

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070621\  
 Data File : BN015359.D  
 Acq On : 07 Jul 2021 04:50  
 Operator : CG/JU  
 Sample : M2907-09  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jul 07 06:09:34 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN063021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 01 09:06:31 2021  
 Response via : Initial Calibration

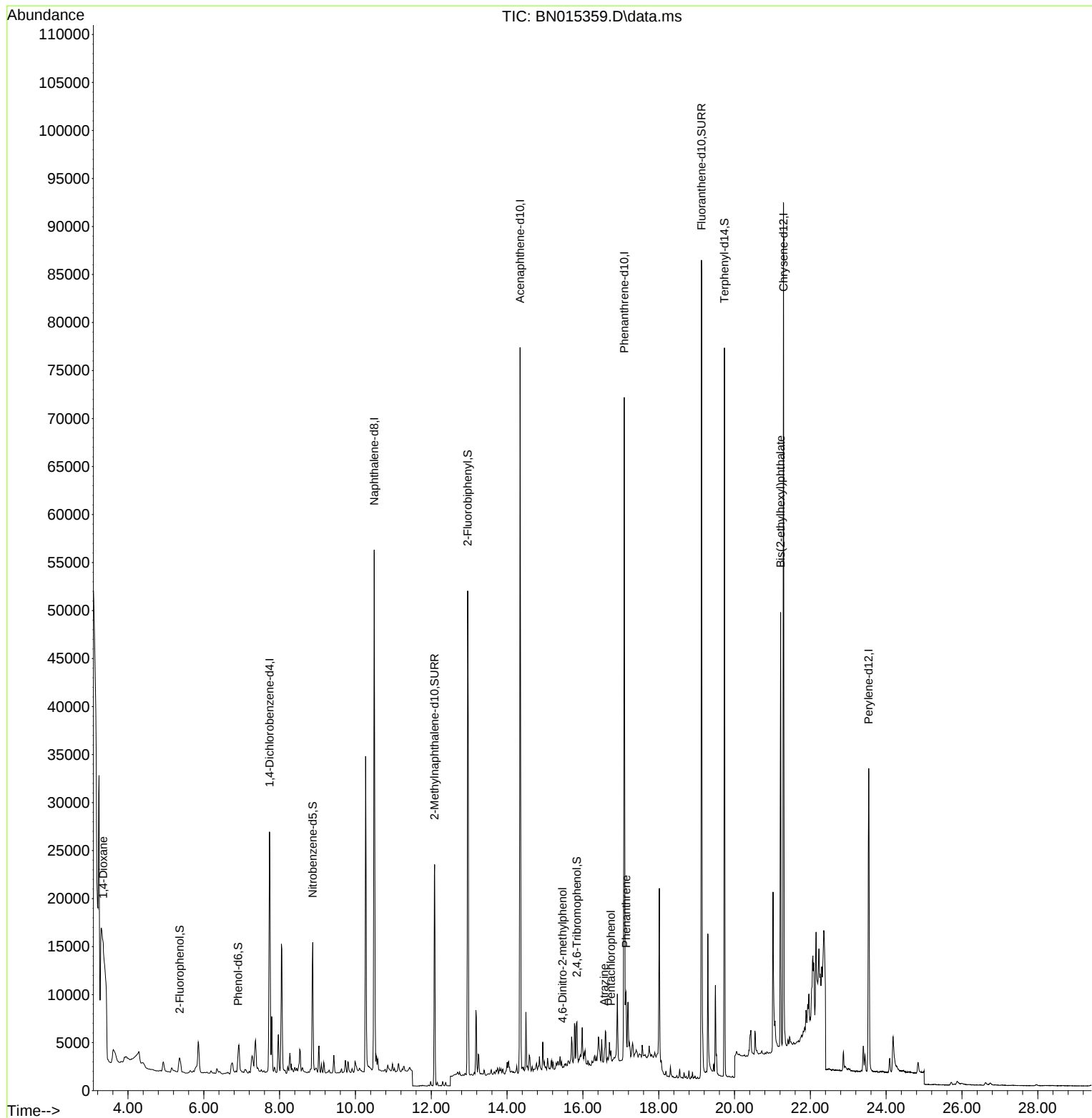
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.735  | 152  | 15174    | 0.40 | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.495 | 136  | 71029    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.345 | 164  | 41148    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.091 | 188  | 84582    | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.291 | 240  | 77534    | 0.40 | ng    | #-0.01   |
| 35) Perylene-d12              | 23.539 | 264  | 42286    | 0.40 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.365  | 112  | 3058     | 0.08 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.905  | 99   | 2480     | 0.05 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.873  | 82   | 12067    | 0.30 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.087 | 152  | 31299    | 0.27 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.842 | 330  | 3362     | 0.41 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.962 | 172  | 45084    | 0.27 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.132 | 212  | 92787    | 0.37 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.733 | 244  | 73121    | 0.40 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.346  | 88   | 376      | 0.05 | ng    | # 47     |
| 20) 4,6-Dinitro-2-methylph... | 15.461 | 198  | 7        | 0.20 | ng    | # 1      |
| 23) Atrazine                  | 16.567 | 200  | 111      | 0.18 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.738 | 266  | 824      | 0.32 | ng    | # 39     |
| 25) Phenanthrene              | 17.139 | 178  | 8158     | 0.03 | ng    | 96       |
| 34) Bis(2-ethylhexyl)phtha... | 21.217 | 149  | 40105    | 0.56 | ng    | # 88     |

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

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Quant Time: Jul 07 06:09:34 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN063021.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 01 09:06:31 2021  
Response via : Initial Calibration

