

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090421\  
 Data File : BN016201.D  
 Acq On : 04 Sep 2021 19:53  
 Operator : CG/JU  
 Sample : M3586-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PW-B6-L66-082721

Quant Time: Sep 06 06:20:18 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN090421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 06 02:08:58 2021  
 Response via : Initial Calibration

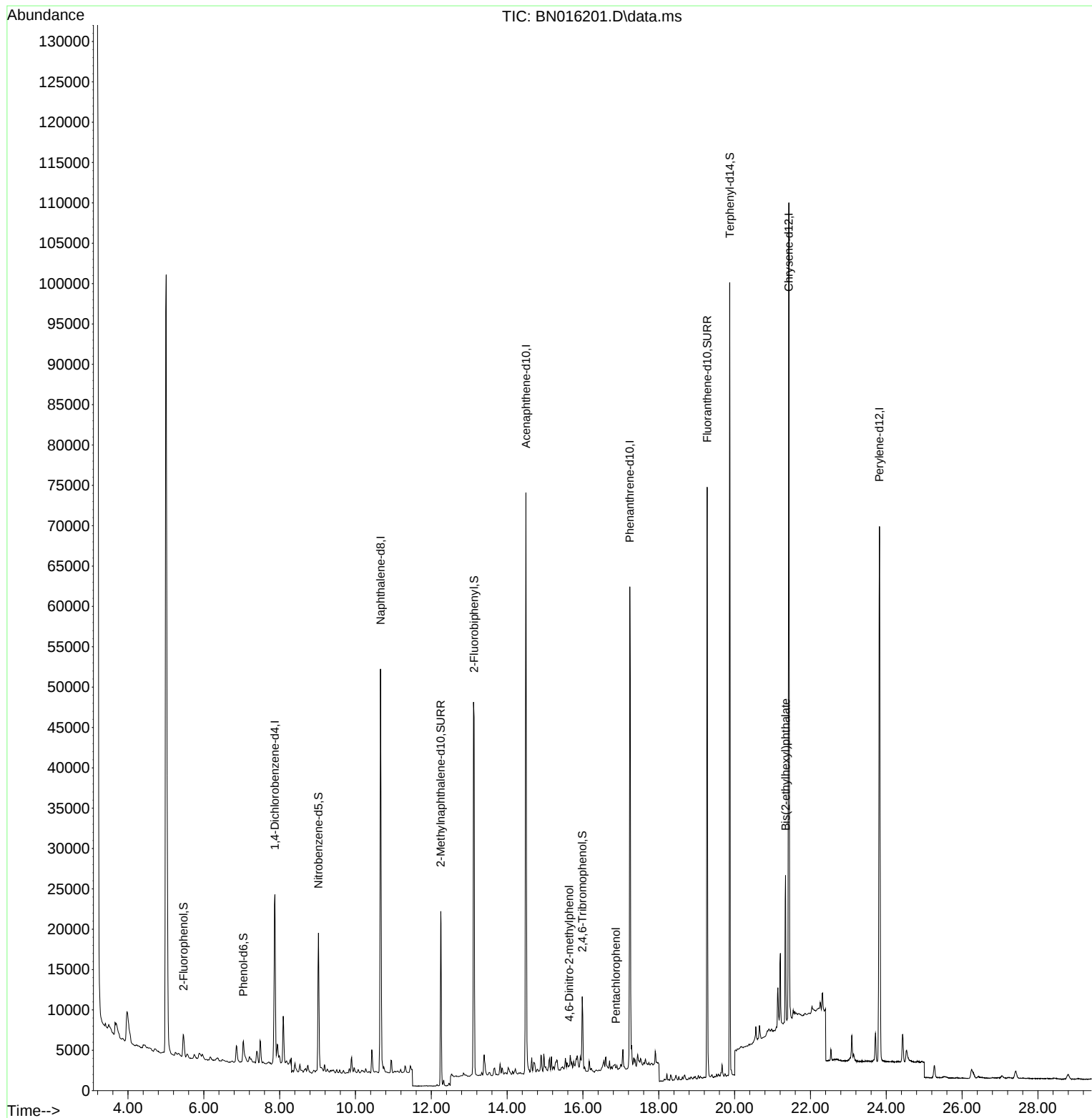
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.873  | 152  | 13222    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.660 | 136  | 70987    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.497 | 164  | 43240    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.237 | 188  | 88536    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.429 | 240  | 93490    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.820 | 264  | 94847    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.466  | 112  | 4051     | 0.109 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.043  | 99   | 3023     | 0.063 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.025  | 82   | 15553    | 0.273 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.252 | 152  | 30363    | 0.269 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.982 | 330  | 6940     | 0.360 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.127 | 172  | 48920    | 0.300 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.276 | 212  | 86572    | 0.326 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.872 | 244  | 100011   | 0.423 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 20) 4,6-Dinitro-2-methylph... | 15.639 | 198  | 31       | 0.288 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.872 | 266  | 285      | 0.378 | ng    | # 19     |
| 34) Bis(2-ethylhexyl)phtha... | 21.344 | 149  | 18504    | 0.088 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

