

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100821\  
 Data File : BN016859.D  
 Acq On : 09 Oct 2021 00:11  
 Operator : CG/JU  
 Sample : M4096-09  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MWHR2-6-100421

Quant Time: Oct 09 00:46:09 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN100721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 08 15:46:07 2021  
 Response via : Initial Calibration

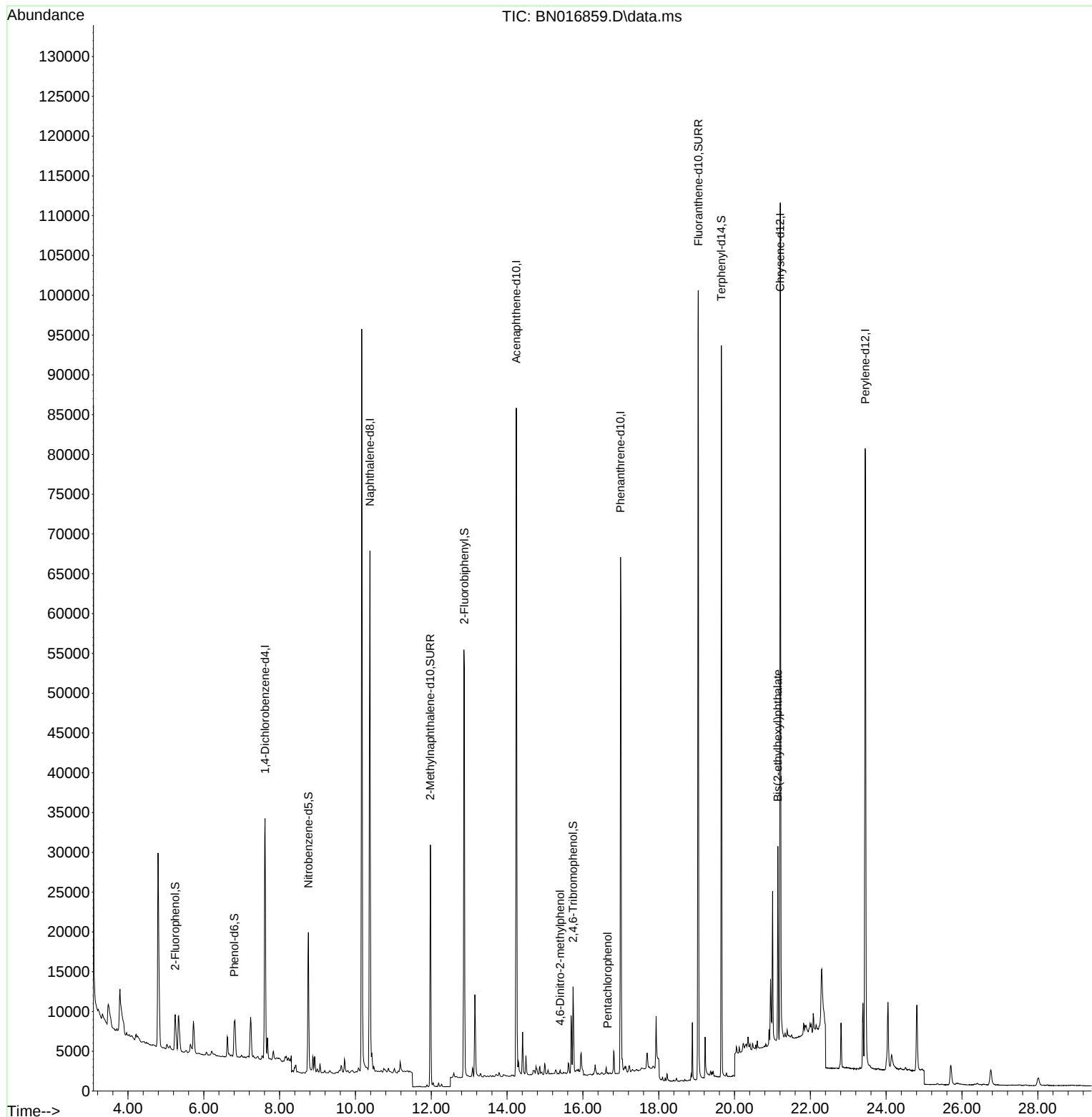
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.615  | 152  | 19176    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.381 | 136  | 87814    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.243 | 164  | 47494    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.993 | 188  | 95414    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.206 | 240  | 98817    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.447 | 264  | 105021   | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.245  | 112  | 6246     | 0.130 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.803  | 99   | 4102     | 0.075 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.759  | 82   | 16498    | 0.268 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.976 | 152  | 41369    | 0.316 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.741 | 330  | 9052     | 0.368 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.873 | 172  | 54422    | 0.284 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.043 | 212  | 111917   | 0.422 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.654 | 244  | 92284    | 0.428 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 20) 4,6-Dinitro-2-methylph... | 15.398 | 198  | 13       | 0.208 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.653 | 266  | 120      | 0.107 | ng    | 94       |
| 34) Bis(2-ethylhexyl)phtha... | 21.142 | 149  | 21406    | 0.138 | ng    | 99       |