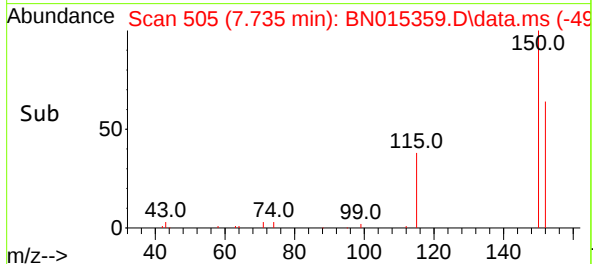
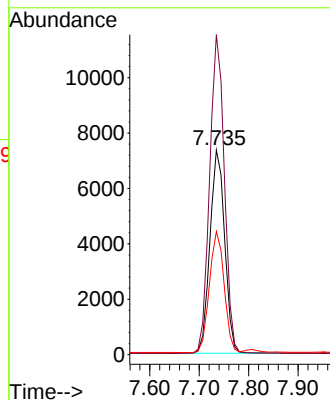
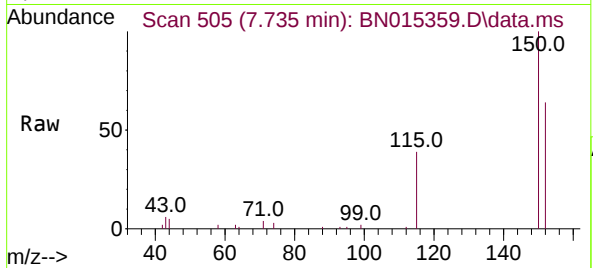




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.735 min Scan# 505  
 Delta R.T. 0.003 min  
 Lab File: BN015359.D  
 Acq: 07 Jul 2021 04:50

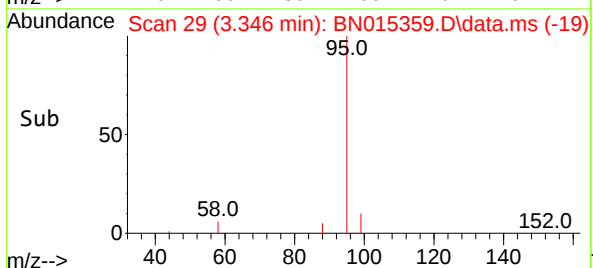
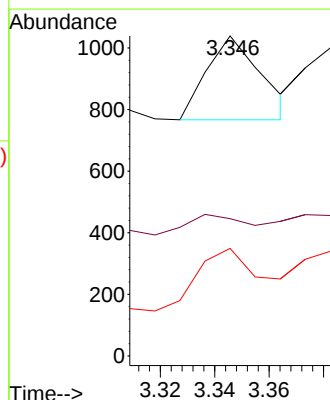
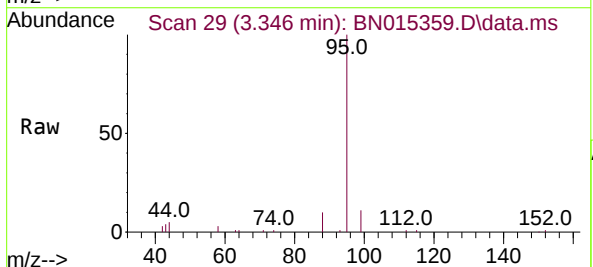
Instrument :  
 BNA\_N  
 ClientSampleId :

Tgt Ion: 152 Resp: 15174  
 Ion Ratio Lower Upper  
 152 100  
 150 156.4 119.0 178.6  
 115 60.2 62.2 93.4#



#2  
 1,4-Dioxane  
 Concen: 0.05 ng  
 RT: 3.346 min Scan# 29  
 Delta R.T. -0.006 min  
 Lab File: BN015359.D  
 Acq: 07 Jul 2021 04:50

Tgt Ion: 88 Resp: 376  
 Ion Ratio Lower Upper  
 88 100  
 43 25.8 12.9 19.3#  
 58 90.4 38.1 57.1#

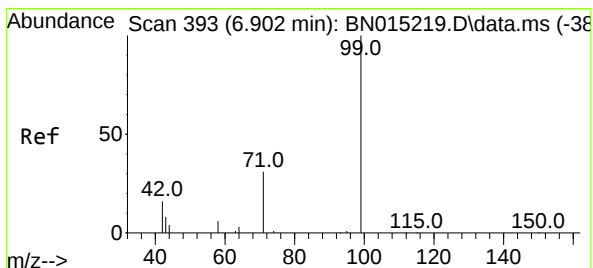
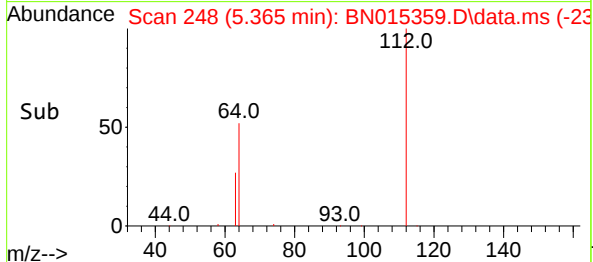
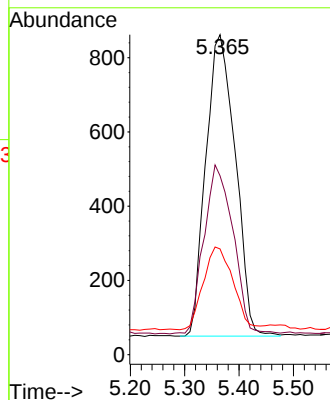
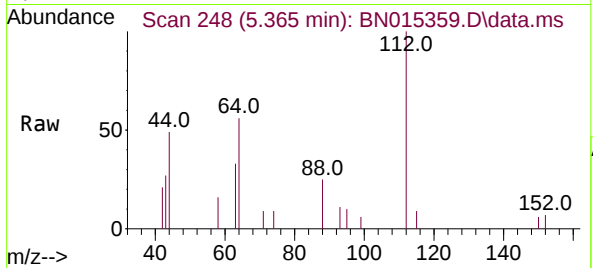




