

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102121\  
 Data File : BN017028.D  
 Acq On : 20 Oct 2021 19:53  
 Operator : CG/JU  
 Sample : M4268-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SW-RR-01-(2.0)

Quant Time: Oct 21 01:46:28 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN101821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 20 15:04:54 2021  
 Response via : Initial Calibration

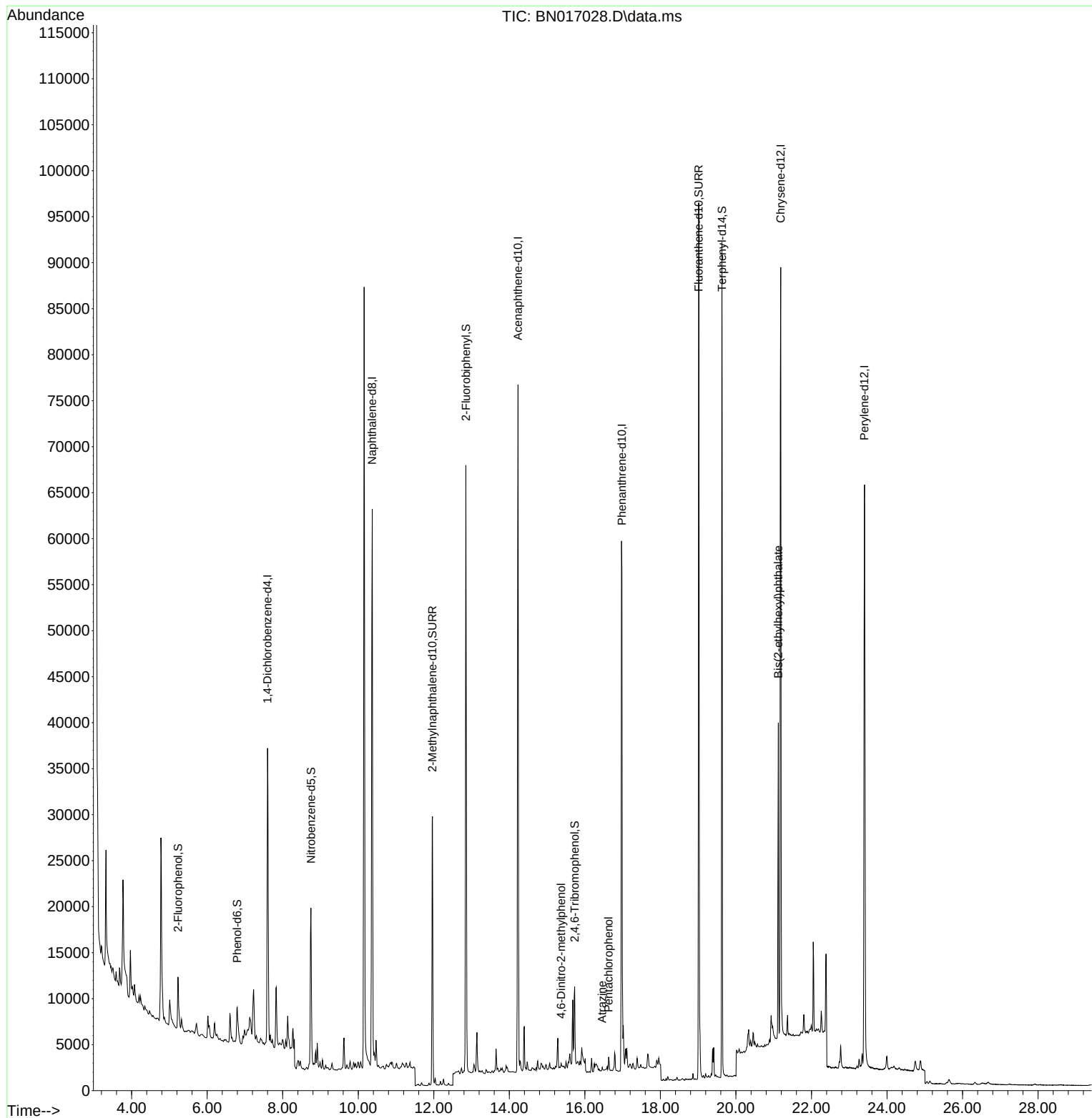
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)   |
|-------------------------------|--------|------|----------|-------|-------|------------|
| -----                         |        |      |          |       |       |            |
| Internal Standards            |        |      |          |       |       |            |
| 1) 1,4-Dichlorobenzene-d4     | 7.598  | 152  | 18146    | 0.400 | ng    | 0.00       |
| 7) Naphthalene-d8             | 10.370 | 136  | 84442    | 0.400 | ng    | 0.00       |
| 13) Acenaphthene-d10          | 14.232 | 164  | 45534    | 0.400 | ng    | 0.00       |
| 19) Phenanthrene-d10          | 16.982 | 188  | 88032    | 0.400 | ng    | 0.00       |
| 29) Chrysene-d12              | 21.186 | 240  | 84435    | 0.400 | ng    | 0.00       |
| 35) Perylene-d12              | 23.404 | 264  | 84517    | 0.400 | ng    | 0.00       |
| System Monitoring Compounds   |        |      |          |       |       |            |
| 4) 2-Fluorophenol             | 5.228  | 112  | 6237     | 0.164 | ng    | 0.02       |
| 5) Phenol-d6                  | 6.795  | 99   | 4288     | 0.098 | ng    | 0.00       |
| 8) Nitrobenzene-d5            | 8.748  | 82   | 16495    | 0.301 | ng    | 0.00       |
| 11) 2-Methylnaphthalene-d10   | 11.964 | 152  | 39685    | 0.331 | ng    | 0.00       |
| 14) 2,4,6-Tribromophenol      | 15.729 | 330  | 7940     | 0.455 | ng    | 0.00       |
| 15) 2-Fluorobiphenyl          | 12.849 | 172  | 56673    | 0.332 | ng    | 0.00       |
| 27) Fluoranthene-d10          | 19.015 | 212  | 105410   | 0.478 | ng    | 0.00       |
| 31) Terphenyl-d14             | 19.630 | 244  | 86335    | 0.462 | ng    | 0.00       |
| Target Compounds              |        |      |          |       |       |            |
| 20) 4,6-Dinitro-2-methylph... | 15.374 | 198  | 155      | 0.191 | ng    | Qvalue # 1 |
| 23) Atrazine                  | 16.459 | 200  | 312      | 0.127 | ng    | # 70       |
| 24) Pentachlorophenol         | 16.629 | 266  | 795      | 0.267 | ng    | 98         |
| 34) Bis(2-ethylhexyl)phtha... | 21.123 | 149  | 28993    | 0.386 | ng    | 100        |
| -----                         |        |      |          |       |       |            |

