

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100721\  
 Data File : BN016825.D  
 Acq On : 08 Oct 2021 02:07  
 Operator : CG/JU  
 Sample : M3990-14  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EB-01-092921

Quant Time: Oct 08 05:20:48 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 01:39:08 2021  
 Response via : Initial Calibration

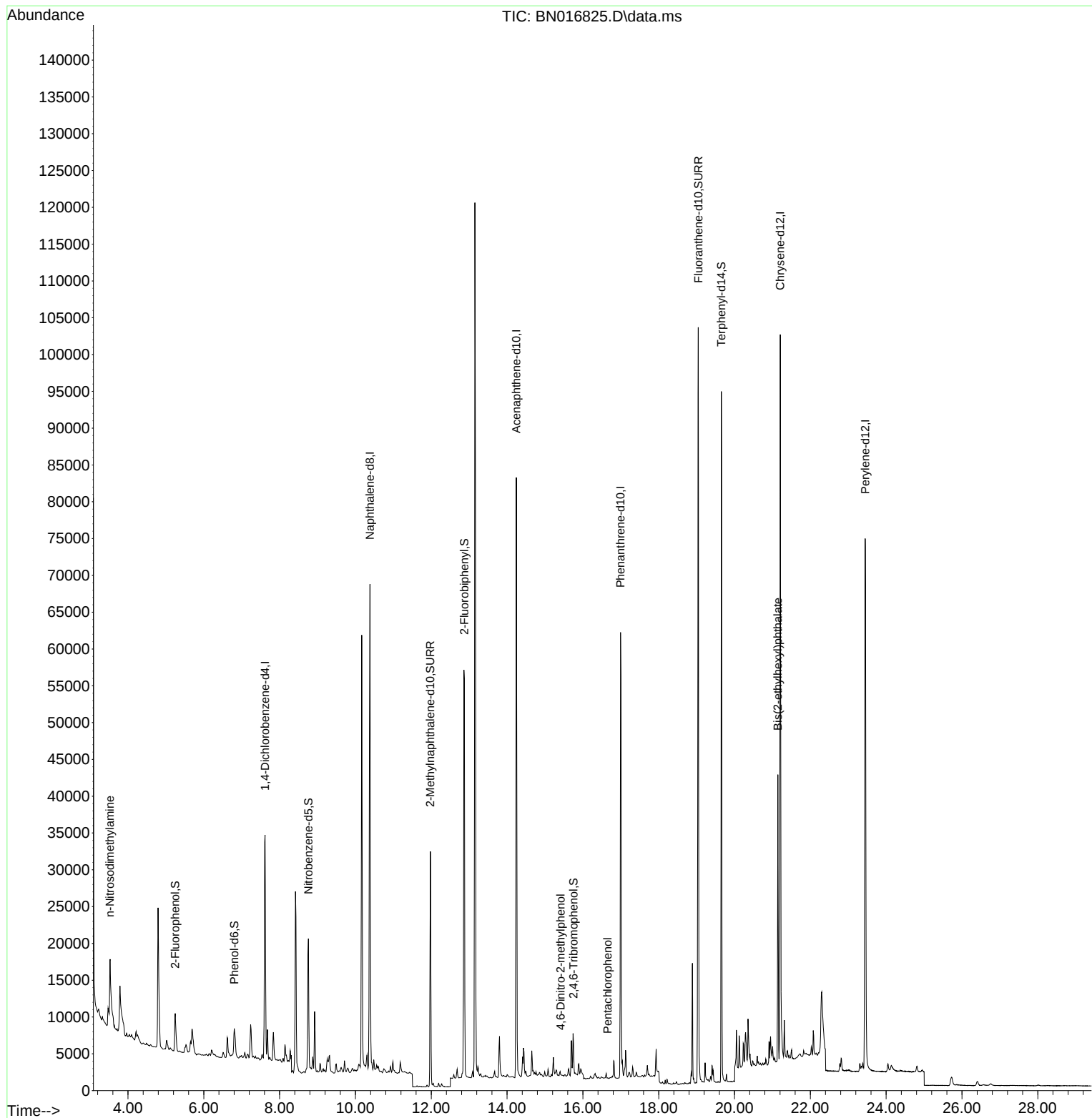
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.615  | 152  | 19099    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.381 | 136  | 87225    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.243 | 164  | 46105    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.993 | 188  | 89969    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.206 | 240  | 90872    | 0.400 | ng    | #-0.01   |
| 35) Perylene-d12              | 23.447 | 264  | 98414    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.245  | 112  | 6243     | 0.131 | ng    | 0.02     |
| 5) Phenol-d6                  | 6.803  | 99   | 4105     | 0.076 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.759  | 82   | 17100    | 0.280 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.976 | 152  | 42495    | 0.327 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.753 | 330  | 5044     | 0.211 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.873 | 172  | 56657    | 0.305 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.043 | 212  | 111340   | 0.445 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.654 | 244  | 92050    | 0.464 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 3) n-Nitrosodimethylamine     | 3.521  | 42   | 1395     | 0.093 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.411 | 198  | 14       | 0.208 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.653 | 266  | 20       | 0.104 | ng    | # 60     |
| 34) Bis(2-ethylhexyl)phtha... | 21.143 | 149  | 33295    | 0.233 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

