

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121820\  
 Data File : BN013211.D  
 Acq On : 18 Dec 2020 16:41  
 Operator : CG/JU  
 Sample : PB133530BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB133530BL

Quant Time: Dec 19 01:10:58 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN121620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 18 16:11:20 2020  
 Response via : Initial Calibration

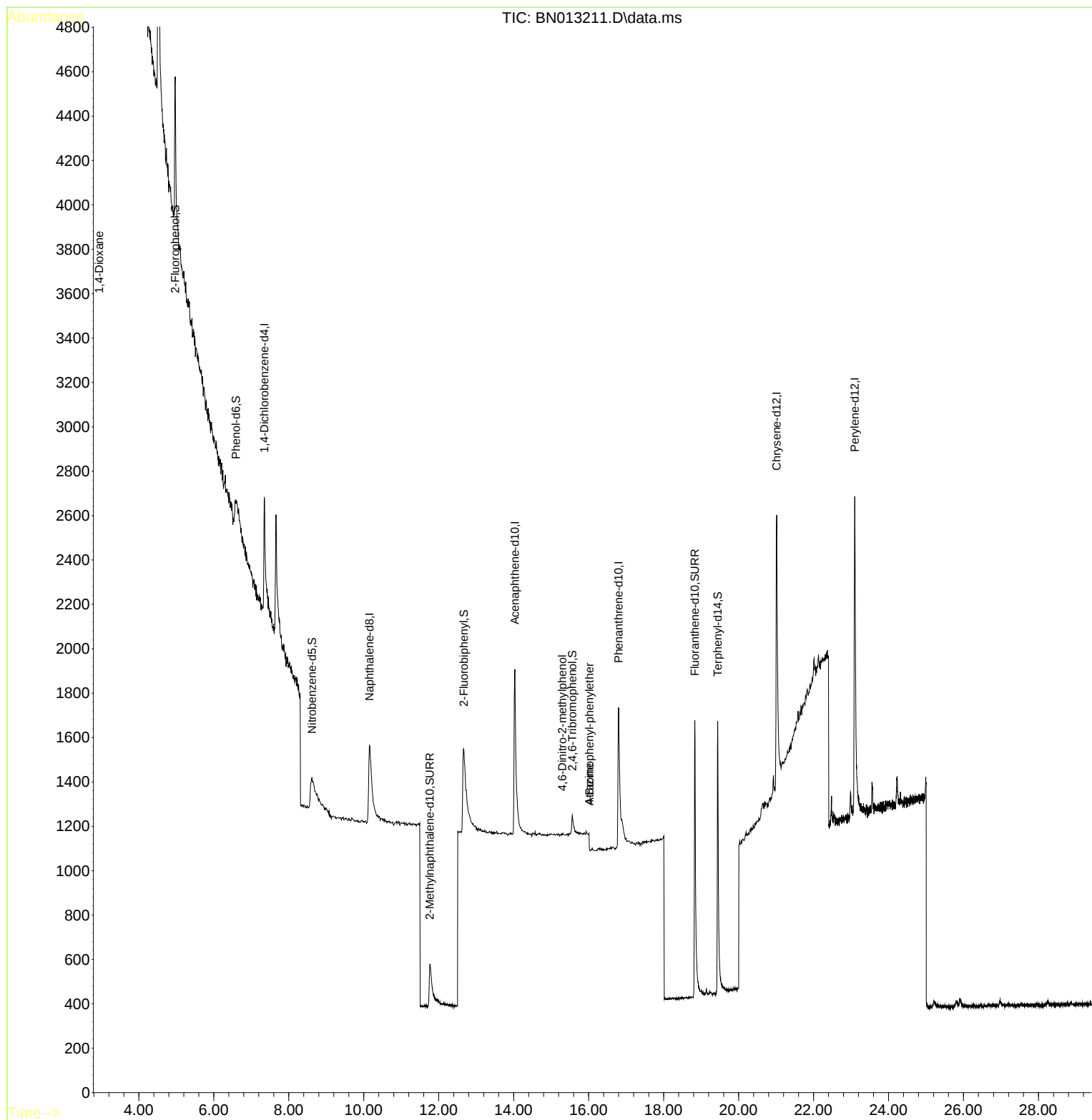
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.346  | 152  | 604      | 0.40      | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.150 | 136  | 1408     | 0.40      | ng    | # 0.04   |
| 13) Acenaphthene-d10          | 14.029 | 164  | 1009     | 0.40      | ng    | # 0.03   |
| 19) Phenanthrene-d10          | 16.800 | 188  | 2217     | 0.40      | ng    | # 0.02   |
| 29) Chrysene-d12              | 21.016 | 240  | 2375     | 0.40      | ng    | # 0.01   |
| 36) Perylene-d12              | 23.099 | 264  | 2653     | 0.40      | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 4) 2-Fluorophenol             | 4.970  | 112  | 778      | 0.31      | ng    | 0.00     |
| 5) Phenol-d6                  | 6.589  | 99   | 195      | 0.08      | ng    | 0.04     |
| 8) Nitrobenzene-d5            | 8.616  | 82   | 435      | 0.30      | ng    | 0.09     |
| 11) 2-Methylnaphthalene-d10   | 11.764 | 152  | 913      | 0.37      | ng    | 0.04     |
| 14) 2,4,6-Tribromophenol      | 15.564 | 330  | 145      | 0.23      | ng    | 0.03     |
| 15) 2-Fluorobiphenyl          | 12.671 | 172  | 1130     | 0.27      | ng    | 0.04     |
| 27) Fluoranthene-d10          | 18.831 | 212  | 2589     | 0.35      | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.441 | 244  | 2214     | 0.37      | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
| 2) 1,4-Dioxane                | 2.941  | 88   | 37       | 0.04      | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.298 | 198  | 1        | 0.19      | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 16.021 | 248  | 34       | 0.08      | ng    | # 79     |
| 23) Atrazine                  | 16.021 | 200  | 34       | 0.03      | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 20.931 | 149  | 86       | Below Cal |       | # 90     |
| -----                         |        |      |          |           |       |          |