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

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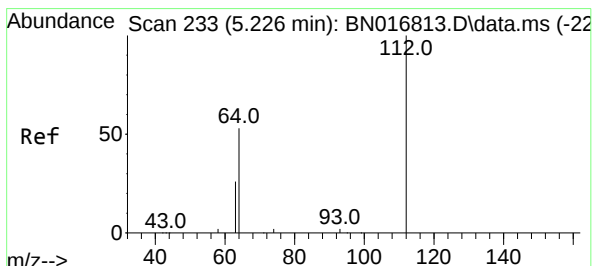
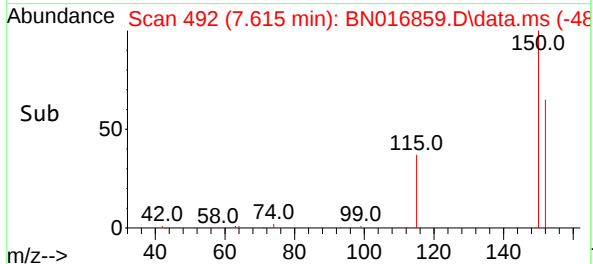
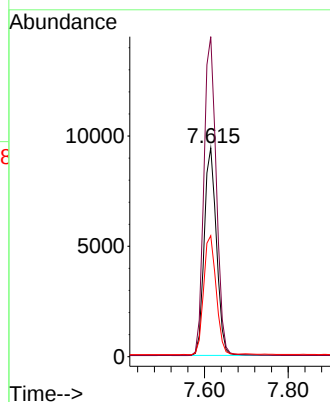
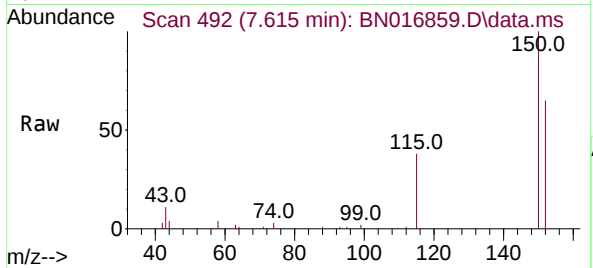




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.615 min Scan# 492  
Delta R.T. 0.001 min  
Lab File: BN016859.D  
Acq: 09 Oct 2021 00:11

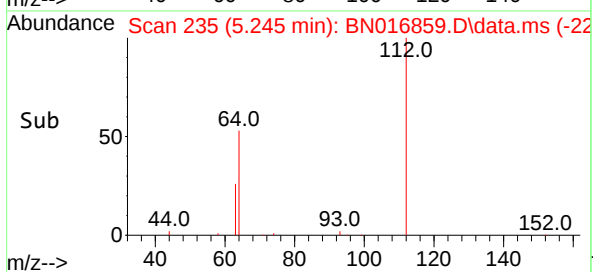
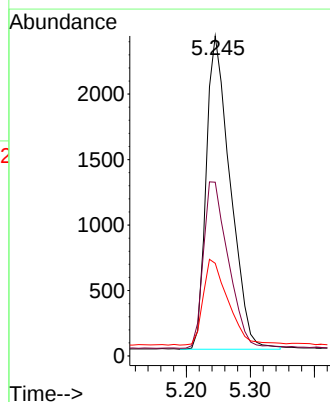
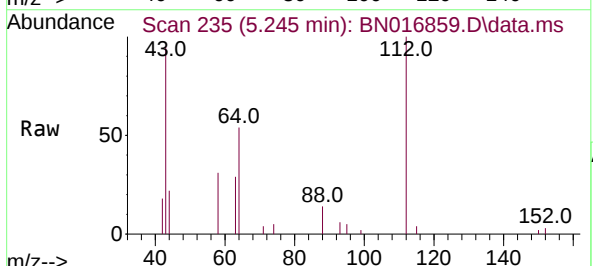
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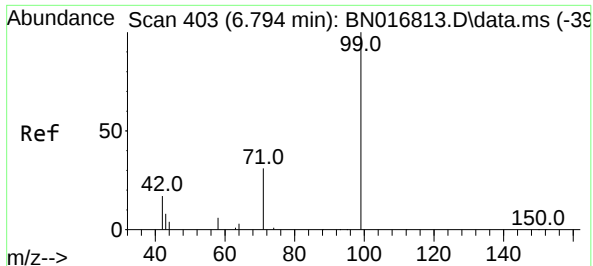
Tgt Ion:152 Resp: 19176  
Ion Ratio Lower Upper  
152 100  
150 153.3 123.3 184.9  
115 58.0 47.0 70.6



#4  
2-Fluorophenol  
Concen: 0.130 ng  
RT: 5.245 min Scan# 235  
Delta R.T. 0.010 min  
Lab File: BN016859.D  
Acq: 09 Oct 2021 00:11

Tgt Ion:112 Resp: 6246  
Ion Ratio Lower Upper  
112 100  
64 55.4 42.9 64.3  
63 28.4 21.5 32.3

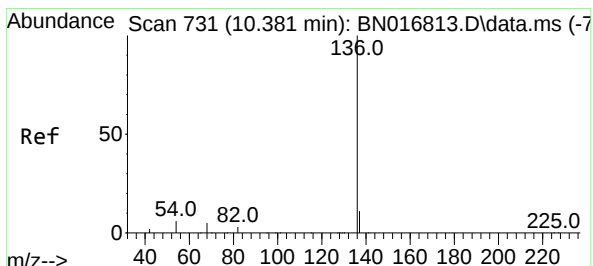
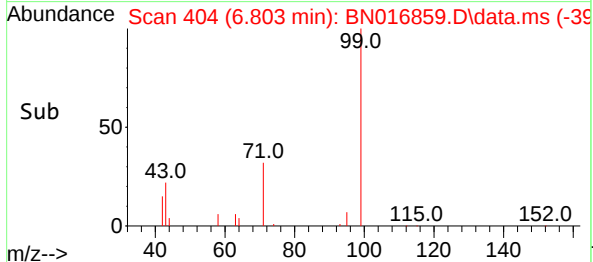
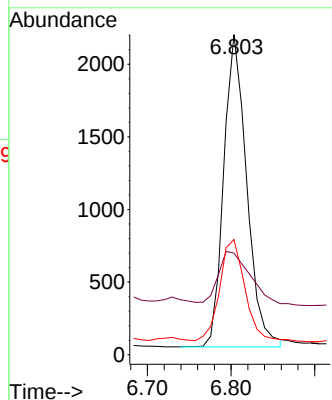
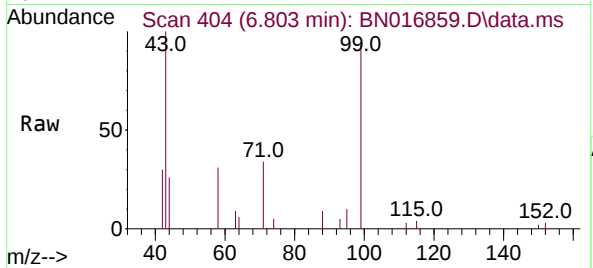




