

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100821\  
 Data File : BN016874.D  
 Acq On : 09 Oct 2021 10:24  
 Operator : CG/JU  
 Sample : M4096-06  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A3SEEP-100521

Quant Time: Oct 11 01:02:42 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

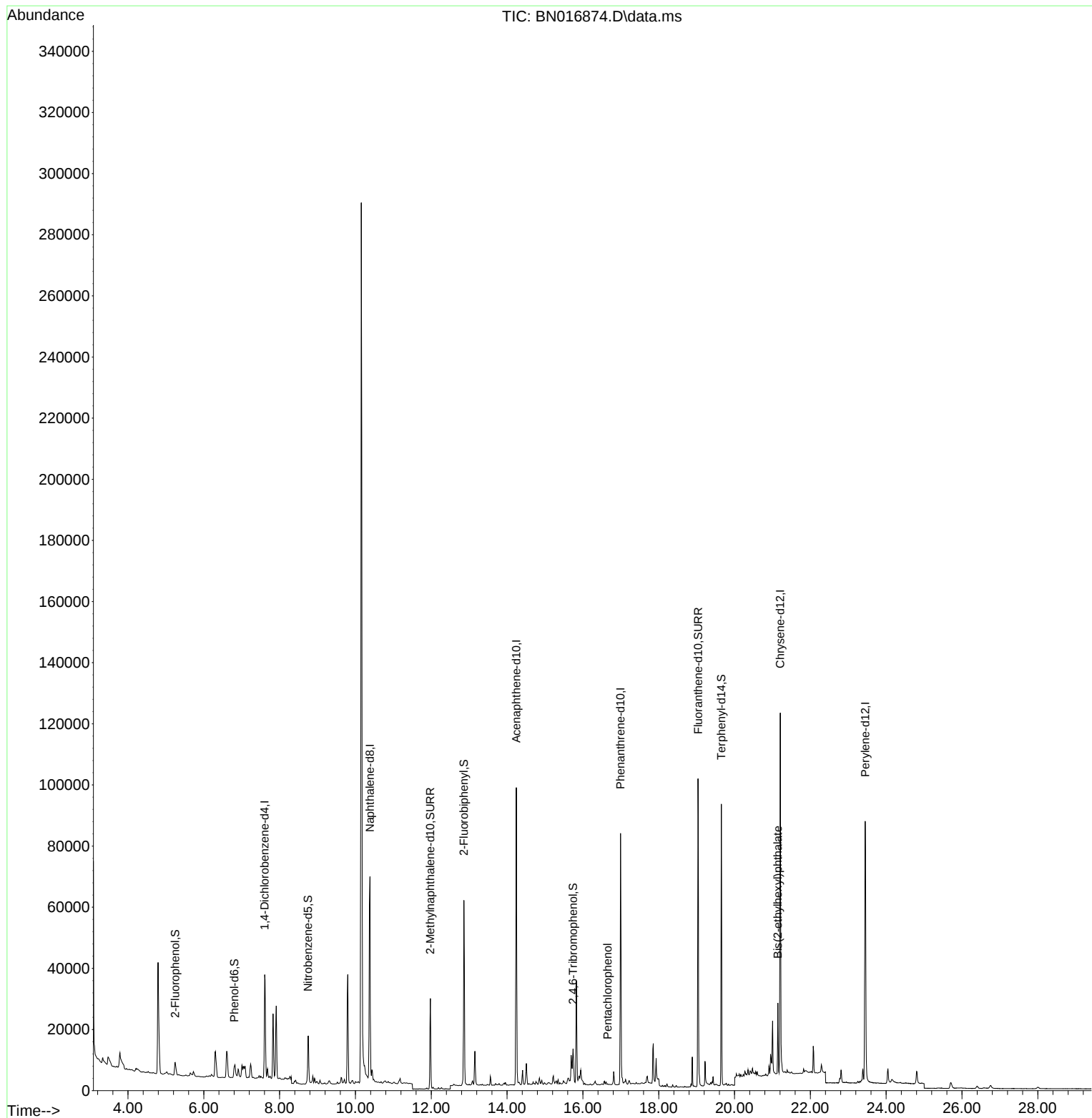
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.605  | 152  | 21423    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.381 | 136  | 95525    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.243 | 164  | 52532    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.993 | 188  | 105390   | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.206 | 240  | 108610   | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.447 | 264  | 114098   | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.245  | 112  | 5970     | 0.112 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.803  | 99   | 3739     | 0.061 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.746  | 82   | 16030    | 0.240 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.976 | 152  | 40068    | 0.282 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.740 | 330  | 8105     | 0.298 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.860 | 172  | 53600    | 0.253 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.038 | 212  | 109850   | 0.375 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.653 | 244  | 87779    | 0.371 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 24) Pentachlorophenol         | 16.652 | 266  | 136      | 0.108 | ng    | # 79     |
| 34) Bis(2-ethylhexyl)phtha... | 21.142 | 149  | 19229    | 0.113 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

