

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052621\  
 Data File : BN014778.D  
 Acq On : 26 May 2021 23:32  
 Operator : CG/JU  
 Sample : M2411-06  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-RW8-GW-798-800

Quant Time: May 27 06:55:46 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN052621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 27 01:39:07 2021  
 Response via : Initial Calibration

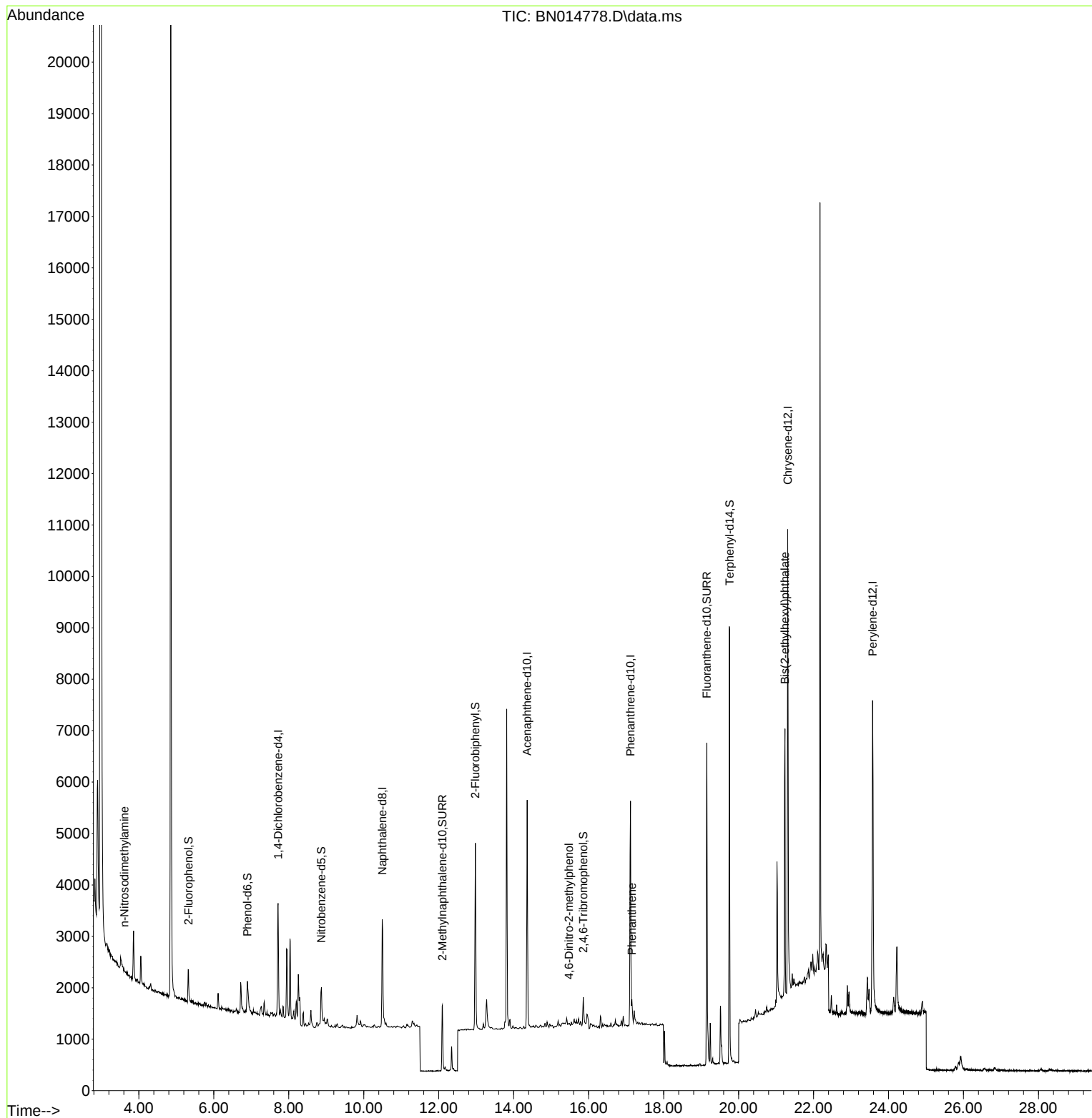
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.717  | 152  | 926      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.492 | 136  | 3311     | 0.40 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.359 | 164  | 2541     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.116 | 188  | 6606     | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.311 | 240  | 9330     | 0.40 | ng    | -0.01    |
| 35) Perylene-d12              | 23.576 | 264  | 8539     | 0.40 | ng    | #-0.01   |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.325  | 112  | 577      | 0.23 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.895  | 99   | 591      | 0.17 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.870  | 82   | 929      | 0.31 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.098 | 152  | 1872     | 0.28 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.856 | 330  | 424      | 0.29 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.976 | 172  | 3178     | 0.34 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.151 | 212  | 7962     | 0.30 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.757 | 244  | 9540     | 0.43 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
| 3) n-Nitrosodimethylamine     | 3.617  | 42   | 51       | 0.31 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.475 | 198  | 7        | 0.03 | ng    | # 52     |
| 25) Phenanthrene              | 17.152 | 178  | 459      | 0.02 | ng    | # 86     |
| 34) Bis(2-ethylhexyl)phtha... | 21.237 | 149  | 4802     | 0.60 | ng    | 98       |
| -----                         |        |      |          |      |       |          |