#5  
Phenol-d6  
Concen: 0.075 ng  
RT: 6.803 min Scan# 404  
Delta R.T. 0.010 min  
Lab File: BN016859.D  
Acq: 09 Oct 2021 00:11

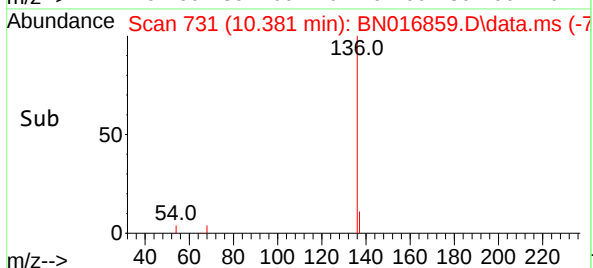
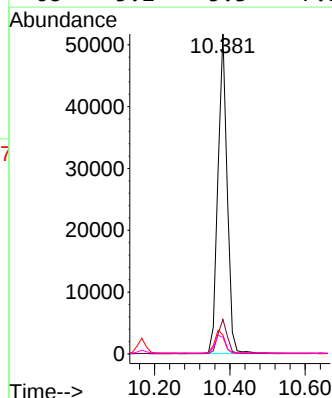
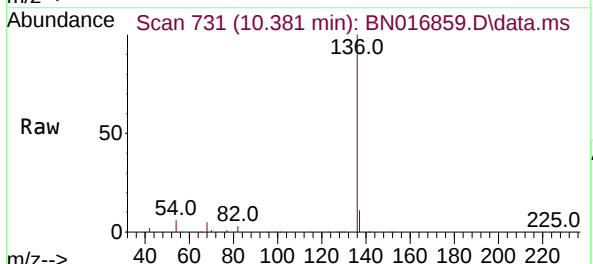
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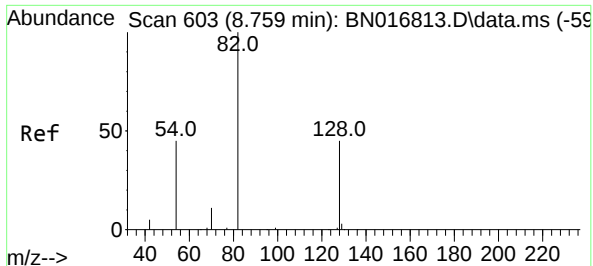
Tgt Ion: 99 Resp: 4102  
Ion Ratio Lower Upper  
99 100  
42 22.5 13.4 20.2#  
71 34.9 24.0 36.0



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.381 min Scan# 731  
Delta R.T. 0.000 min  
Lab File: BN016859.D  
Acq: 09 Oct 2021 00:11

Tgt Ion: 136 Resp: 87814  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.9 13.3  
54 5.9 6.5 9.7#  
68 5.2 5.3 7.9#

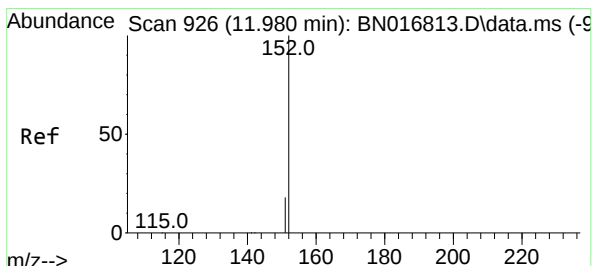
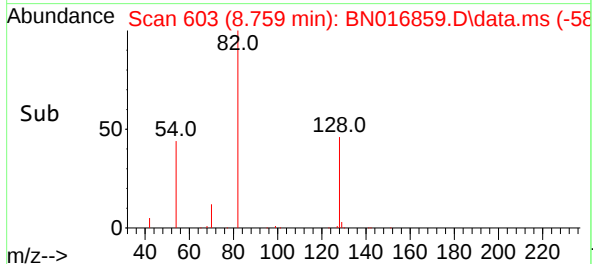
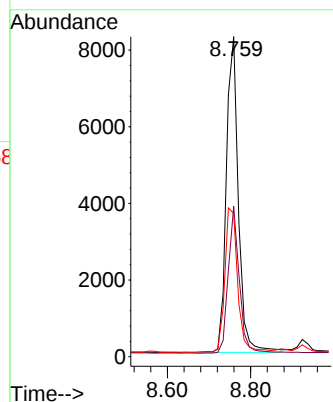
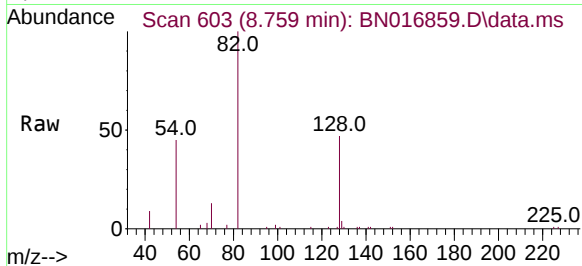




