

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052121\  
 Data File : BN014693.D  
 Acq On : 21 May 2021 15:00  
 Operator : CG/JU  
 Sample : M2472-05  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-RW8-GW-918-920

Quant Time: May 21 15:37:32 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN051121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 21 11:30:28 2021  
 Response via : Initial Calibration

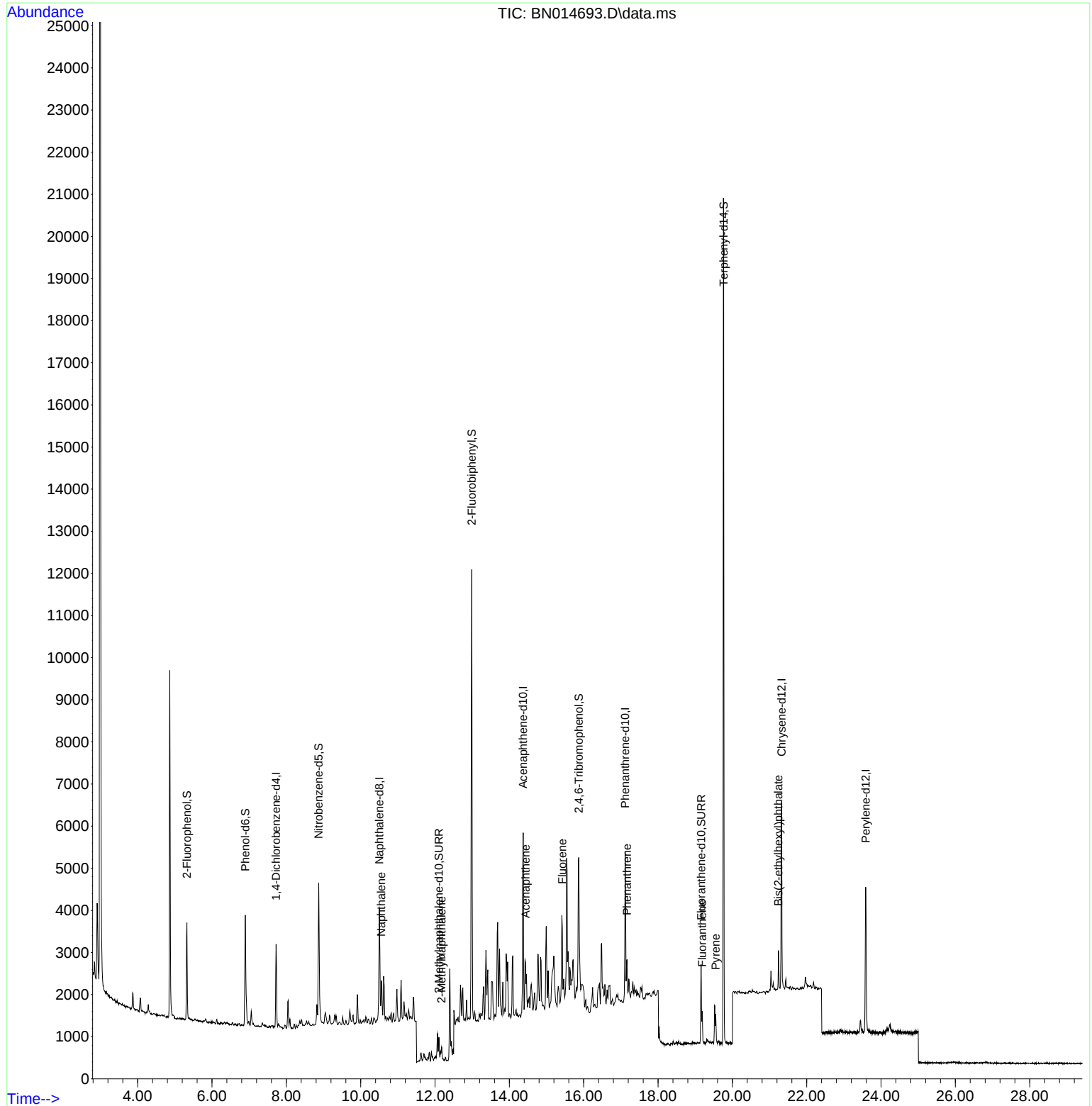
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.724  | 152  | 873      | 0.40 | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.505 | 136  | 3182     | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.372 | 164  | 2178     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.116 | 188  | 4809     | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.324 | 240  | 4734     | 0.40 | ng    | 0.01     |
| 35) Perylene-d12              | 23.588 | 264  | 4623     | 0.40 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.325  | 112  | 1851     | 0.80 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.895  | 99   | 2491     | 0.81 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.870  | 82   | 3198     | 1.16 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.102 | 152  | 780      | 0.10 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.869 | 330  | 3433     | 3.39 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.989 | 172  | 9659     | 1.21 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.159 | 212  | 2149     | 0.10 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.764 | 244  | 21109    | 1.89 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
|                               |        |      |          |      |       | Qvalue   |
| 9) Naphthalene                | 10.556 | 128  | 355      | 0.04 | ng    | # 1      |
| 12) 2-Methylnaphthalene       | 12.178 | 142  | 227      | 0.04 | ng    | # 71     |
| 17) Acenaphthene              | 14.435 | 154  | 682      | 0.12 | ng    | # 77     |
| 18) Fluorene                  | 15.425 | 166  | 1086     | 0.14 | ng    | # 88     |
| 25) Phenanthrene              | 17.165 | 178  | 1195     | 0.09 | ng    | # 88     |
| 28) Fluoranthene              | 19.188 | 202  | 649      | 0.04 | ng    | 97       |
| 30) Pyrene                    | 19.551 | 202  | 636      | 0.05 | ng    | # 85     |
| 34) Bis(2-ethylhexyl)phtha... | 21.239 | 149  | 777      | 0.20 | ng    | # 72     |
| -----                         |        |      |          |      |       |          |

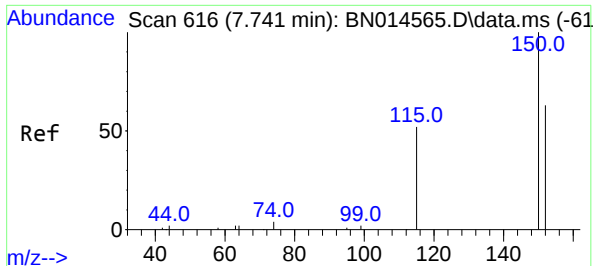
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052121\  
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Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW8-GW-918-920

Quant Time: May 21 15:37:32 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN051121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 21 11:30:28 2021  
Response via : Initial Calibration