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

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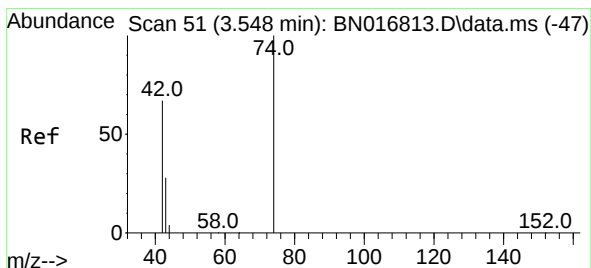
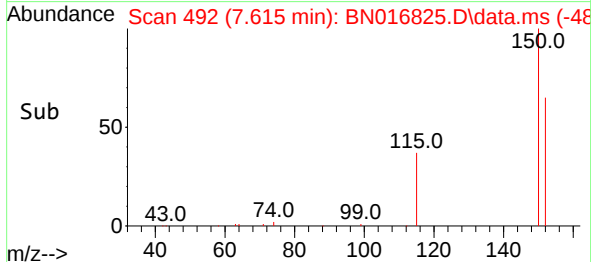
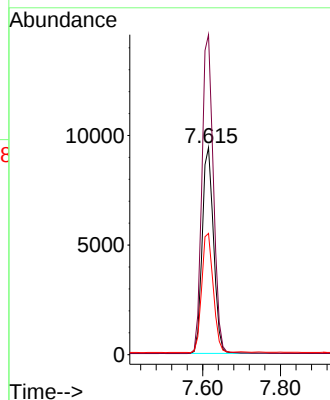
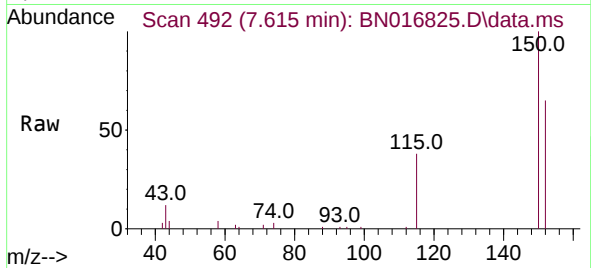




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.615 min Scan# 492  
Delta R.T. 0.001 min  
Lab File: BN016825.D  
Acq: 08 Oct 2021 02:07

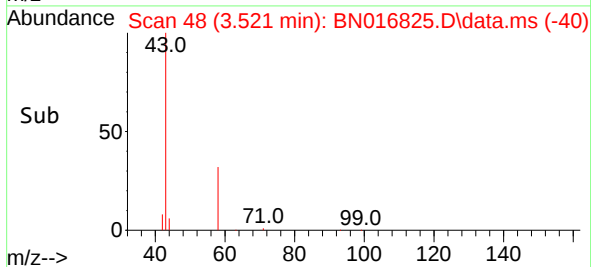
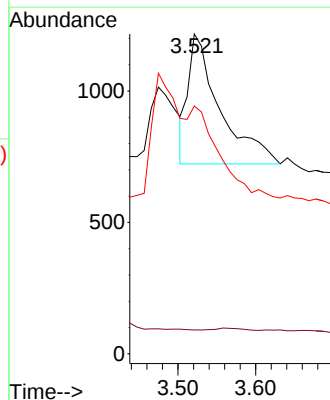
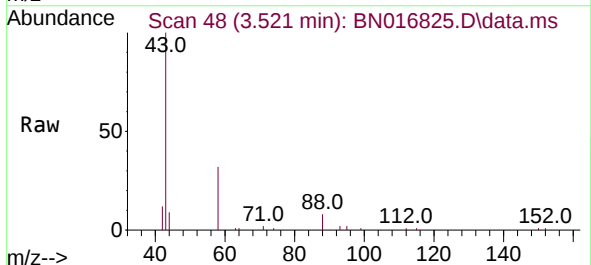
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BNA\_N  
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EB-01-092921

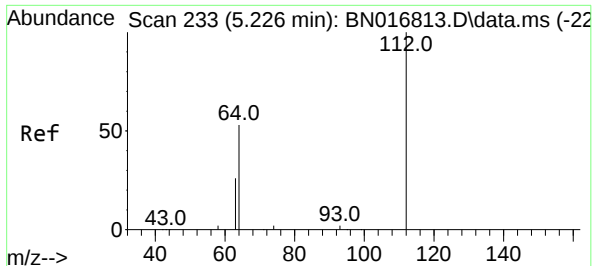
Tgt Ion:152 Resp: 19099  
Ion Ratio Lower Upper  
152 100  
150 154.4 123.3 184.9  
115 58.5 47.0 70.6



#3  
n-Nitrosodimethylamine  
Concen: 0.093 ng  
RT: 3.521 min Scan# 48  
Delta R.T. -0.027 min  
Lab File: BN016825.D  
Acq: 08 Oct 2021 02:07

Tgt Ion: 42 Resp: 1395  
Ion Ratio Lower Upper  
42 100  
74 0.0 124.0 186.0#  
44 0.0 5.6 8.4#

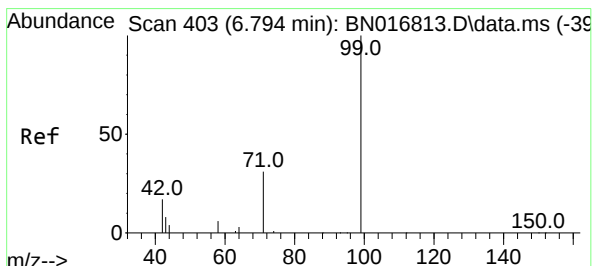
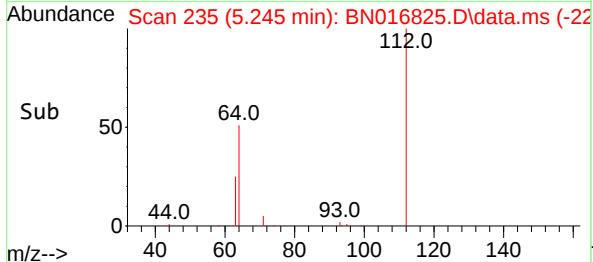
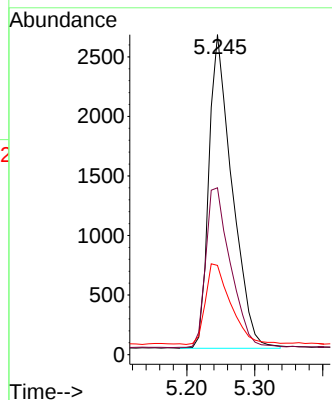
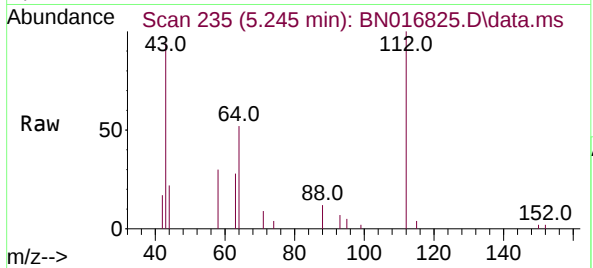