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

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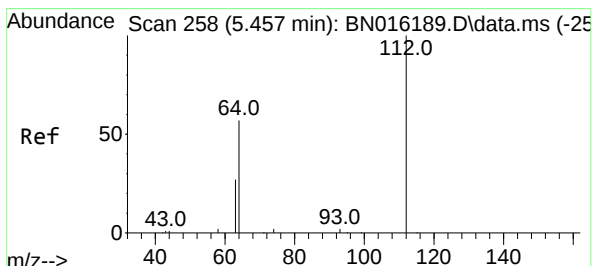
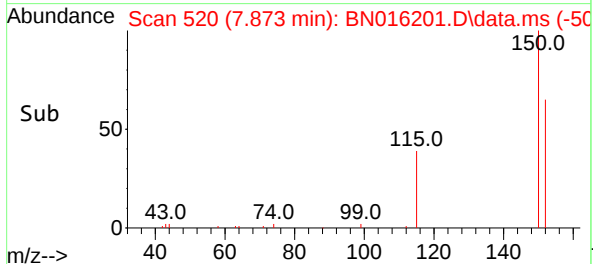
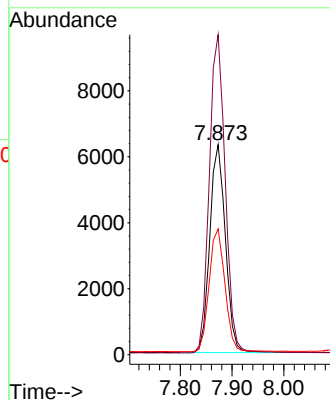
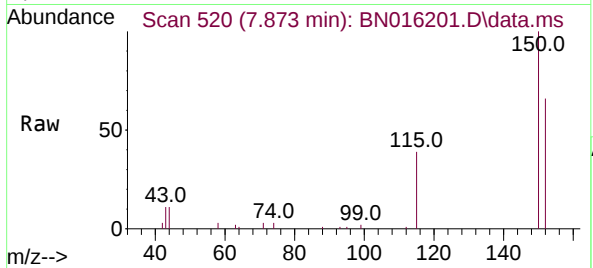




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.873 min Scan# 520  
Delta R.T. -0.000 min  
Lab File: BN016201.D  
Acq: 04 Sep 2021 19:53

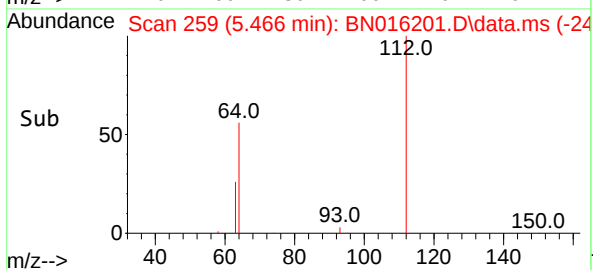
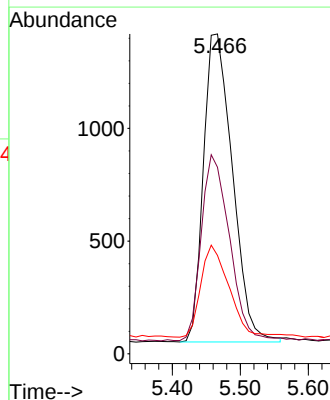
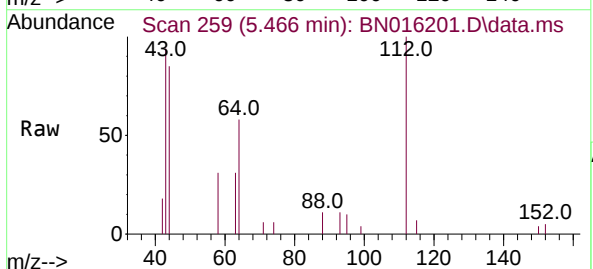
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BNA\_N  
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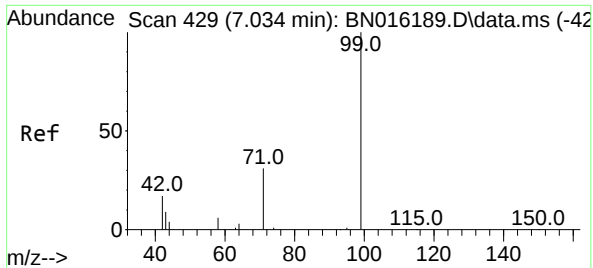
Tgt Ion:152 Resp: 13222  
Ion Ratio Lower Upper  
152 100  
150 152.3 125.3 187.9  
115 59.9 48.4 72.6



#4  
2-Fluorophenol  
Concen: 0.109 ng  
RT: 5.466 min Scan# 259  
Delta R.T. 0.009 min  
Lab File: BN016201.D  
Acq: 04 Sep 2021 19:53

Tgt Ion:112 Resp: 4051  
Ion Ratio Lower Upper  
112 100  
64 59.1 46.8 70.2  
63 29.3 22.7 34.1

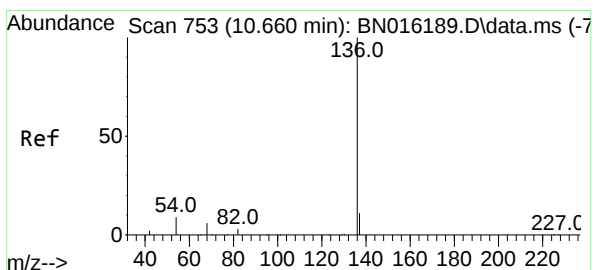
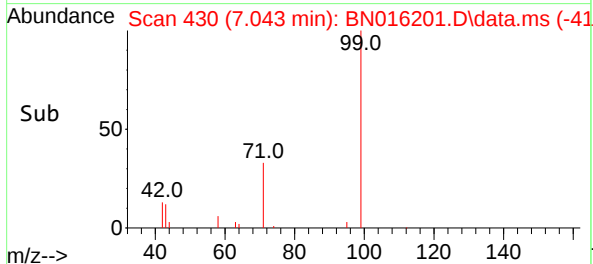
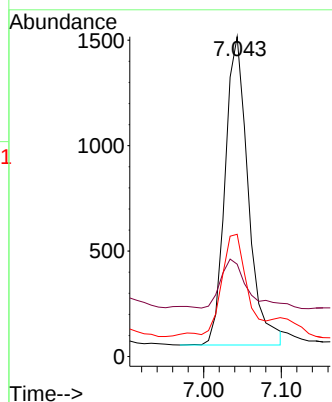
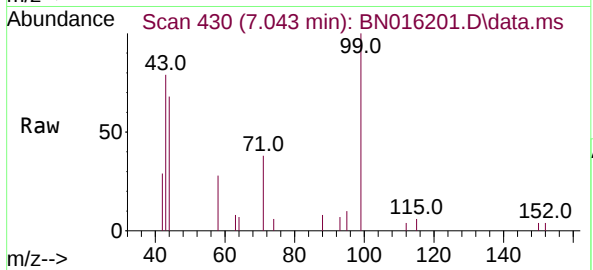