#4  
2-Fluorophenol  
Concen: 0.08 ng  
RT: 5.365 min Scan# 248  
Delta R.T. 0.003 min  
Lab File: BN015359.D  
Acq: 07 Jul 2021 04:50

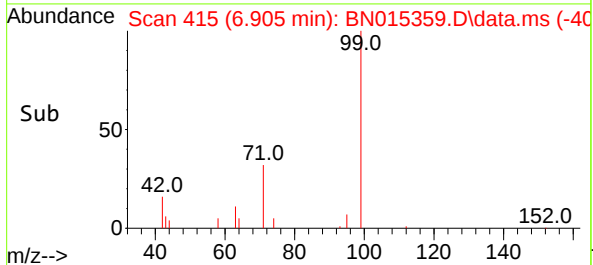
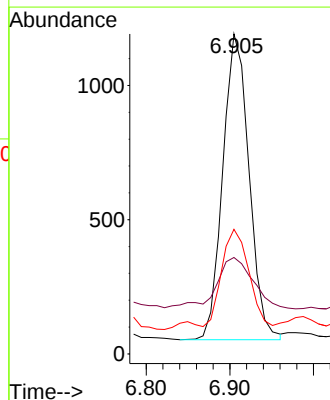
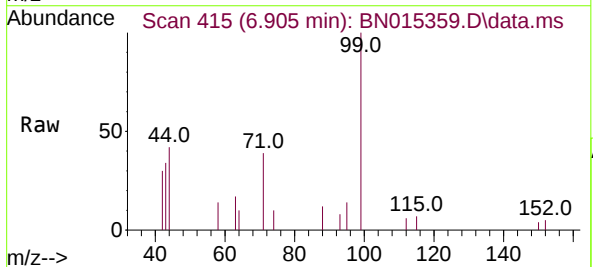
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BNA\_N  
ClientSampleId :

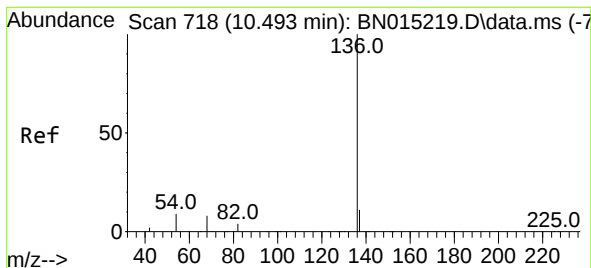
Tgt Ion:112 Resp: 3058  
Ion Ratio Lower Upper  
112 100  
64 54.6 39.0 58.6  
63 27.8 20.6 30.8



#5  
Phenol-d6  
Concen: 0.05 ng  
RT: 6.905 min Scan# 415  
Delta R.T. 0.003 min  
Lab File: BN015359.D  
Acq: 07 Jul 2021 04:50

Tgt Ion: 99 Resp: 2480  
Ion Ratio Lower Upper  
99 100  
42 22.5 8.9 13.3#  
71 33.1 35.6 53.4#

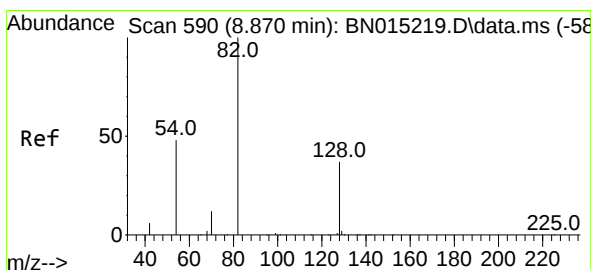
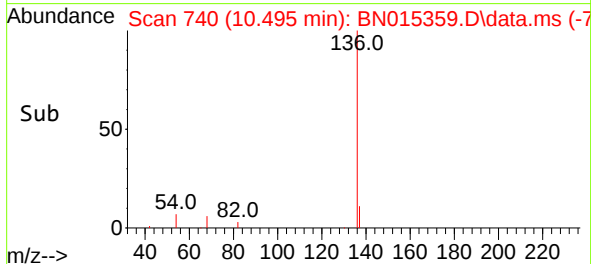
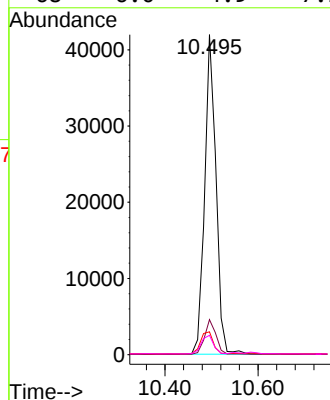
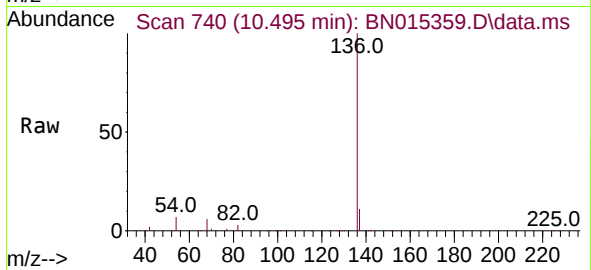