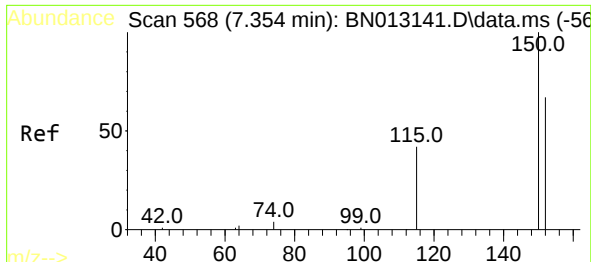
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121820\  
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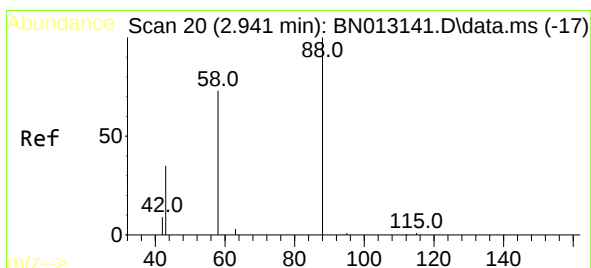
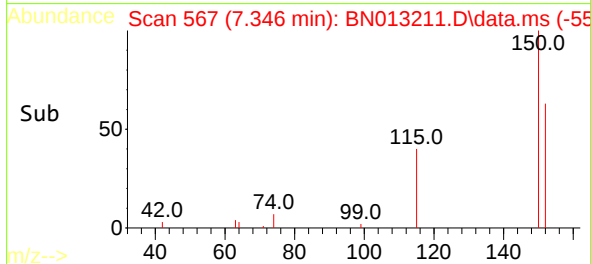
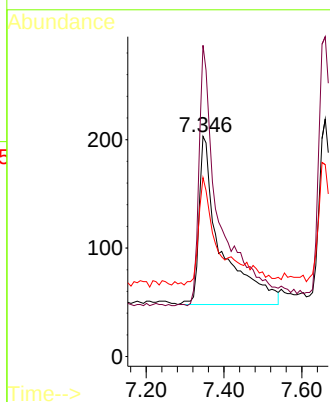
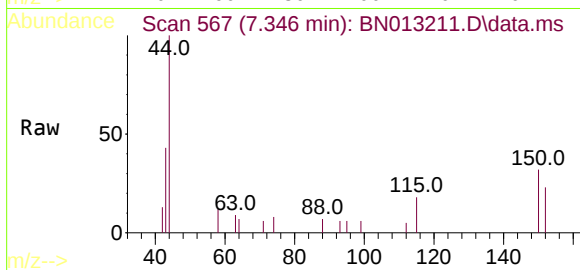




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.346 min Scan# 567  
Delta R.T. -0.000 min  
Lab File: BN013211.D  
Acq: 18 Dec 2020 16:41

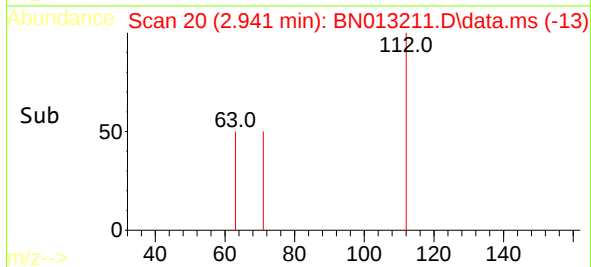
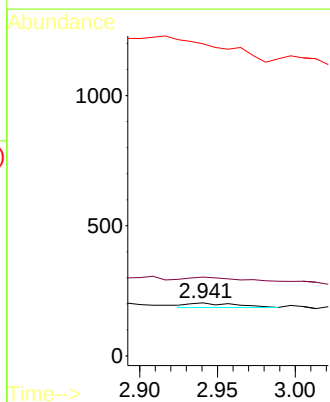
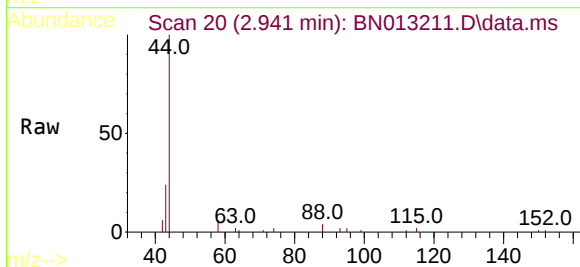
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BNA\_N  
ClientSampled :  
PB133530BL

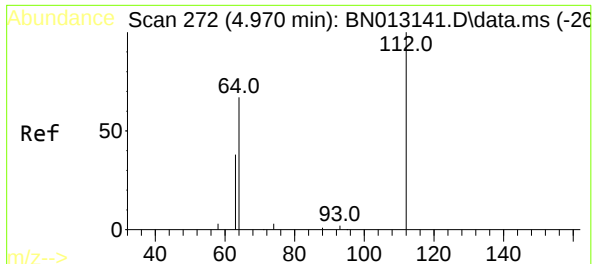
Tgt Ion:152 Resp: 604  
Ion Ratio Lower Upper  
152 100  
150 141.4 116.6 174.8  
115 81.3 52.9 79.3#



#2  
1,4-Dioxane  
Concen: 0.04 ng  
RT: 2.941 min Scan# 20  
Delta R.T. 0.008 min  
Lab File: BN013211.D  
Acq: 18 Dec 2020 16:41

Tgt Ion: 88 Resp: 37  
Ion Ratio Lower Upper  
88 100  
58 248.6 59.4 89.2#  
43 0.0 32.3 48.5#

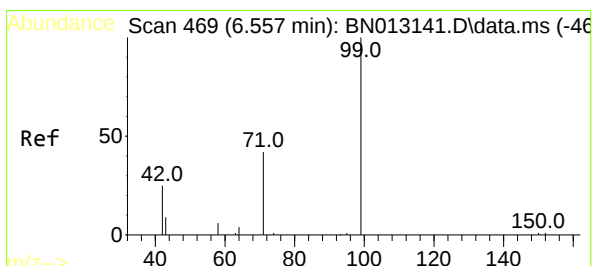
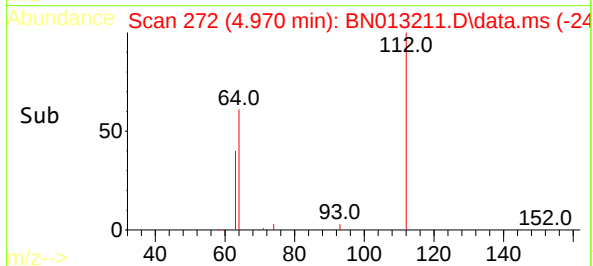
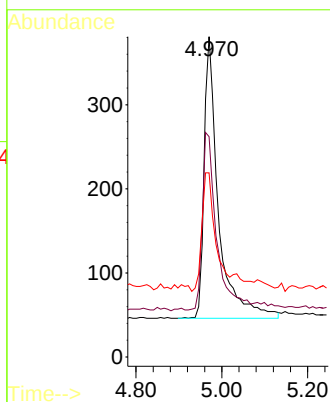
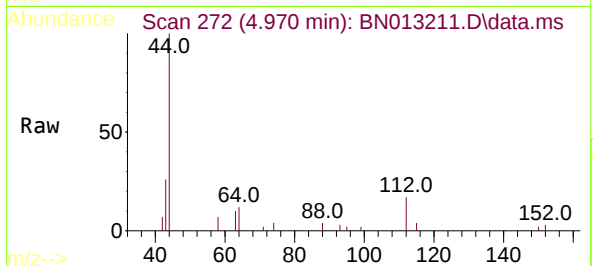