#5  
Phenol-d6  
Concen: 0.063 ng  
RT: 7.043 min Scan# 430  
Delta R.T. 0.009 min  
Lab File: BN016201.D  
Acq: 04 Sep 2021 19:53

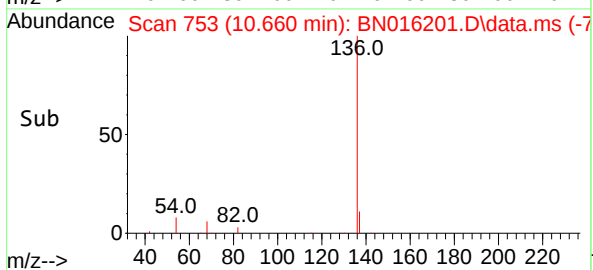
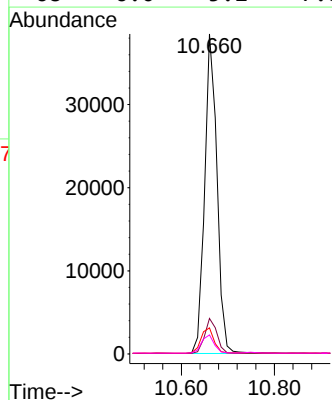
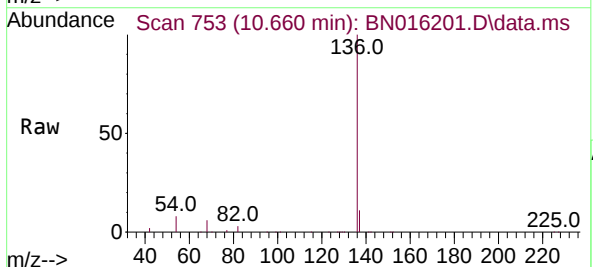
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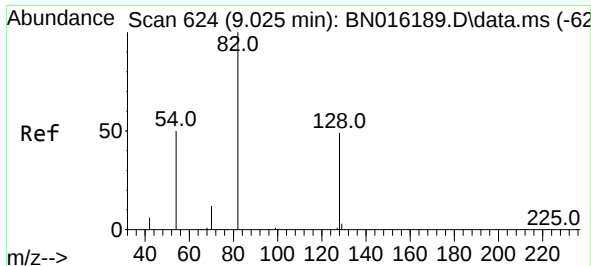
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 3023  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 17.8  | 13.8  | 20.6  |
| 71       | 37.4  | 24.3  | 36.5  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.660 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: BN016201.D  
Acq: 04 Sep 2021 19:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 70987 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.1  | 8.9   | 13.3  |
| 54       | 8.1   | 7.2   | 10.8  |
| 68       | 6.0   | 5.2   | 7.8   |

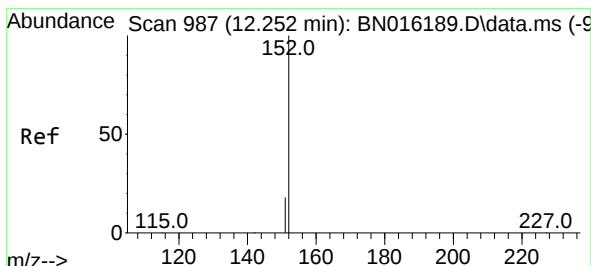
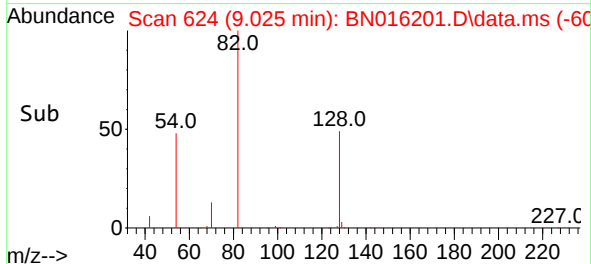
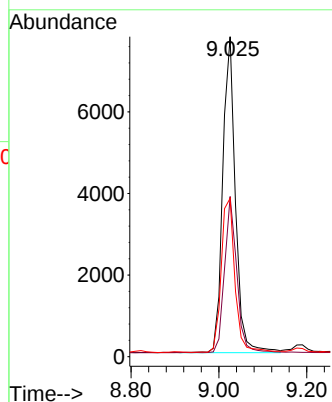
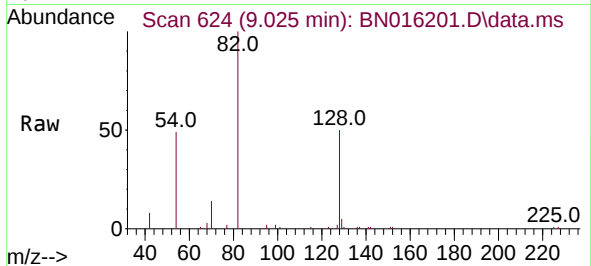