#8  
Nitrobenzene-d5  
Concen: 0.268 ng  
RT: 8.759 min Scan# 603  
Delta R.T. 0.000 min  
Lab File: BN016859.D  
Acq: 09 Oct 2021 00:11

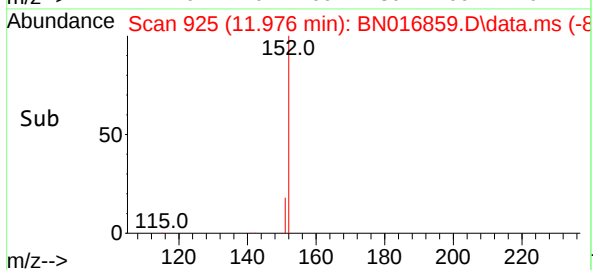
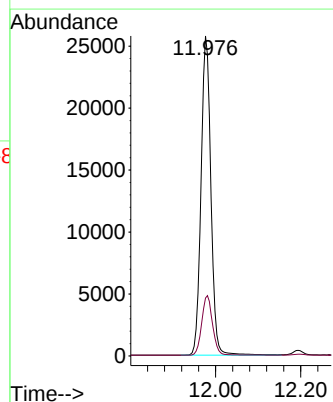
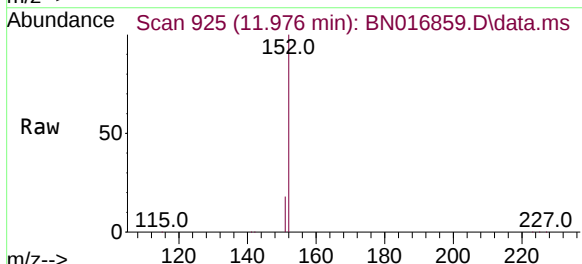
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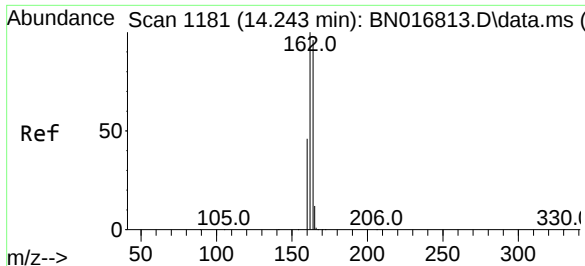
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 47.0  | 33.8  | 50.6  |
| 54      | 44.7  | 38.5  | 57.7  |



#11  
2-Methylnaphthalene-d10  
Concen: 0.316 ng  
RT: 11.976 min Scan# 925  
Delta R.T. -0.004 min  
Lab File: BN016859.D  
Acq: 09 Oct 2021 00:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.4  | 16.2  | 24.4  |

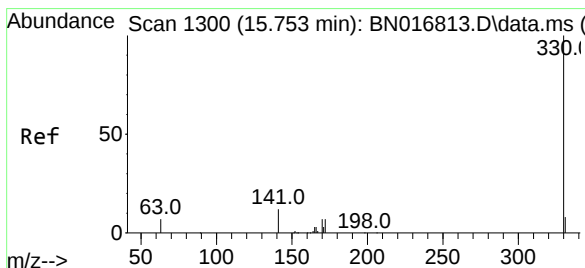
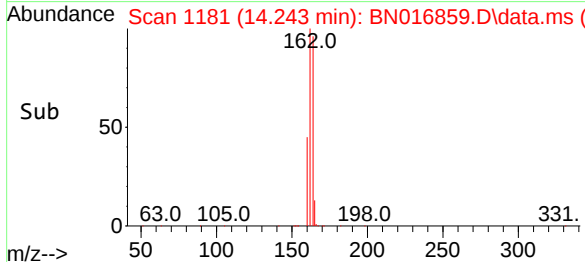
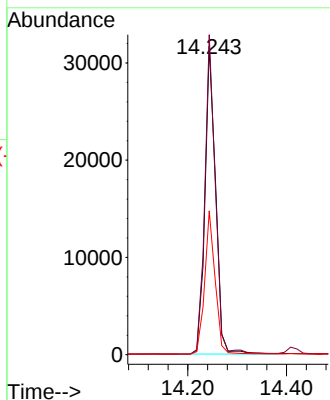
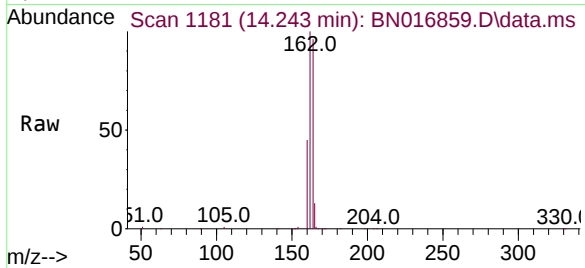




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.243 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: BN016859.D  
Acq: 09 Oct 2021 00:11