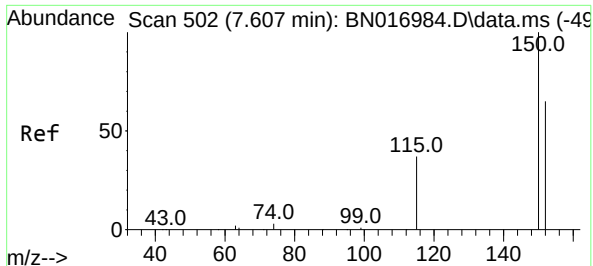
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration

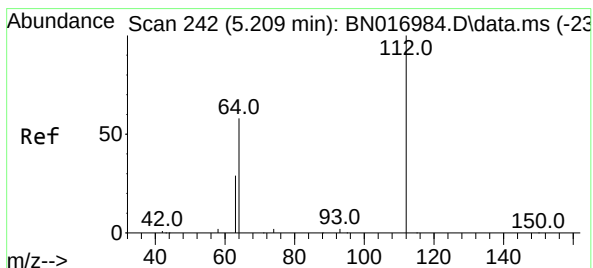
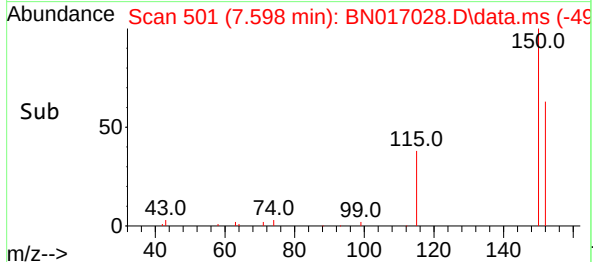
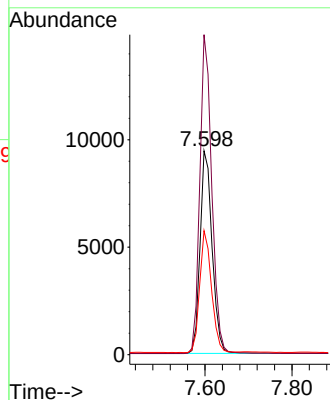
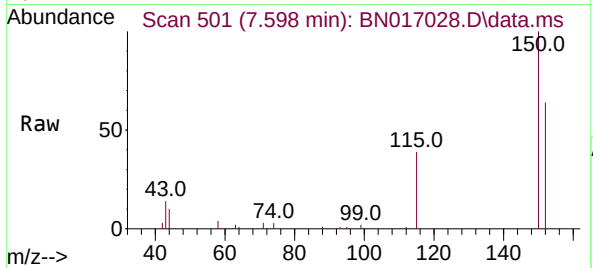




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.598 min Scan# 501  
 Delta R.T. -0.000 min  
 Lab File: BN017028.D  
 Acq: 20 Oct 2021 19:53

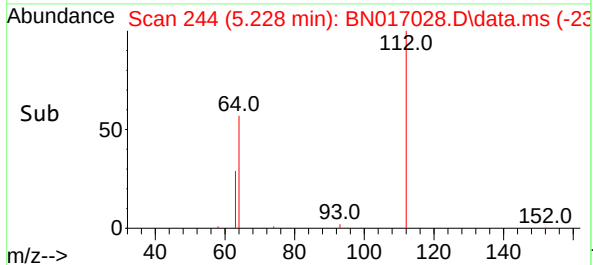
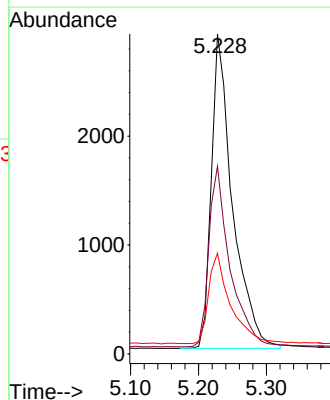
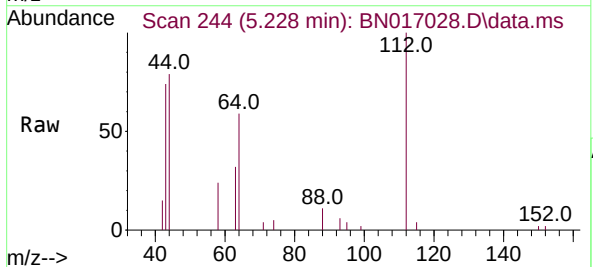
Instrument :  
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 ClientSampleId :  
 SW-RR-01-(2.0)

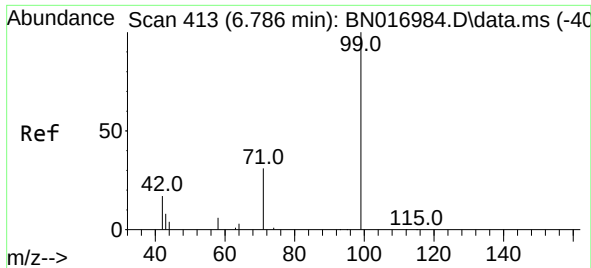
Tgt Ion:152 Resp: 18146  
 Ion Ratio Lower Upper  
 152 100  
 150 157.0 123.0 184.4  
 115 60.9 46.3 69.5



#4  
 2-Fluorophenol  
 Concen: 0.164 ng  
 RT: 5.228 min Scan# 244  
 Delta R.T. 0.018 min  
 Lab File: BN017028.D  
 Acq: 20 Oct 2021 19:53

Tgt Ion:112 Resp: 6237  
 Ion Ratio Lower Upper  
 112 100  
 64 57.2 45.5 68.3  
 63 29.5 23.0 34.6