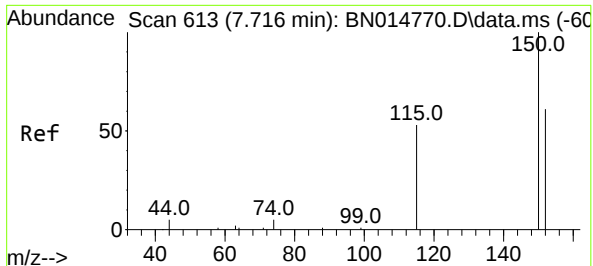
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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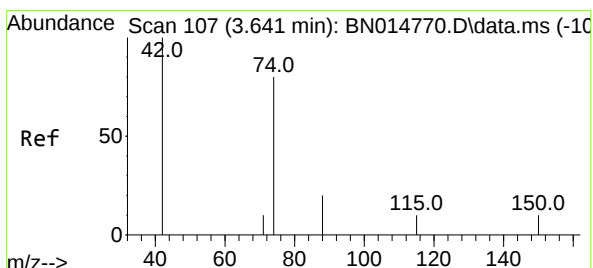
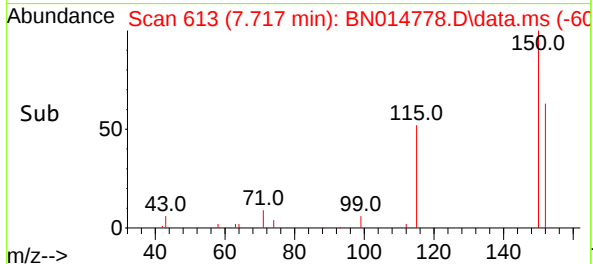
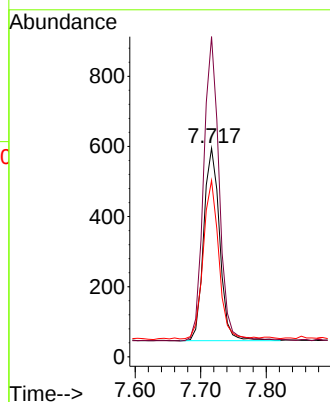
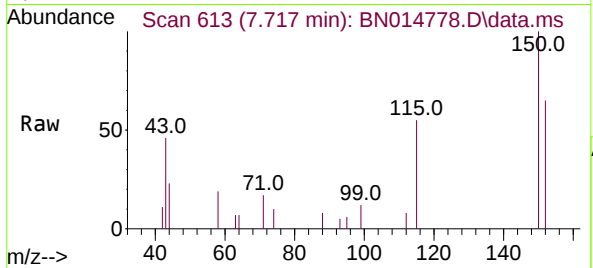




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.717 min Scan# 613  
Delta R.T. 0.001 min  
Lab File: BN014778.D  
Acq: 26 May 2021 23:32

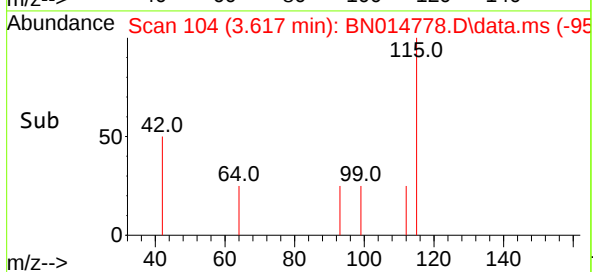
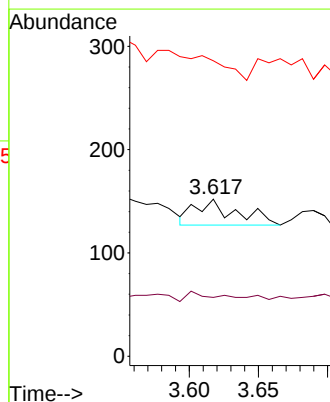
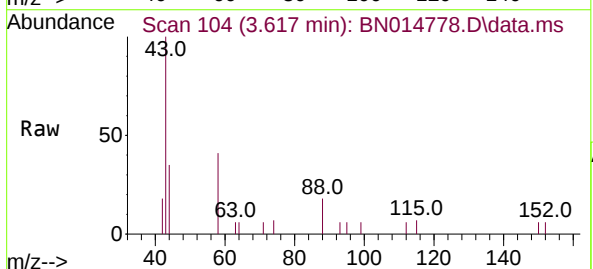
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ClientSampleId :  
BP-VPB-RW8-GW-798-800

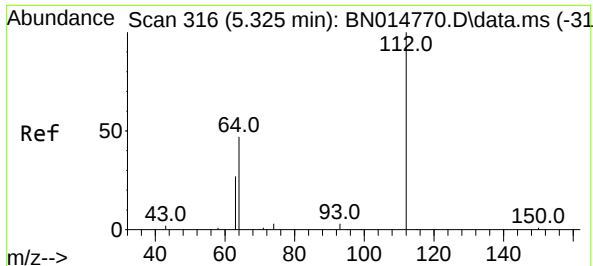
Tgt Ion:152 Resp: 926  
Ion Ratio Lower Upper  
152 100  
150 153.4 123.4 185.2  
115 84.5 73.2 109.8



#3  
n-Nitrosodimethylamine  
Concen: 0.31 ng  
RT: 3.617 min Scan# 104  
Delta R.T. -0.024 min  
Lab File: BN014778.D  
Acq: 26 May 2021 23:32

Tgt Ion: 42 Resp: 51  
Ion Ratio Lower Upper  
42 100  
74 17.6 0.0 0.0#  
44 0.0 80.0 120.0#

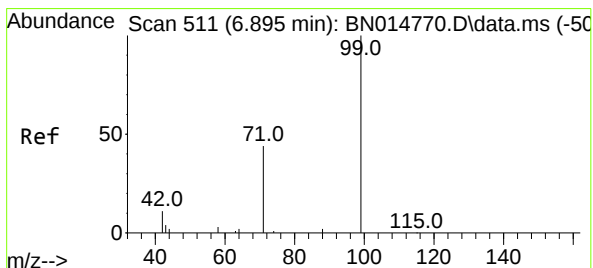
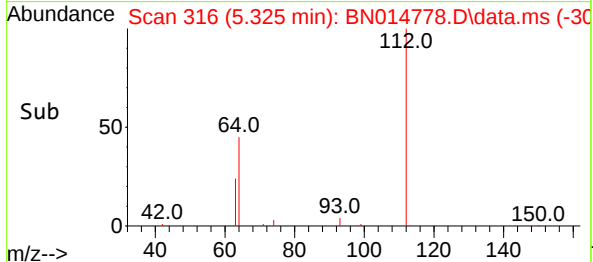
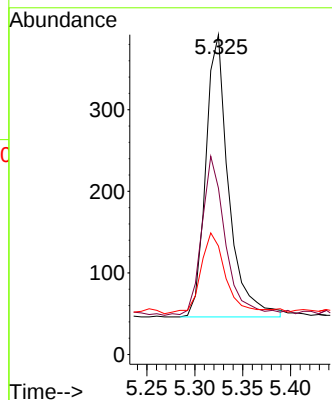
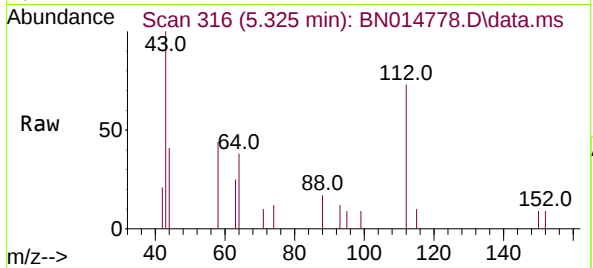