#4  
2-Fluorophenol  
Concen: 0.31 ng  
RT: 4.970 min Scan# 272  
Delta R.T. 0.008 min  
Lab File: BN013211.D  
Acq: 18 Dec 2020 16:41

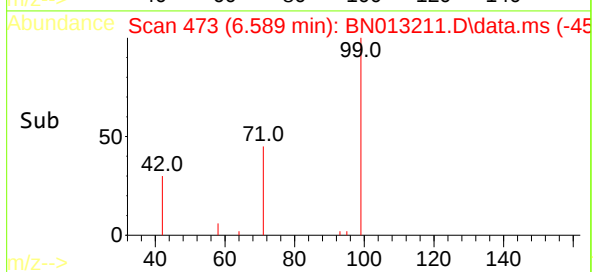
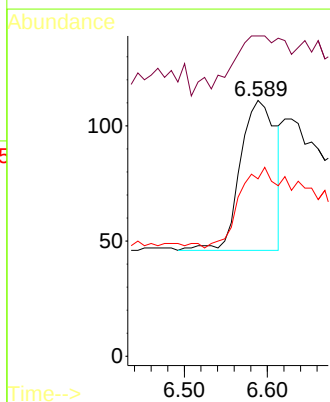
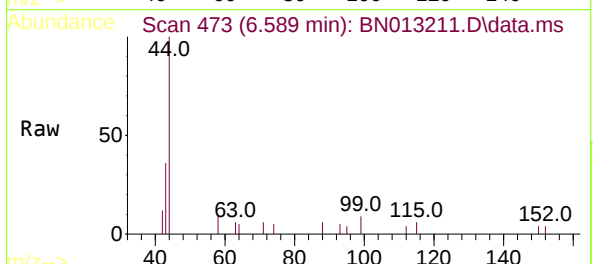
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BNA\_N  
ClientSampleId :  
PB133530BL

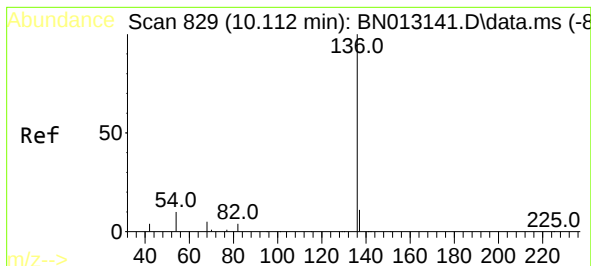
Tgt Ion: 112 Resp: 778  
Ion Ratio Lower Upper  
112 100  
64 63.1 49.5 74.3  
63 39.8 32.0 48.0



#5  
Phenol-d6  
Concen: 0.08 ng  
RT: 6.589 min Scan# 473  
Delta R.T. 0.040 min  
Lab File: BN013211.D  
Acq: 18 Dec 2020 16:41

Tgt Ion: 99 Resp: 195  
Ion Ratio Lower Upper  
99 100  
42 50.3 22.4 33.6#  
71 54.9 37.8 56.6

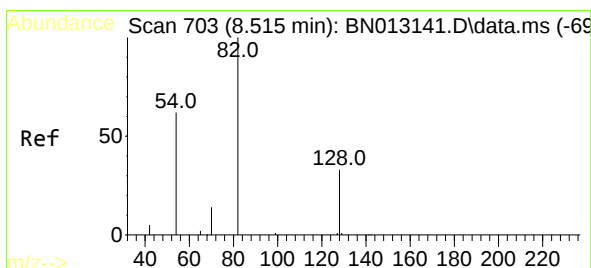
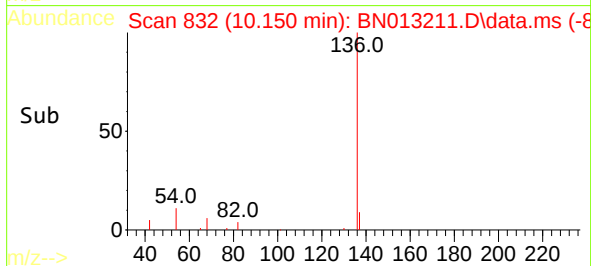
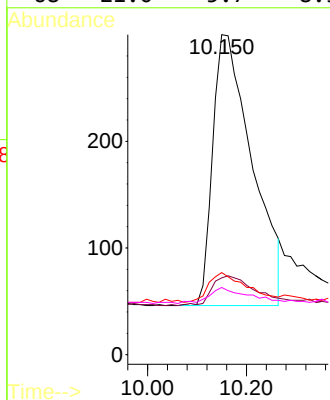
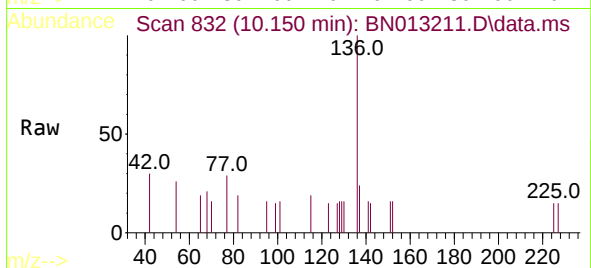




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.150 min Scan# 832  
Delta R.T. 0.038 min  
Lab File: BN013211.D  
Acq: 18 Dec 2020 16:41