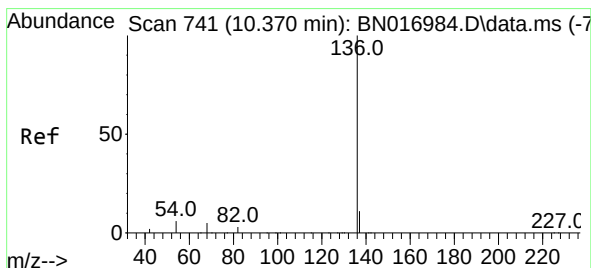
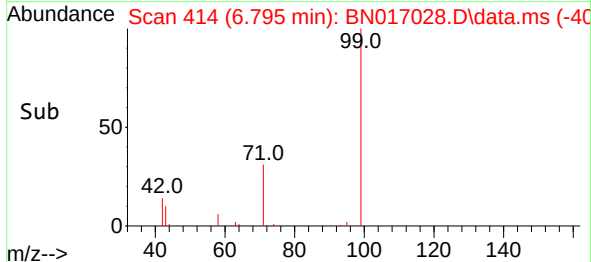
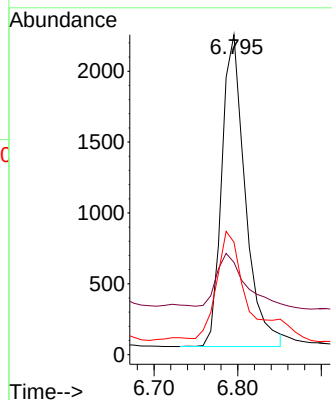
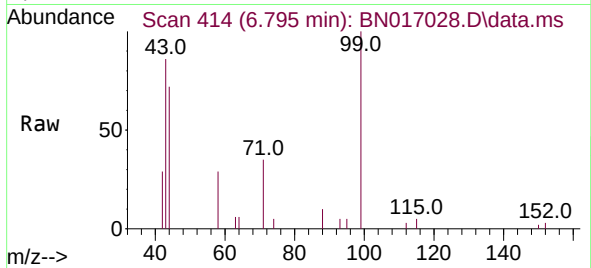




#5  
Phenol-d6  
Concen: 0.098 ng  
RT: 6.795 min Scan# 414  
Delta R.T. 0.009 min  
Lab File: BN017028.D  
Acq: 20 Oct 2021 19:53

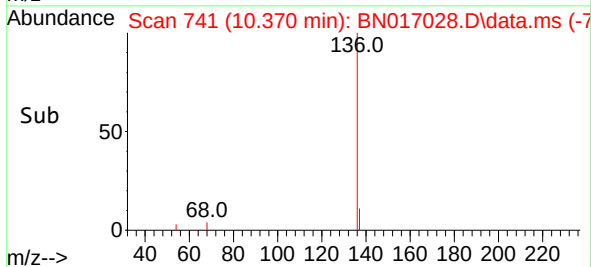
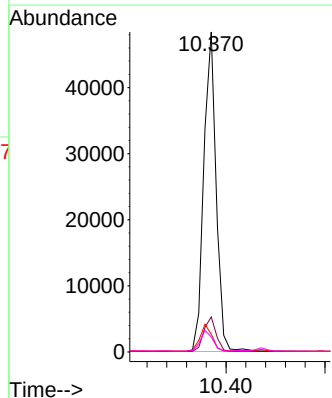
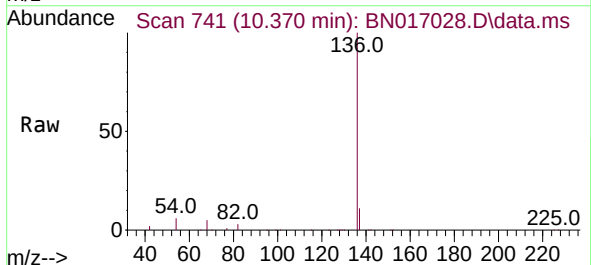
Instrument :  
BNA\_N  
ClientSampleId :  
SW-RR-01-(2.0)

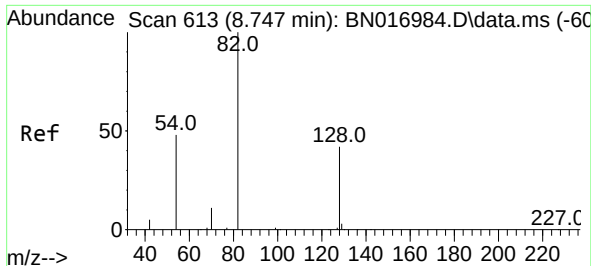
Tgt Ion: 99 Resp: 4288  
Ion Ratio Lower Upper  
99 100  
42 19.7 14.6 21.8  
71 41.6 24.8 37.2#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.370 min Scan# 741  
Delta R.T. -0.000 min  
Lab File: BN017028.D  
Acq: 20 Oct 2021 19:53

Tgt Ion: 136 Resp: 84442  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 5.5 5.2 7.8  
68 4.7 4.4 6.6

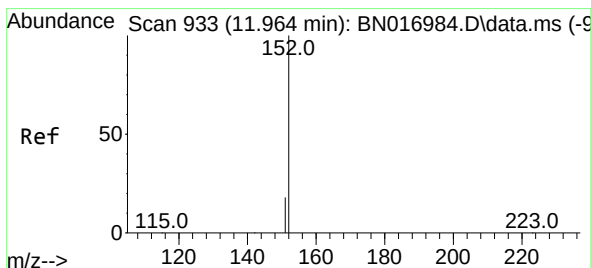
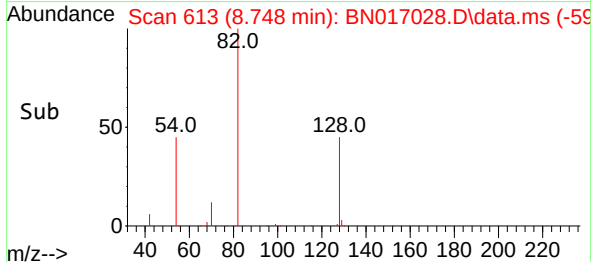
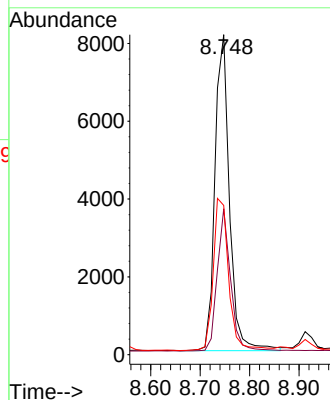
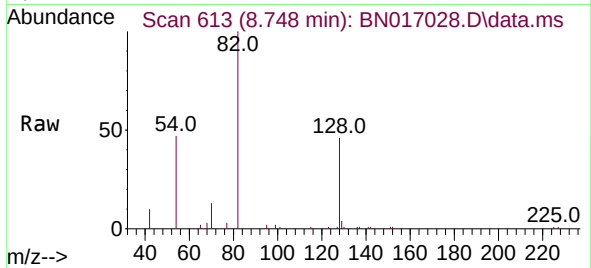