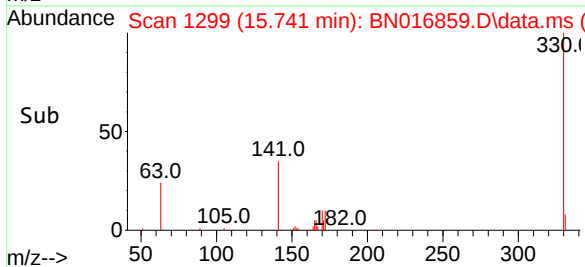
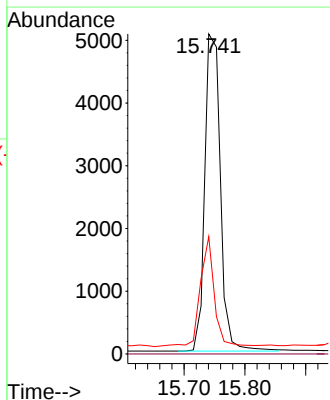
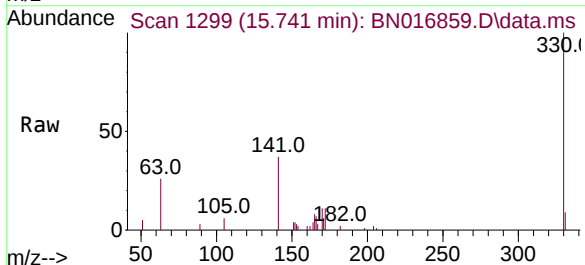
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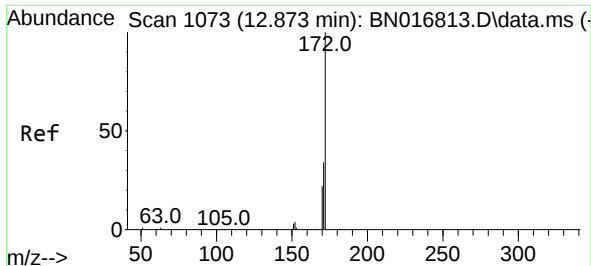
Tgt Ion:164 Resp: 47494  
Ion Ratio Lower Upper  
164 100  
162 103.8 82.6 124.0  
160 46.6 38.2 57.2



#14  
2,4,6-Tribromophenol  
Concen: 0.368 ng  
RT: 15.741 min Scan# 1299  
Delta R.T. -0.012 min  
Lab File: BN016859.D  
Acq: 09 Oct 2021 00:11

Tgt Ion:330 Resp: 9052  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 29.1 24.2 36.2

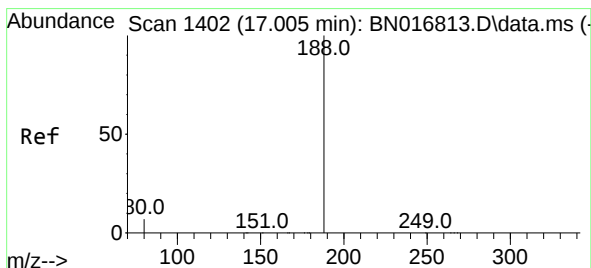
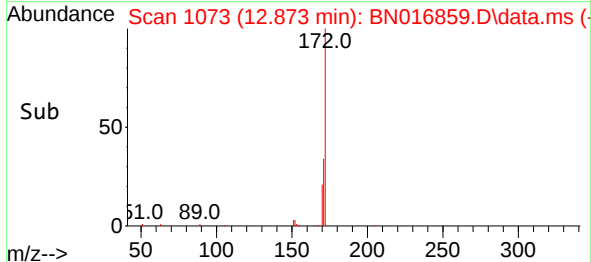
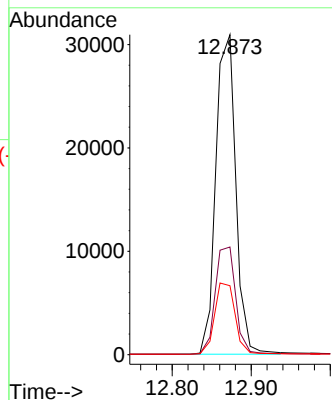
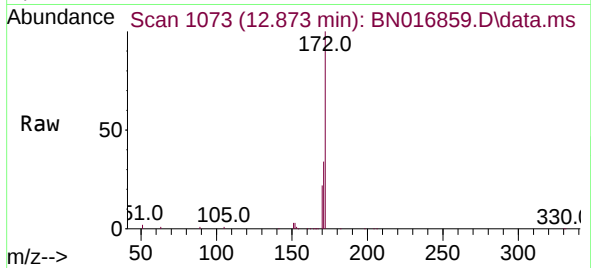




#15  
2-Fluorobiphenyl  
Concen: 0.284 ng  
RT: 12.873 min Scan# 1073  
Delta R.T. 0.000 min  
Lab File: BN016859.D  
Acq: 09 Oct 2021 00:11