#4  
2-Fluorophenol  
Concen: 0.131 ng  
RT: 5.245 min Scan# 235  
Delta R.T. 0.019 min  
Lab File: BN016825.D  
Acq: 08 Oct 2021 02:07

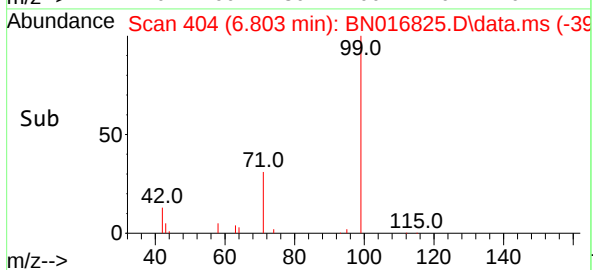
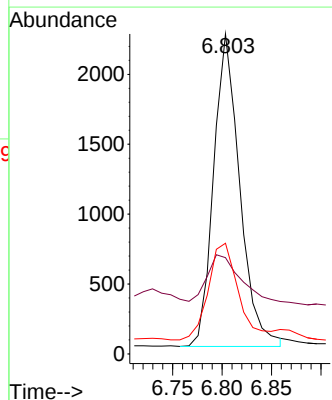
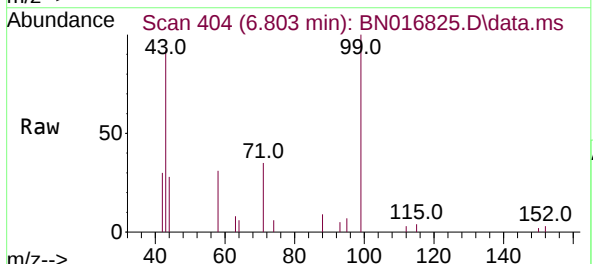
Instrument :  
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ClientSampleId :  
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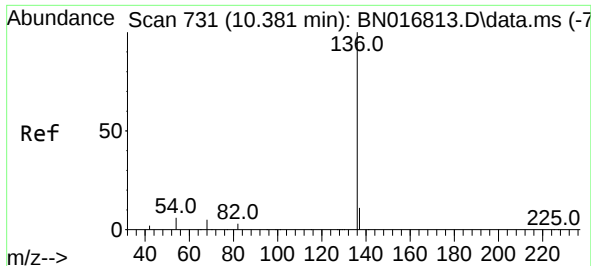
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 6243  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 54.4  | 42.9  | 64.3  |
| 63       | 27.9  | 21.5  | 32.3  |



#5  
Phenol-d6  
Concen: 0.076 ng  
RT: 6.803 min Scan# 404  
Delta R.T. 0.010 min  
Lab File: BN016825.D  
Acq: 08 Oct 2021 02:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 4105  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 18.3  | 13.4  | 20.2  |
| 71       | 36.0  | 24.0  | 36.0  |

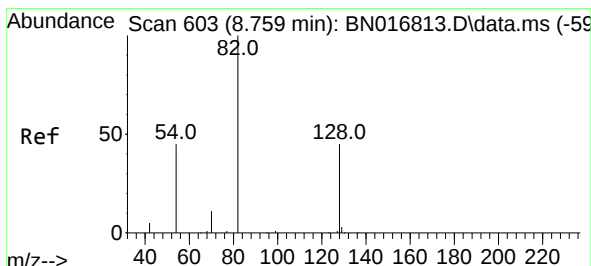
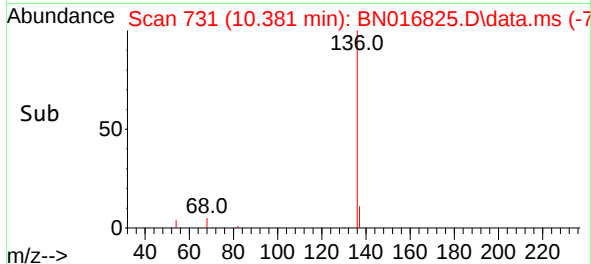
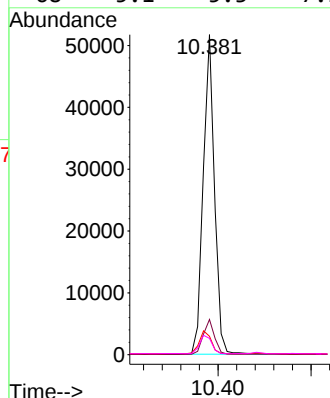
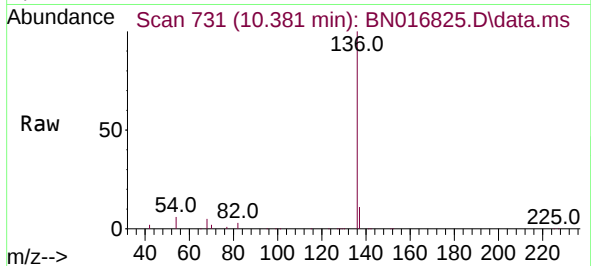




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.381 min Scan# 731  
Delta R.T. 0.000 min  
Lab File: BN016825.D  
Acq: 08 Oct 2021 02:07