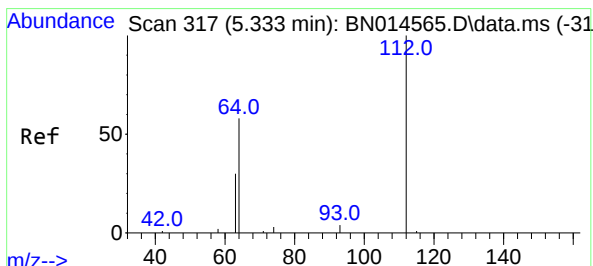
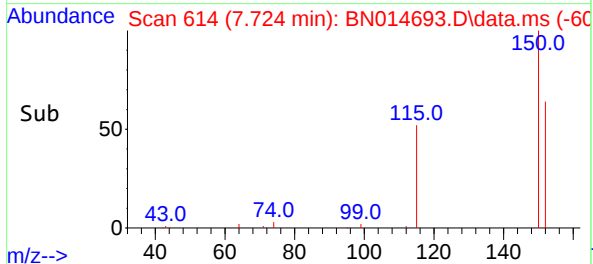
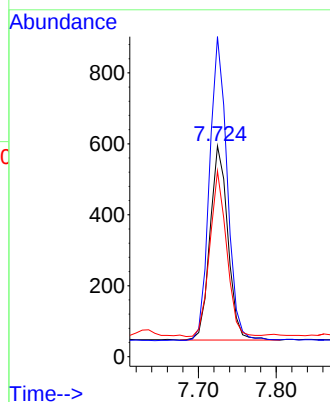
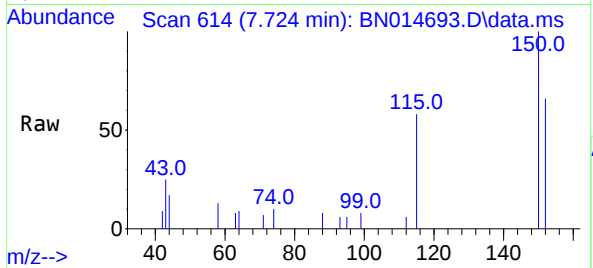




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.724 min Scan# 614  
Delta R.T. -0.001 min  
Lab File: BN014693.D  
Acq: 21 May 2021 15:00

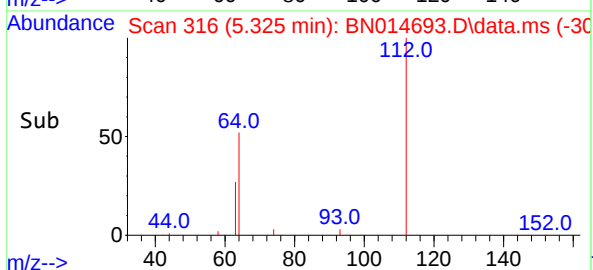
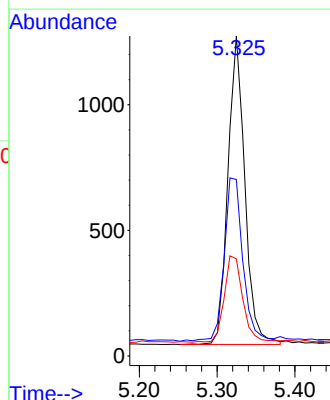
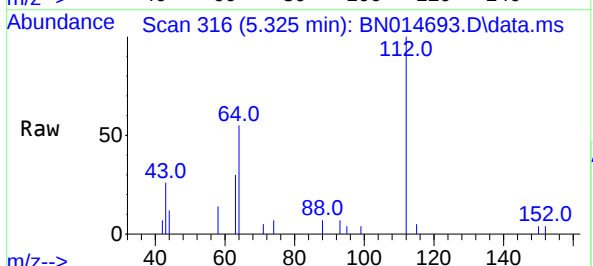
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW8-GW-918-920

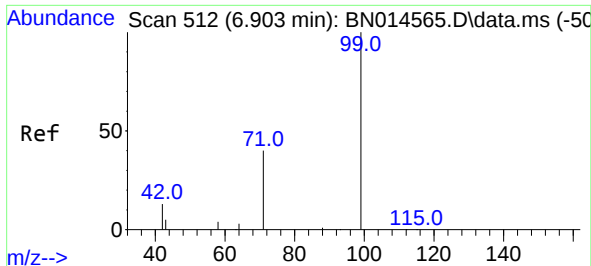
Tgt Ion:152 Resp: 873  
Ion Ratio Lower Upper  
152 100  
150 151.9 123.8 185.8  
115 88.0 47.0 70.4#



#4  
2-Fluorophenol  
Concen: 0.80 ng  
RT: 5.325 min Scan# 316  
Delta R.T. -0.000 min  
Lab File: BN014693.D  
Acq: 21 May 2021 15:00

Tgt Ion:112 Resp: 1851  
Ion Ratio Lower Upper  
112 100  
64 58.5 41.8 62.6  
63 30.7 22.0 33.0

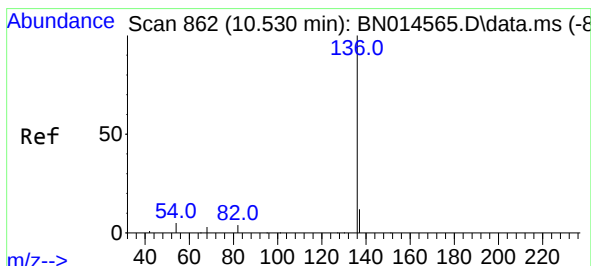
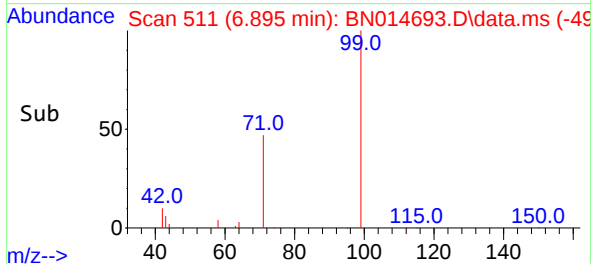
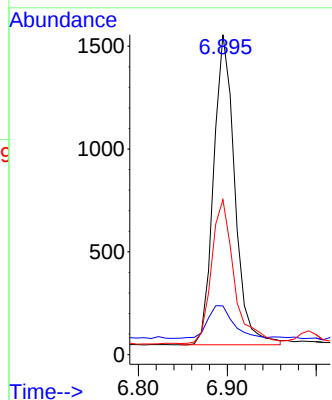
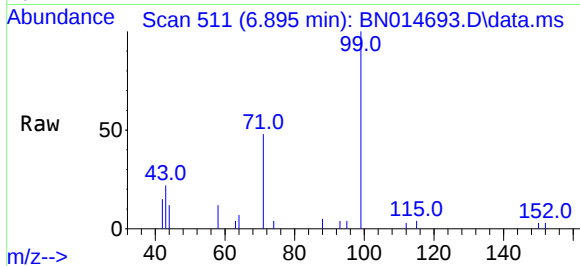




#5  
Phenol-d6  
Concen: 0.81 ng  
RT: 6.895 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: BN014693.D  
Acq: 21 May 2021 15:00

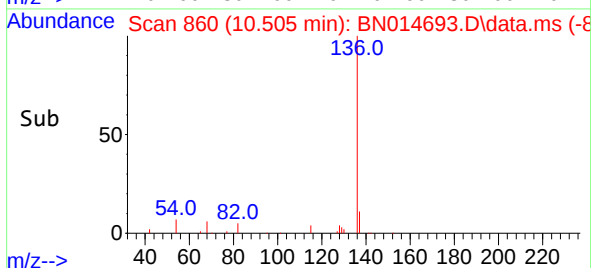
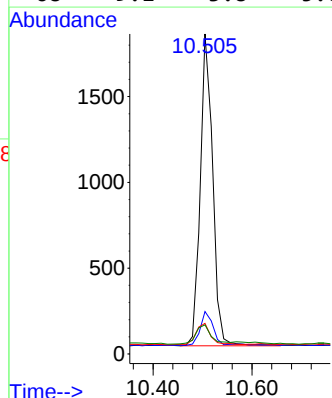
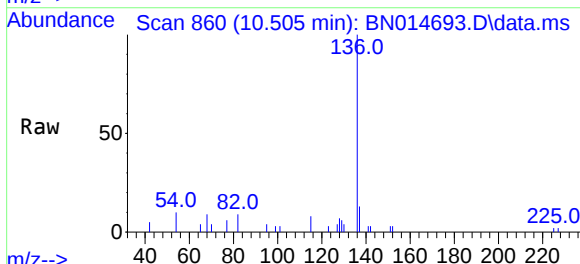
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW8-GW-918-920