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.495 min Scan# 740  
Delta R.T. 0.003 min  
Lab File: BN015359.D  
Acq: 07 Jul 2021 04:50

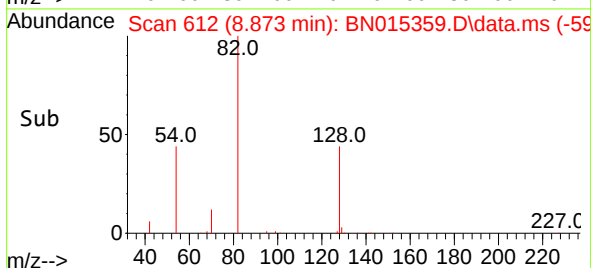
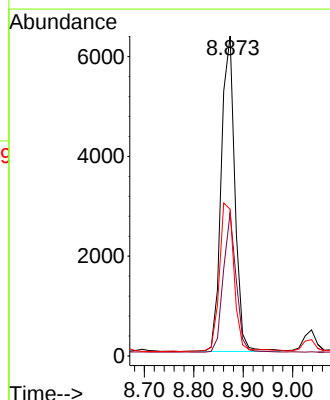
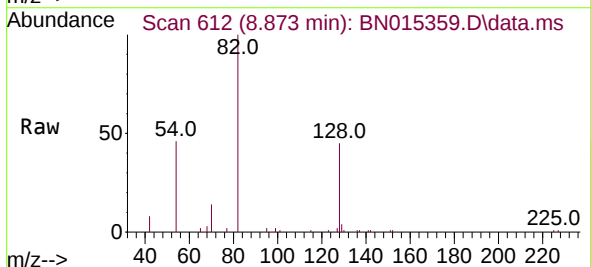
Instrument :  
BNA\_N  
ClientSampled :

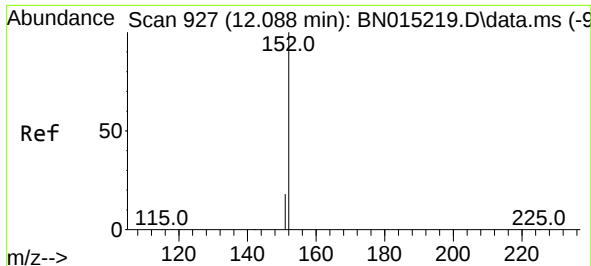
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 71029    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.0  | 9.8 14.8 |
| 54          | 7.1   | 5.4 8.2  |
| 68          | 6.0   | 4.9 7.3  |



#8  
Nitrobenzene-d5  
Concen: 0.30 ng  
RT: 8.873 min Scan# 612  
Delta R.T. 0.003 min  
Lab File: BN015359.D  
Acq: 07 Jul 2021 04:50

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 12067     |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 44.8  | 31.6 47.4 |
| 54          | 45.9  | 29.0 43.4 |

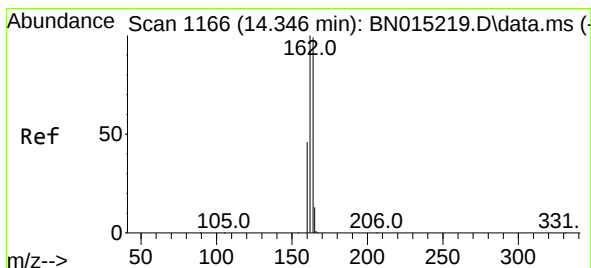
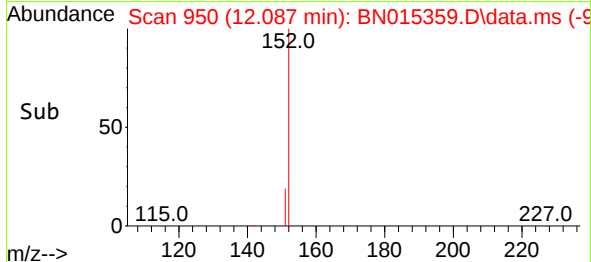
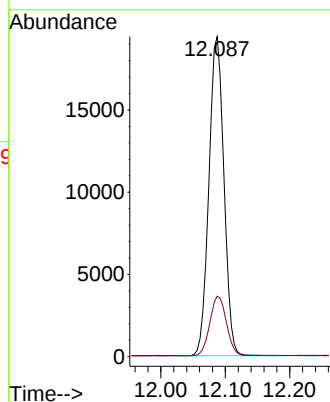
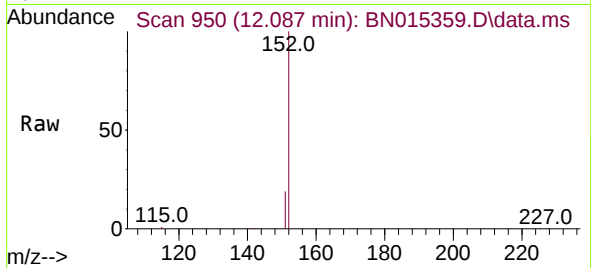




#11  
2-Methylnaphthalene-d10  
Concen: 0.27 ng  
RT: 12.087 min Scan# 950  
Delta R.T. -0.001 min  
Lab File: BN015359.D  
Acq: 07 Jul 2021 04:50