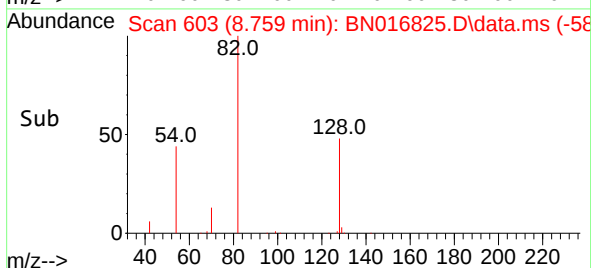
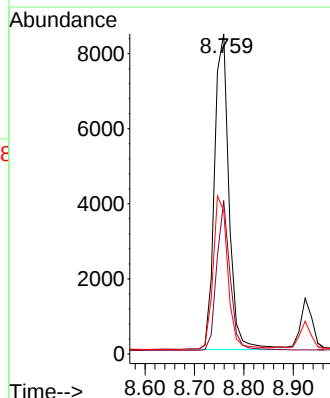
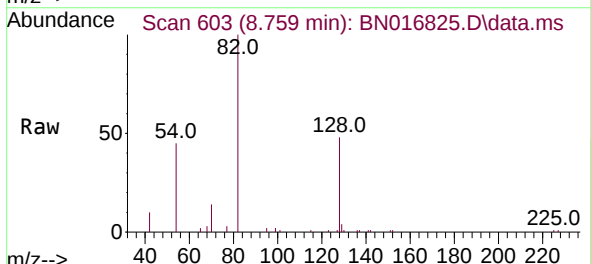
Instrument :  
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EB-01-092921

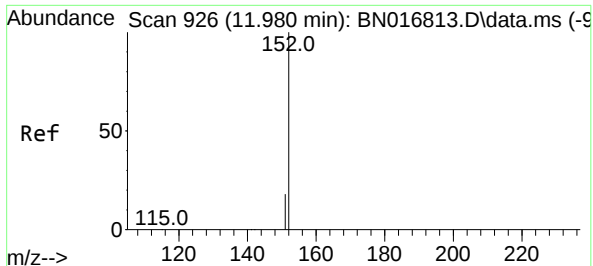
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 87225 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.0  | 8.9   | 13.3  |
| 54       | 5.7   | 6.5   | 9.7#  |
| 68       | 5.1   | 5.3   | 7.9#  |



#8  
Nitrobenzene-d5  
Concen: 0.280 ng  
RT: 8.759 min Scan# 603  
Delta R.T. 0.000 min  
Lab File: BN016825.D  
Acq: 08 Oct 2021 02:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 17100 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 47.9  | 33.8  | 50.6  |
| 54       | 44.8  | 38.5  | 57.7  |

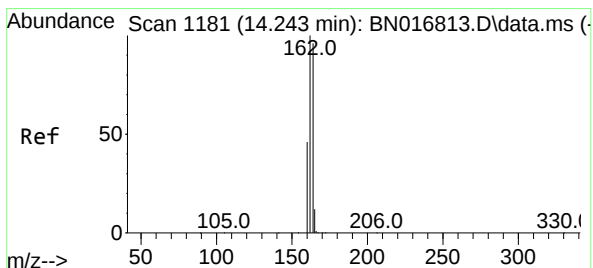
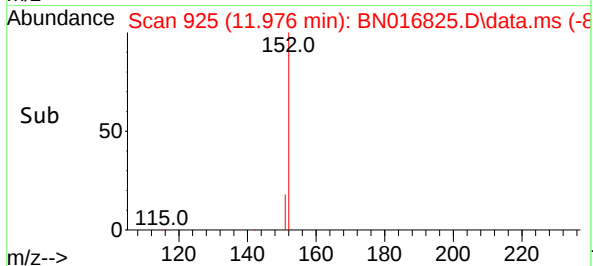
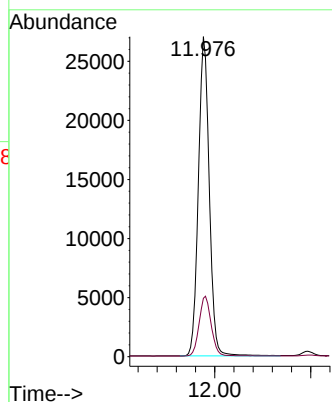
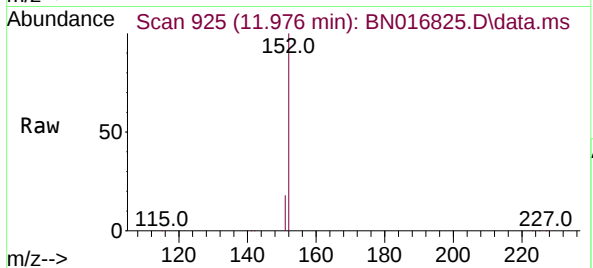




#11  
2-Methylnaphthalene-d10  
Concen: 0.327 ng  
RT: 11.976 min Scan# 925  
Delta R.T. -0.004 min  
Lab File: BN016825.D  
Acq: 08 Oct 2021 02:07

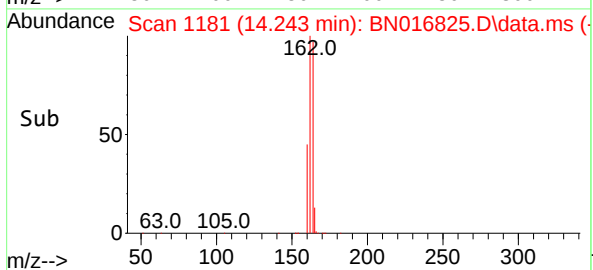
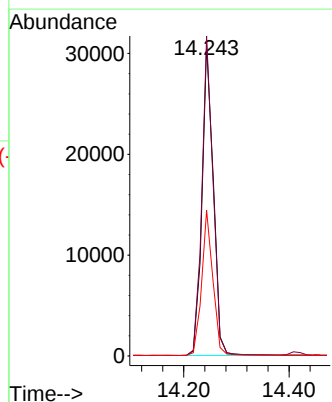
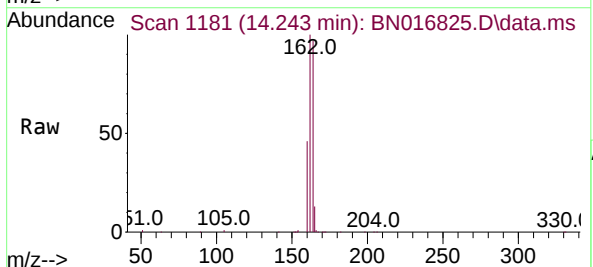
Instrument :  
BNA\_N  
ClientSampleId :  
EB-01-092921

