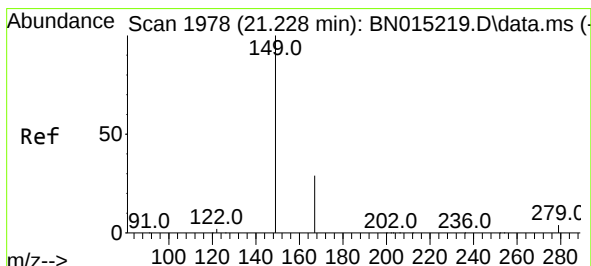
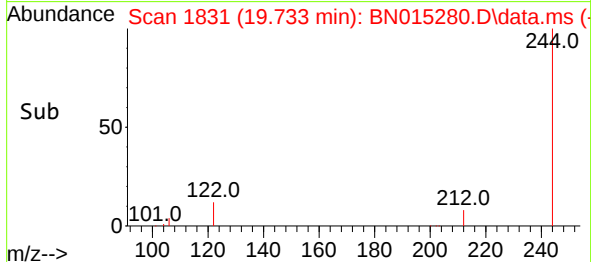
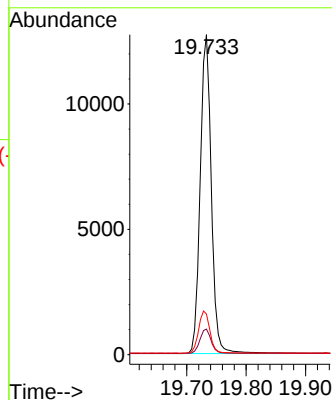
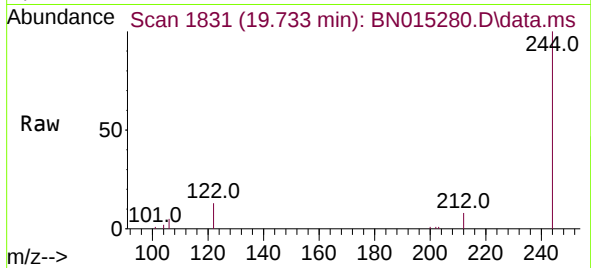




#31  
 Terphenyl-d14  
 Concen: 0.09 ng  
 RT: 19.733 min Scan# 1831  
 Delta R.T. -0.006 min  
 Lab File: BN015280.D  
 Acq: 02 Jul 2021 03:07

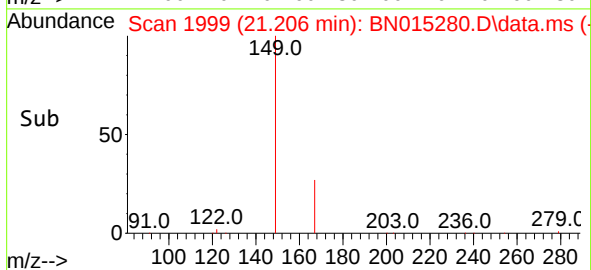
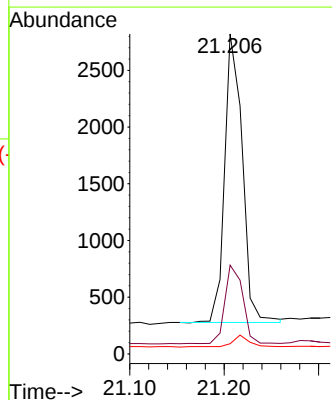
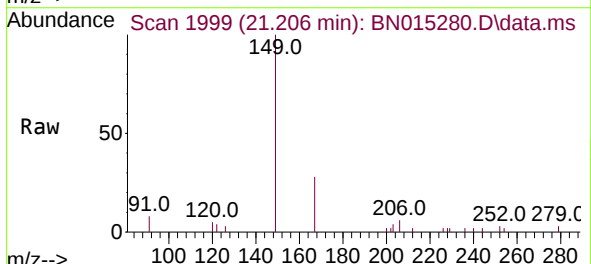
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE131D2-20210621DL

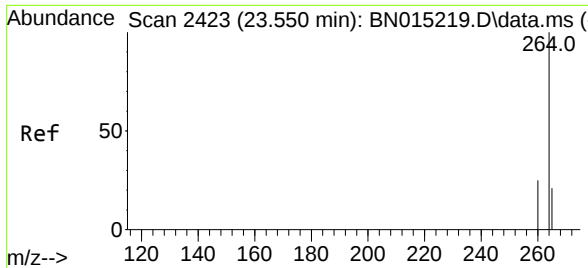
Tgt Ion:244 Resp: 16442  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.3 9.5  
 122 12.7 6.2 9.2#



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.18 ng  
 RT: 21.206 min Scan# 1999  
 Delta R.T. -0.022 min  
 Lab File: BN015280.D  
 Acq: 02 Jul 2021 03:07

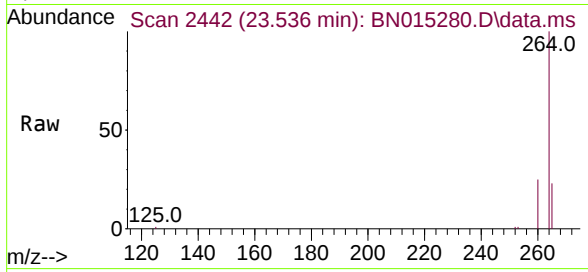
Tgt Ion:149 Resp: 3301  
 Ion Ratio Lower Upper  
 149 100  
 167 27.7 28.9 43.3#  
 279 4.2 4.9 7.3#





#35  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.536 min Scan# 2442  
 Delta R.T. -0.014 min  
 Lab File: BN015280.D  
 Acq: 02 Jul 2021 03:07

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE131D2-20210621DL



Tgt Ion:264 Resp: 59147

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.0  | 20.6  | 31.0  |
| 265 | 23.4  | 21.4  | 32.2  |