#8  
Nitrobenzene-d5  
Concen: 0.273 ng  
RT: 9.025 min Scan# 624  
Delta R.T. 0.000 min  
Lab File: BN016201.D  
Acq: 04 Sep 2021 19:53

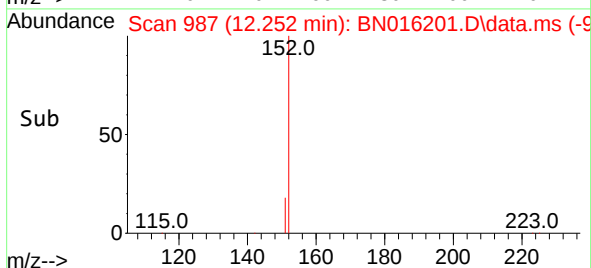
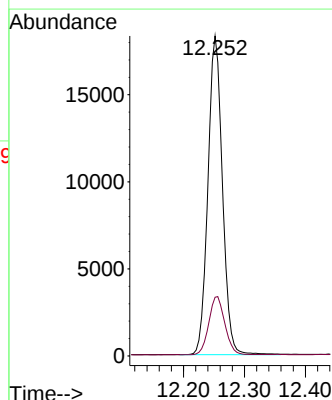
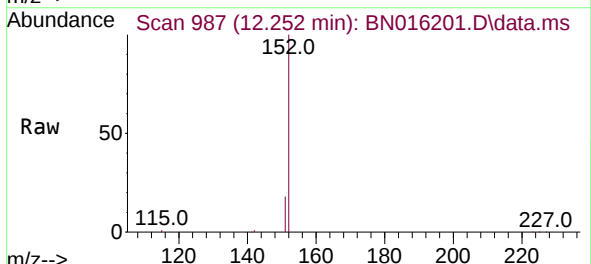
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L66-082721

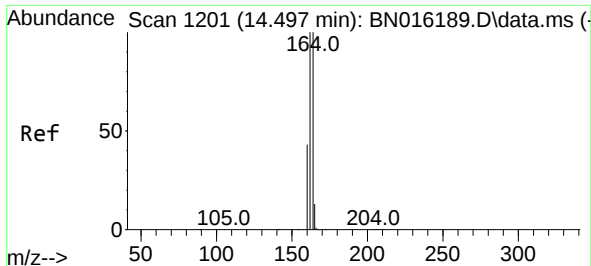
Tgt Ion: 82 Resp: 15553  
Ion Ratio Lower Upper  
82 100  
128 50.1 39.3 58.9  
54 49.5 40.2 60.4



#11  
2-Methylnaphthalene-d10  
Concen: 0.269 ng  
RT: 12.252 min Scan# 987  
Delta R.T. 0.000 min  
Lab File: BN016201.D  
Acq: 04 Sep 2021 19:53

Tgt Ion: 152 Resp: 30363  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.2 24.2

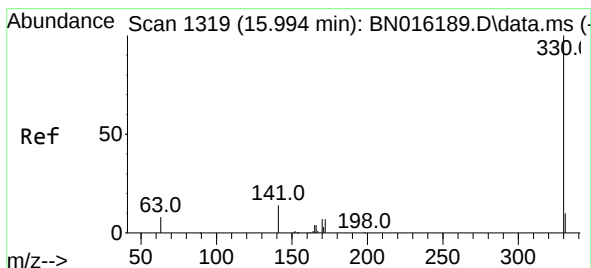
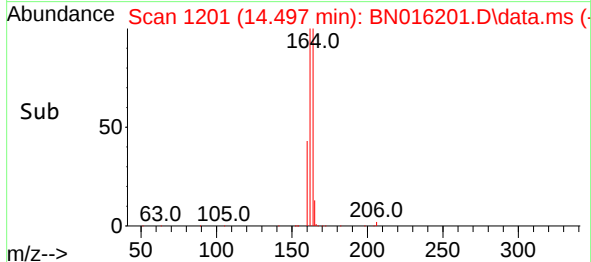
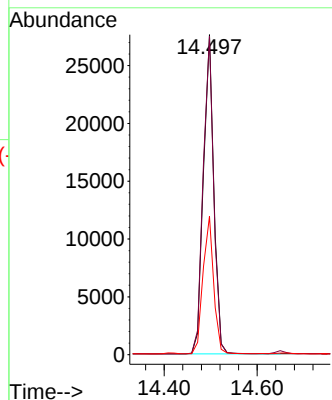
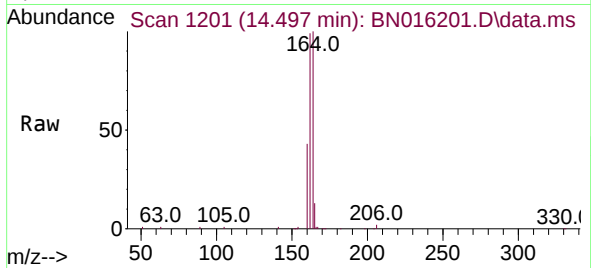




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.497 min Scan# 1201  
Delta R.T. 0.000 min  
Lab File: BN016201.D  
Acq: 04 Sep 2021 19:53