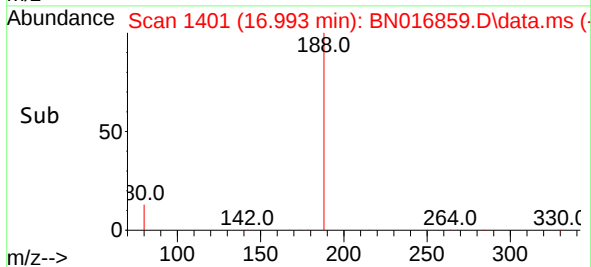
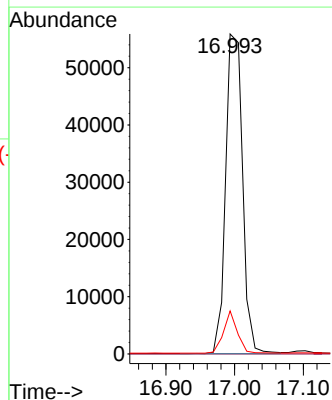
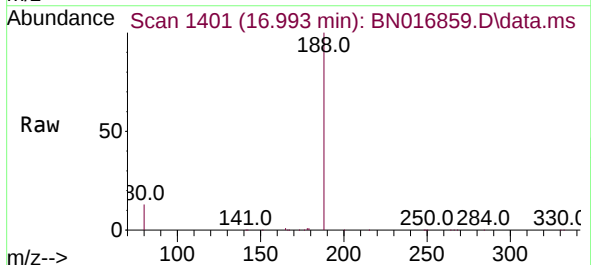
Instrument :  
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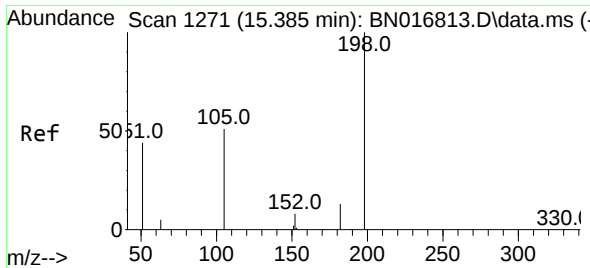
Tgt Ion:172 Resp: 54422  
Ion Ratio Lower Upper  
172 100  
171 33.7 26.9 40.3  
170 21.5 17.4 26.0



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.993 min Scan# 1401  
Delta R.T. -0.012 min  
Lab File: BN016859.D  
Acq: 09 Oct 2021 00:11

Tgt Ion:188 Resp: 95414  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.4 5.8 8.8#

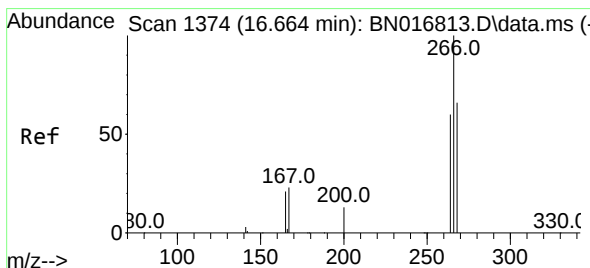
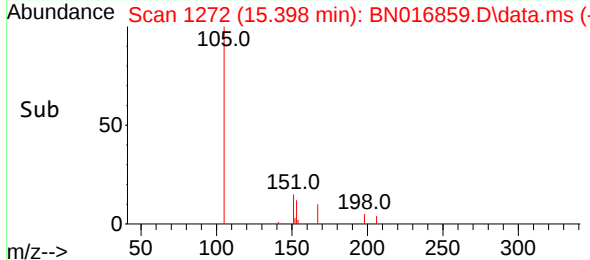
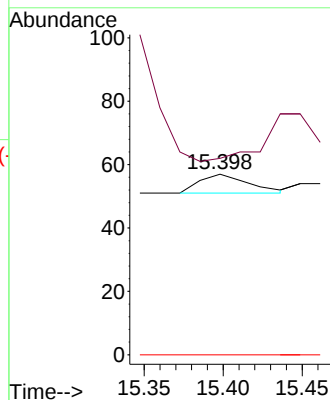
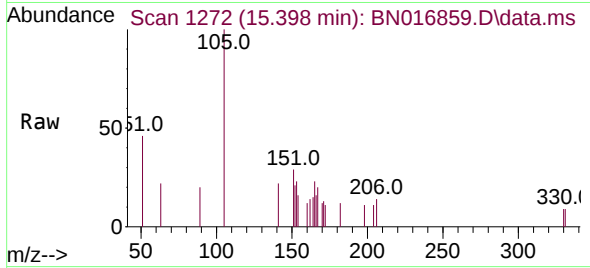




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.208 ng  
RT: 15.398 min Scan# 1272  
Delta R.T. 0.013 min  
Lab File: BN016859.D  
Acq: 09 Oct 2021 00:11

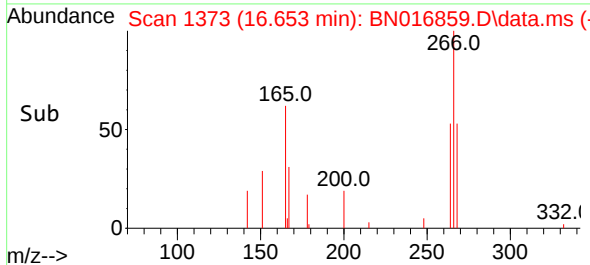
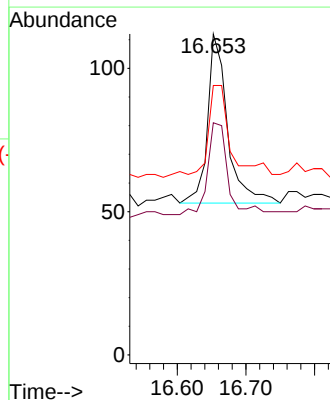
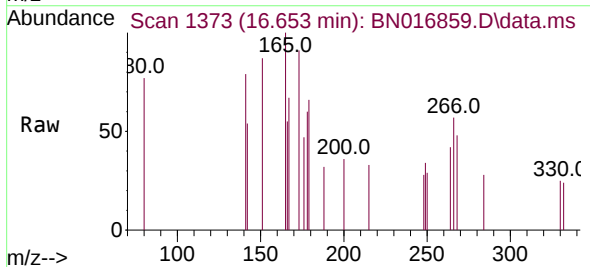
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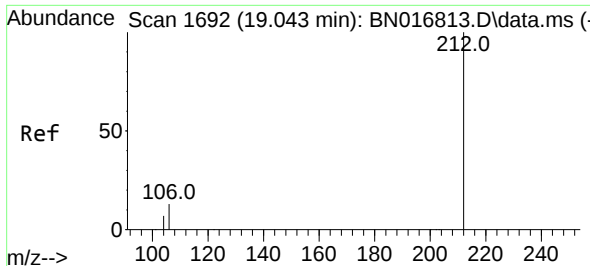
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 198   | Resp: | 13    |
| Ion      | Ratio | Lower | Upper |
| 198      | 100   |       |       |
| 182      | 108.8 | 26.2  | 39.2# |
| 77       | 0.0   | 0.0   | 0.0   |