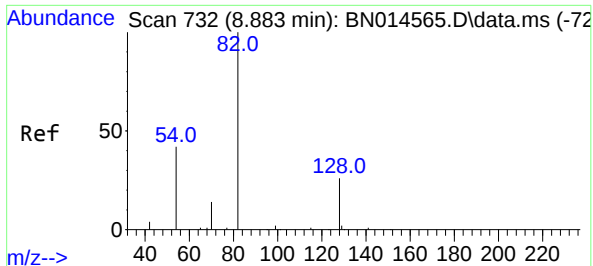
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 2491  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 13.0  | 13.2  | 19.8# |
| 71       | 50.3  | 26.2  | 39.2# |



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.505 min Scan# 860  
Delta R.T. -0.000 min  
Lab File: BN014693.D  
Acq: 21 May 2021 15:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 3182  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 13.2  | 8.9   | 13.3  |
| 54       | 9.5   | 3.8   | 5.8#  |
| 68       | 9.1   | 3.8   | 5.6#  |

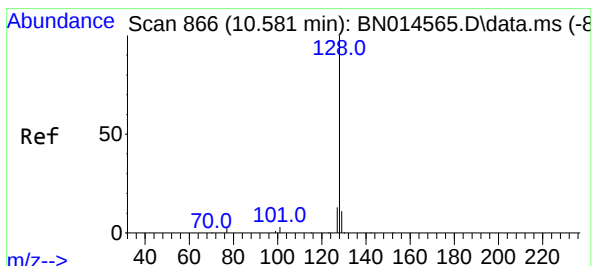
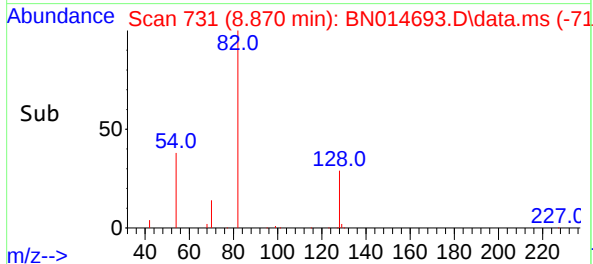
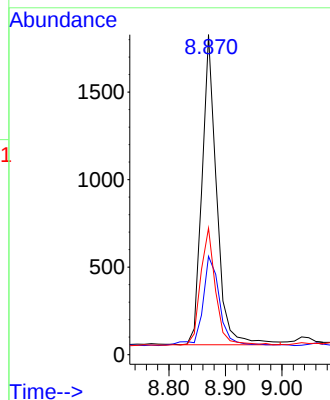
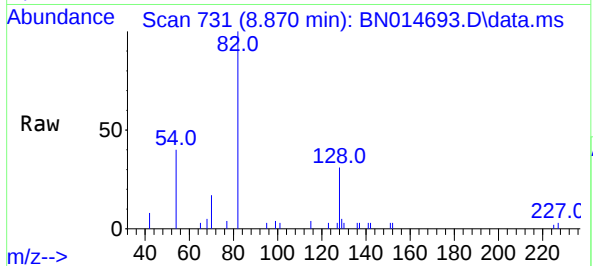




#8  
Nitrobenzene-d5  
Concen: 1.16 ng  
RT: 8.870 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: BN014693.D  
Acq: 21 May 2021 15:00

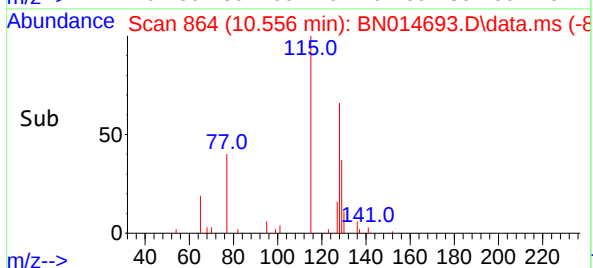
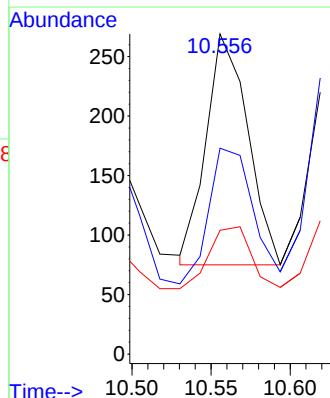
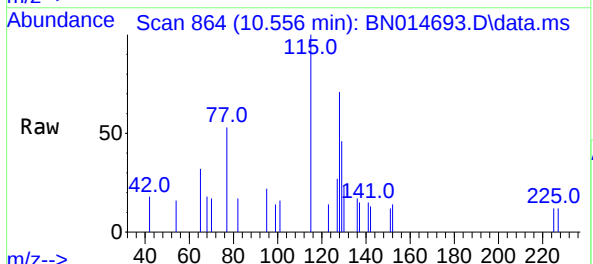
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW8-GW-918-920

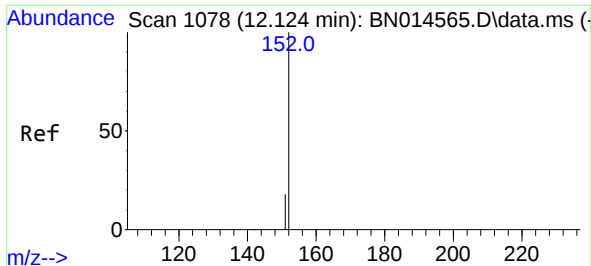
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 3198  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 30.7  | 29.5  | 44.3  |
| 54       | 39.6  | 36.9  | 55.3  |



#9  
Naphthalene  
Concen: 0.04 ng  
RT: 10.556 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: BN014693.D  
Acq: 21 May 2021 15:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 355   |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 64.3  | 9.0   | 13.4# |
| 127      | 38.7  | 10.4  | 15.6# |