#8  
Nitrobenzene-d5  
Concen: 0.301 ng  
RT: 8.748 min Scan# 613  
Delta R.T. -0.000 min  
Lab File: BN017028.D  
Acq: 20 Oct 2021 19:53

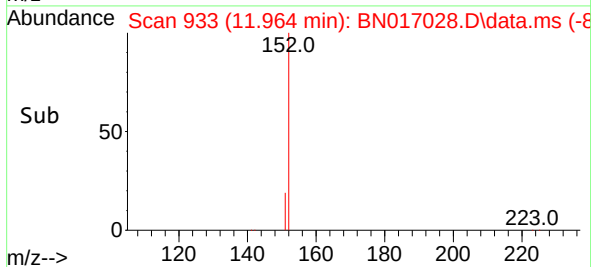
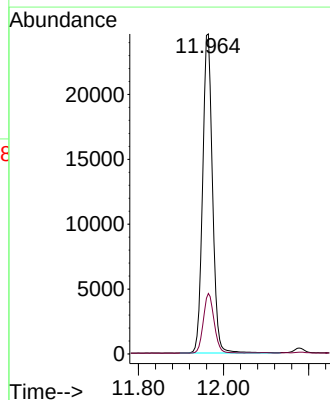
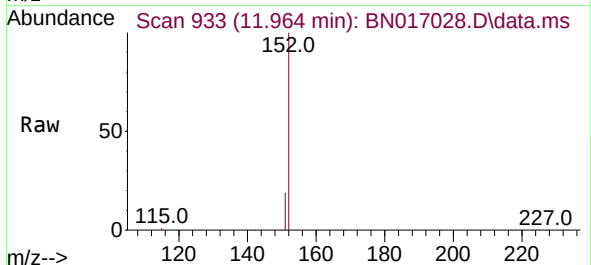
Instrument :  
BNA\_N  
ClientSampleId :  
SW-RR-01-(2.0)

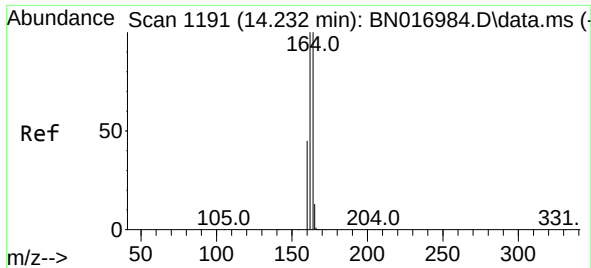
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.6  | 33.9  | 50.9  |
| 54      | 46.6  | 38.3  | 57.5  |



#11  
2-Methylnaphthalene-d10  
Concen: 0.331 ng  
RT: 11.964 min Scan# 933  
Delta R.T. -0.000 min  
Lab File: BN017028.D  
Acq: 20 Oct 2021 19:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.3  | 16.3  | 24.5  |

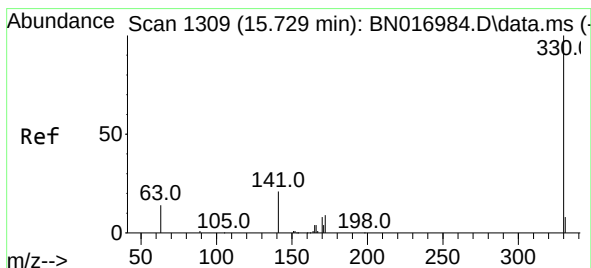
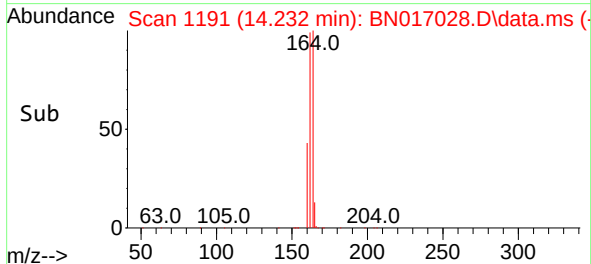
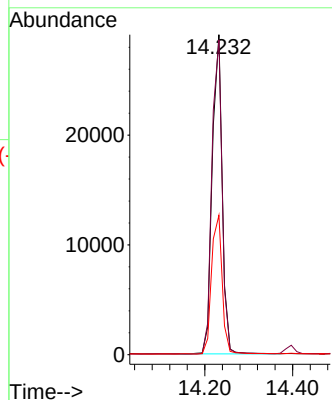
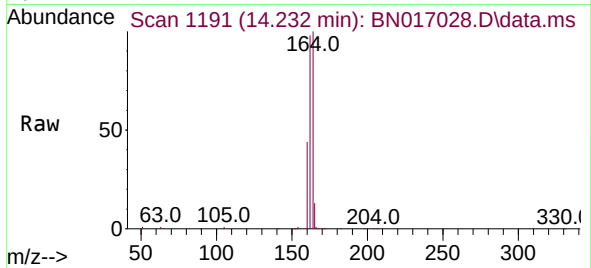




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.232 min Scan# 1191  
Delta R.T. -0.000 min  
Lab File: BN017028.D  
Acq: 20 Oct 2021 19:53