#4  
2-Fluorophenol  
Concen: 0.23 ng  
RT: 5.325 min Scan# 316  
Delta R.T. 0.000 min  
Lab File: BN014778.D  
Acq: 26 May 2021 23:32

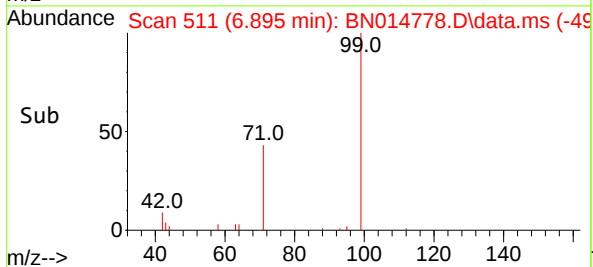
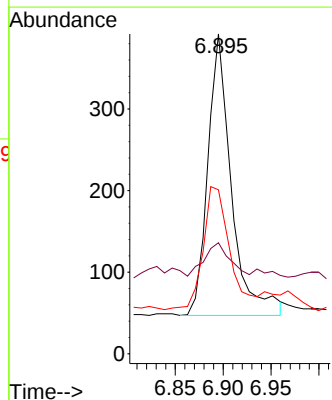
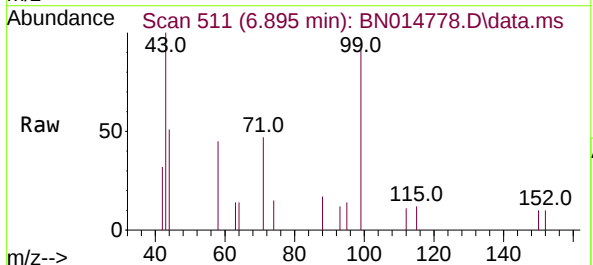
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW8-GW-798-800

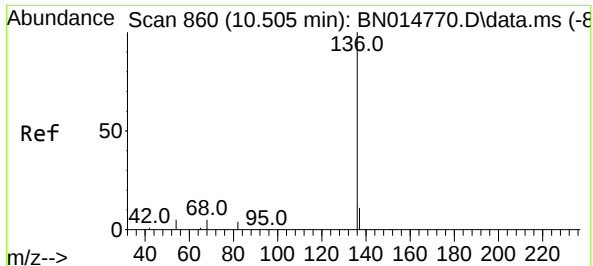
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 577   |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 58.2  | 43.6  | 65.4  |
| 63       | 31.5  | 25.0  | 37.6  |



#5  
Phenol-d6  
Concen: 0.17 ng  
RT: 6.895 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: BN014778.D  
Acq: 26 May 2021 23:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 591   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 12.5  | 10.2  | 15.2  |
| 71       | 49.2  | 32.4  | 48.6  |

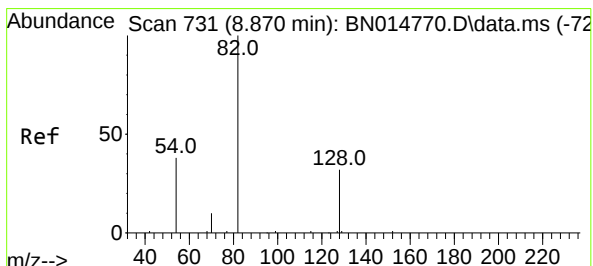
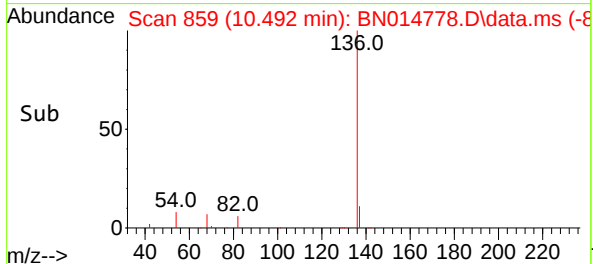
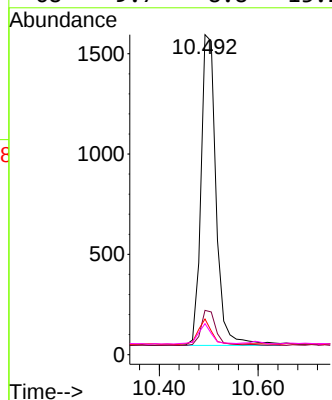
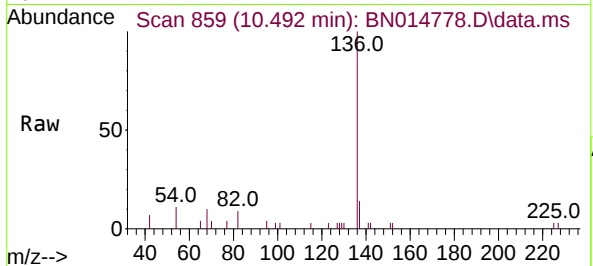




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.492 min Scan# 859  
Delta R.T. -0.013 min  
Lab File: BN014778.D  
Acq: 26 May 2021 23:32