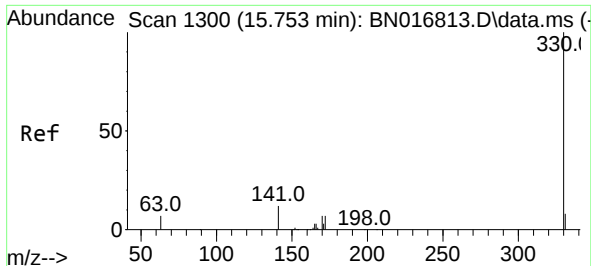
Tgt Ion:152 Resp: 42495  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.2 24.4



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.243 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: BN016825.D  
Acq: 08 Oct 2021 02:07

Tgt Ion:164 Resp: 46105  
Ion Ratio Lower Upper  
164 100  
162 102.8 82.6 124.0  
160 46.8 38.2 57.2

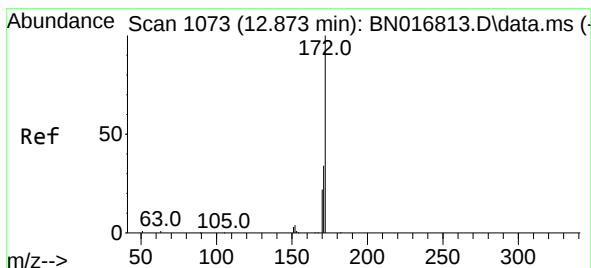
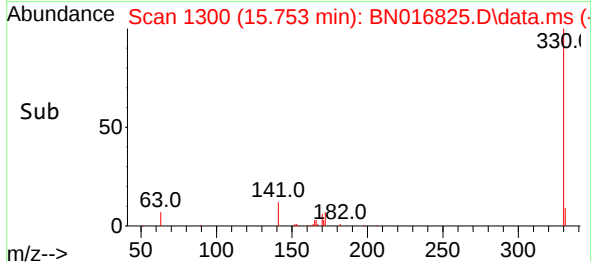
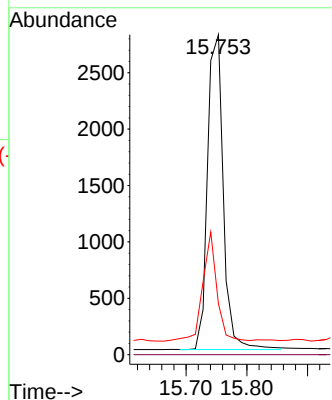
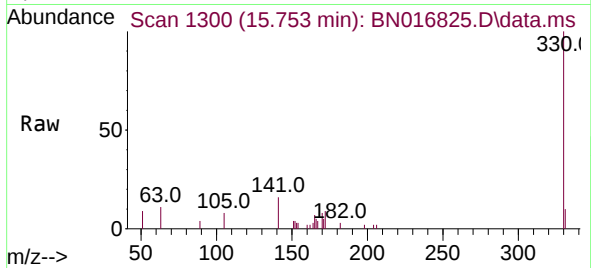




#14  
2,4,6-Tribromophenol  
Concen: 0.211 ng  
RT: 15.753 min Scan# 1300  
Delta R.T. 0.000 min  
Lab File: BN016825.D  
Acq: 08 Oct 2021 02:07

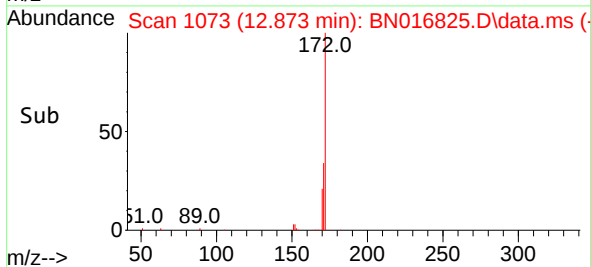
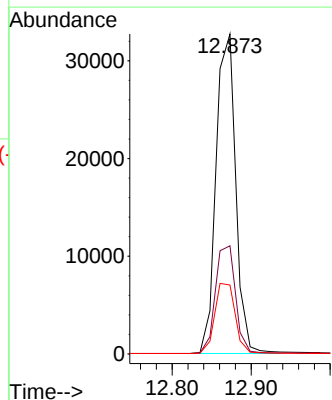
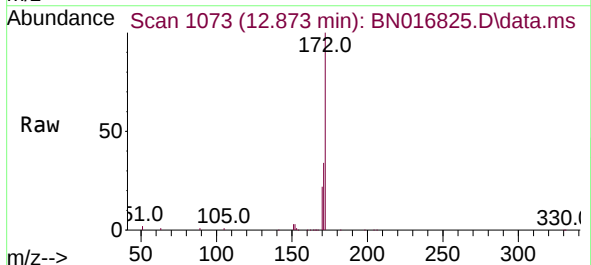
Instrument :  
BNA\_N  
ClientSampleId :  
EB-01-092921

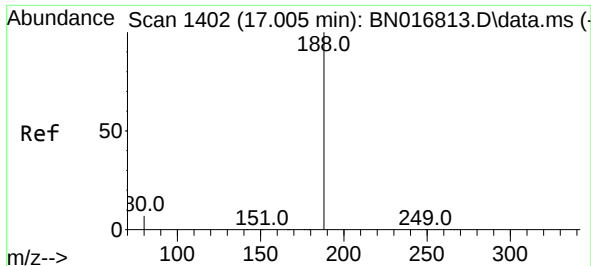
Tgt Ion:330 Resp: 5044  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 30.1 24.2 36.2