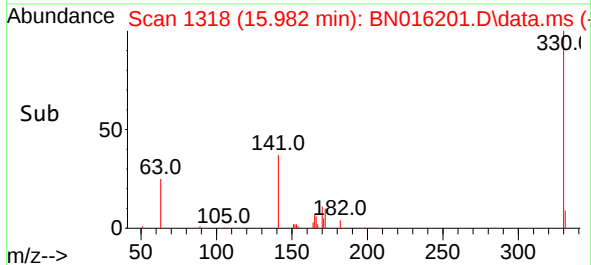
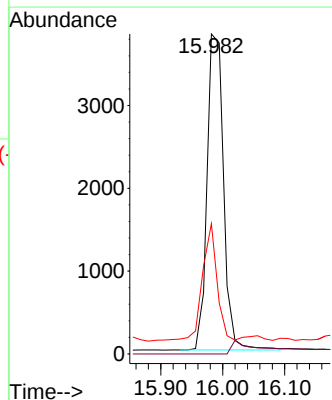
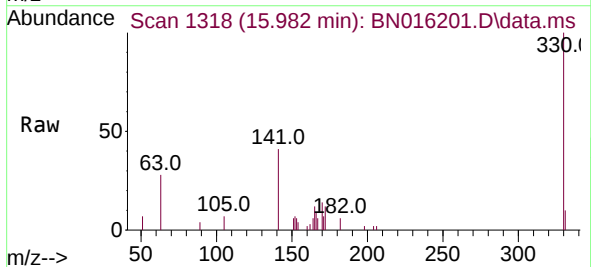
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L66-082721

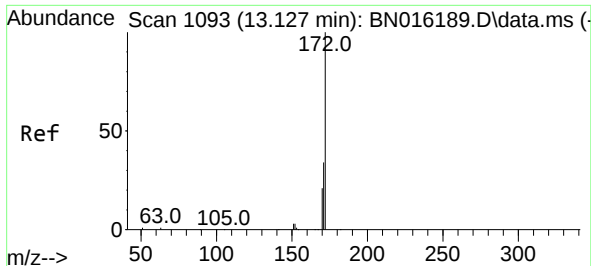
Tgt Ion:164 Resp: 43240  
Ion Ratio Lower Upper  
164 100  
162 99.5 79.8 119.6  
160 43.2 34.2 51.4



#14  
2,4,6-Tribromophenol  
Concen: 0.360 ng  
RT: 15.982 min Scan# 1318  
Delta R.T. -0.013 min  
Lab File: BN016201.D  
Acq: 04 Sep 2021 19:53

Tgt Ion:330 Resp: 6940  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 32.3 25.4 38.2

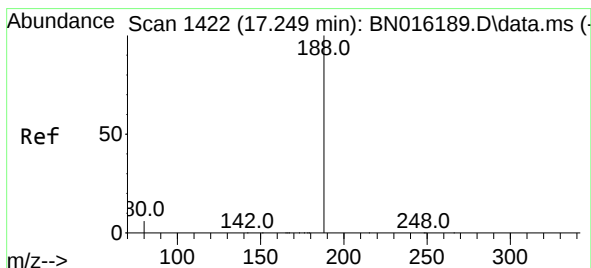
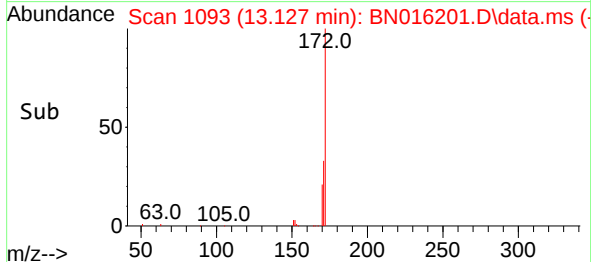
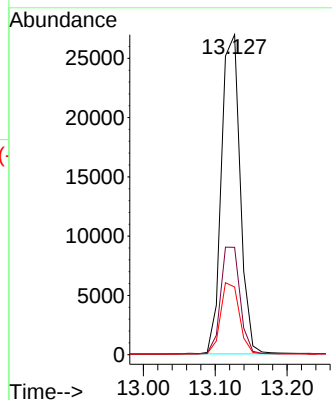
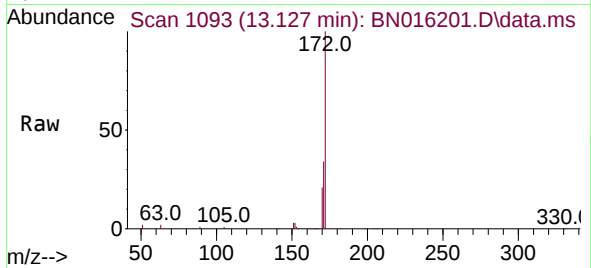




#15  
2-Fluorobiphenyl  
Concen: 0.300 ng  
RT: 13.127 min Scan# 1093  
Delta R.T. 0.000 min  
Lab File: BN016201.D  
Acq: 04 Sep 2021 19:53

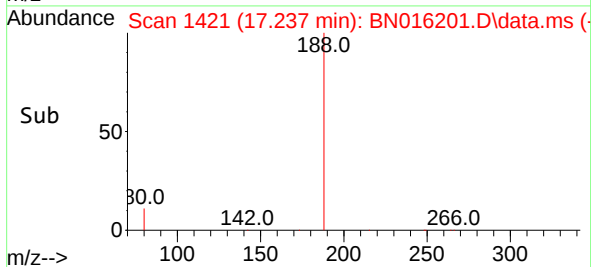
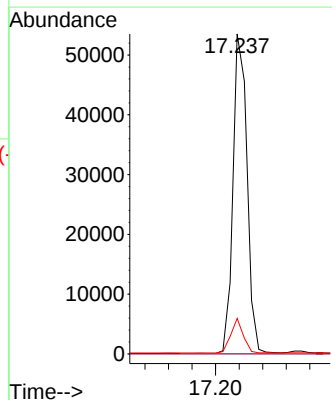
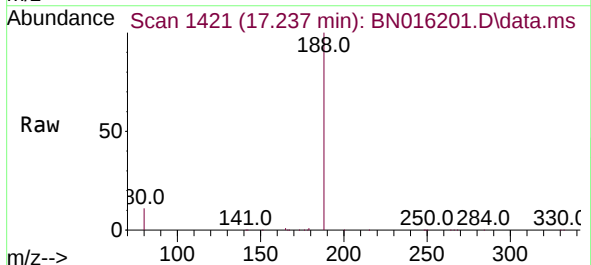
Instrument :  
BNA\_N  
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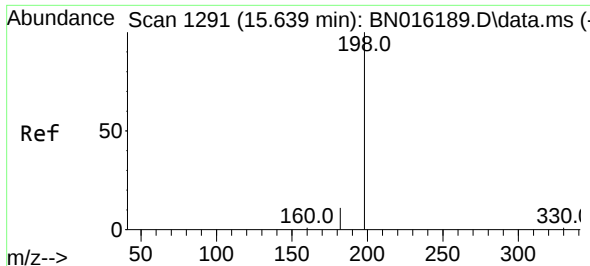
Tgt Ion:172 Resp: 48920  
Ion Ratio Lower Upper  
172 100  
171 33.6 26.9 40.3  
170 21.2 17.1 25.7