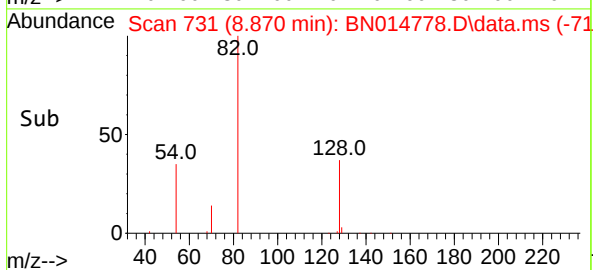
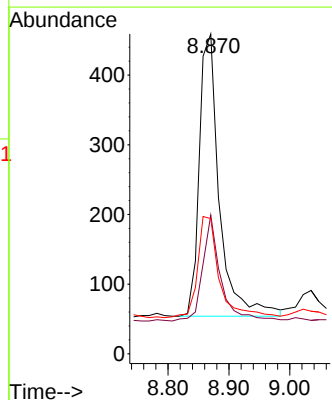
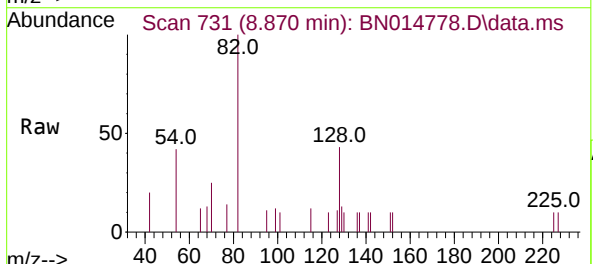
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW8-GW-798-800

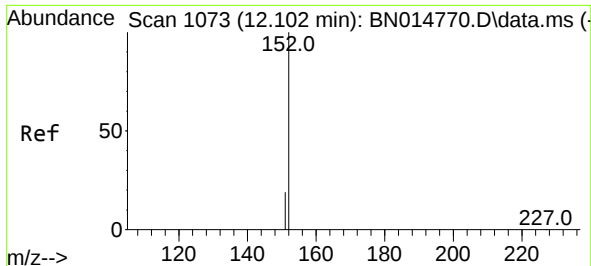
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 3311  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 13.9  | 13.2  | 19.8  |
| 54       | 11.2  | 9.0   | 13.4  |
| 68       | 9.7   | 8.8   | 13.2  |



#8  
Nitrobenzene-d5  
Concen: 0.31 ng  
RT: 8.870 min Scan# 731  
Delta R.T. 0.000 min  
Lab File: BN014778.D  
Acq: 26 May 2021 23:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 929   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 43.4  | 34.2  | 51.2  |
| 54       | 42.3  | 38.4  | 57.6  |

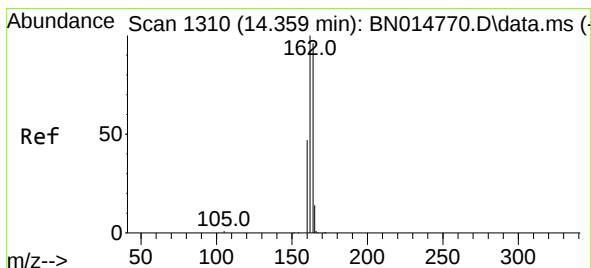
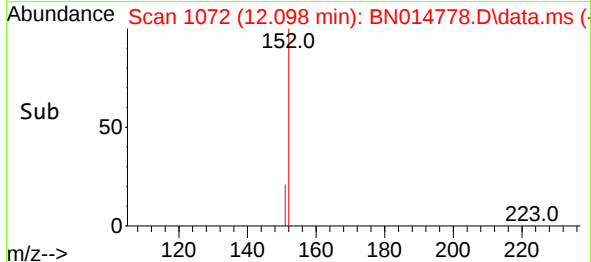
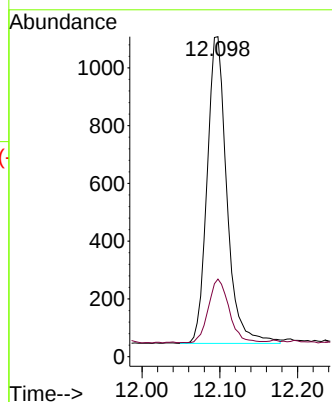
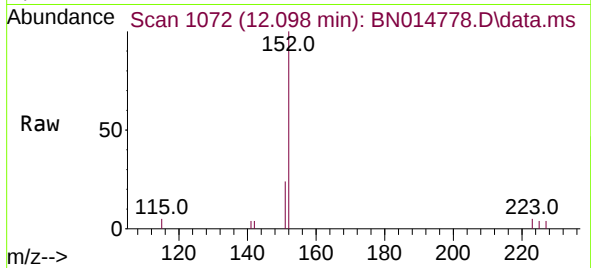




#11  
2-Methylnaphthalene-d10  
Concen: 0.28 ng  
RT: 12.098 min Scan# 1072  
Delta R.T. -0.004 min  
Lab File: BN014778.D  
Acq: 26 May 2021 23:32

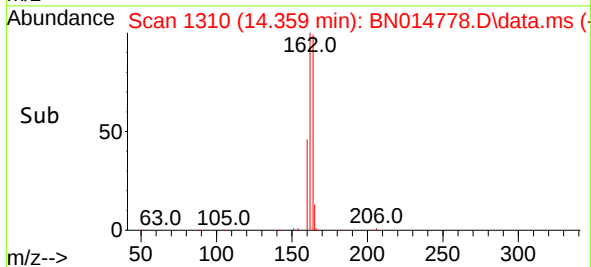
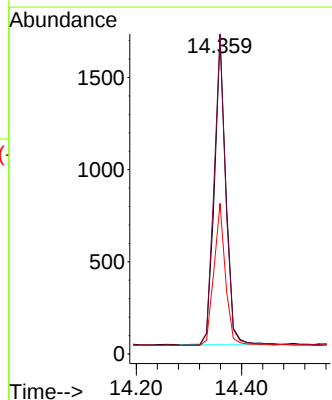
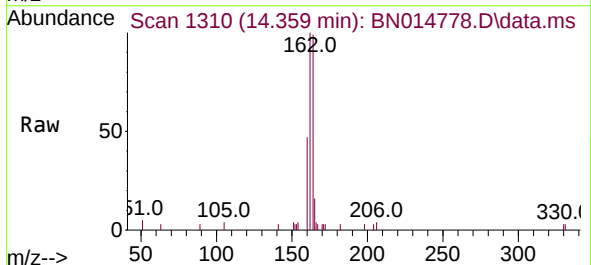
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW8-GW-798-800