#15  
2-Fluorobiphenyl  
Concen: 0.305 ng  
RT: 12.873 min Scan# 1073  
Delta R.T. 0.000 min  
Lab File: BN016825.D  
Acq: 08 Oct 2021 02:07

Tgt Ion:172 Resp: 56657  
Ion Ratio Lower Upper  
172 100  
171 33.8 26.9 40.3  
170 21.5 17.4 26.0

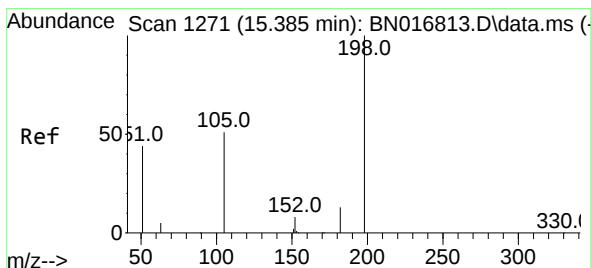
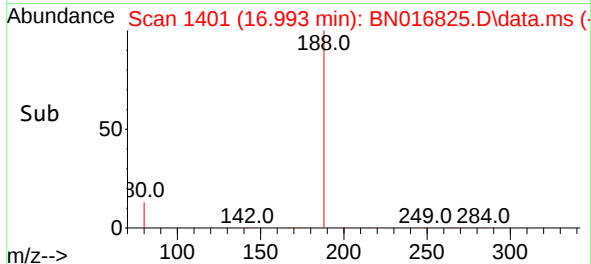
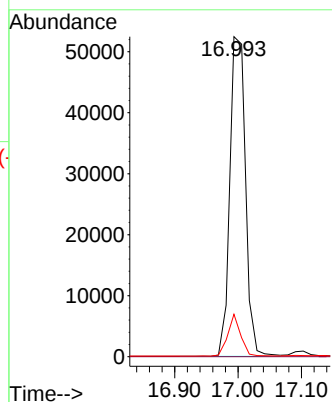
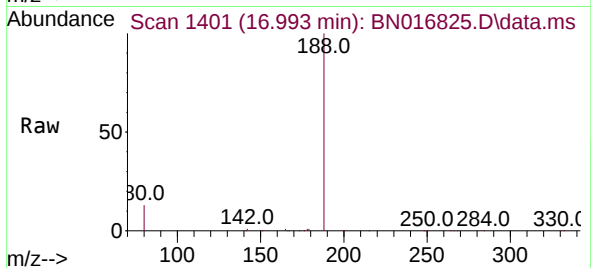




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.993 min Scan# 1401  
Delta R.T. -0.012 min  
Lab File: BN016825.D  
Acq: 08 Oct 2021 02:07

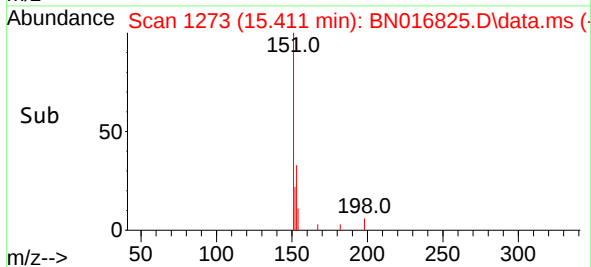
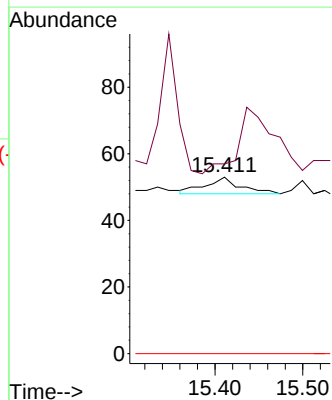
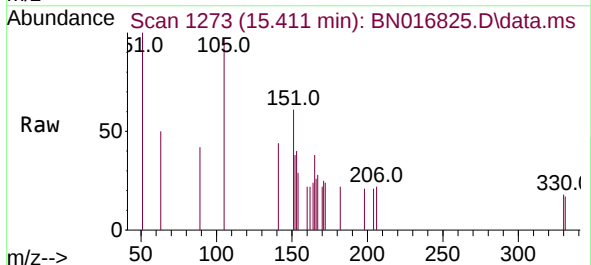
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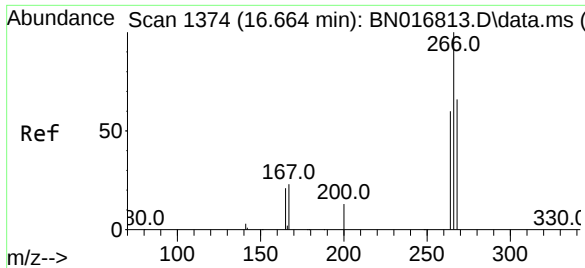
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Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.3 5.8 8.8#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.208 ng  
RT: 15.411 min Scan# 1273  
Delta R.T. 0.026 min  
Lab File: BN016825.D  
Acq: 08 Oct 2021 02:07

Tgt Ion:198 Resp: 14  
Ion Ratio Lower Upper  
198 100  
182 107.5 26.2 39.2#  
77 0.0 0.0 0.0