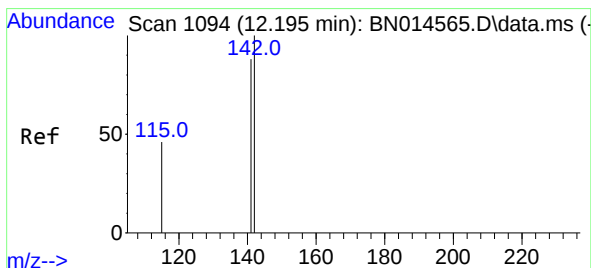
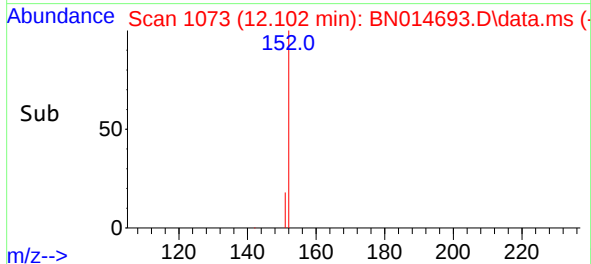
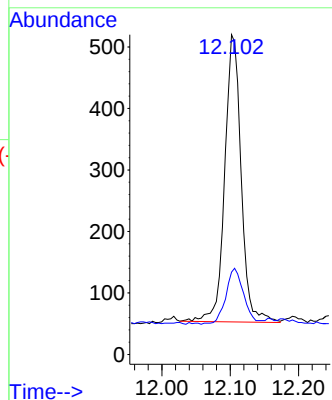
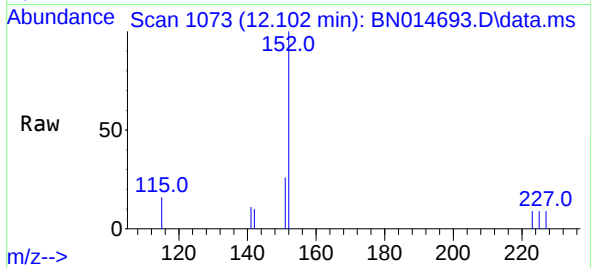




#11  
2-Methylnaphthalene-d10  
Concen: 0.10 ng  
RT: 12.102 min Scan# 1073  
Delta R.T. -0.000 min  
Lab File: BN014693.D  
Acq: 21 May 2021 15:00

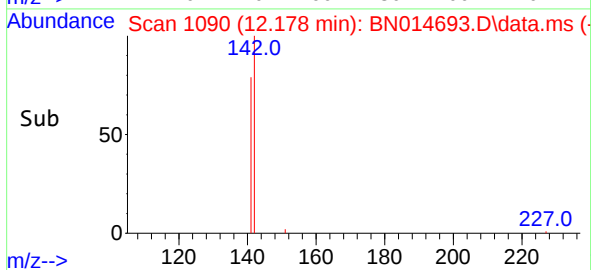
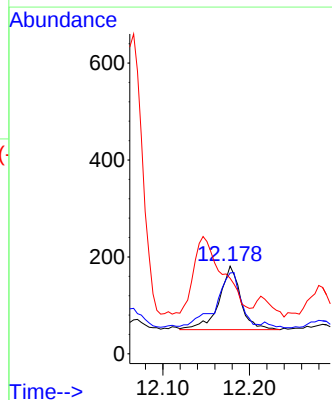
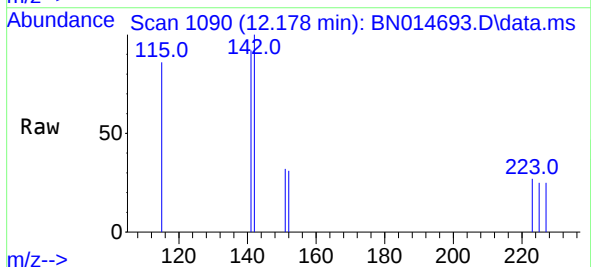
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW8-GW-918-920

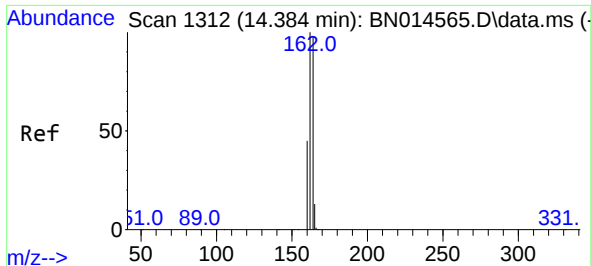
Tgt Ion:152 Resp: 780  
Ion Ratio Lower Upper  
152 100  
151 21.2 16.2 24.2



#12  
2-Methylnaphthalene  
Concen: 0.04 ng  
RT: 12.178 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: BN014693.D  
Acq: 21 May 2021 15:00

Tgt Ion:142 Resp: 227  
Ion Ratio Lower Upper  
142 100  
141 92.3 70.2 105.4  
115 86.2 26.7 40.1#

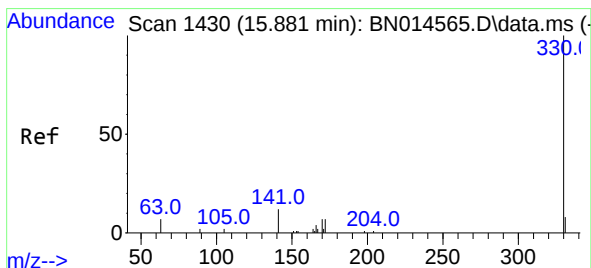
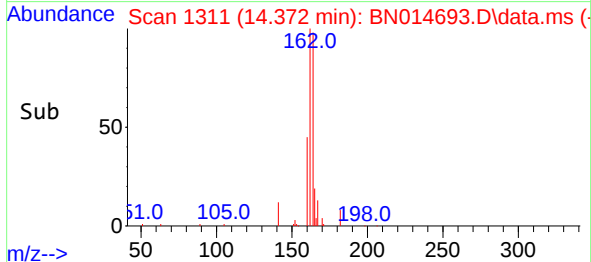
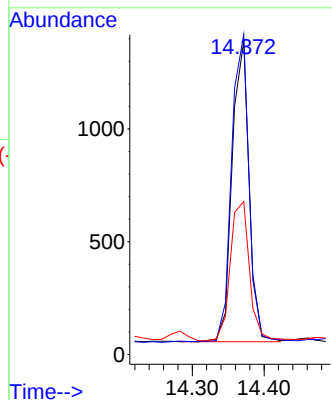
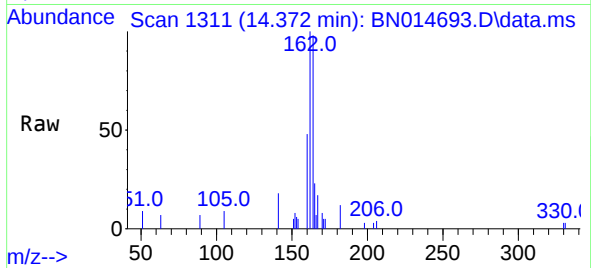




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.372 min Scan# 1311  
Delta R.T. -0.000 min  
Lab File: BN014693.D  
Acq: 21 May 2021 15:00

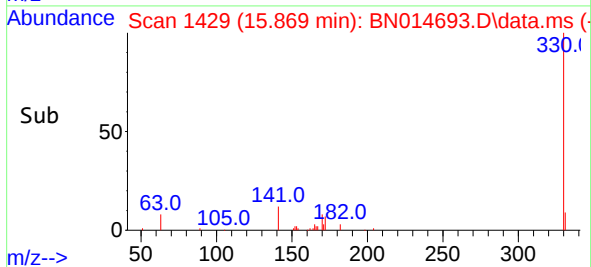
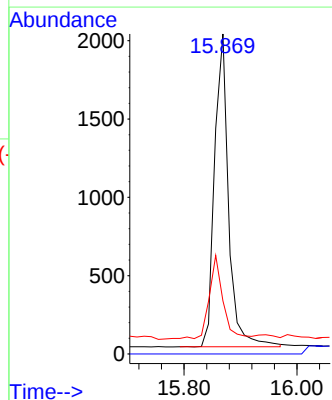
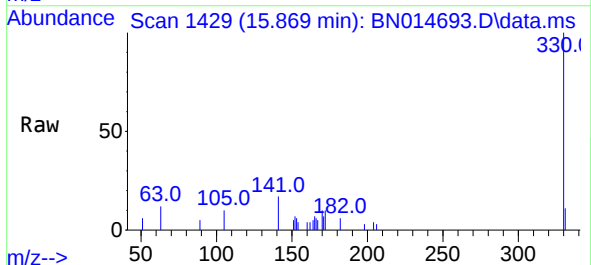
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW8-GW-918-920