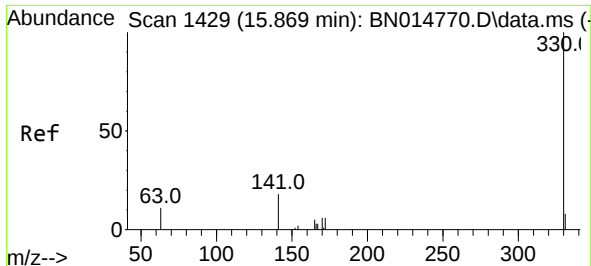
Tgt Ion:152 Resp: 1872  
Ion Ratio Lower Upper  
152 100  
151 21.6 16.8 25.2



#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.359 min Scan# 1310  
Delta R.T. 0.000 min  
Lab File: BN014778.D  
Acq: 26 May 2021 23:32

Tgt Ion:164 Resp: 2541  
Ion Ratio Lower Upper  
164 100  
162 101.1 83.2 124.8  
160 47.6 41.8 62.6

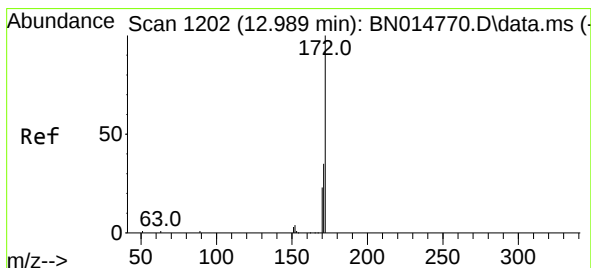
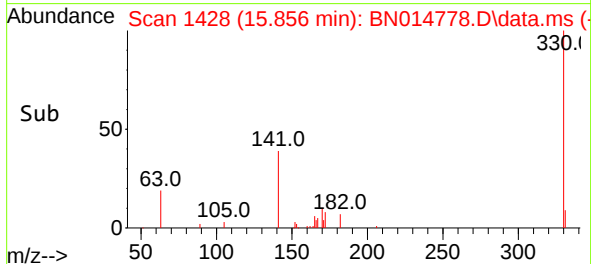
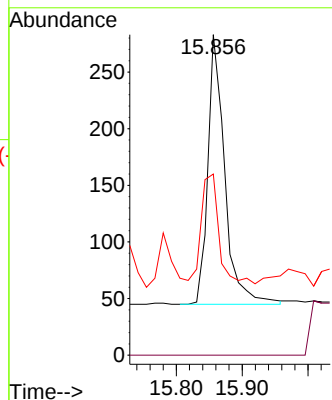
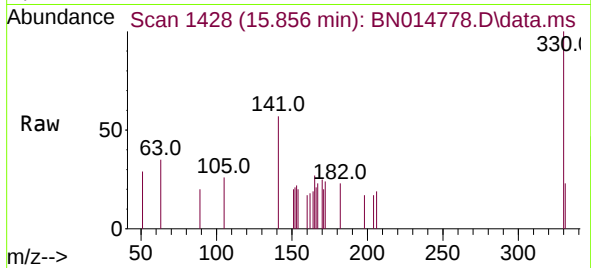




#14  
2,4,6-Tribromophenol  
Concen: 0.29 ng  
RT: 15.856 min Scan# 1428  
Delta R.T. -0.013 min  
Lab File: BN014778.D  
Acq: 26 May 2021 23:32

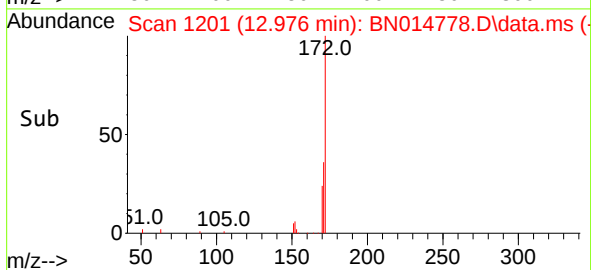
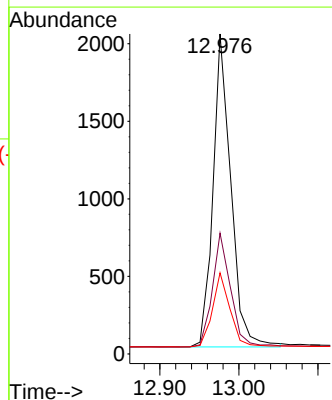
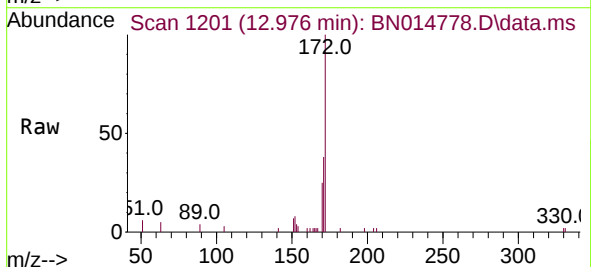
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW8-GW-798-800

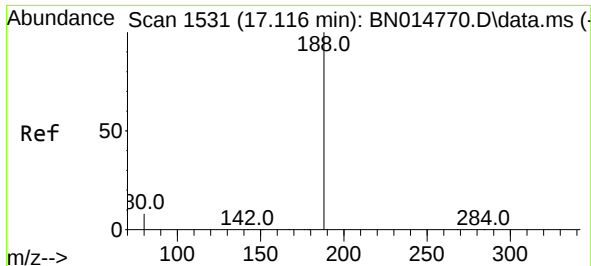
Tgt Ion:330 Resp: 424  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 42.2 21.8 32.6#