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

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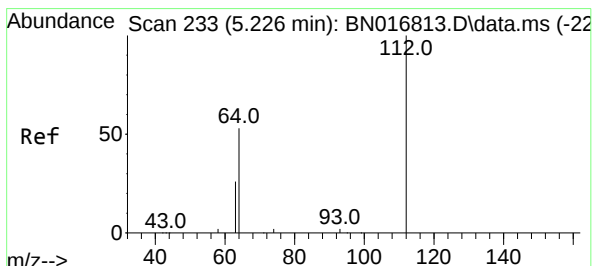
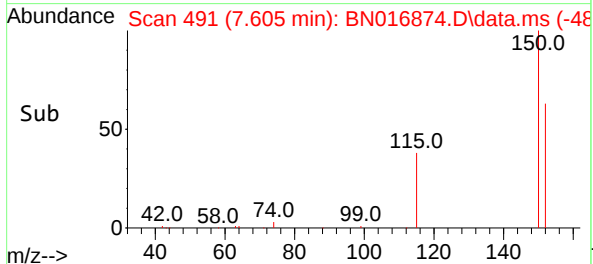
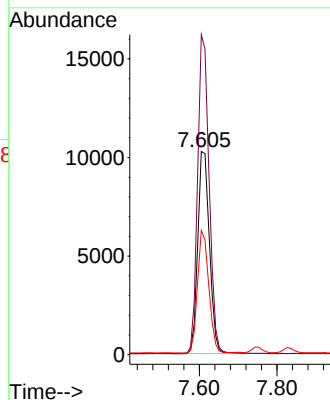
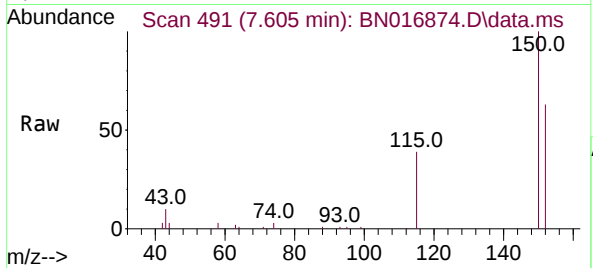




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.605 min Scan# 491  
Delta R.T. -0.009 min  
Lab File: BN016874.D  
Acq: 09 Oct 2021 10:24

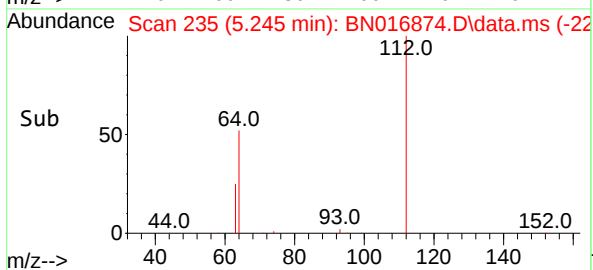
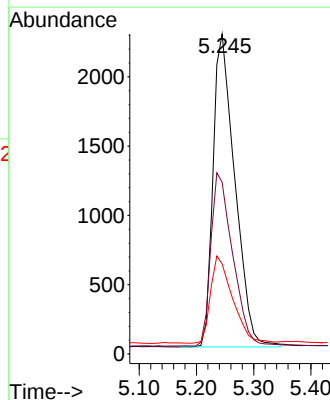
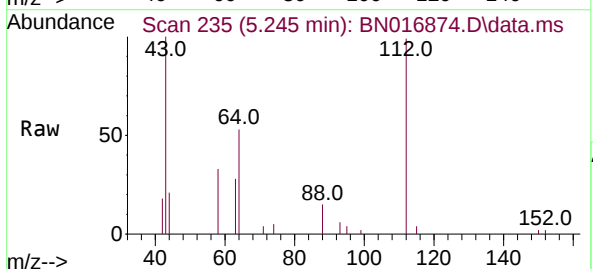
Instrument :  
BNA\_N  
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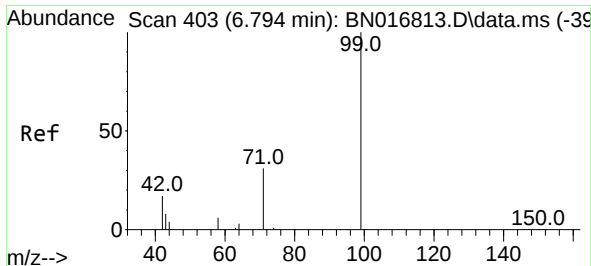
Tgt Ion:152 Resp: 21423  
Ion Ratio Lower Upper  
152 100  
150 157.5 123.3 184.9  
115 61.2 47.0 70.6



#4  
2-Fluorophenol  
Concen: 0.112 ng  
RT: 5.245 min Scan# 235  
Delta R.T. 0.009 min  
Lab File: BN016874.D  
Acq: 09 Oct 2021 10:24

Tgt Ion:112 Resp: 5970  
Ion Ratio Lower Upper  
112 100  
64 55.5 42.9 64.3  
63 28.1 21.5 32.3