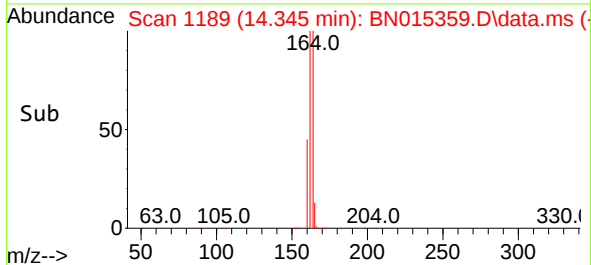
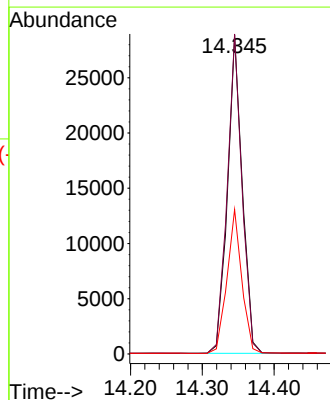
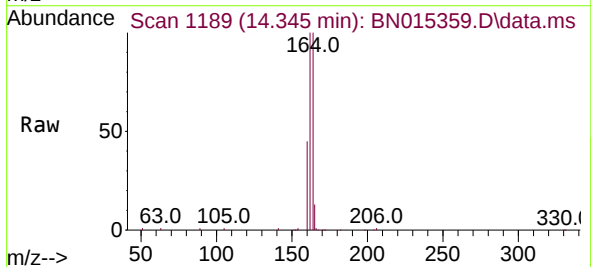
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:152 Resp: 31299  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.7 25.1



#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.345 min Scan# 1189  
Delta R.T. -0.001 min  
Lab File: BN015359.D  
Acq: 07 Jul 2021 04:50

Tgt Ion:164 Resp: 41148  
Ion Ratio Lower Upper  
164 100  
162 100.3 83.8 125.6  
160 45.3 37.4 56.0

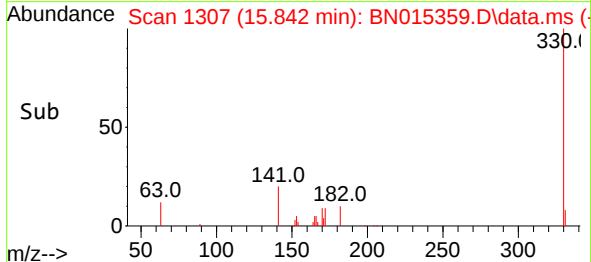
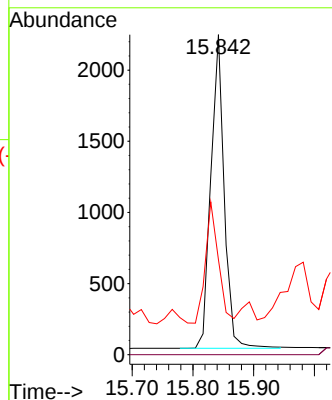
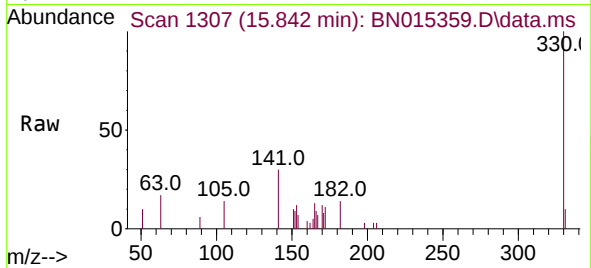




#14  
2,4,6-Tribromophenol  
Concen: 0.41 ng  
RT: 15.842 min Scan# 1307  
Delta R.T. -0.001 min  
Lab File: BN015359.D  
Acq: 07 Jul 2021 04:50

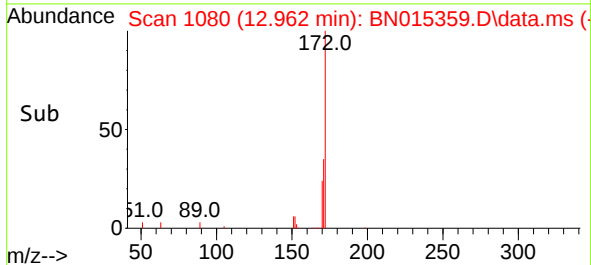
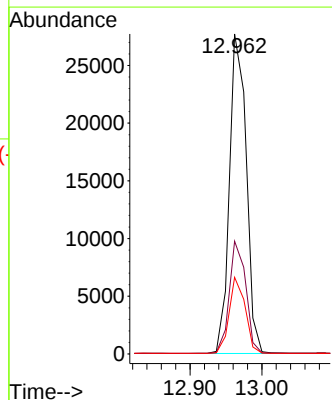
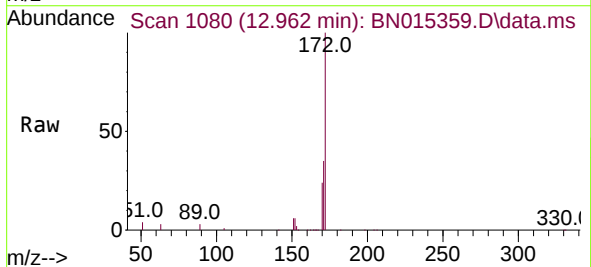
Instrument :  
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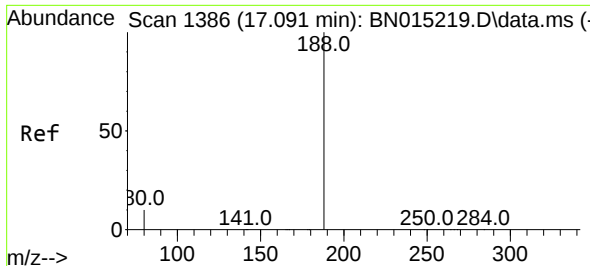
Tgt Ion: 330 Resp: 3362  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 37.6 22.4 33.6#