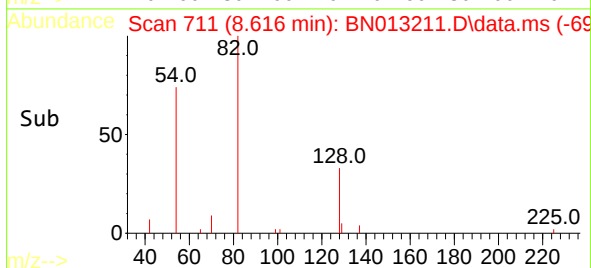
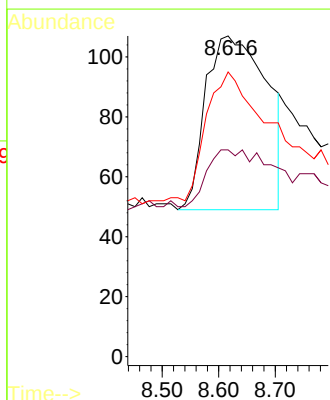
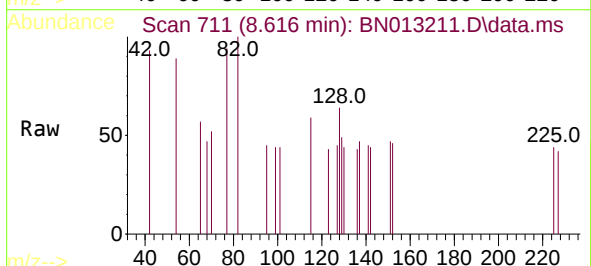
Instrument :  
BNA\_N  
ClientSampleId :  
PB133530BL

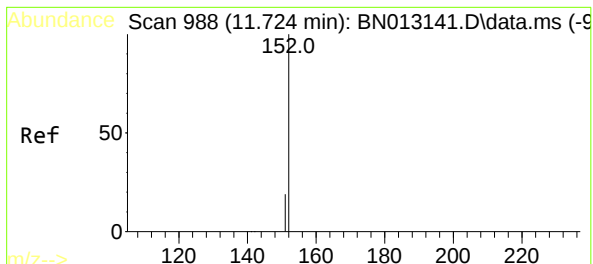
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 1408  |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 24.0  | 10.6  | 15.8# |
| 54        | 25.7  | 8.6   | 12.8# |
| 68        | 21.0  | 5.7   | 8.5#  |



#8  
Nitrobenzene-d5  
Concen: 0.30 ng  
RT: 8.616 min Scan# 711  
Delta R.T. 0.089 min  
Lab File: BN013211.D  
Acq: 18 Dec 2020 16:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 435   |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 64.5  | 30.6  | 46.0# |
| 54        | 88.8  | 48.3  | 72.5# |

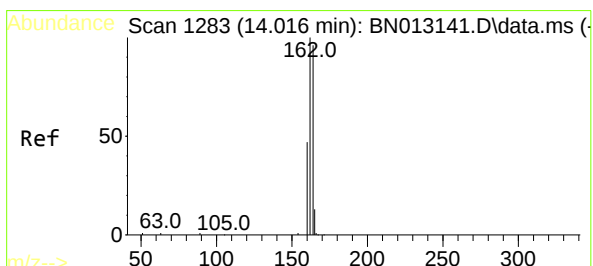
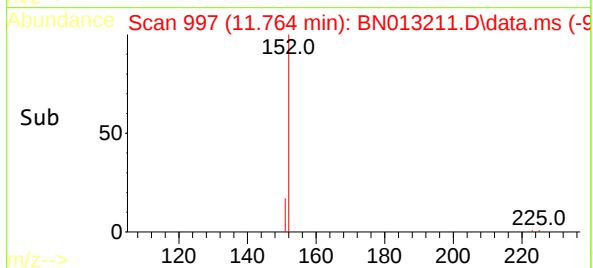
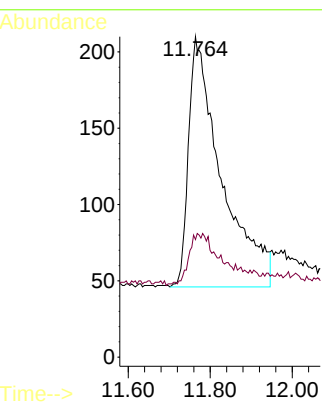
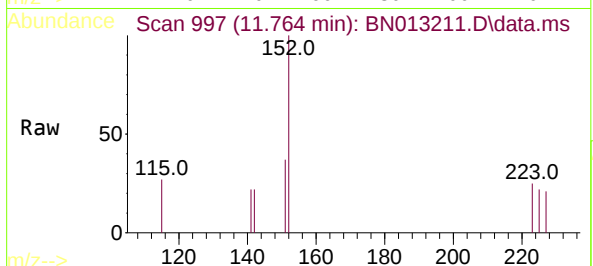




#11  
2-Methylnaphthalene-d10  
Concen: 0.37 ng  
RT: 11.764 min Scan# 997  
Delta R.T. 0.040 min  
Lab File: BN013211.D  
Acq: 18 Dec 2020 16:41

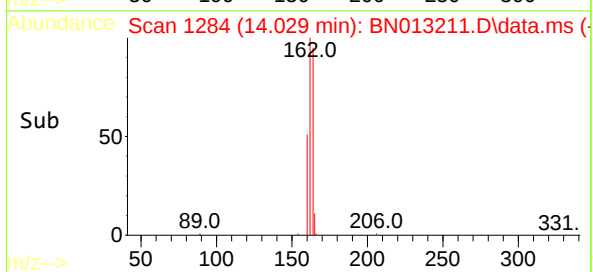
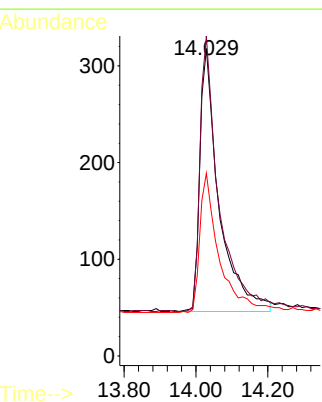
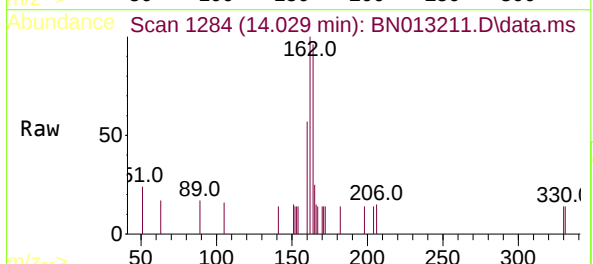
Instrument :  
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ClientSampleId :  
PB133530BL

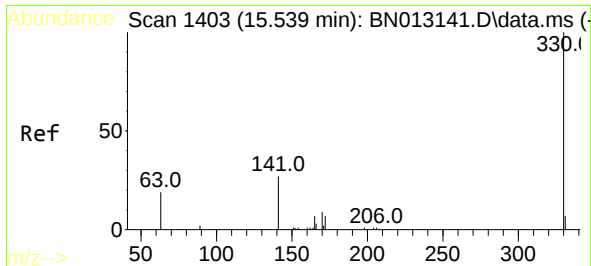
Tgt Ion:152 Resp: 913  
Ion Ratio Lower Upper  
152 100  
151 7.2 16.7 25.1#