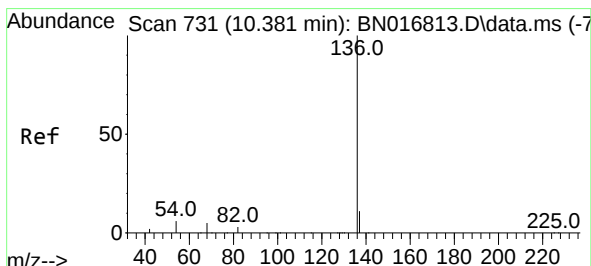
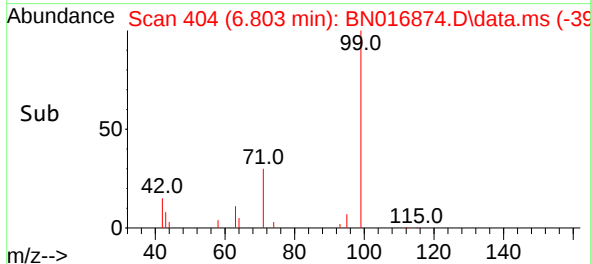
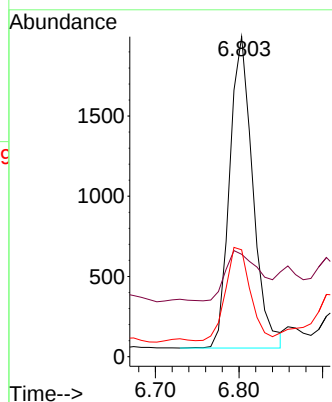
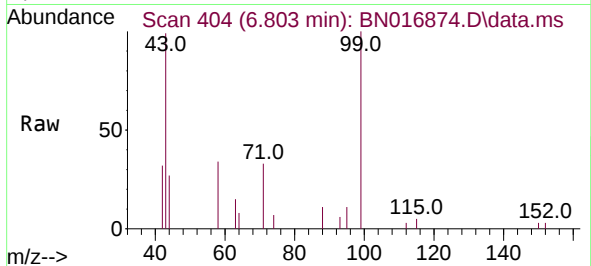




#5  
Phenol-d6  
Concen: 0.061 ng  
RT: 6.803 min Scan# 404  
Delta R.T. 0.009 min  
Lab File: BN016874.D  
Acq: 09 Oct 2021 10:24

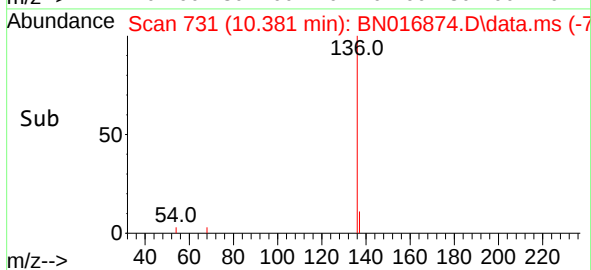
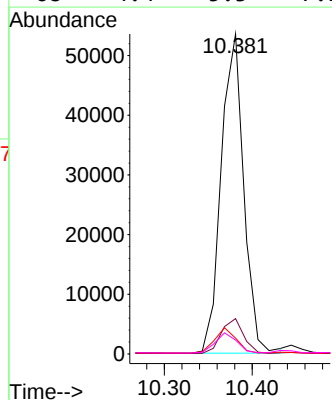
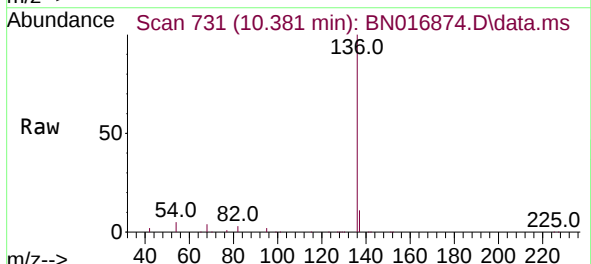
Instrument :  
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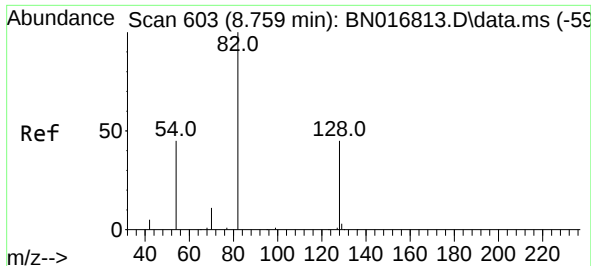
Tgt Ion: 99 Resp: 3739  
Ion Ratio Lower Upper  
99 100  
42 23.7 13.4 20.2#  
71 32.0 24.0 36.0



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.381 min Scan# 731  
Delta R.T. 0.000 min  
Lab File: BN016874.D  
Acq: 09 Oct 2021 10:24

Tgt Ion: 136 Resp: 95525  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 4.9 6.5 9.7#  
68 4.4 5.3 7.9#