#15  
2-Fluorobiphenyl  
Concen: 0.34 ng  
RT: 12.976 min Scan# 1201  
Delta R.T. -0.013 min  
Lab File: BN014778.D  
Acq: 26 May 2021 23:32

Tgt Ion:172 Resp: 3178  
Ion Ratio Lower Upper  
172 100  
171 37.8 30.9 46.3  
170 25.4 21.4 32.0

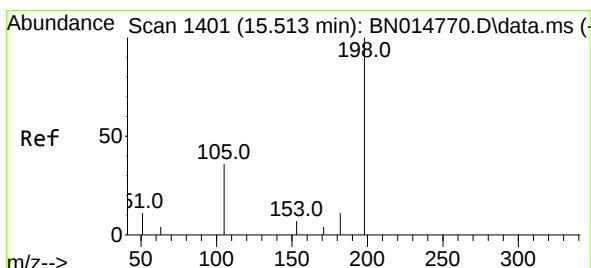
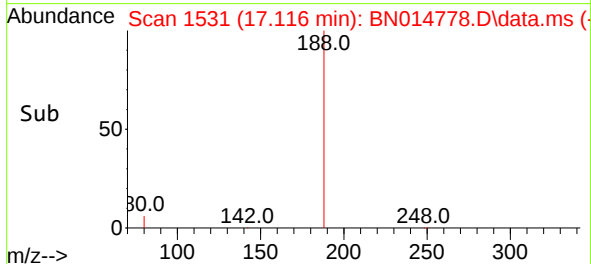
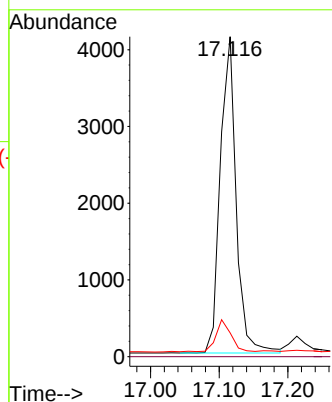
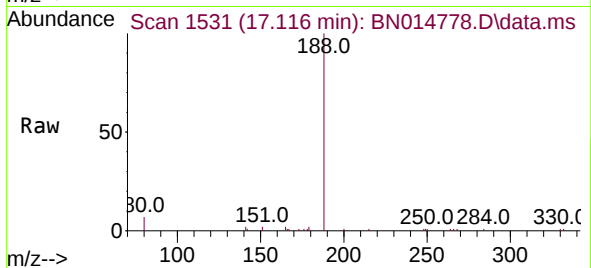




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.116 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: BN014778.D  
Acq: 26 May 2021 23:32

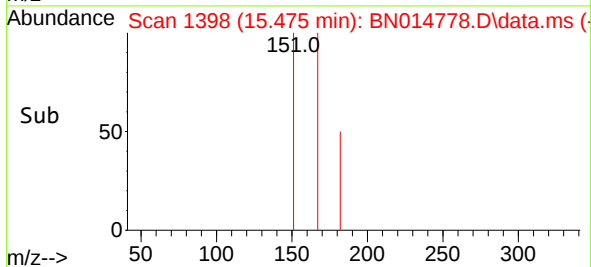
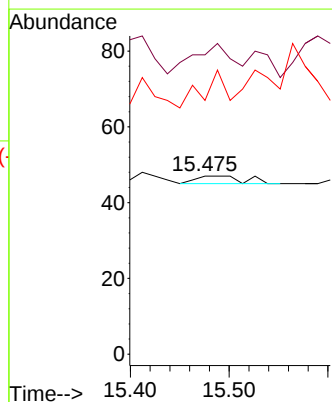
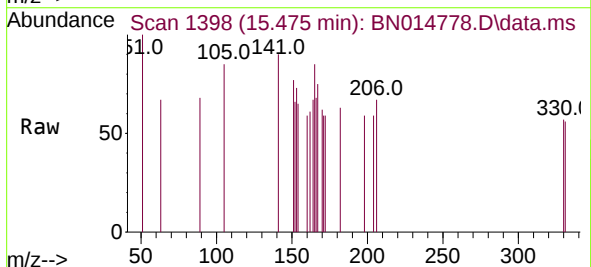
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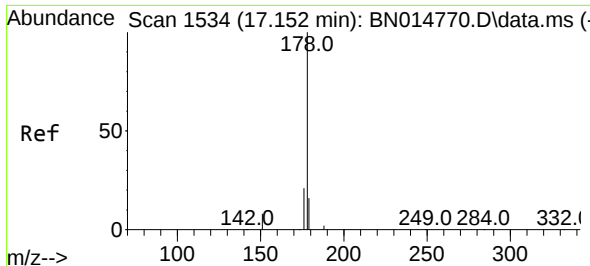
Tgt Ion:188 Resp: 6606  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 7.4 8.2 12.4#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.03 ng  
RT: 15.475 min Scan# 1398  
Delta R.T. -0.038 min  
Lab File: BN014778.D  
Acq: 26 May 2021 23:32

Tgt Ion:198 Resp: 7  
Ion Ratio Lower Upper  
198 100  
51 168.1 96.4 144.6#  
105 142.6 72.3 108.5#