#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.029 min Scan# 1284  
Delta R.T. 0.025 min  
Lab File: BN013211.D  
Acq: 18 Dec 2020 16:41

Tgt Ion:164 Resp: 1009  
Ion Ratio Lower Upper  
164 100  
162 104.1 80.6 120.8  
160 59.4 39.5 59.3#

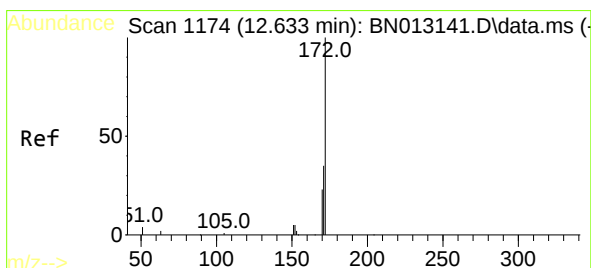
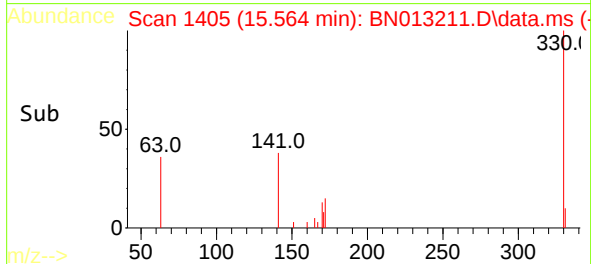
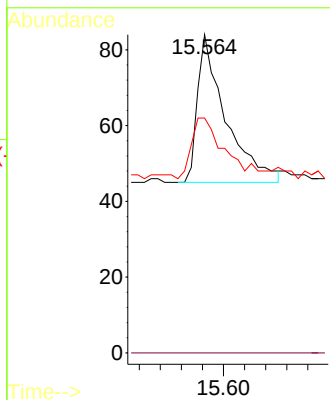
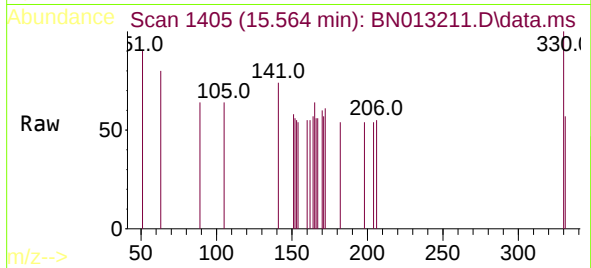




#14  
2,4,6-Tribromophenol  
Concen: 0.23 ng  
RT: 15.564 min Scan# 1405  
Delta R.T. 0.025 min  
Lab File: BN013211.D  
Acq: 18 Dec 2020 16:41

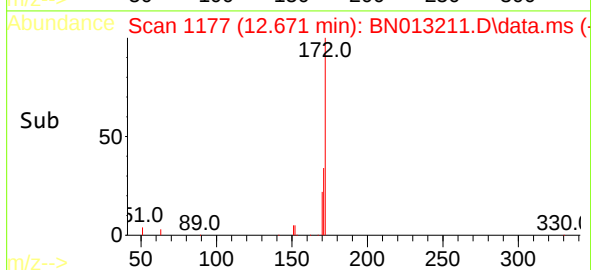
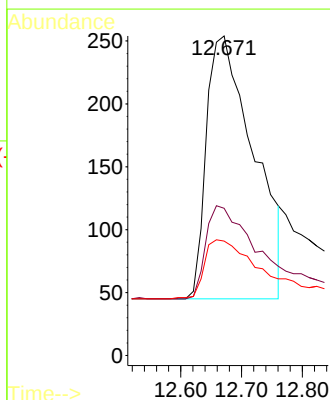
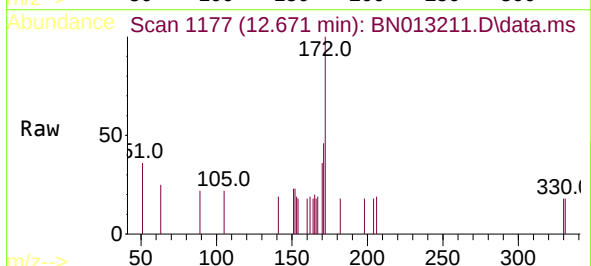
Instrument :  
BNA\_N  
ClientSampleId :  
PB133530BL

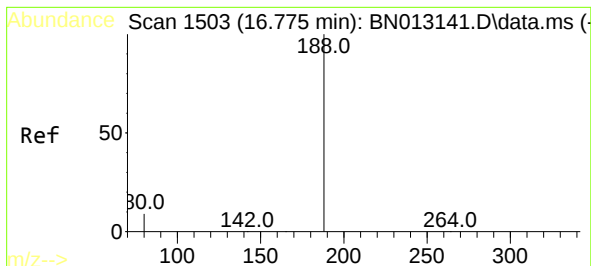
Tgt Ion:330 Resp: 145  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 49.0 34.4 51.6



#15  
2-Fluorobiphenyl  
Concen: 0.27 ng  
RT: 12.671 min Scan# 1177  
Delta R.T. 0.038 min  
Lab File: BN013211.D  
Acq: 18 Dec 2020 16:41

Tgt Ion:172 Resp: 1130  
Ion Ratio Lower Upper  
172 100  
171 46.1 28.2 42.4#  
170 35.8 20.0 30.0#