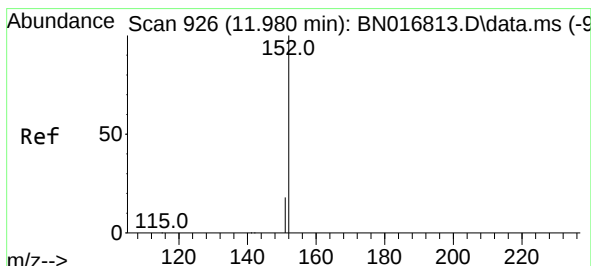
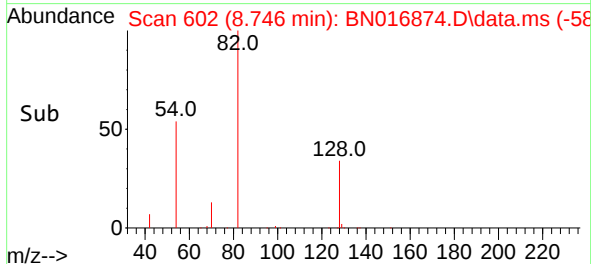
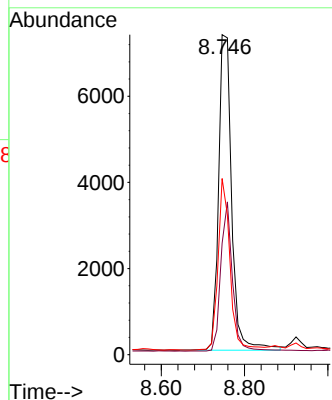
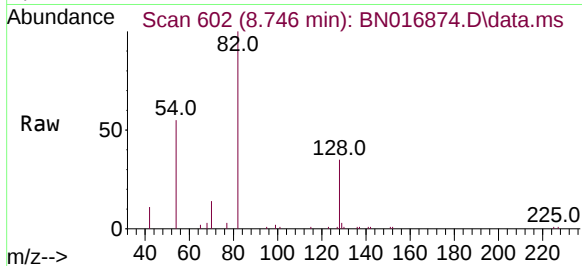




#8  
Nitrobenzene-d5  
Concen: 0.240 ng  
RT: 8.746 min Scan# 602  
Delta R.T. -0.013 min  
Lab File: BN016874.D  
Acq: 09 Oct 2021 10:24

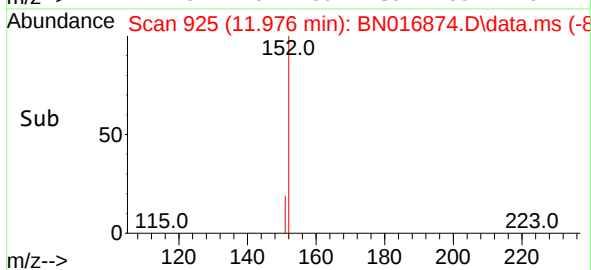
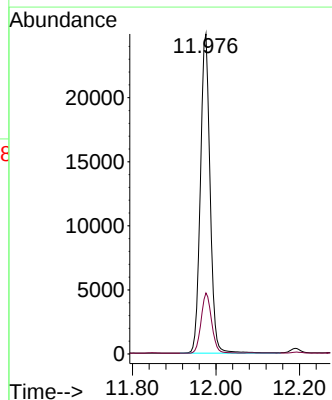
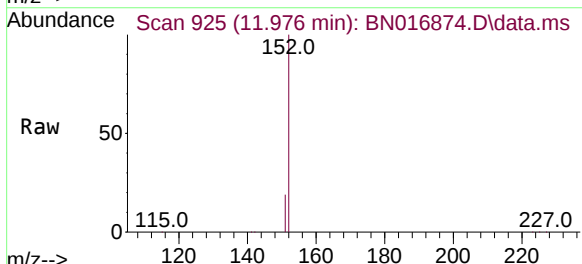
Instrument :  
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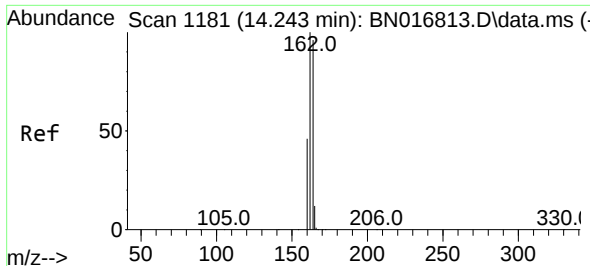
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 34.8  | 33.8  | 50.6  |
| 54      | 55.0  | 38.5  | 57.7  |



#11  
2-Methylnaphthalene-d10  
Concen: 0.282 ng  
RT: 11.976 min Scan# 925  
Delta R.T. -0.004 min  
Lab File: BN016874.D  
Acq: 09 Oct 2021 10:24

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

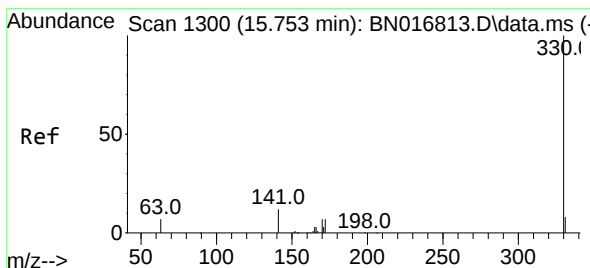
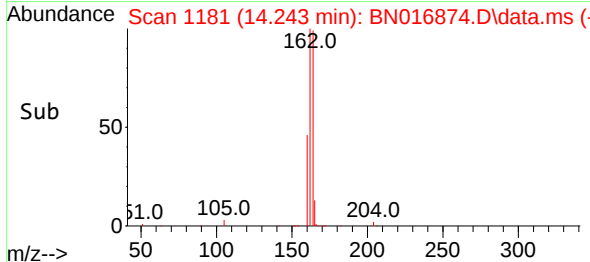
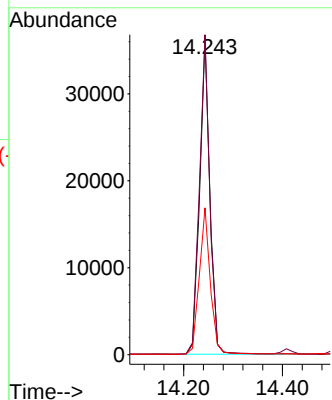
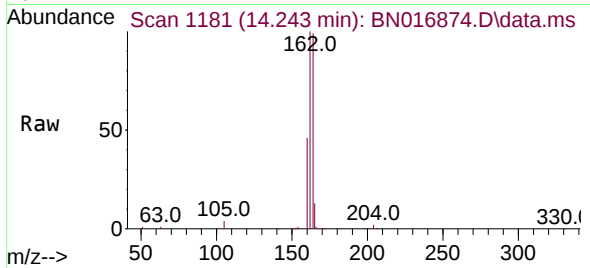