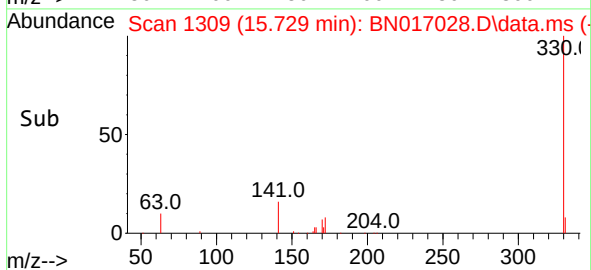
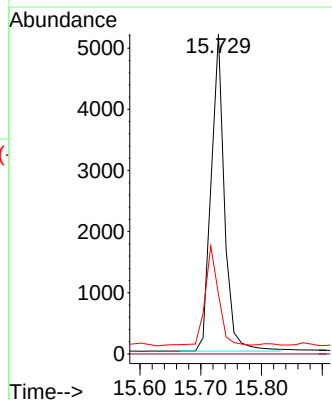
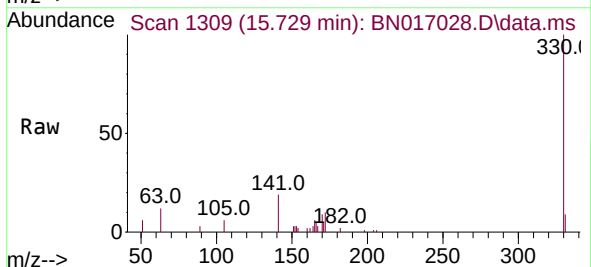
Instrument :  
BNA\_N  
ClientSampleId :  
SW-RR-01-(2.0)

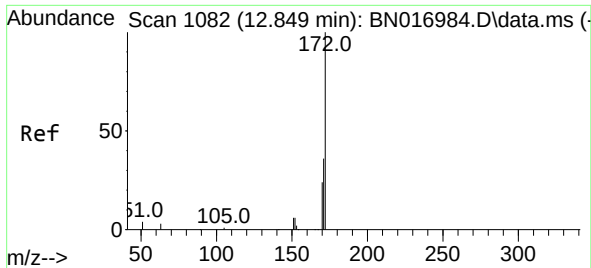
Tgt Ion:164 Resp: 45534  
Ion Ratio Lower Upper  
164 100  
162 98.4 80.2 120.2  
160 43.5 36.0 54.0



#14  
2,4,6-Tribromophenol  
Concen: 0.455 ng  
RT: 15.729 min Scan# 1309  
Delta R.T. -0.000 min  
Lab File: BN017028.D  
Acq: 20 Oct 2021 19:53

Tgt Ion:330 Resp: 7940  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 30.5 25.6 38.4

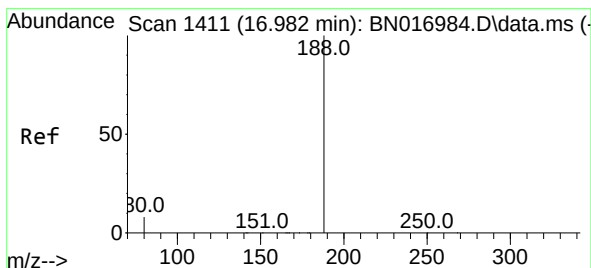
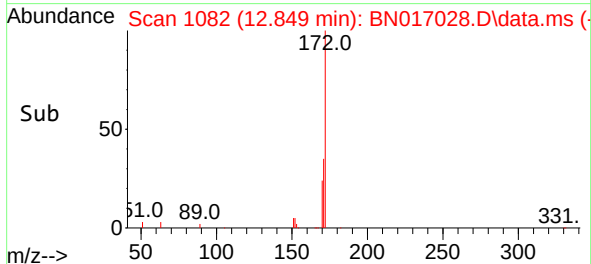
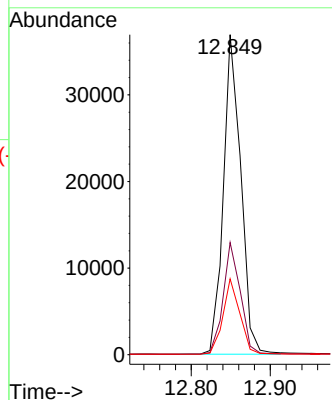
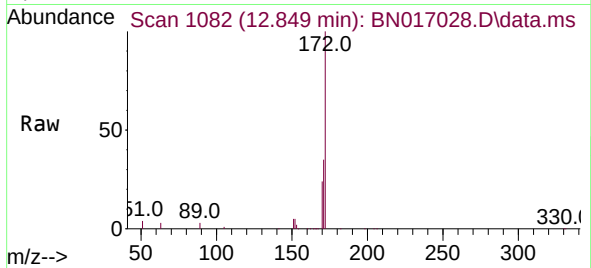




#15  
2-Fluorobiphenyl  
Concen: 0.332 ng  
RT: 12.849 min Scan# 1082  
Delta R.T. -0.000 min  
Lab File: BN017028.D  
Acq: 20 Oct 2021 19:53

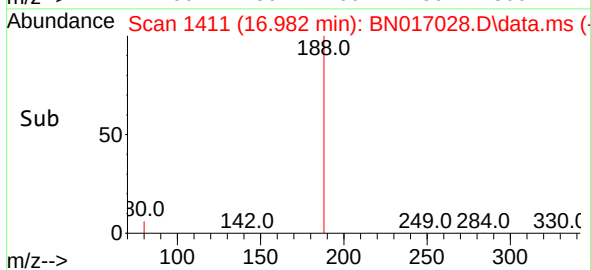
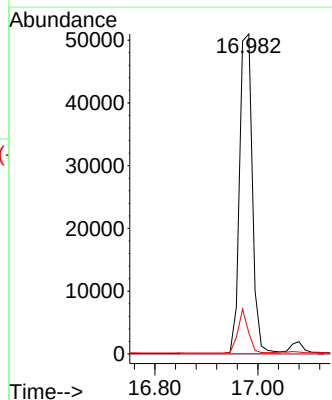
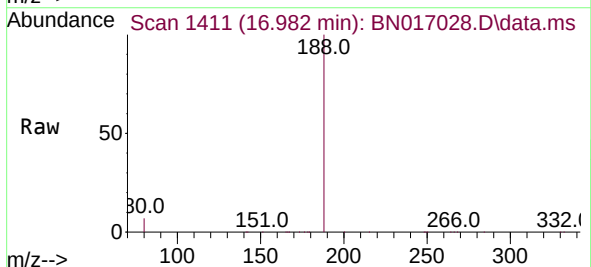
Instrument :  
BNA\_N  
ClientSampleId :  
SW-RR-01-(2.0)