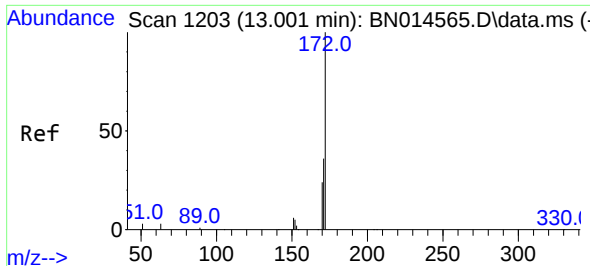
Tgt Ion:164 Resp: 2178  
Ion Ratio Lower Upper  
164 100  
162 102.0 78.6 118.0  
160 48.8 35.8 53.8



#14  
2,4,6-Tribromophenol  
Concen: 3.39 ng  
RT: 15.869 min Scan# 1429  
Delta R.T. -0.000 min  
Lab File: BN014693.D  
Acq: 21 May 2021 15:00

Tgt Ion:330 Resp: 3433  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 25.6 27.0 40.4#

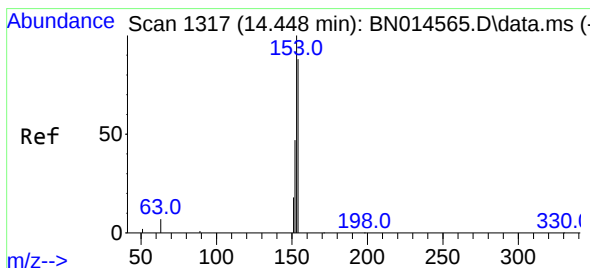
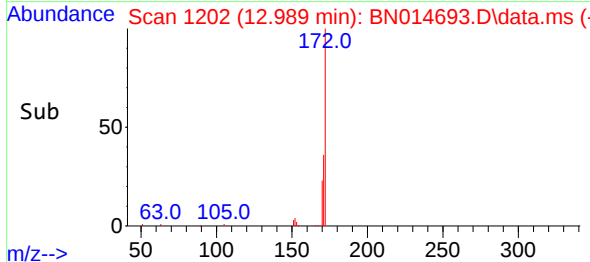
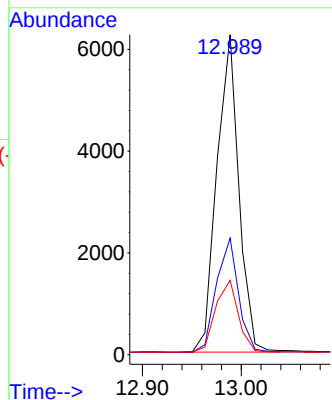
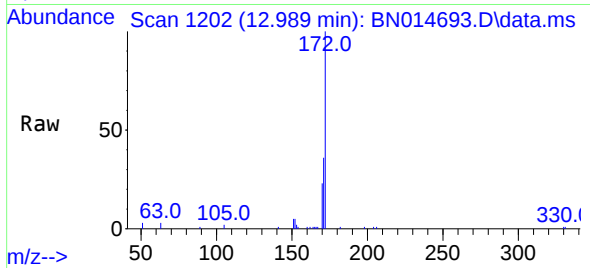




#15  
2-Fluorobiphenyl  
Concen: 1.21 ng  
RT: 12.989 min Scan# 1202  
Delta R.T. -0.000 min  
Lab File: BN014693.D  
Acq: 21 May 2021 15:00

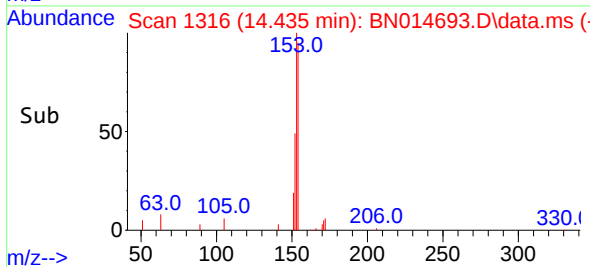
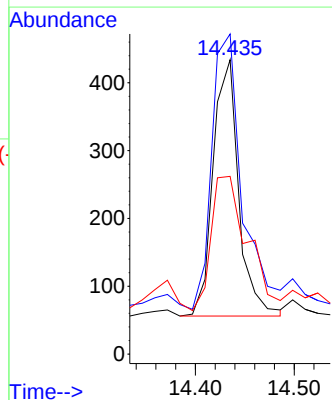
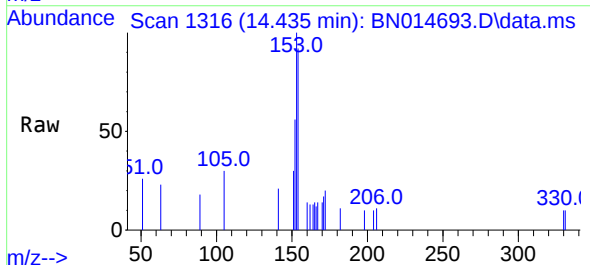
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW8-GW-918-920

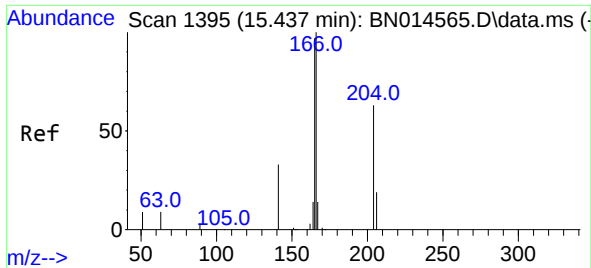
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|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 9659 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 36.4  | 27.1  | 40.7 |
| 170       | 23.2  | 18.3  | 27.5 |



#17  
Acenaphthene  
Concen: 0.12 ng  
RT: 14.435 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: BN014693.D  
Acq: 21 May 2021 15:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 682    |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 137.2 | 90.2  | 135.4# |
| 152       | 74.8  | 46.2  | 69.2#  |