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.243 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: BN016874.D  
Acq: 09 Oct 2021 10:24

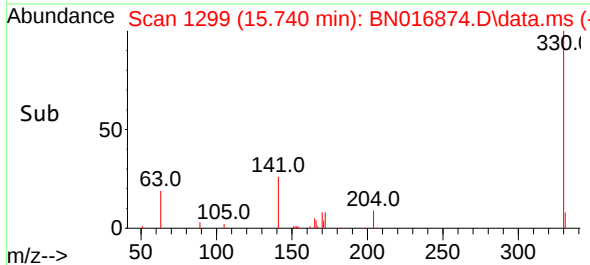
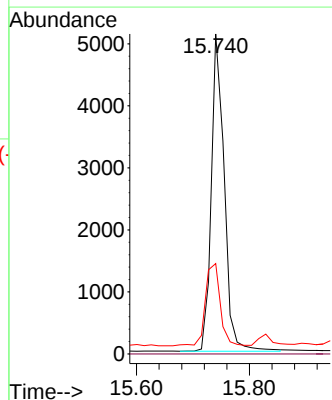
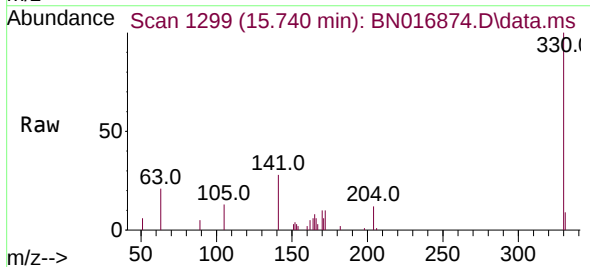
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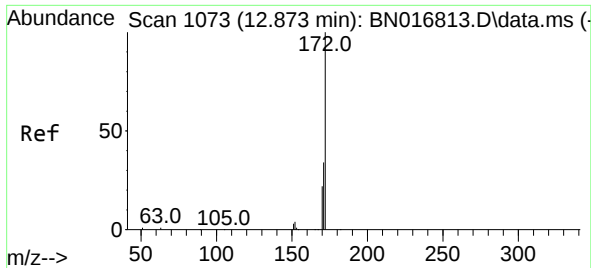
Tgt Ion:164 Resp: 52532  
Ion Ratio Lower Upper  
164 100  
162 101.0 82.6 124.0  
160 46.3 38.2 57.2



#14  
2,4,6-Tribromophenol  
Concen: 0.298 ng  
RT: 15.740 min Scan# 1299  
Delta R.T. -0.013 min  
Lab File: BN016874.D  
Acq: 09 Oct 2021 10:24

Tgt Ion:330 Resp: 8105  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 29.1 24.2 36.2

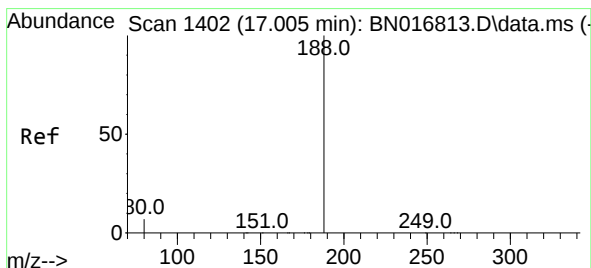
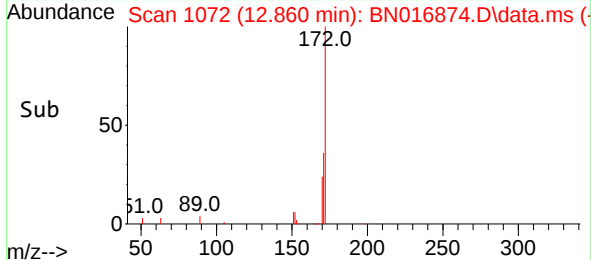
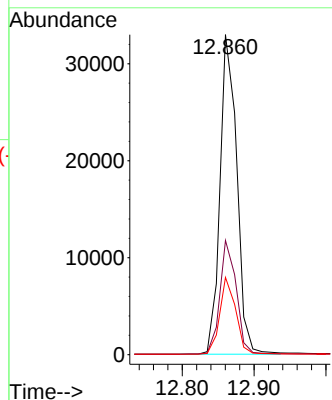
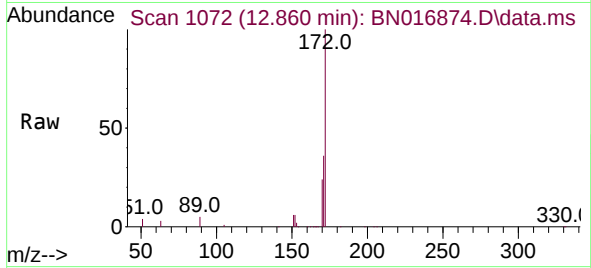