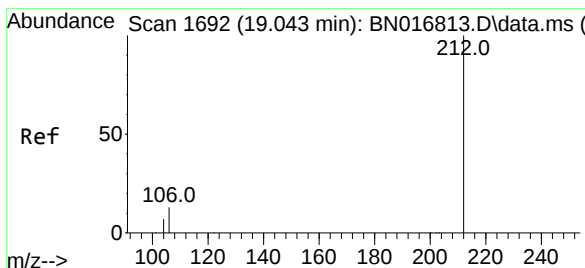
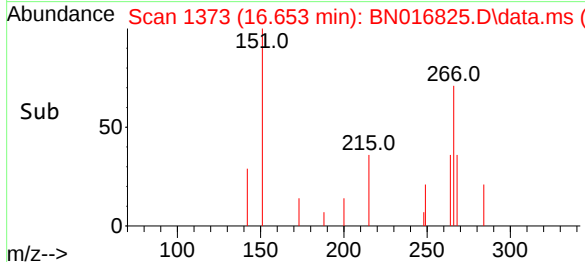
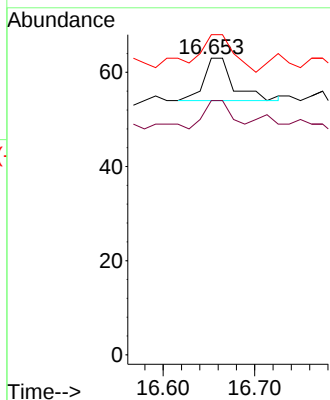
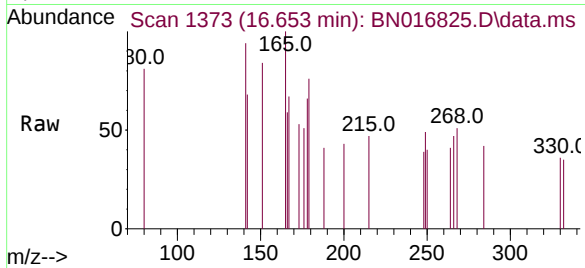




#24  
 Pentachlorophenol  
 Concen: 0.104 ng  
 RT: 16.653 min Scan# 1373  
 Delta R.T. -0.011 min  
 Lab File: BN016825.D  
 Acq: 08 Oct 2021 02:07

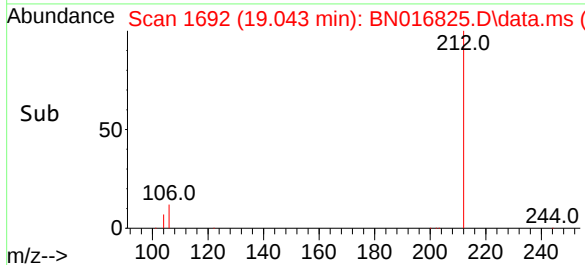
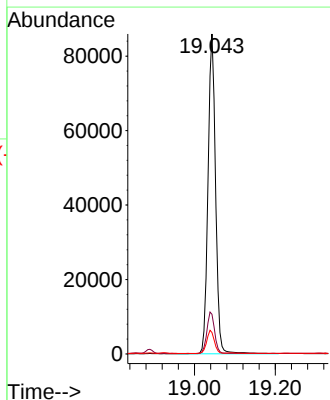
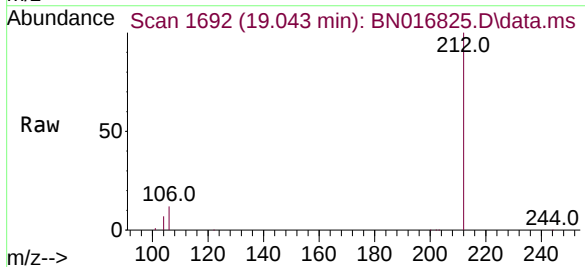
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 BNA\_N  
 ClientSampleId :  
 EB-01-092921

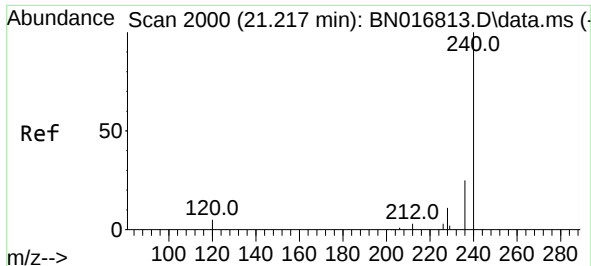
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|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 20   |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 60.0  | 49.3  | 73.9 |
| 268       | 125.0 | 51.8  | 77.8 |



#27  
 Fluoranthene-d10  
 Concen: 0.445 ng  
 RT: 19.043 min Scan# 1692  
 Delta R.T. 0.000 min  
 Lab File: BN016825.D  
 Acq: 08 Oct 2021 02:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 212   | Resp: | 111340 |
| Ion Ratio | Lower | Upper |        |
| 212       | 100   |       |        |
| 106       | 13.2  | 10.6  | 16.0   |
| 104       | 7.2   | 5.8   | 8.8    |

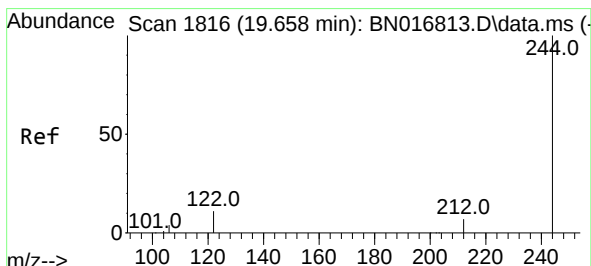
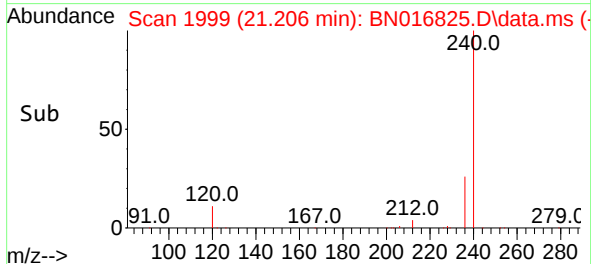
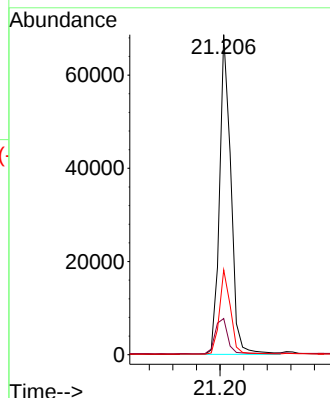
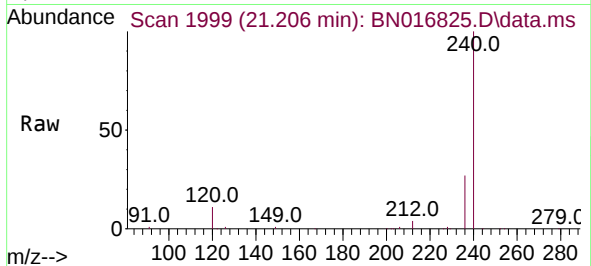