#15  
2-Fluorobiphenyl  
Concen: 0.27 ng  
RT: 12.962 min Scan# 1080  
Delta R.T. -0.001 min  
Lab File: BN015359.D  
Acq: 07 Jul 2021 04:50

Tgt Ion: 172 Resp: 45084  
Ion Ratio Lower Upper  
172 100  
171 35.2 30.6 45.8  
170 24.0 20.2 30.4

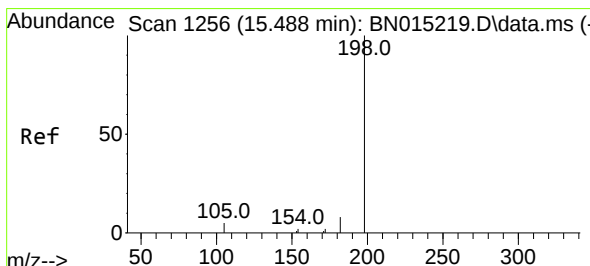
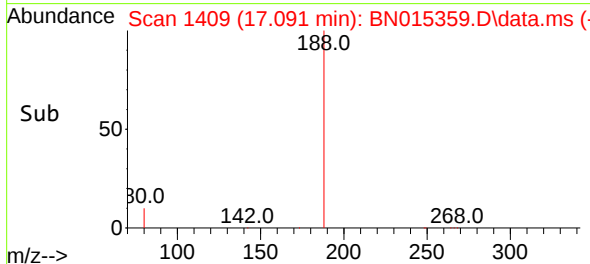
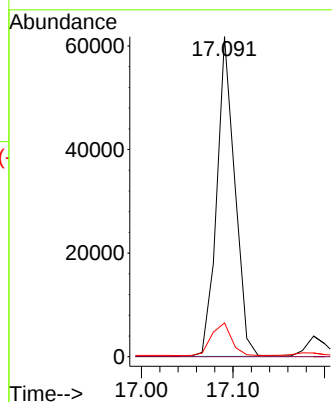
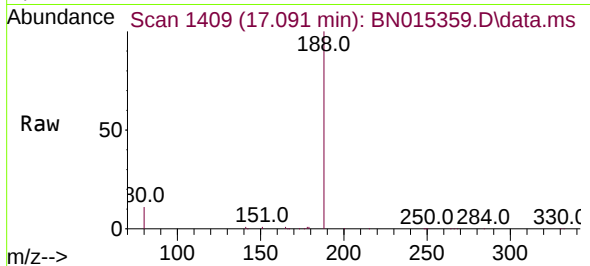




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.091 min Scan# 1409  
Delta R.T. -0.000 min  
Lab File: BN015359.D  
Acq: 07 Jul 2021 04:50

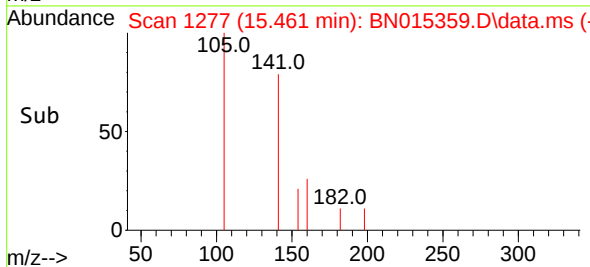
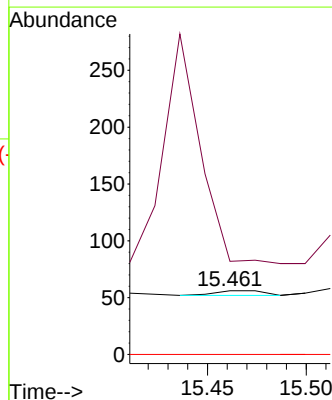
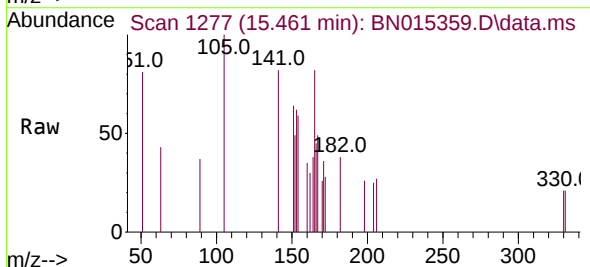
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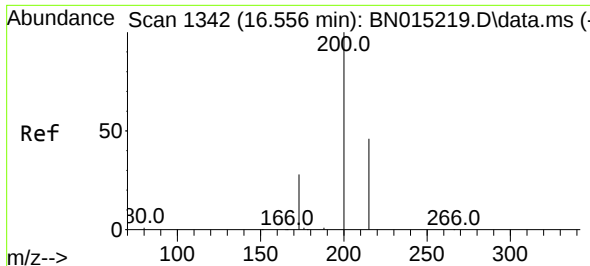
Tgt Ion:188 Resp: 84582  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.5 9.0 13.4



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.20 ng  
RT: 15.461 min Scan# 1277  
Delta R.T. -0.027 min  
Lab File: BN015359.D  
Acq: 07 Jul 2021 04:50

Tgt Ion:198 Resp: 7  
Ion Ratio Lower Upper  
198 100  
182 146.4 34.5 51.7#  
77 0.0 0.0 0.0