#15  
2-Fluorobiphenyl  
Concen: 0.253 ng  
RT: 12.860 min Scan# 1072  
Delta R.T. -0.013 min  
Lab File: BN016874.D  
Acq: 09 Oct 2021 10:24

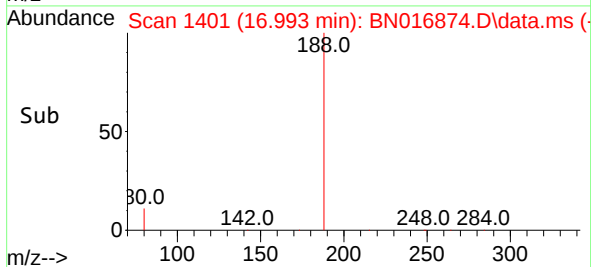
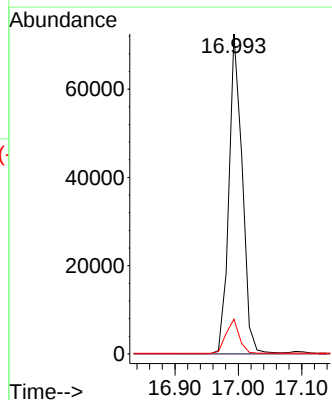
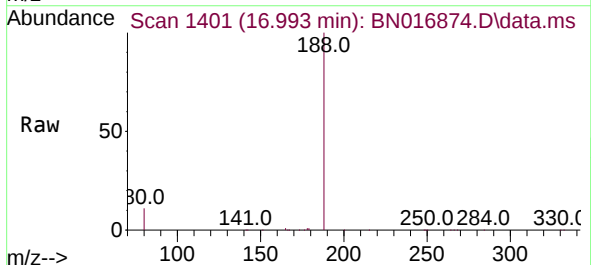
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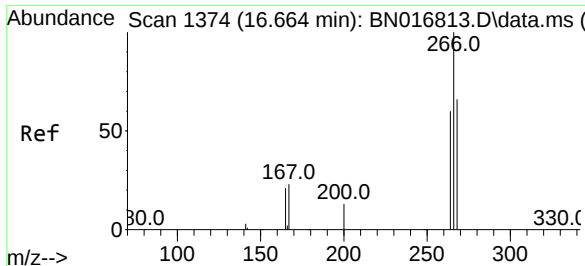
Tgt Ion:172 Resp: 53600  
Ion Ratio Lower Upper  
172 100  
171 35.7 26.9 40.3  
170 24.2 17.4 26.0



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.993 min Scan# 1401  
Delta R.T. -0.012 min  
Lab File: BN016874.D  
Acq: 09 Oct 2021 10:24

Tgt Ion:188 Resp: 105390  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.9 5.8 8.8#

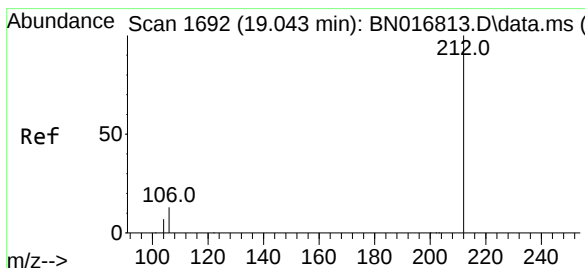
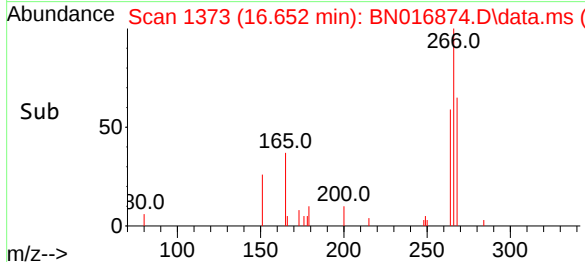
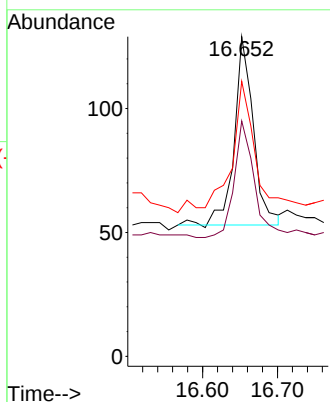
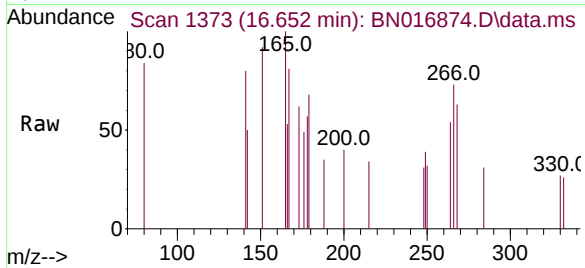