#24  
Pentachlorophenol  
Concen: 0.107 ng  
RT: 16.653 min Scan# 1373  
Delta R.T. 0.000 min  
Lab File: BN016859.D  
Acq: 09 Oct 2021 00:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 266   | Resp: | 120   |
| Ion      | Ratio | Lower | Upper |
| 266      | 100   |       |       |
| 264      | 55.0  | 49.3  | 73.9  |
| 268      | 62.5  | 51.8  | 77.8  |

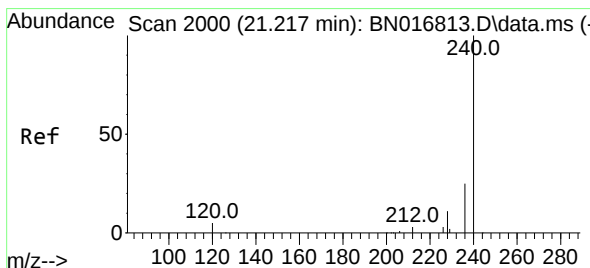
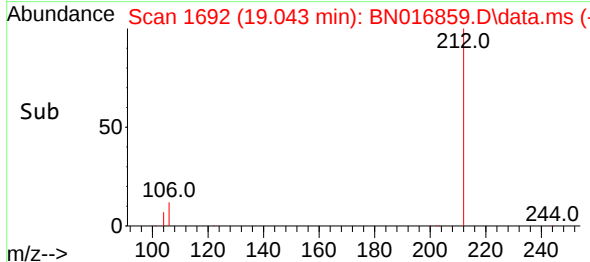
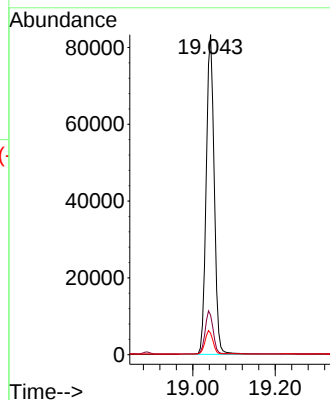
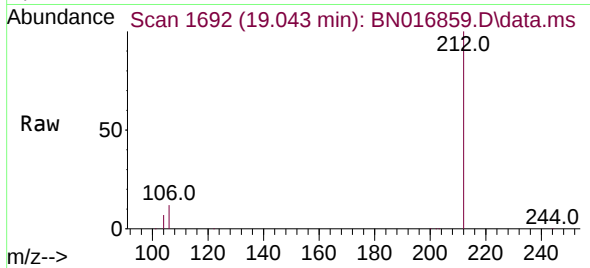




#27  
Fluoranthene-d10  
Concen: 0.422 ng  
RT: 19.043 min Scan# 1692  
Delta R.T. 0.000 min  
Lab File: BN016859.D  
Acq: 09 Oct 2021 00:11

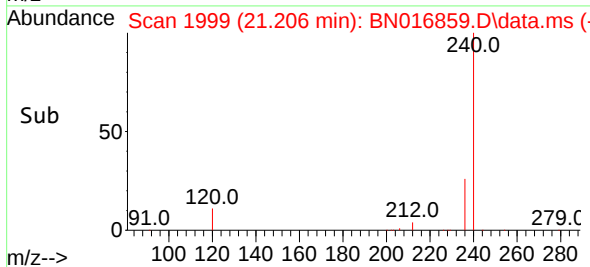
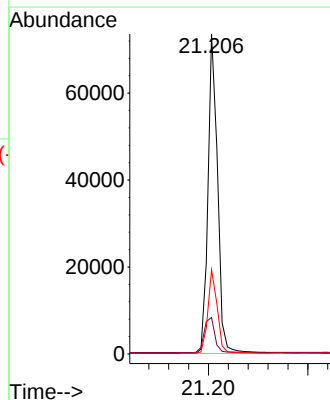
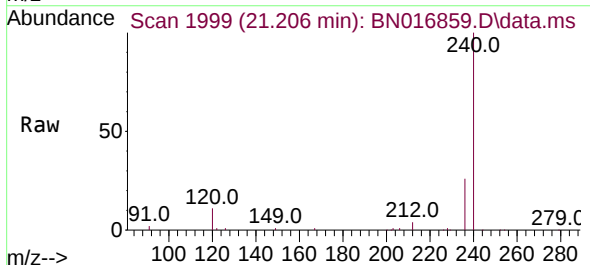
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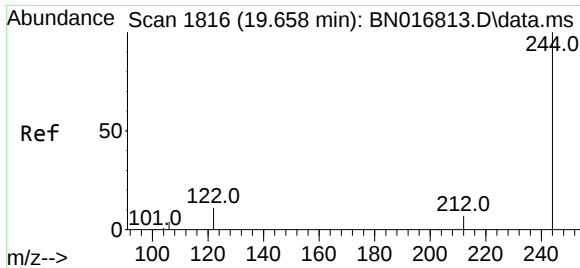
Tgt Ion:212 Resp: 111917  
Ion Ratio Lower Upper  
212 100  
106 13.6 10.6 16.0  
104 7.3 5.8 8.8