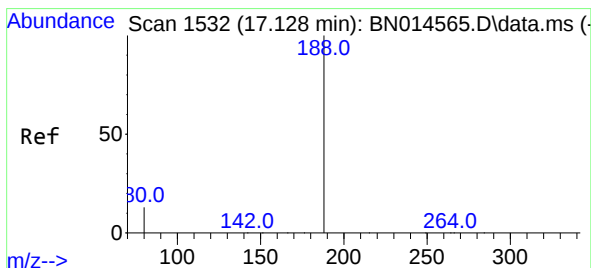
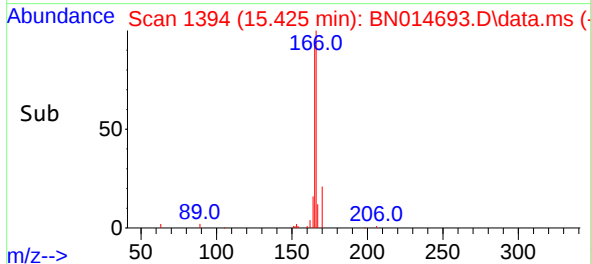
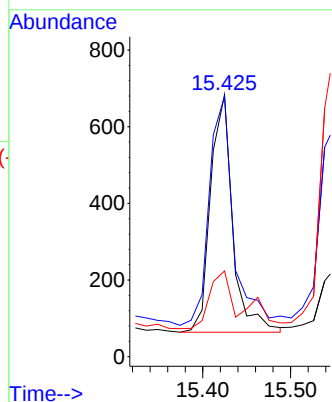
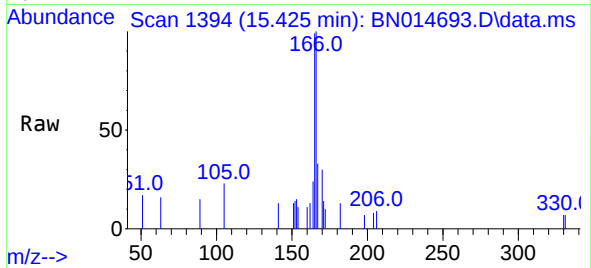




#18  
Fluorene  
Concen: 0.14 ng  
RT: 15.425 min Scan# 1394  
Delta R.T. -0.000 min  
Lab File: BN014693.D  
Acq: 21 May 2021 15:00

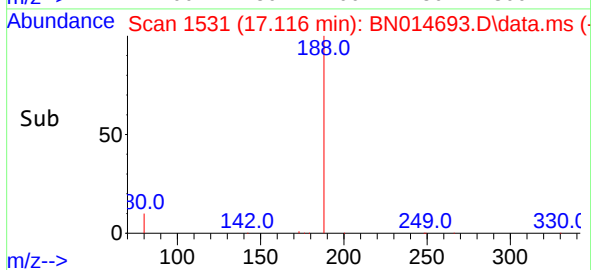
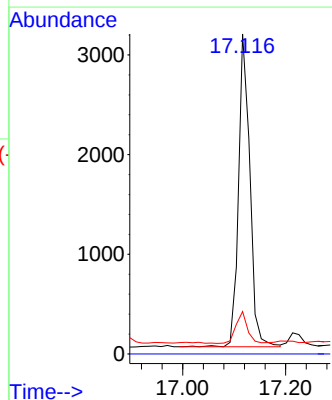
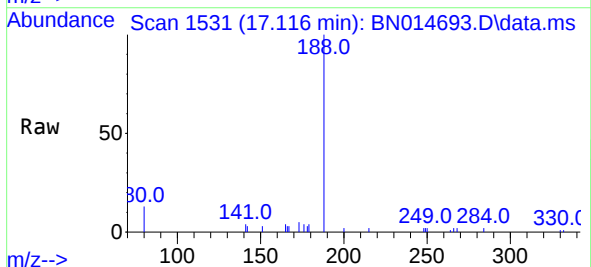
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW8-GW-918-920

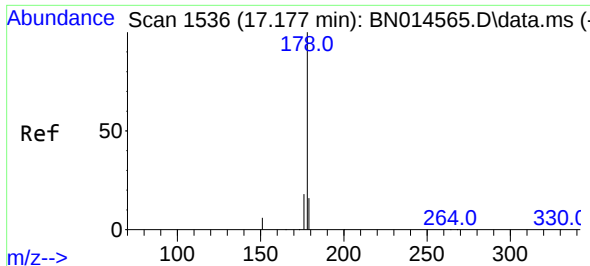
Tgt Ion:166 Resp: 1086  
Ion Ratio Lower Upper  
166 100  
165 107.2 78.4 117.6  
167 26.5 10.7 16.1#



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.116 min Scan# 1531  
Delta R.T. -0.000 min  
Lab File: BN014693.D  
Acq: 21 May 2021 15:00

Tgt Ion:188 Resp: 4809  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.2 5.2 7.8#

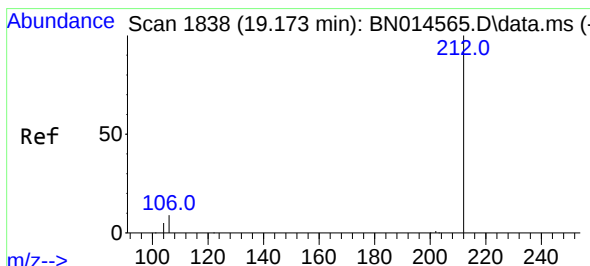
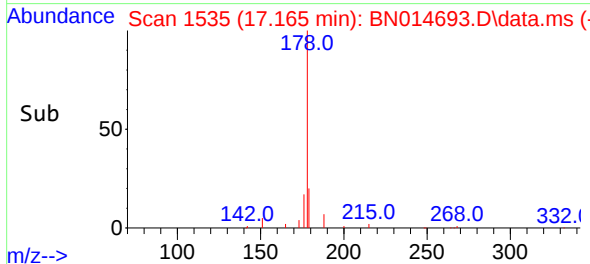
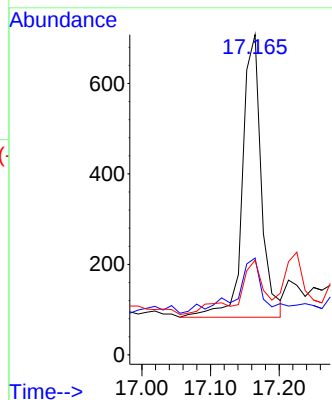
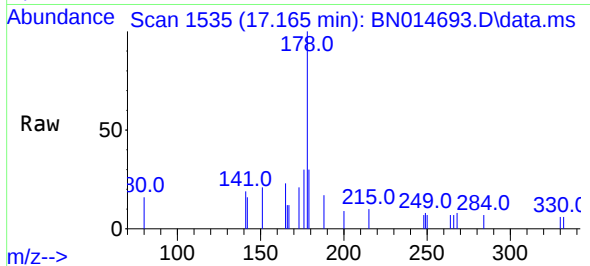




#25  
Phenanthrene  
Concen: 0.09 ng  
RT: 17.165 min Scan# 1535  
Delta R.T. -0.000 min  
Lab File: BN014693.D  
Acq: 21 May 2021 15:00

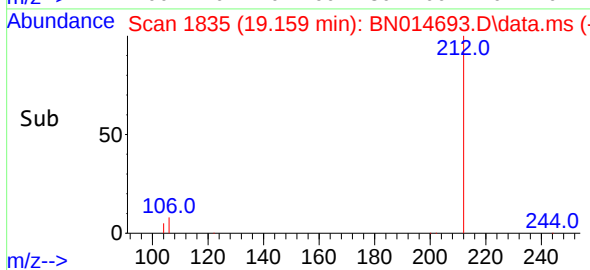
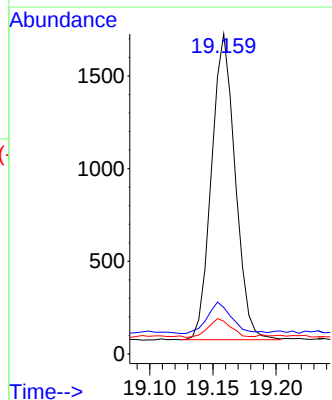
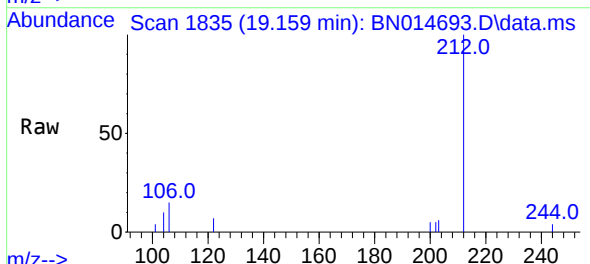
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW8-GW-918-920