#24  
 Pentachlorophenol  
 Concen: 0.108 ng  
 RT: 16.652 min Scan# 1373  
 Delta R.T. 0.000 min  
 Lab File: BN016874.D  
 Acq: 09 Oct 2021 10:24

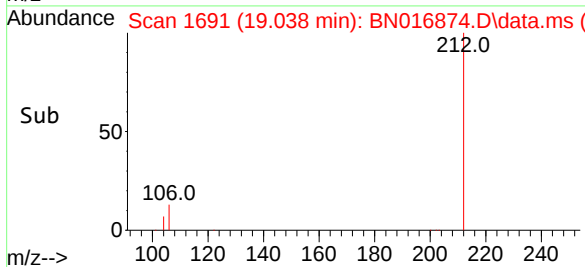
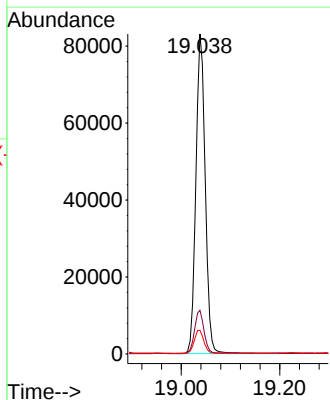
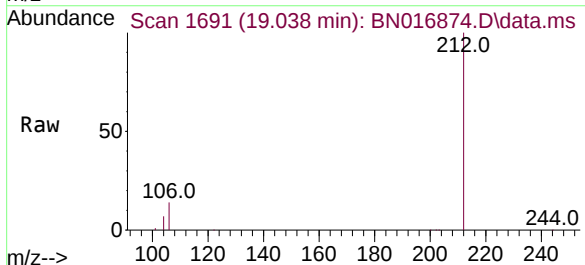
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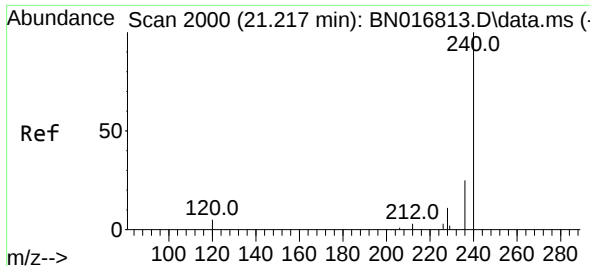
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 136  |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 67.6  | 49.3  | 73.9 |
| 268       | 91.2  | 51.8  | 77.8 |



#27  
 Fluoranthene-d10  
 Concen: 0.375 ng  
 RT: 19.038 min Scan# 1691  
 Delta R.T. -0.005 min  
 Lab File: BN016874.D  
 Acq: 09 Oct 2021 10:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 212   | Resp: | 109850 |
| Ion Ratio | Lower | Upper |        |
| 212       | 100   |       |        |
| 106       | 13.6  | 10.6  | 16.0   |
| 104       | 7.4   | 5.8   | 8.8    |

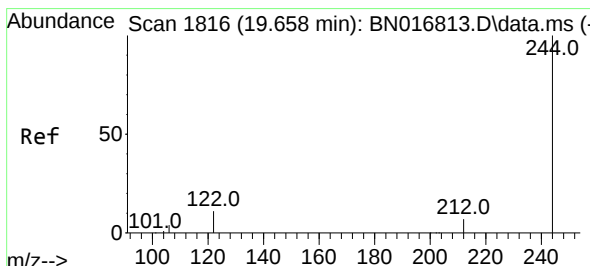
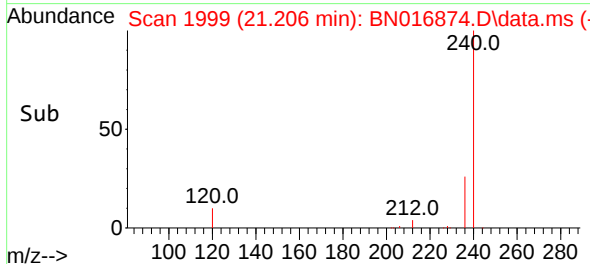
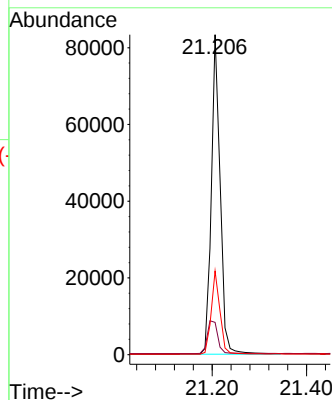
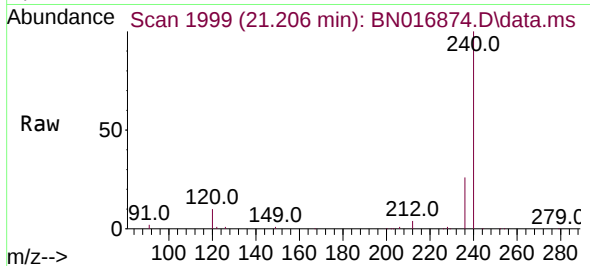




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.206 min Scan# 1999  
Delta R.T. 0.000 min  
Lab File: BN016874.D  
Acq: 09 Oct 2021 10:24