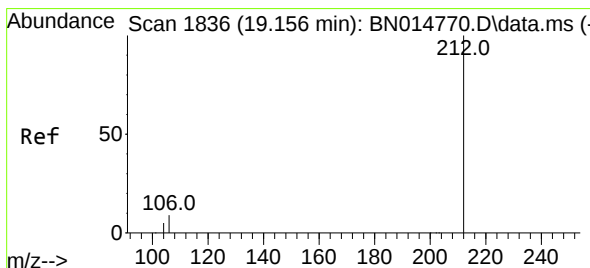
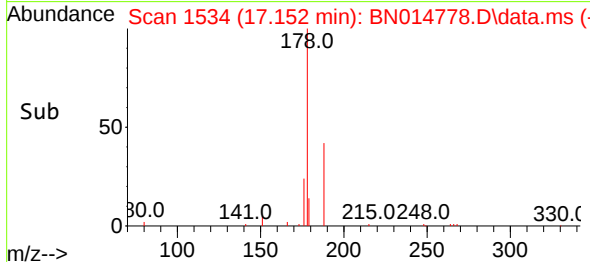
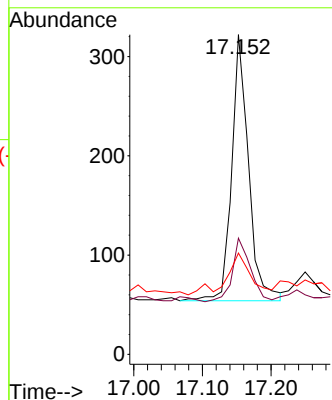
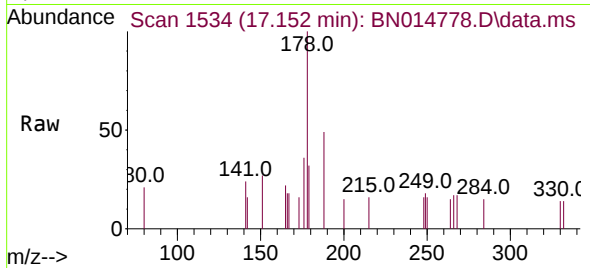




#25  
Phenanthrene  
Concen: 0.02 ng  
RT: 17.152 min Scan# 1534  
Delta R.T. 0.000 min  
Lab File: BN014778.D  
Acq: 26 May 2021 23:32

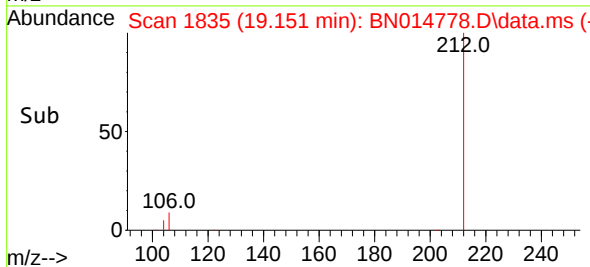
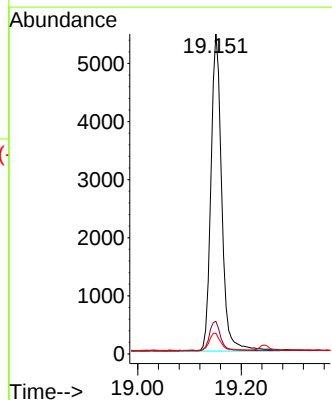
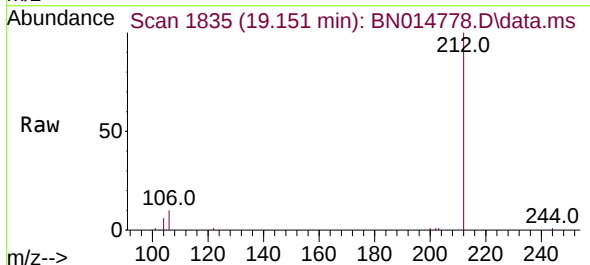
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BNA\_N  
ClientSampleId :  
BP-VPB-RW8-GW-798-800

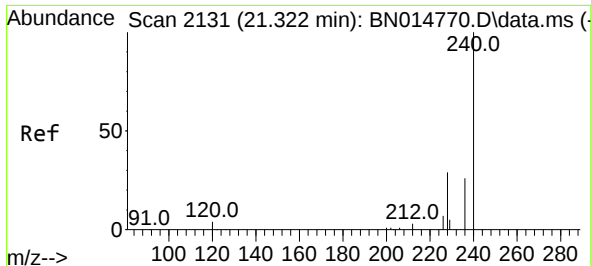
Tgt Ion:178 Resp: 459  
Ion Ratio Lower Upper  
178 100  
176 25.7 16.0 24.0#  
179 22.4 12.6 19.0#



#27  
Fluoranthene-d10  
Concen: 0.30 ng  
RT: 19.151 min Scan# 1835  
Delta R.T. -0.005 min  
Lab File: BN014778.D  
Acq: 26 May 2021 23:32

Tgt Ion:212 Resp: 7962  
Ion Ratio Lower Upper  
212 100  
106 9.7 7.4 11.2  
104 5.8 4.1 6.1

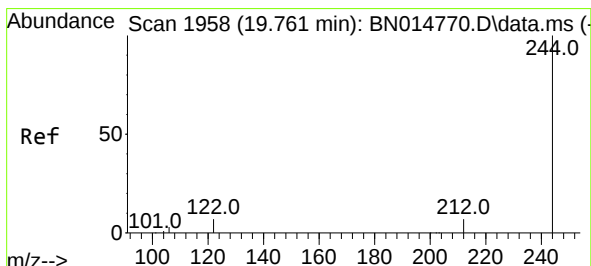
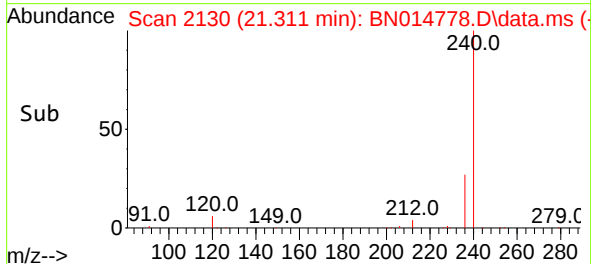
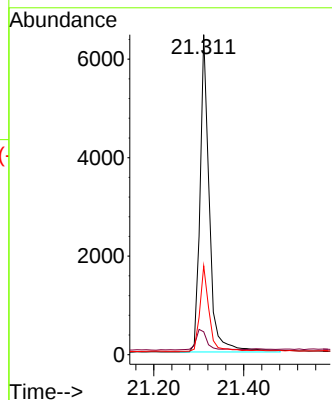
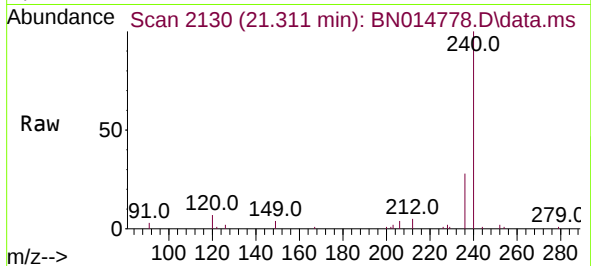