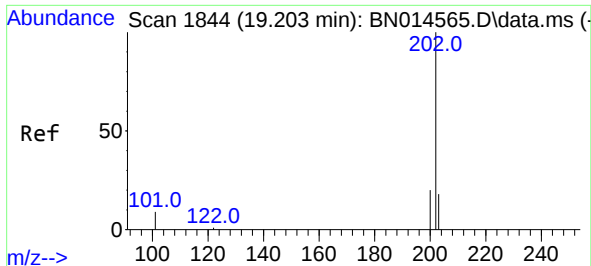
Tgt Ion:178 Resp: 1195  
Ion Ratio Lower Upper  
178 100  
176 27.7 15.2 22.8#  
179 14.4 12.4 18.6



#27  
Fluoranthene-d10  
Concen: 0.10 ng  
RT: 19.159 min Scan# 1835  
Delta R.T. -0.000 min  
Lab File: BN014693.D  
Acq: 21 May 2021 15:00

Tgt Ion:212 Resp: 2149  
Ion Ratio Lower Upper  
212 100  
106 10.5 10.1 15.1  
104 5.9 5.4 8.2

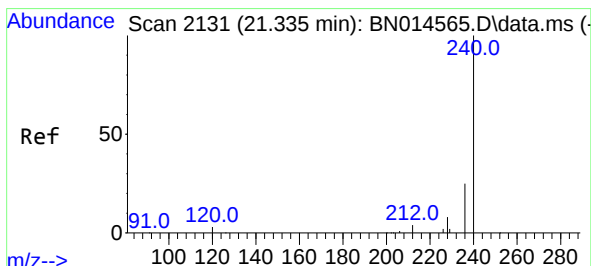
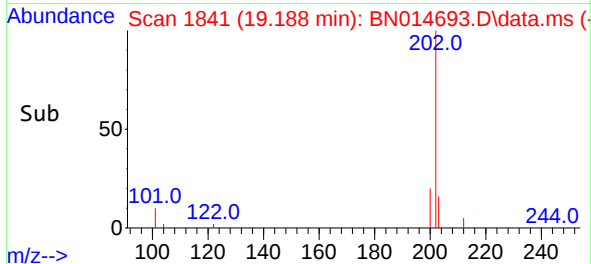
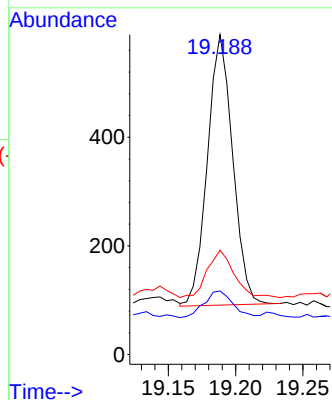
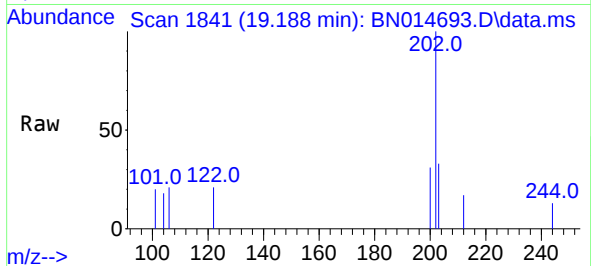




#28  
Fluoranthene  
Concen: 0.04 ng  
RT: 19.188 min Scan# 1841  
Delta R.T. -0.000 min  
Lab File: BN014693.D  
Acq: 21 May 2021 15:00

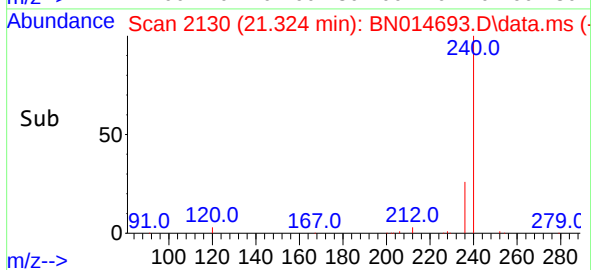
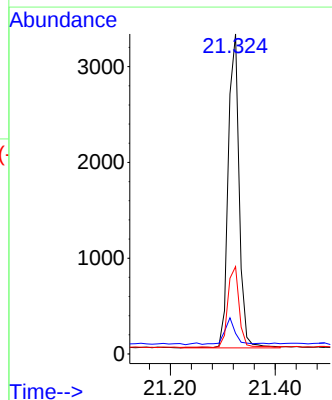
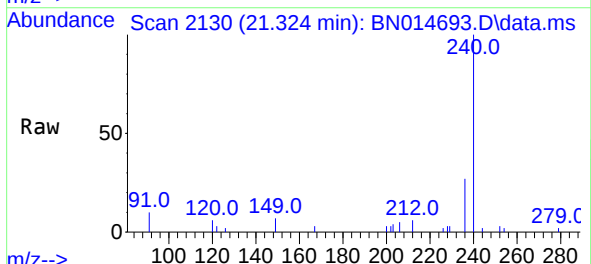
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW8-GW-918-920

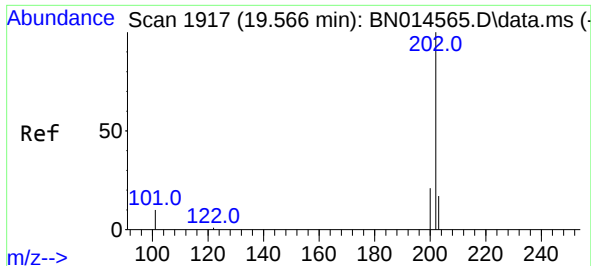
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 649   |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 11.1  | 8.4   | 12.6  |
| 203      | 18.6  | 13.5  | 20.3  |



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.324 min Scan# 2130  
Delta R.T. 0.011 min  
Lab File: BN014693.D  
Acq: 21 May 2021 15:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 240   | Resp: | 4734  |
| Ion      | Ratio | Lower | Upper |
| 240      | 100   |       |       |
| 120      | 6.5   | 5.8   | 8.8   |
| 236      | 27.3  | 20.6  | 30.8  |