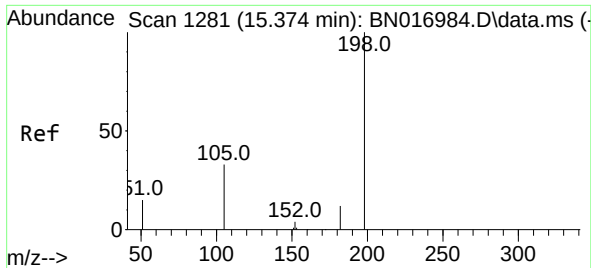
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|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 56673 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 35.1  | 28.7  | 43.1  |
| 170       | 23.7  | 19.6  | 29.4  |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.982 min Scan# 1411  
Delta R.T. -0.000 min  
Lab File: BN017028.D  
Acq: 20 Oct 2021 19:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 88032 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 6.5   | 6.2   | 9.4   |

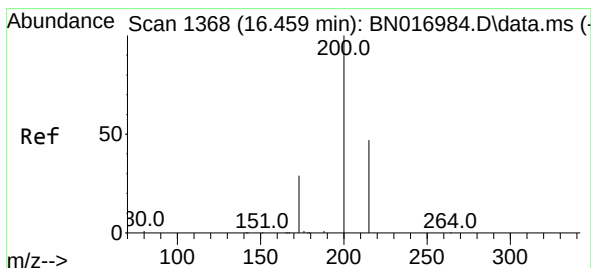
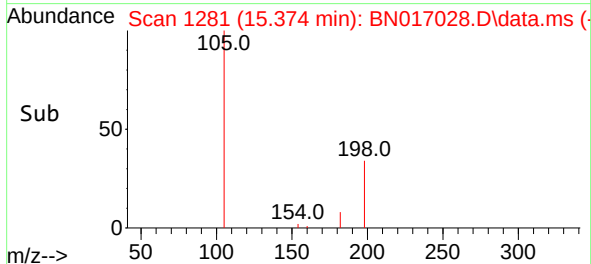
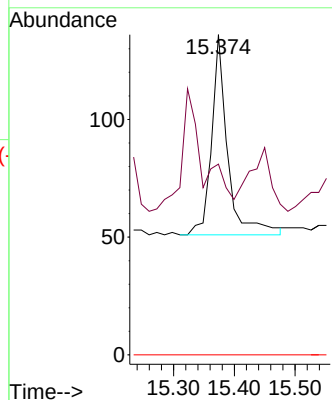
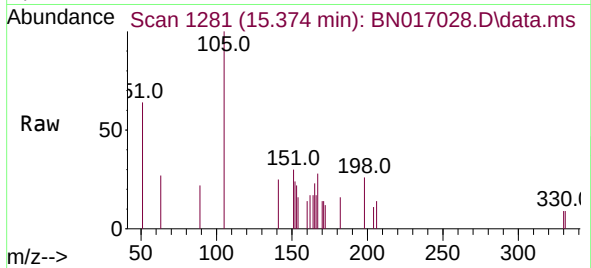




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.191 ng  
RT: 15.374 min Scan# 1281  
Delta R.T. -0.000 min  
Lab File: BN017028.D  
Acq: 20 Oct 2021 19:53

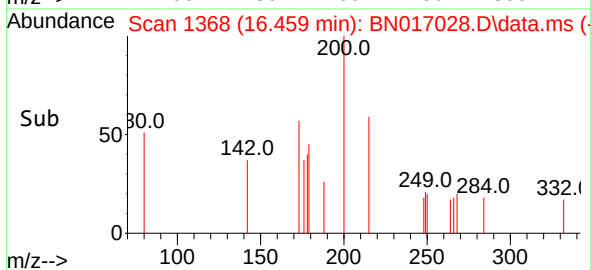
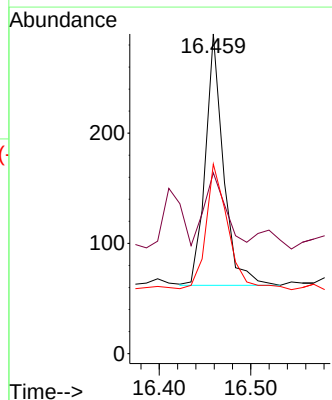
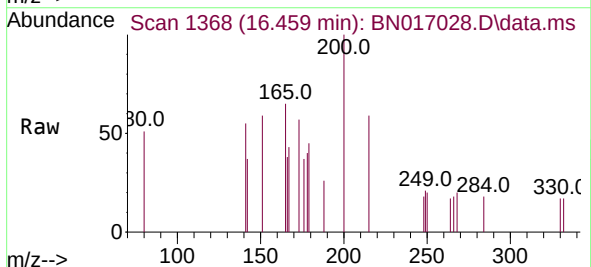
Instrument :  
BNA\_N  
ClientSampleId :  
SW-RR-01-(2.0)

Tgt Ion:198 Resp: 155  
Ion Ratio Lower Upper  
198 100  
182 59.6 12.5 18.7#  
77 0.0 0.0 0.0

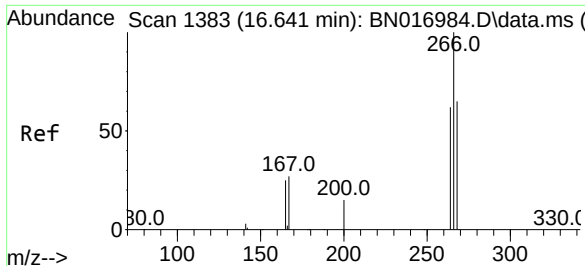


#23  
Atrazine  
Concen: 0.127 ng  
RT: 16.459 min Scan# 1368  
Delta R.T. -0.000 min  
Lab File: BN017028.D  
Acq: 20 Oct 2021 19:53

Tgt Ion:200 Resp: 312  
Ion Ratio Lower Upper  
200 100  
173 56.6 23.5 35.3#  
215 59.3 37.9 56.9#