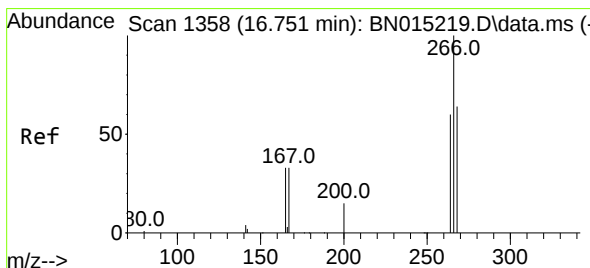
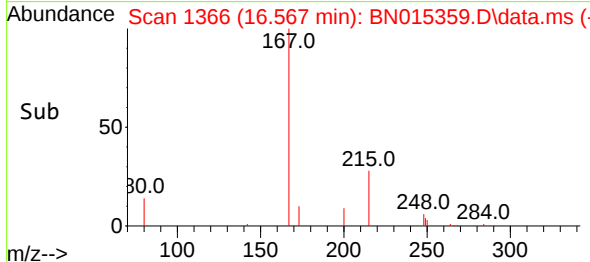
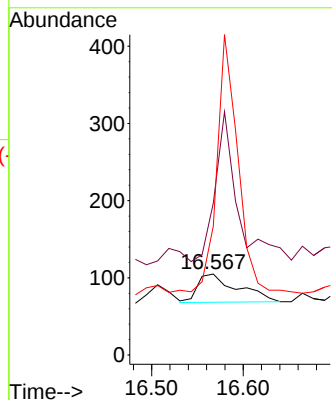
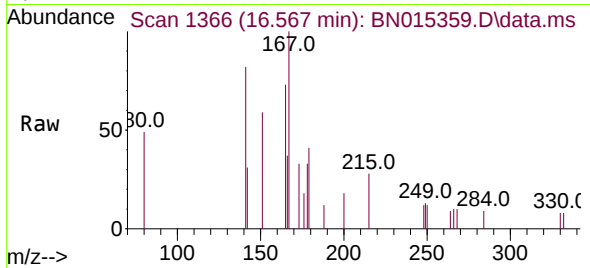




#23  
Atrazine  
Concen: 0.18 ng  
RT: 16.567 min Scan# 1366  
Delta R.T. 0.011 min  
Lab File: BN015359.D  
Acq: 07 Jul 2021 04:50

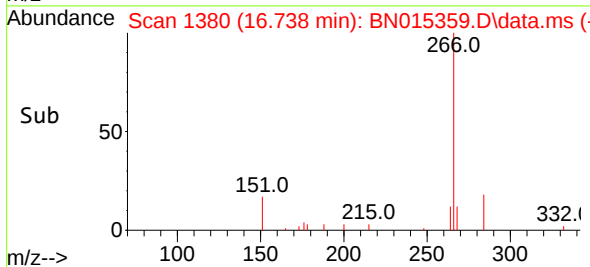
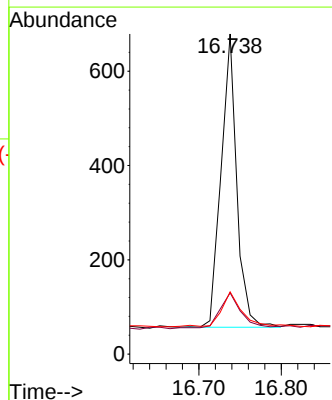
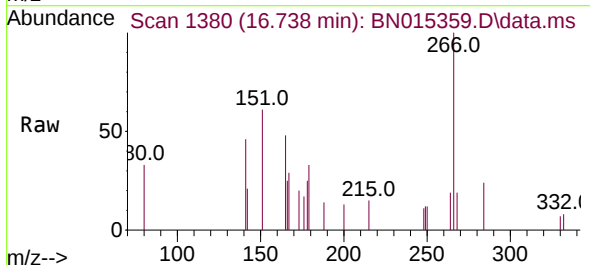
Instrument :  
BNA\_N  
ClientSampleId :

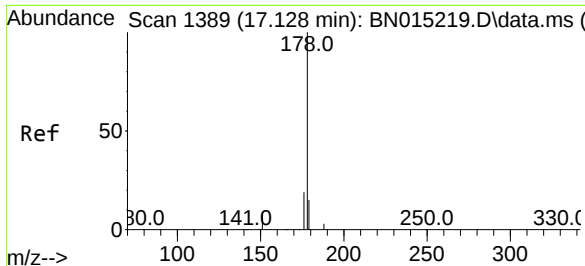
Tgt Ion:200 Resp: 111  
Ion Ratio Lower Upper  
200 100  
173 187.6 21.7 32.5#  
215 159.0 43.1 64.7#



#24  
Pentachlorophenol  
Concen: 0.32 ng  
RT: 16.738 min Scan# 1380  
Delta R.T. -0.013 min  
Lab File: BN015359.D  
Acq: 07 Jul 2021 04:50

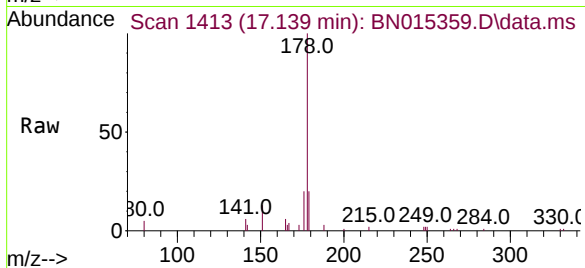
Tgt Ion:266 Resp: 824  
Ion Ratio Lower Upper  
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264 15.5 51.0 76.4#  
268 15.9 50.6 76.0#