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.206 min Scan# 1999  
Delta R.T. 0.000 min  
Lab File: BN016859.D  
Acq: 09 Oct 2021 00:11

Tgt Ion:240 Resp: 98817  
Ion Ratio Lower Upper  
240 100  
120 11.4 6.6 10.0#  
236 26.3 20.7 31.1

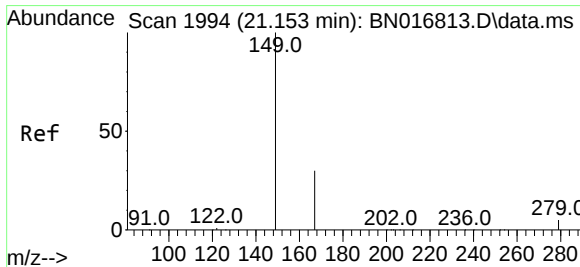
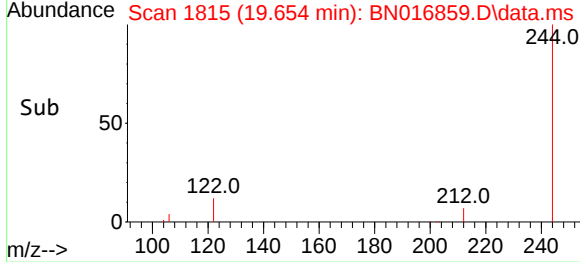
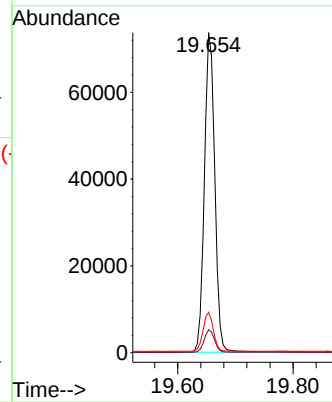
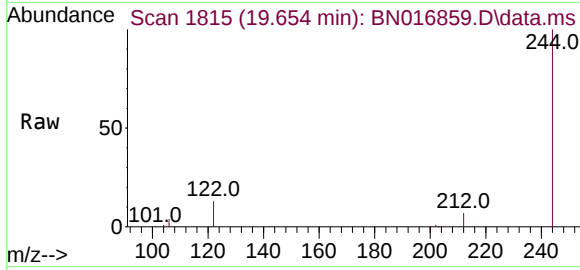




#31  
 Terphenyl-d14  
 Concen: 0.428 ng  
 RT: 19.654 min Scan# 1815  
 Delta R.T. -0.005 min  
 Lab File: BN016859.D  
 Acq: 09 Oct 2021 00:11

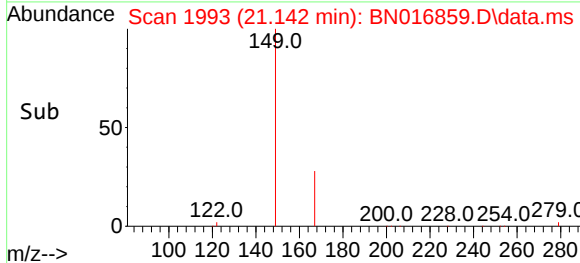
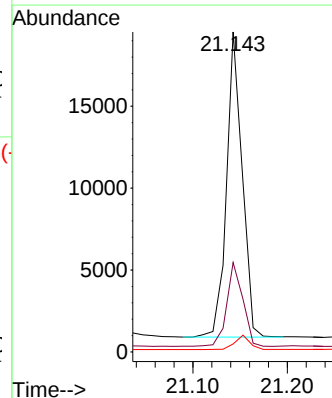
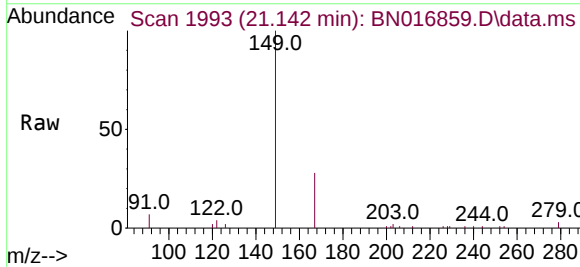
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MWHR2-6-100421

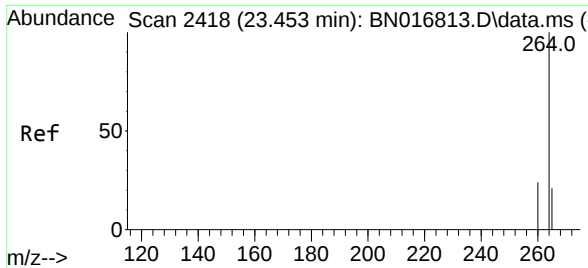
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:244 | Resp: | 92284    |
| Ion Ratio   | Lower | Upper    |
| 244         | 100   |          |
| 212         | 7.2   | 5.8 8.6  |
| 122         | 12.7  | 8.9 13.3 |



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.138 ng  
 RT: 21.142 min Scan# 1993  
 Delta R.T. -0.010 min  
 Lab File: BN016859.D  
 Acq: 09 Oct 2021 00:11

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 21406     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 167         | 28.2  | 22.2 33.4 |
| 279         | 4.6   | 3.4 5.2   |





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.447 min Scan# 2416  
 Delta R.T. -0.006 min  
 Lab File: BN016859.D  
 Acq: 09 Oct 2021 00:11

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MWHR2-6-100421

Tgt Ion:264 Resp: 105021

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.6  | 19.8  | 29.6  |
| 265 | 23.1  | 20.3  | 30.5  |