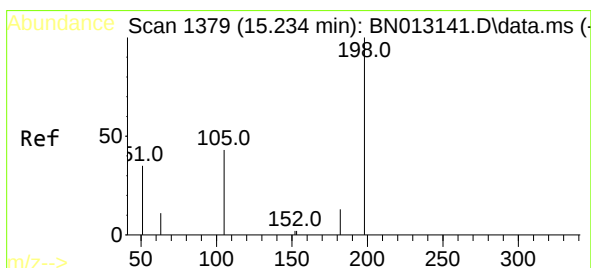
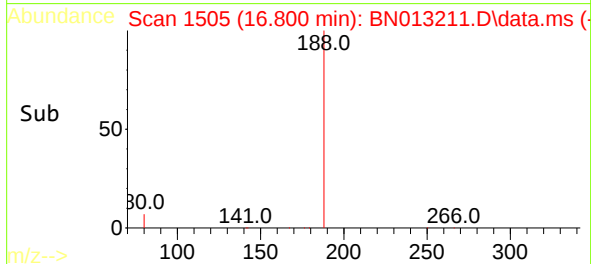
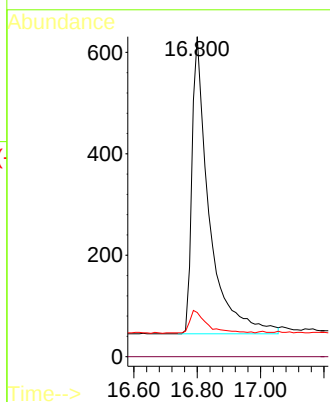
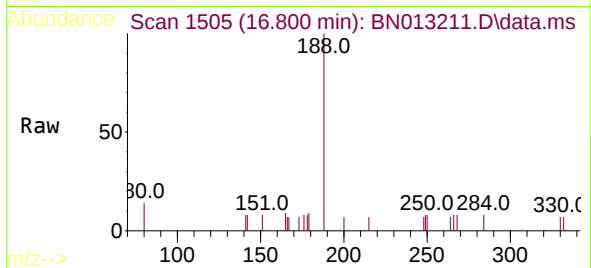




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 16.800 min Scan# 1505  
Delta R.T. 0.024 min  
Lab File: BN013211.D  
Acq: 18 Dec 2020 16:41

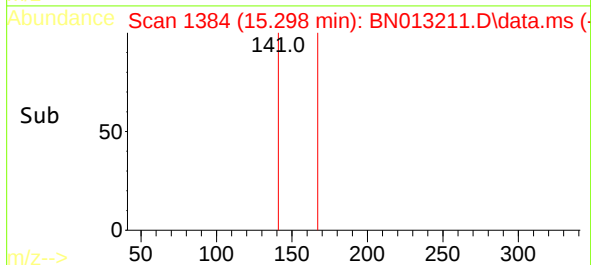
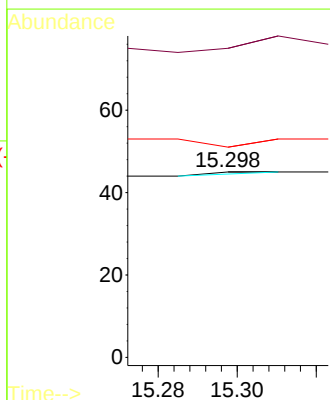
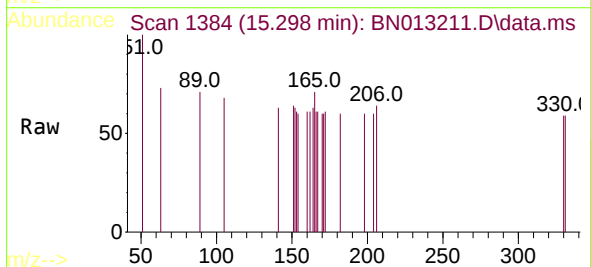
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BNA\_N  
ClientSampleId :  
PB133530BL

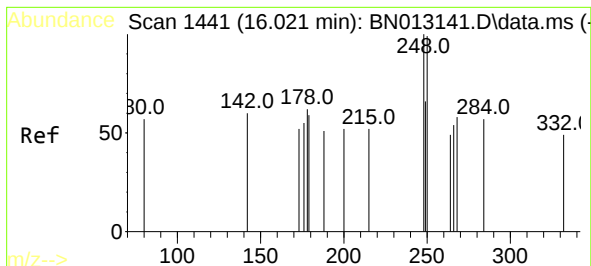
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|-------------|-------|-------|
| Tgt Ion:188 | Resp: | 2217  |
| Ion Ratio   | Lower | Upper |
| 188         | 100   |       |
| 94          | 0.0   | 0.0   |
| 80          | 13.8  | 5.0   |



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.19 ng  
RT: 15.298 min Scan# 1384  
Delta R.T. 0.038 min  
Lab File: BN013211.D  
Acq: 18 Dec 2020 16:41

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:198 | Resp: | 1     |
| Ion Ratio   | Lower | Upper |
| 198         | 100   |       |
| 51          | 166.7 | 43.5  |
| 105         | 113.3 | 27.2  |

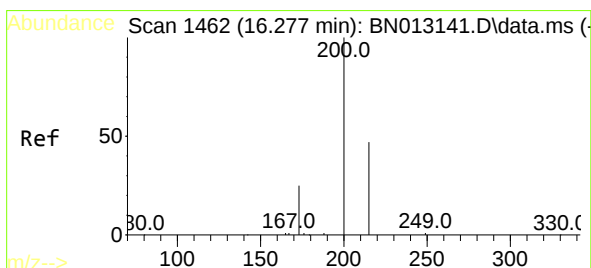
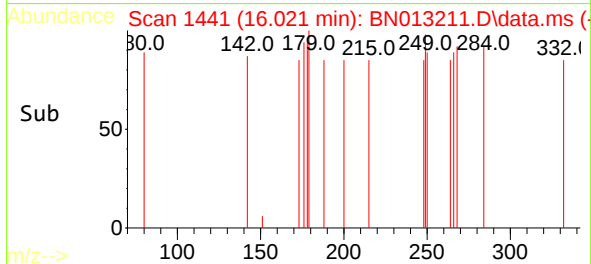
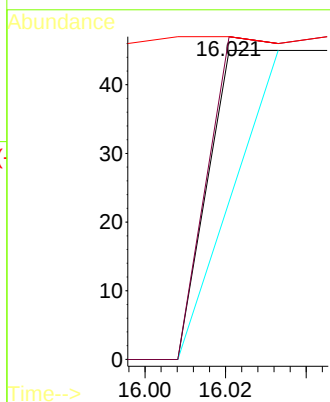
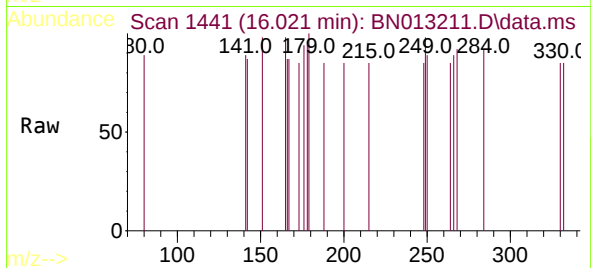




#21  
4-Bromophenyl-phenylether  
Concen: 0.08 ng  
RT: 16.021 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: BN013211.D  
Acq: 18 Dec 2020 16:41