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.237 min Scan# 1421  
Delta R.T. -0.012 min  
Lab File: BN016201.D  
Acq: 04 Sep 2021 19:53

Tgt Ion:188 Resp: 88536  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.1 5.0 7.6#

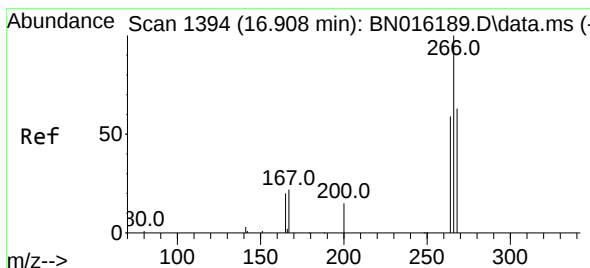
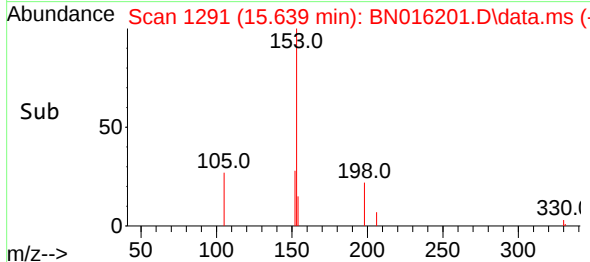
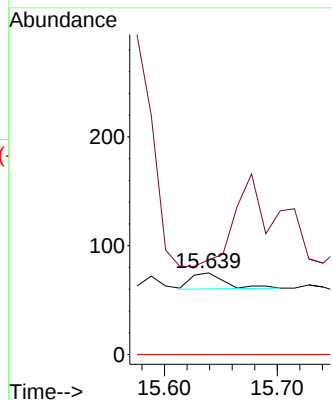
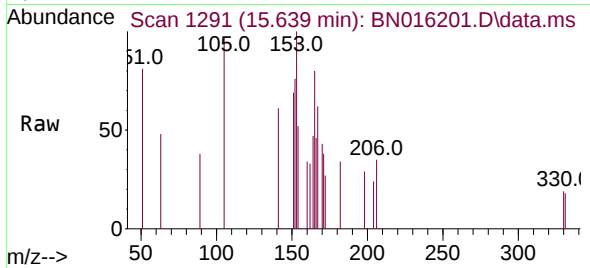




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.288 ng  
RT: 15.639 min Scan# 1291  
Delta R.T. 0.000 min  
Lab File: BN016201.D  
Acq: 04 Sep 2021 19:53

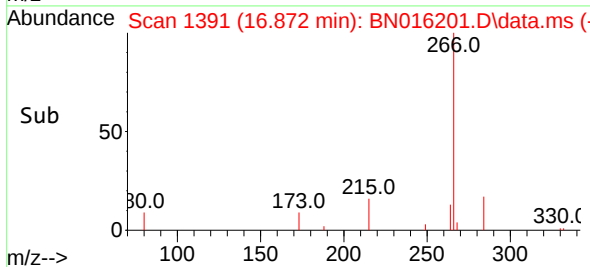
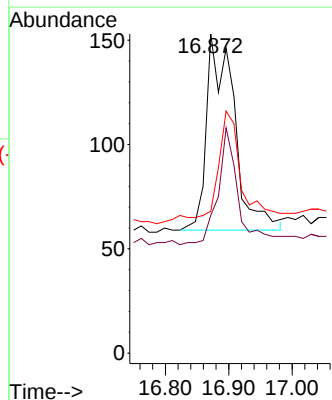
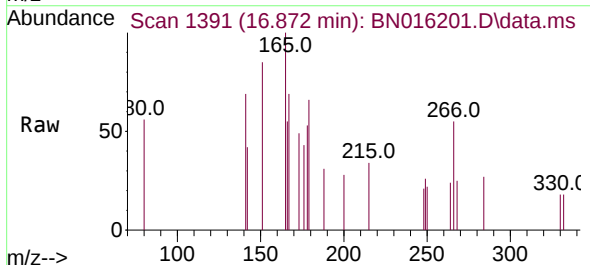
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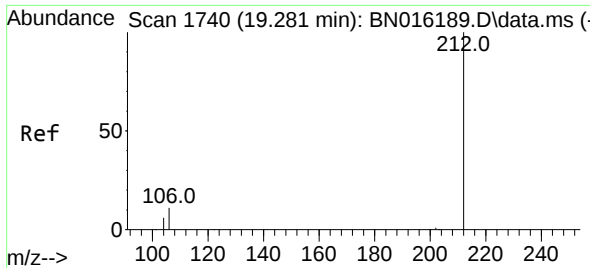
Tgt Ion:198 Resp: 31  
Ion Ratio Lower Upper  
198 100  
182 116.0 28.8 43.2#  
77 0.0 0.0 0.0