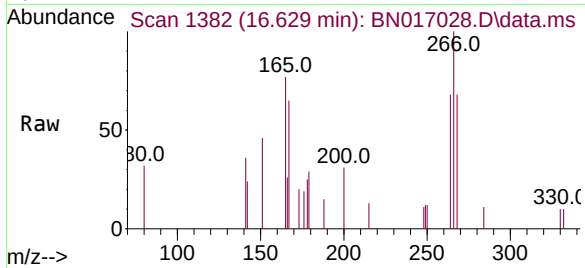




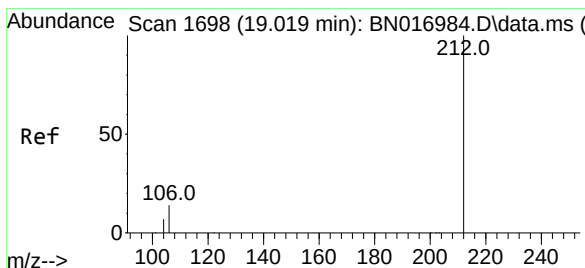
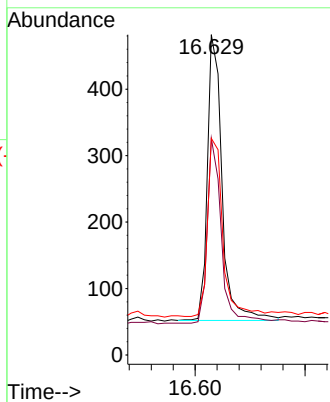
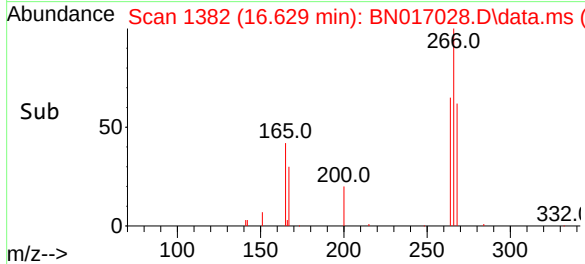


#24  
 Pentachlorophenol  
 Concen: 0.267 ng  
 RT: 16.629 min Scan# 1382  
 Delta R.T. -0.012 min  
 Lab File: BN017028.D  
 Acq: 20 Oct 2021 19:53

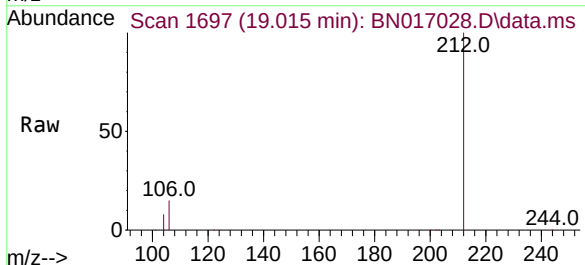
Instrument :  
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 SW-RR-01-(2.0)



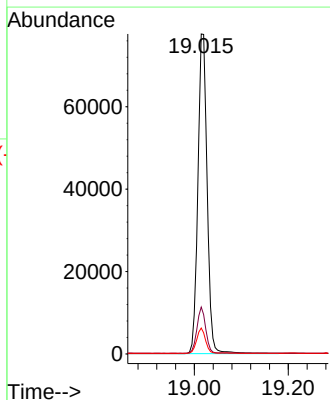
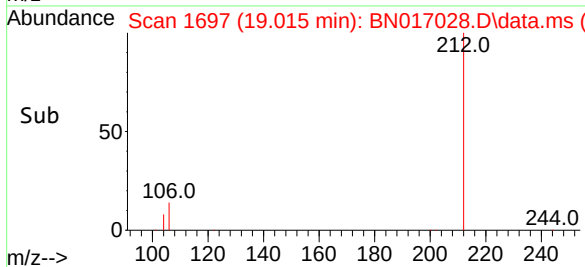
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 795  |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 61.8  | 50.0  | 75.0 |
| 268       | 66.2  | 50.9  | 76.3 |

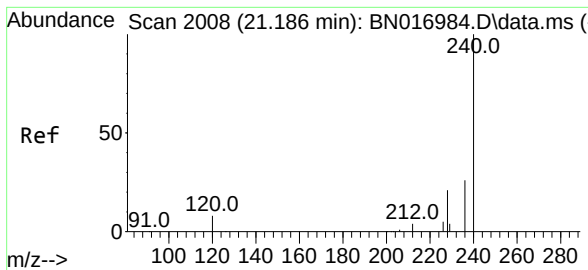


#27  
 Fluoranthene-d10  
 Concen: 0.478 ng  
 RT: 19.015 min Scan# 1697  
 Delta R.T. -0.005 min  
 Lab File: BN017028.D  
 Acq: 20 Oct 2021 19:53



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 212   | Resp: | 105410 |
| Ion Ratio | Lower | Upper |        |
| 212       | 100   |       |        |
| 106       | 13.8  | 11.0  | 16.4   |
| 104       | 7.5   | 6.0   | 9.0    |

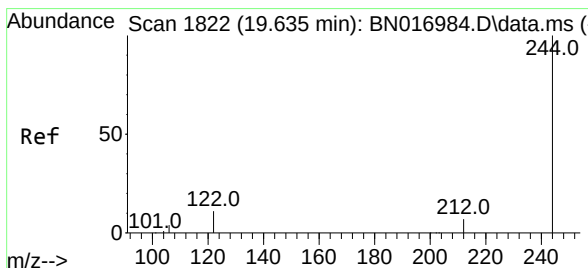
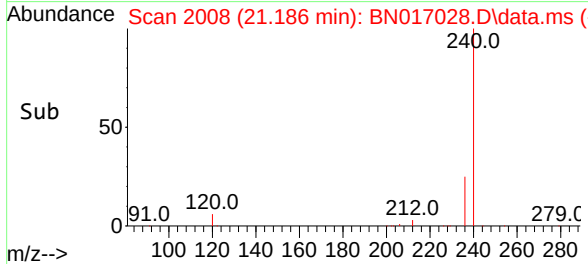
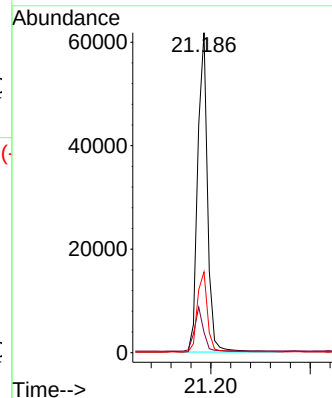
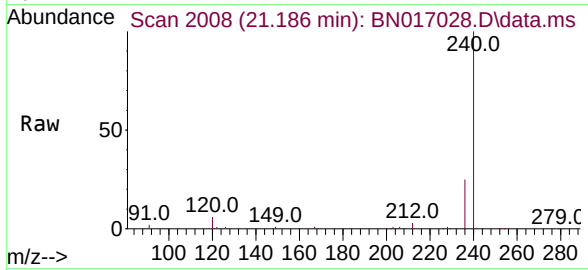