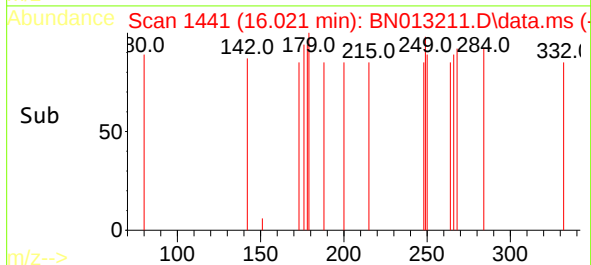
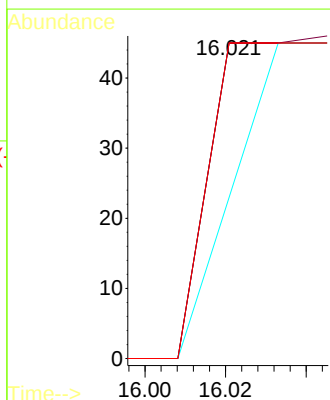
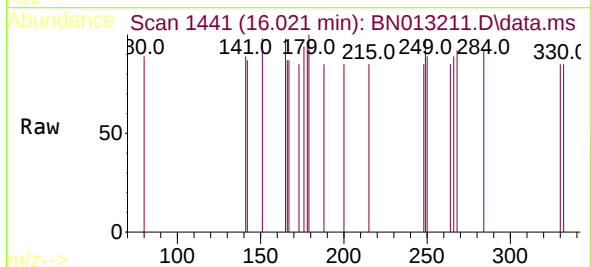
Instrument :  
BNA\_N  
ClientSampleId :  
PB133530BL

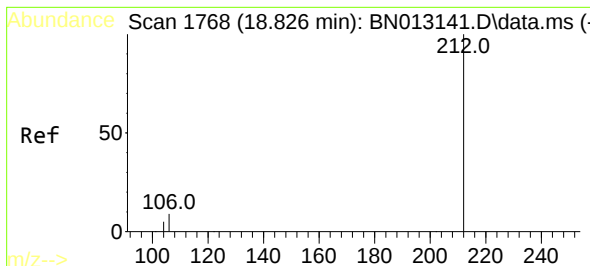
Tgt Ion:248 Resp: 34  
Ion Ratio Lower Upper  
248 100  
250 104.4 77.3 115.9  
141 104.4 57.8 86.8#



#23  
Atrazine  
Concen: 0.03 ng  
RT: 16.021 min Scan# 1441  
Delta R.T. -0.256 min  
Lab File: BN013211.D  
Acq: 18 Dec 2020 16:41

Tgt Ion:200 Resp: 34  
Ion Ratio Lower Upper  
200 100  
173 100.0 22.8 34.2#  
215 100.0 38.1 57.1#

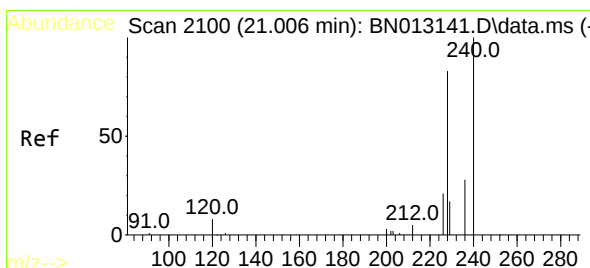
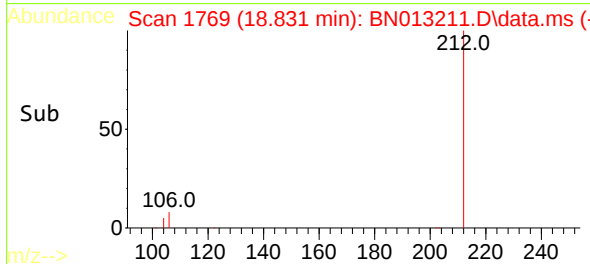
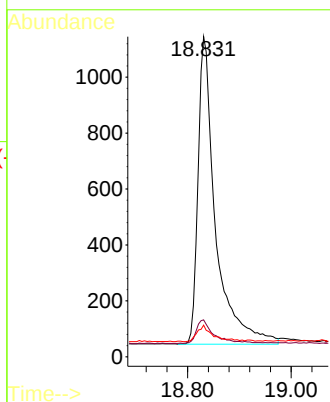
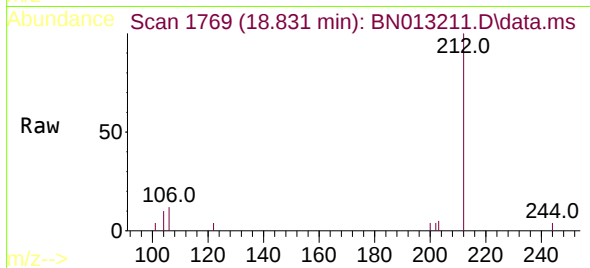




#27  
Fluoranthene-d10  
Concen: 0.35 ng  
RT: 18.831 min Scan# 1769  
Delta R.T. 0.010 min  
Lab File: BN013211.D  
Acq: 18 Dec 2020 16:41

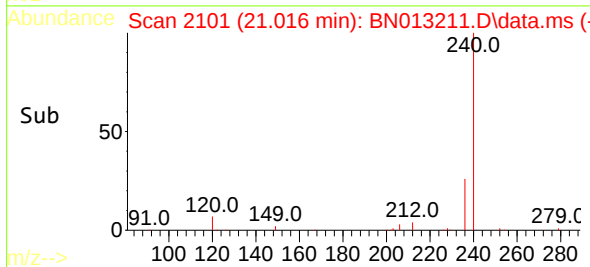
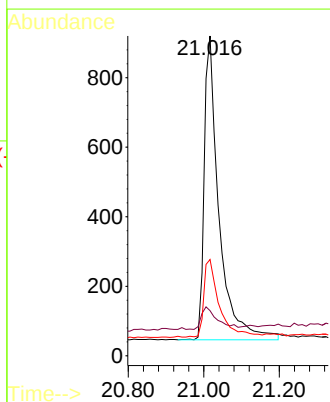
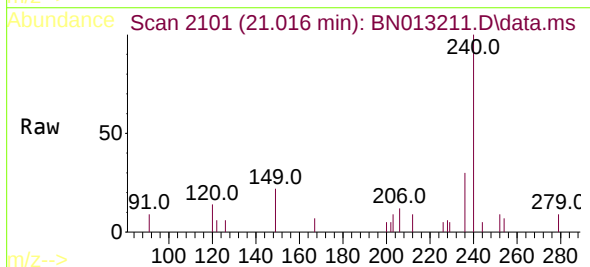
Instrument :  
BNA\_N  
ClientSampleId :  
PB133530BL