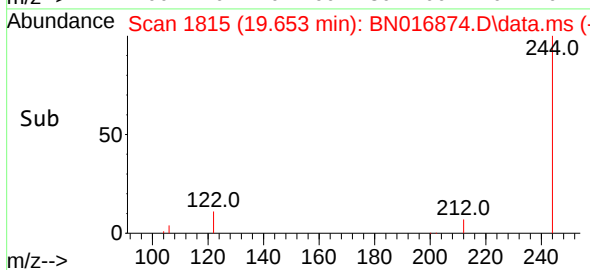
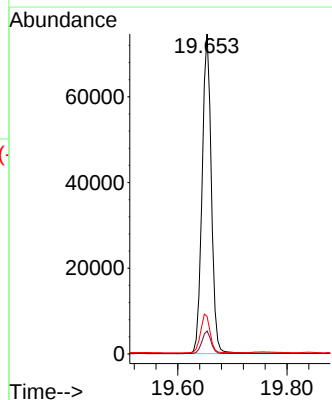
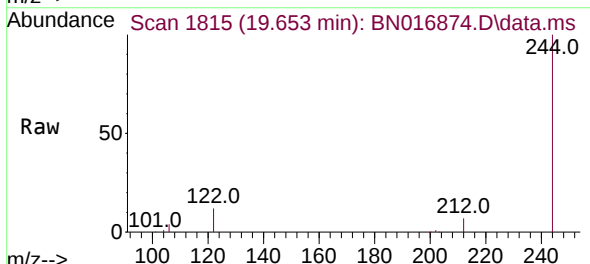
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A3SEEP-100521

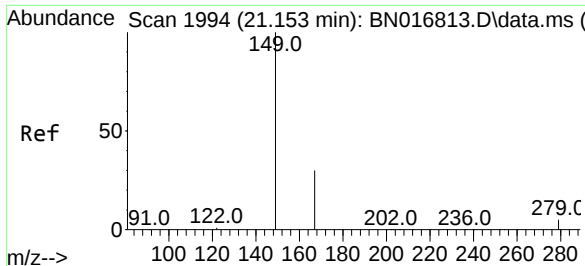
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Ion Ratio Lower Upper  
240 100  
120 10.1 6.6 10.0#  
236 26.1 20.7 31.1



#31  
Terphenyl-d14  
Concen: 0.371 ng  
RT: 19.653 min Scan# 1815  
Delta R.T. -0.005 min  
Lab File: BN016874.D  
Acq: 09 Oct 2021 10:24

Tgt Ion:244 Resp: 87779  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.8 8.6  
122 11.7 8.9 13.3

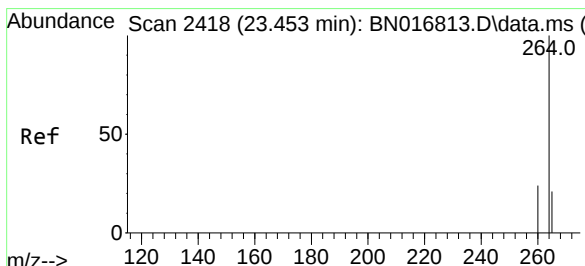
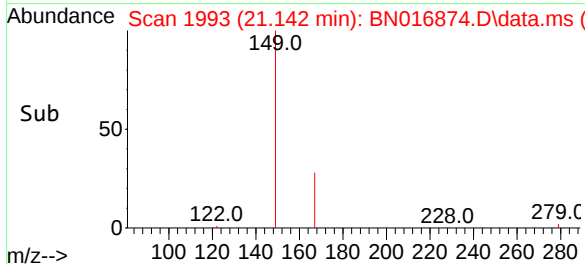
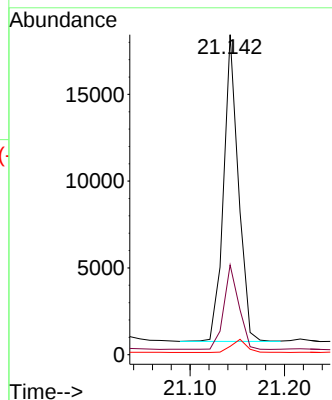
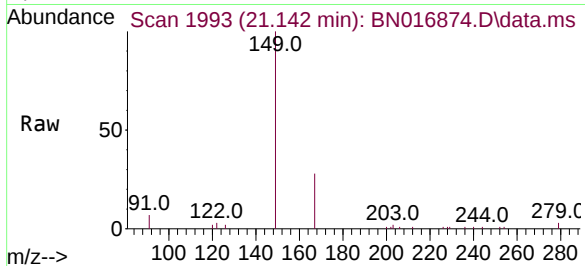




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.113 ng  
RT: 21.142 min Scan# 1993  
Delta R.T. -0.011 min  
Lab File: BN016874.D  
Acq: 09 Oct 2021 10:24

Instrument :  
BNA\_N  
ClientSampleId :  
A3SEEP-100521

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 19229 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 27.9  | 22.2  | 33.4  |
| 279       | 4.5   | 3.4   | 5.2   |



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.447 min Scan# 2416  
Delta R.T. -0.007 min  
Lab File: BN016874.D  
Acq: 09 Oct 2021 10:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 114098 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.4  | 19.8  | 29.6   |
| 265       | 22.6  | 20.3  | 30.5   |