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.311 min Scan# 2130  
Delta R.T. -0.010 min  
Lab File: BN014778.D  
Acq: 26 May 2021 23:32

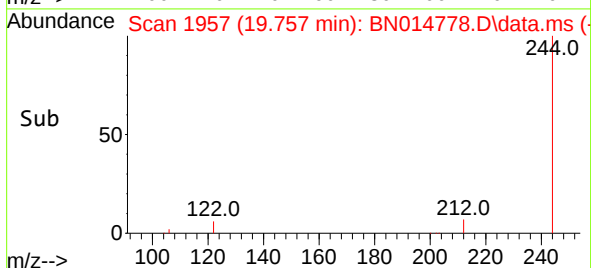
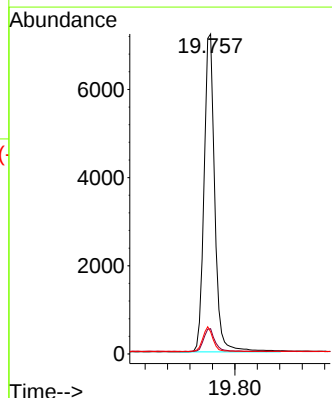
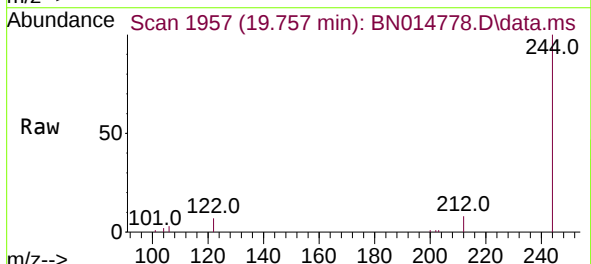
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW8-GW-798-800

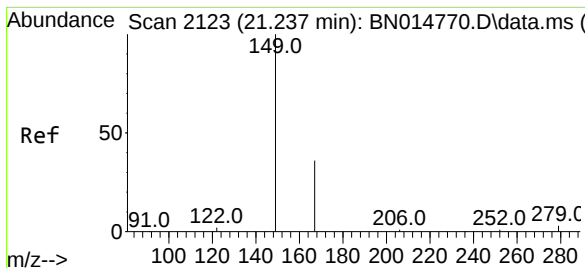
Tgt Ion:240 Resp: 9330  
Ion Ratio Lower Upper  
240 100  
120 7.1 5.2 7.8  
236 27.8 21.6 32.4



#31  
Terphenyl-d14  
Concen: 0.43 ng  
RT: 19.757 min Scan# 1957  
Delta R.T. -0.005 min  
Lab File: BN014778.D  
Acq: 26 May 2021 23:32

Tgt Ion:244 Resp: 9540  
Ion Ratio Lower Upper  
244 100  
212 7.9 6.8 10.2  
122 6.9 6.6 9.8

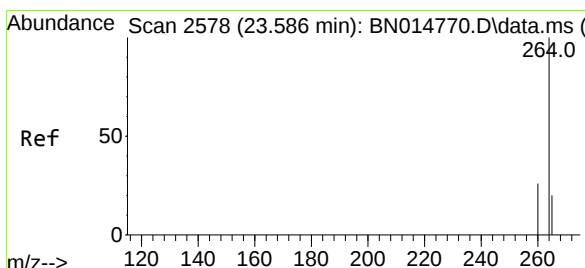
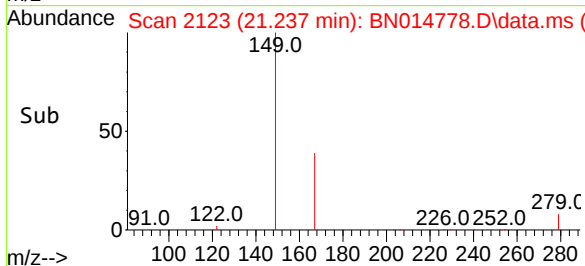
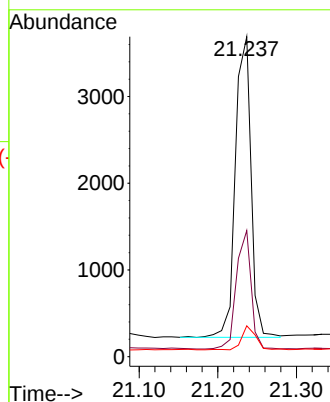
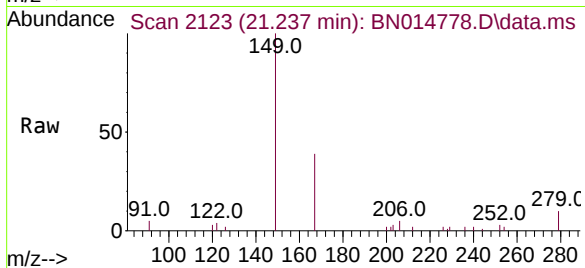




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.60 ng  
RT: 21.237 min Scan# 2123  
Delta R.T. -0.000 min  
Lab File: BN014778.D  
Acq: 26 May 2021 23:32

Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW8-GW-798-800

Tgt Ion:149 Resp: 4802  
Ion Ratio Lower Upper  
149 100  
167 36.8 28.3 42.5  
279 7.0 5.5 8.3



#35  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.576 min Scan# 2575  
Delta R.T. -0.010 min  
Lab File: BN014778.D  
Acq: 26 May 2021 23:32

Tgt Ion:264 Resp: 8539  
Ion Ratio Lower Upper  
264 100  
260 25.4 21.4 32.2  
265 40.2 40.9 61.3#