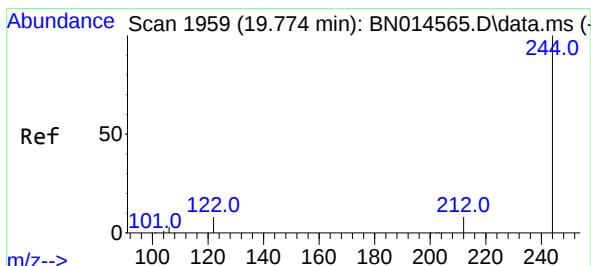
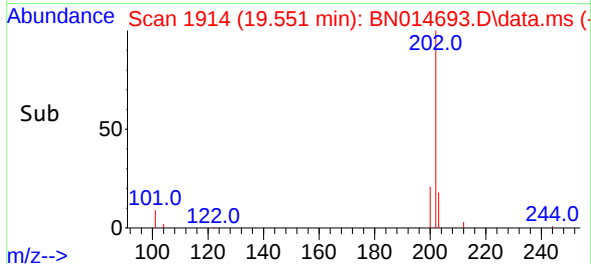
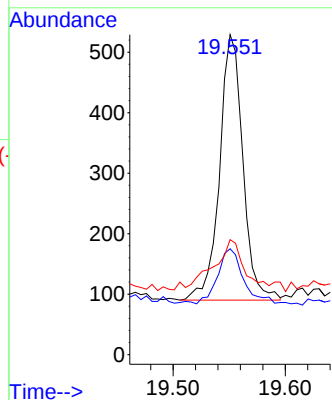
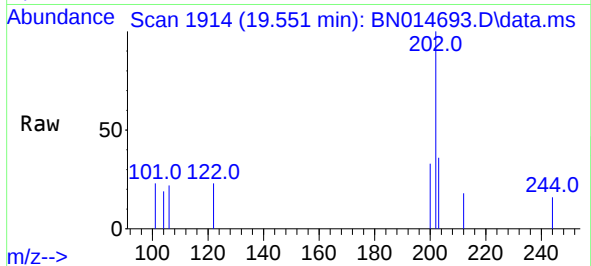




#30  
 Pyrene  
 Concen: 0.05 ng  
 RT: 19.551 min Scan# 1914  
 Delta R.T. -0.000 min  
 Lab File: BN014693.D  
 Acq: 21 May 2021 15:00

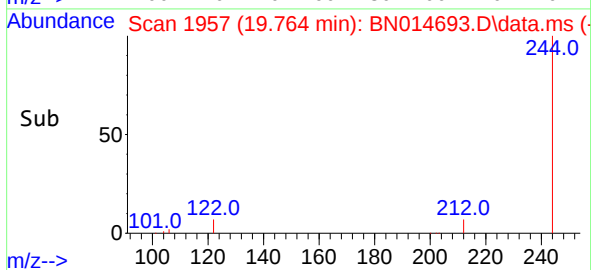
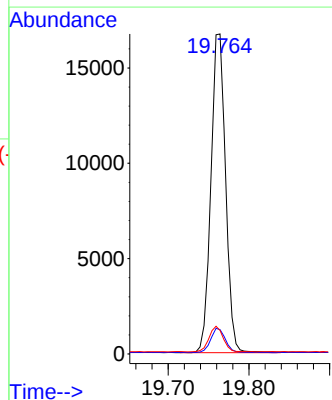
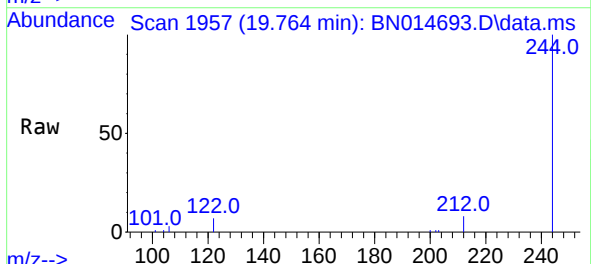
Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-RW8-GW-918-920

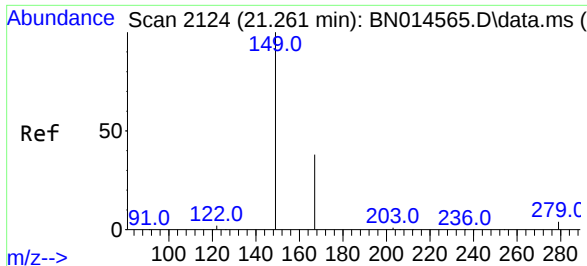
Tgt Ion:202 Resp: 636  
 Ion Ratio Lower Upper  
 202 100  
 200 23.3 16.3 24.5  
 203 28.8 14.0 21.0#



#31  
 Terphenyl-d14  
 Concen: 1.89 ng  
 RT: 19.764 min Scan# 1957  
 Delta R.T. 0.005 min  
 Lab File: BN014693.D  
 Acq: 21 May 2021 15:00

Tgt Ion:244 Resp: 21109  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.0 9.0  
 122 7.3 9.3 13.9#

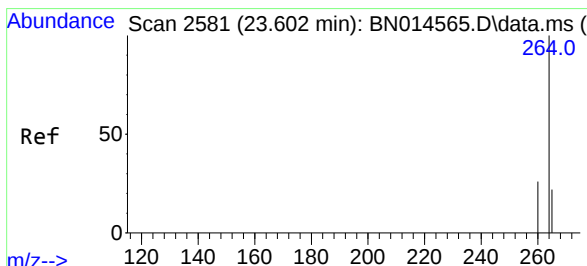
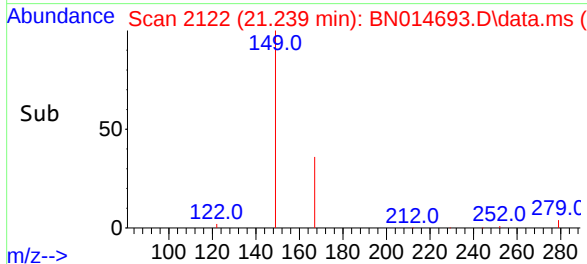
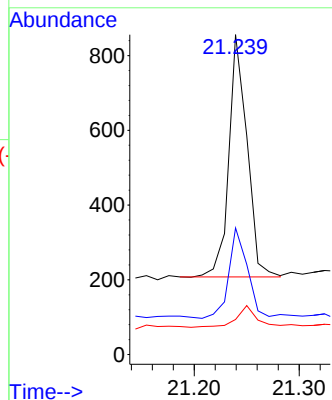
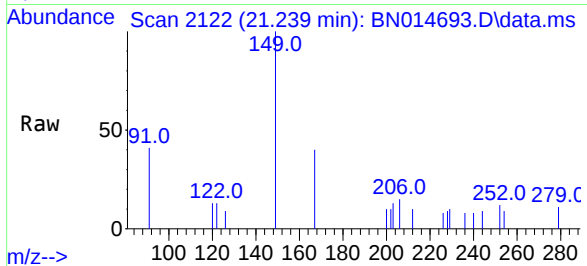




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.20 ng  
 RT: 21.239 min Scan# 2122  
 Delta R.T. -0.000 min  
 Lab File: BN014693.D  
 Acq: 21 May 2021 15:00

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-RW8-GW-918-920

Tgt Ion:149 Resp: 777  
 Ion Ratio Lower Upper  
 149 100  
 167 40.2 20.5 30.7#  
 279 10.8 2.9 4.3#



#35  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.588 min Scan# 2577  
 Delta R.T. 0.003 min  
 Lab File: BN014693.D  
 Acq: 21 May 2021 15:00

Tgt Ion:264 Resp: 4623  
 Ion Ratio Lower Upper  
 264 100  
 260 26.3 19.5 29.3  
 265 42.8 35.4 53.0