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.186 min Scan# 2008  
Delta R.T. -0.000 min  
Lab File: BN017028.D  
Acq: 20 Oct 2021 19:53

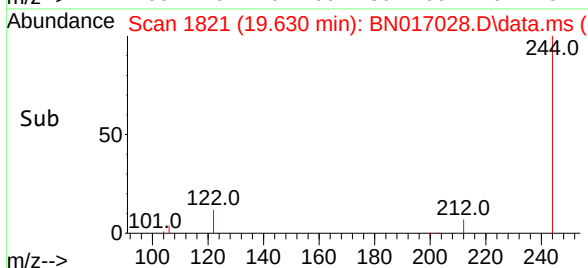
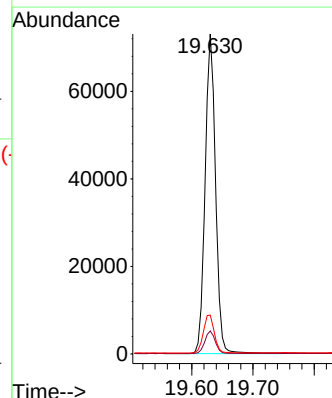
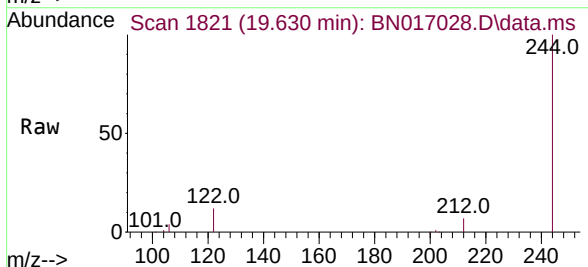
Instrument :  
BNA\_N  
ClientSampleId :  
SW-RR-01-(2.0)

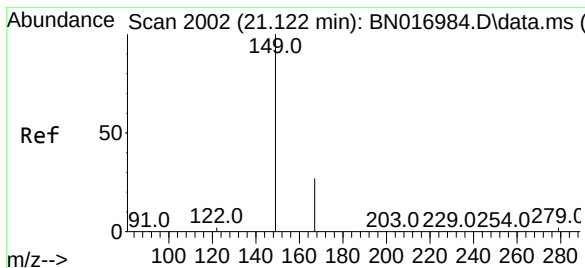
Tgt Ion:240 Resp: 84435  
Ion Ratio Lower Upper  
240 100  
120 6.4 6.4 9.6  
236 25.2 20.6 31.0



#31  
Terphenyl-d14  
Concen: 0.462 ng  
RT: 19.630 min Scan# 1821  
Delta R.T. -0.000 min  
Lab File: BN017028.D  
Acq: 20 Oct 2021 19:53

Tgt Ion:244 Resp: 86335  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.6 8.4  
122 12.2 9.0 13.6

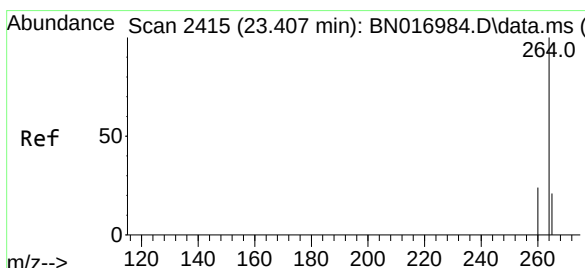
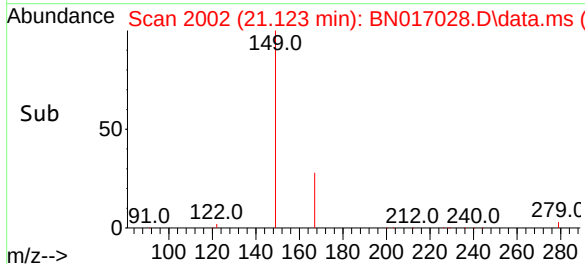
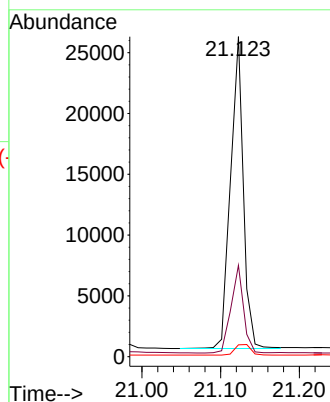
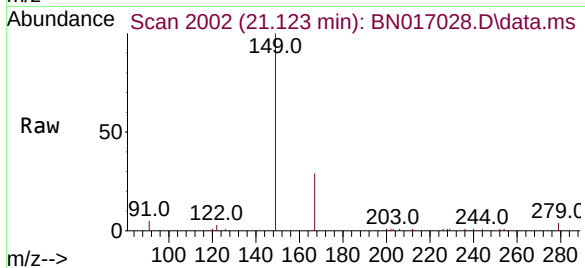




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.386 ng  
 RT: 21.123 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: BN017028.D  
 Acq: 20 Oct 2021 19:53

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SW-RR-01-(2.0)

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 28993     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 167         | 27.4  | 21.8 32.6 |
| 279         | 4.2   | 3.4 5.0   |



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.404 min Scan# 2414  
 Delta R.T. -0.000 min  
 Lab File: BN017028.D  
 Acq: 20 Oct 2021 19:53

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 84517     |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 24.7  | 19.7 29.5 |
| 265         | 23.3  | 18.3 27.5 |