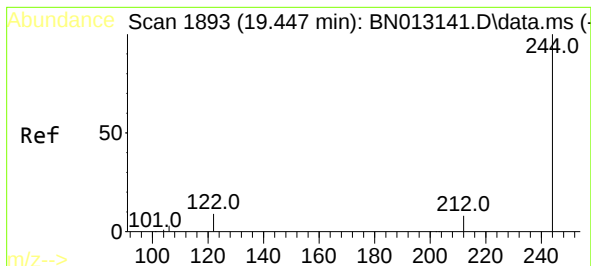
Tgt Ion:212 Resp: 2589  
Ion Ratio Lower Upper  
212 100  
106 7.6 6.8 10.2  
104 4.4 4.1 6.1



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.016 min Scan# 2101  
Delta R.T. 0.011 min  
Lab File: BN013211.D  
Acq: 18 Dec 2020 16:41

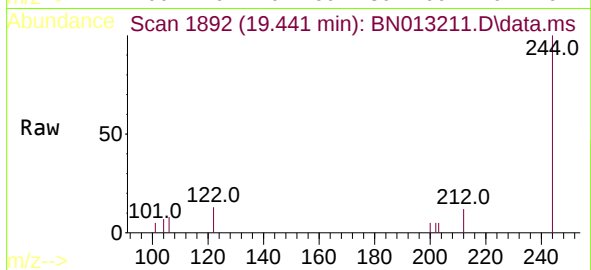
Tgt Ion:240 Resp: 2375  
Ion Ratio Lower Upper  
240 100  
120 14.1 5.3 7.9#  
236 30.1 21.8 32.8



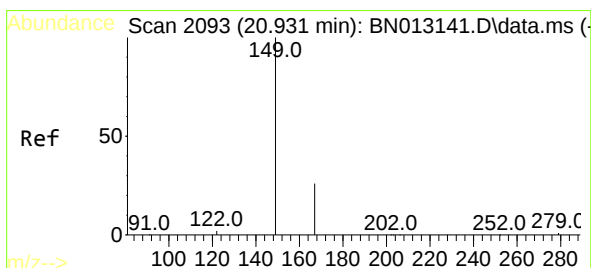
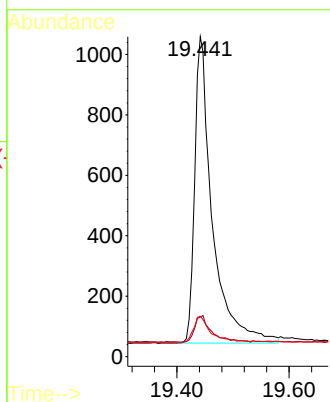


#31  
Terphenyl-d14  
Concen: 0.37 ng  
RT: 19.441 min Scan# 1892  
Delta R.T. -0.005 min  
Lab File: BN013211.D  
Acq: 18 Dec 2020 16:41

Instrument :  
BNA\_N  
ClientSampleId :  
PB133530BL

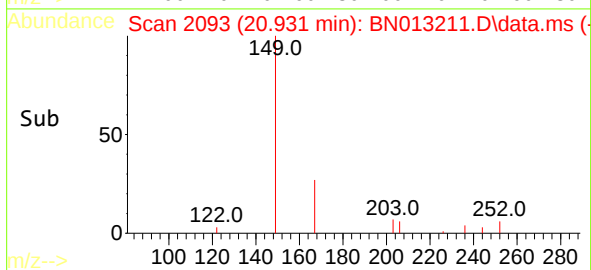
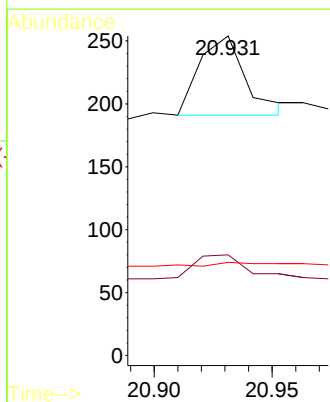
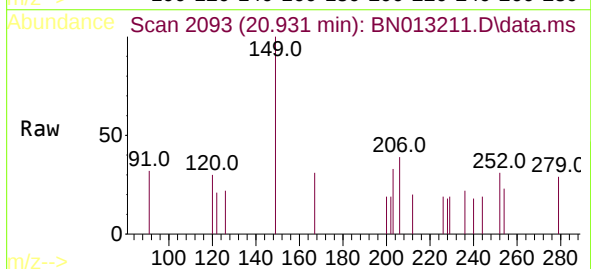


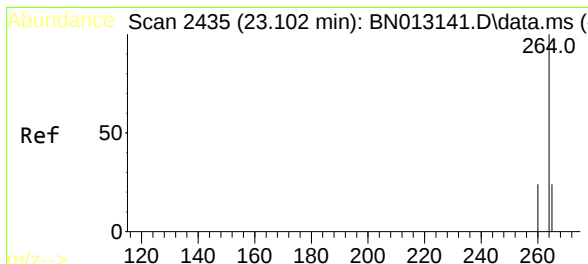
Tgt Ion:244 Resp: 2214  
Ion Ratio Lower Upper  
244 100  
212 12.4 7.3 10.9#  
122 12.7 7.3 10.9#



#34  
Bis(2-ethylhexyl)phthalate  
Concen: Below Cal  
RT: 20.931 min Scan# 2093  
Delta R.T. 0.011 min  
Lab File: BN013211.D  
Acq: 18 Dec 2020 16:41

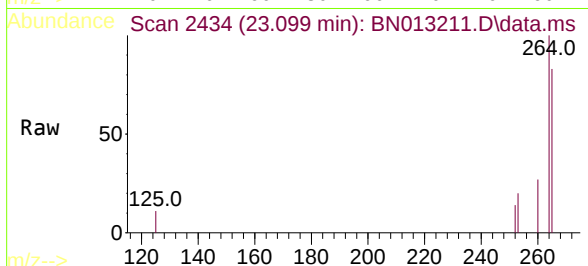
Tgt Ion:149 Resp: 86  
Ion Ratio Lower Upper  
149 100  
167 34.9 23.2 34.8#  
279 5.8 3.9 5.9





#36  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.099 min Scan# 2434  
 Delta R.T. 0.003 min  
 Lab File: BN013211.D  
 Acq: 18 Dec 2020 16:41

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB133530BL



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 2653  |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 27.1  | 19.8  | 29.6  |
| 265       | 82.8  | 51.4  | 77.0# |