#24  
Pentachlorophenol  
Concen: 0.378 ng  
RT: 16.872 min Scan# 1391  
Delta R.T. -0.036 min  
Lab File: BN016201.D  
Acq: 04 Sep 2021 19:53

Tgt Ion:266 Resp: 285  
Ion Ratio Lower Upper  
266 100  
264 0.0 50.4 75.6#  
268 0.0 49.6 74.4#

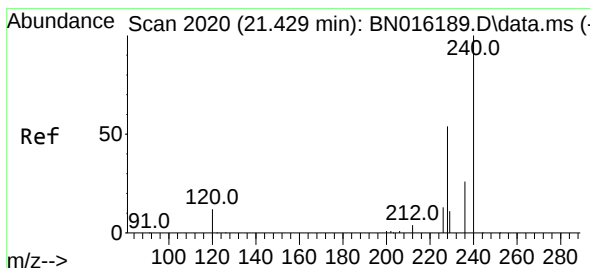
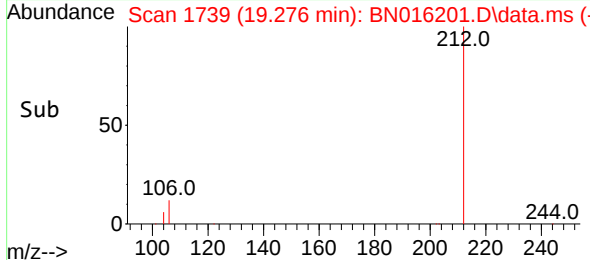
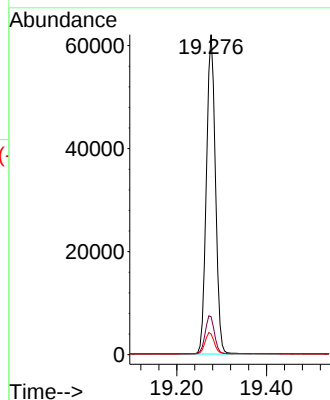
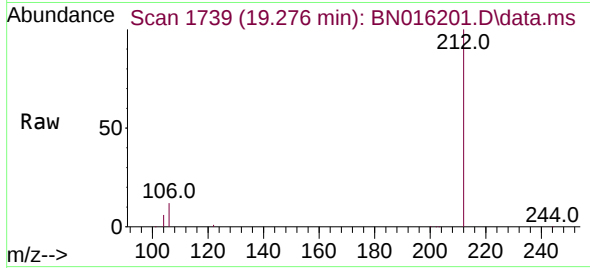




#27  
Fluoranthene-d10  
Concen: 0.326 ng  
RT: 19.276 min Scan# 1739  
Delta R.T. -0.005 min  
Lab File: BN016201.D  
Acq: 04 Sep 2021 19:53

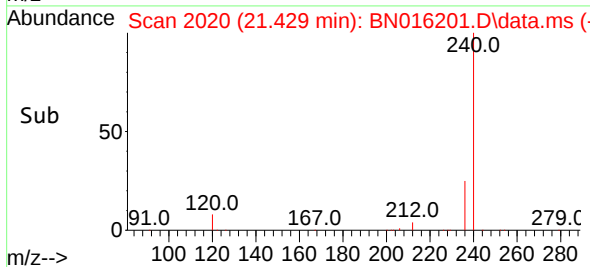
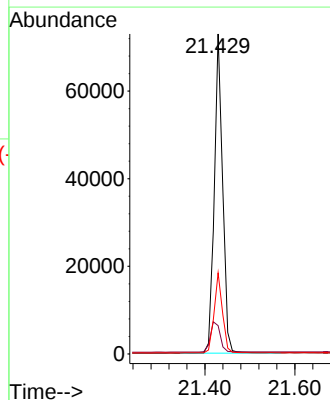
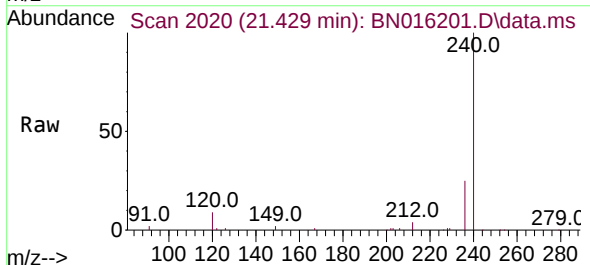
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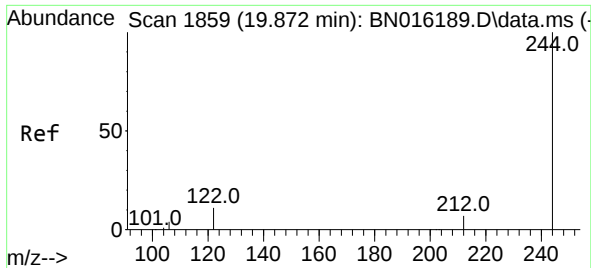
Tgt Ion:212 Resp: 86572  
Ion Ratio Lower Upper  
212 100  
106 12.0 9.7 14.5  
104 6.9 5.4 8.0



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.429 min Scan# 2020  
Delta R.T. 0.000 min  
Lab File: BN016201.D  
Acq: 04 Sep 2021 19:53