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.206 min Scan# 1999  
Delta R.T. -0.010 min  
Lab File: BN016825.D  
Acq: 08 Oct 2021 02:07

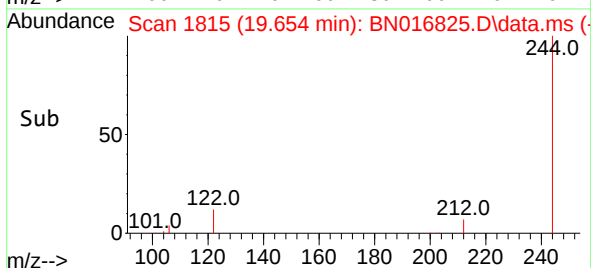
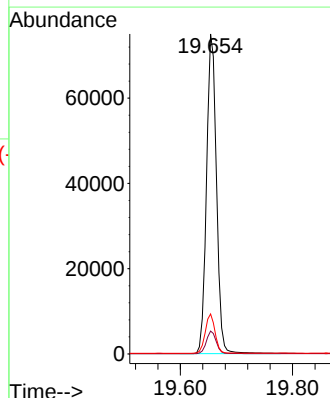
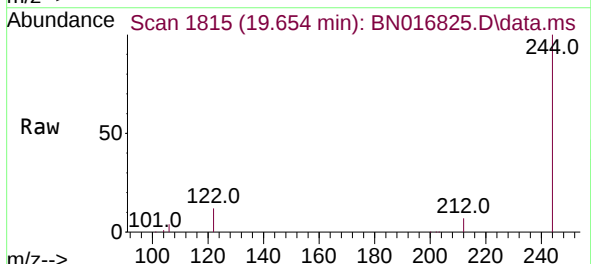
Instrument :  
BNA\_N  
ClientSampleId :  
EB-01-092921

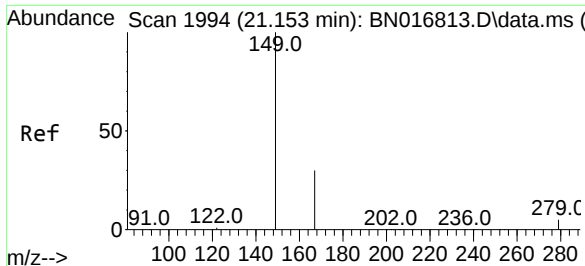
Tgt Ion:240 Resp: 90872  
Ion Ratio Lower Upper  
240 100  
120 11.3 6.6 10.0#  
236 26.5 20.7 31.1



#31  
Terphenyl-d14  
Concen: 0.464 ng  
RT: 19.654 min Scan# 1815  
Delta R.T. -0.005 min  
Lab File: BN016825.D  
Acq: 08 Oct 2021 02:07

Tgt Ion:244 Resp: 92050  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.8 8.6  
122 12.5 8.9 13.3

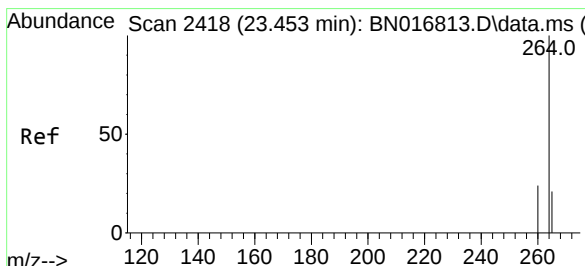
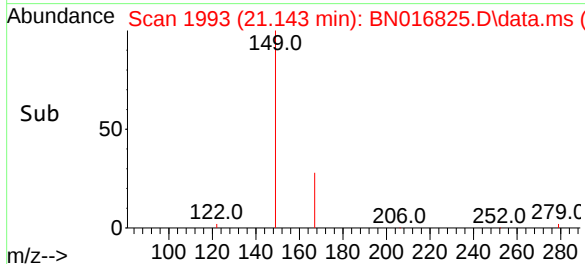
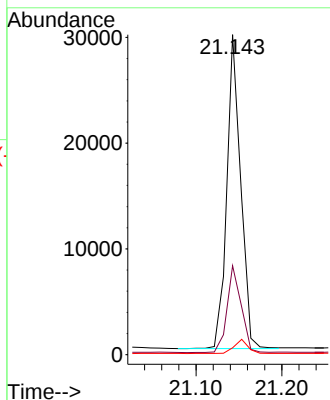
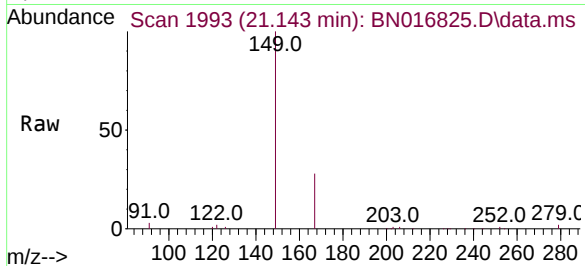




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.233 ng  
 RT: 21.143 min Scan# 1993  
 Delta R.T. -0.010 min  
 Lab File: BN016825.D  
 Acq: 08 Oct 2021 02:07

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EB-01-092921

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 33295     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 167         | 28.0  | 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. -0.006 min  
 Lab File: BN016825.D  
 Acq: 08 Oct 2021 02:07

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 98414     |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 24.4  | 19.8 29.6 |
| 265         | 23.5  | 20.3 30.5 |