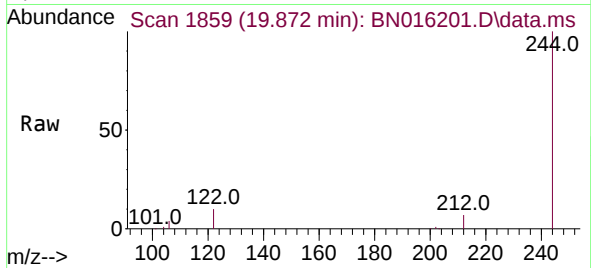
Tgt Ion:240 Resp: 93490  
Ion Ratio Lower Upper  
240 100  
120 8.8 10.0 15.0#  
236 25.3 20.9 31.3



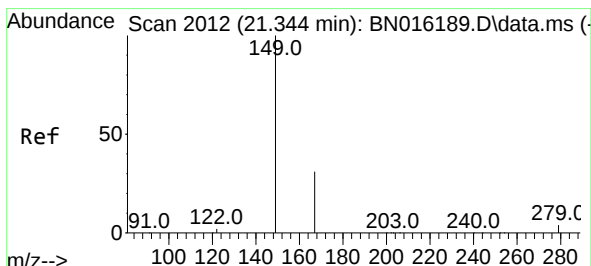
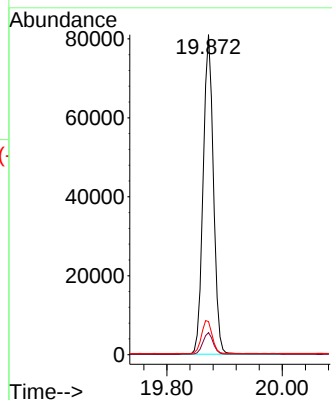
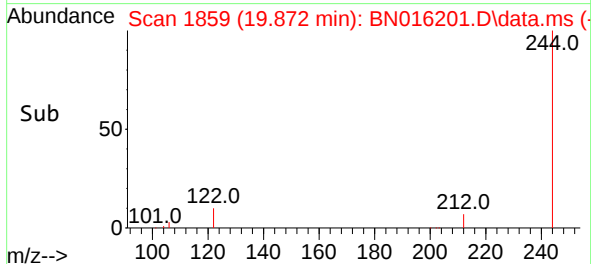


#31  
 Terphenyl-d14  
 Concen: 0.423 ng  
 RT: 19.872 min Scan# 1859  
 Delta R.T. 0.000 min  
 Lab File: BN016201.D  
 Acq: 04 Sep 2021 19:53

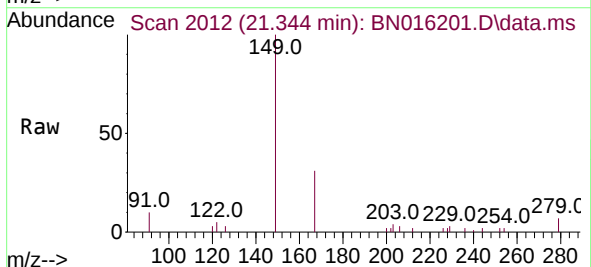
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PW-B6-L66-082721



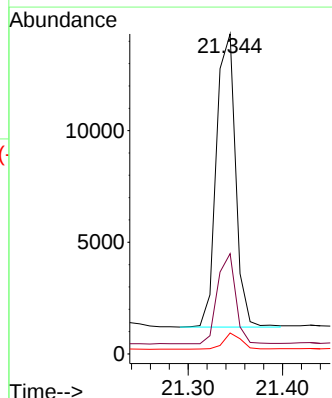
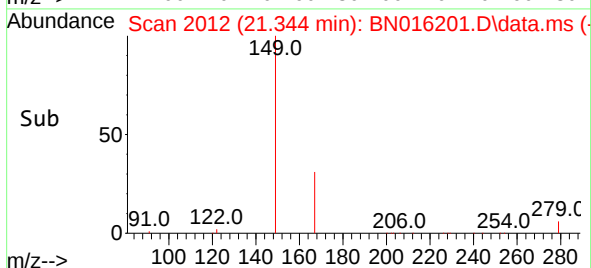
Tgt Ion:244 Resp: 100011  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.5 8.3  
 122 10.4 9.0 13.4

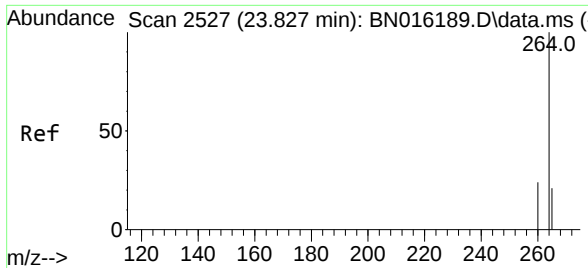


#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.088 ng  
 RT: 21.344 min Scan# 2012  
 Delta R.T. 0.000 min  
 Lab File: BN016201.D  
 Acq: 04 Sep 2021 19:53



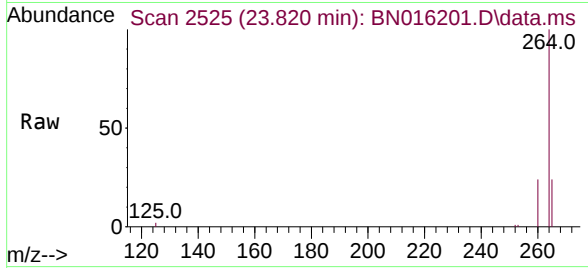
Tgt Ion:149 Resp: 18504  
 Ion Ratio Lower Upper  
 149 100  
 167 29.1 24.2 36.4  
 279 5.0 4.0 6.0





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.820 min Scan# 2525  
 Delta R.T. -0.007 min  
 Lab File: BN016201.D  
 Acq: 04 Sep 2021 19:53

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PW-B6-L66-082721



|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 94847     |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 23.6  | 19.5 29.3 |
| 265         | 23.8  | 20.2 30.2 |