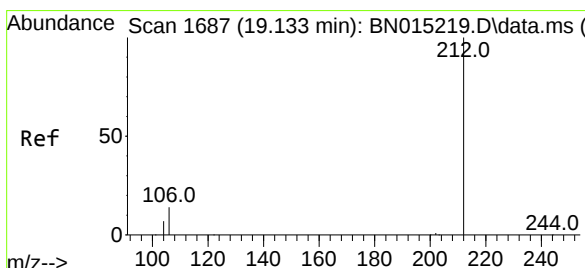
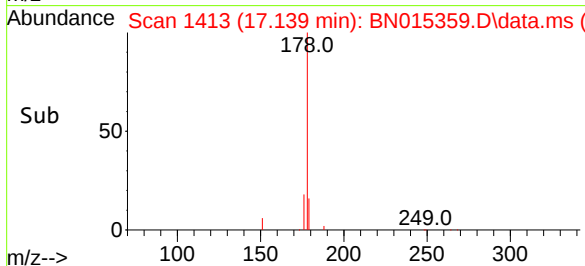
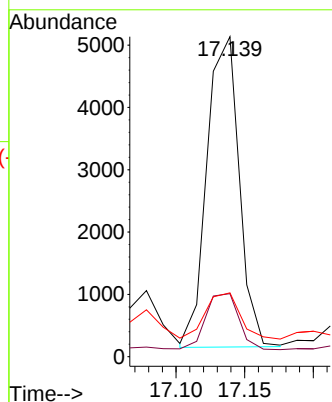


#25  
Phenanthrene  
Concen: 0.03 ng  
RT: 17.139 min Scan# 1413  
Delta R.T. 0.011 min  
Lab File: BN015359.D  
Acq: 07 Jul 2021 04:50

Instrument :  
BNA\_N  
ClientSampleId :

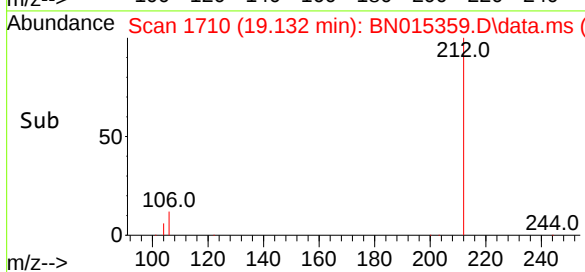
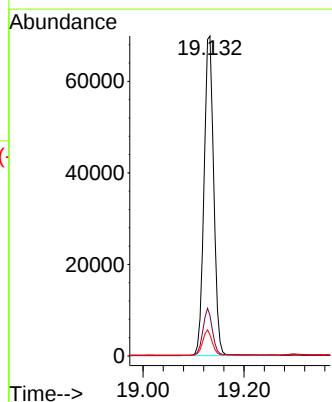
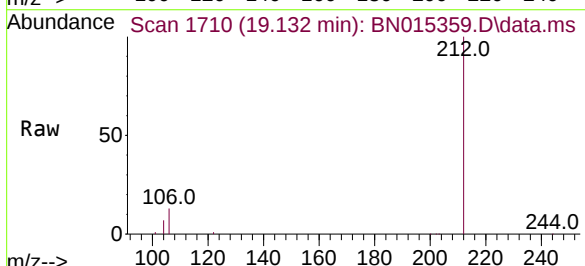


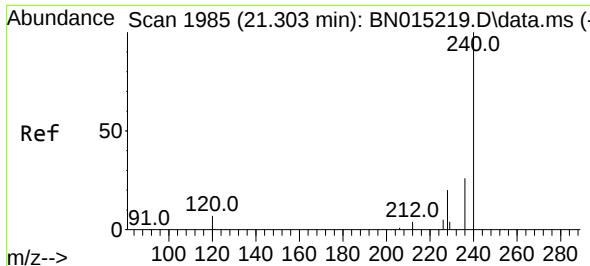
Tgt Ion:178 Resp: 8158  
Ion Ratio Lower Upper  
178 100  
176 20.9 15.6 23.4  
179 17.5 12.1 18.1



#27  
Fluoranthene-d10  
Concen: 0.37 ng  
RT: 19.132 min Scan# 1710  
Delta R.T. -0.001 min  
Lab File: BN015359.D  
Acq: 07 Jul 2021 04:50

Tgt Ion:212 Resp: 92787  
Ion Ratio Lower Upper  
212 100  
106 14.5 7.0 10.6#  
104 8.1 4.1 6.1#

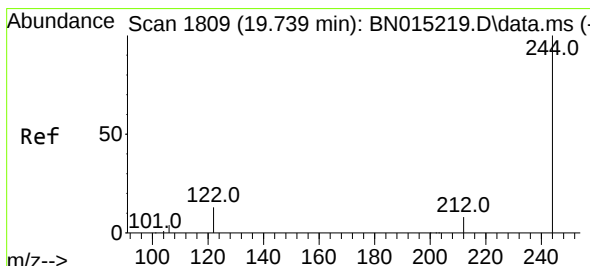
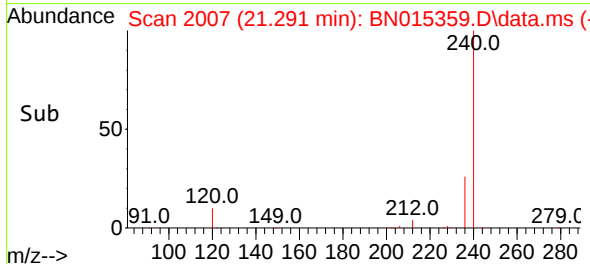
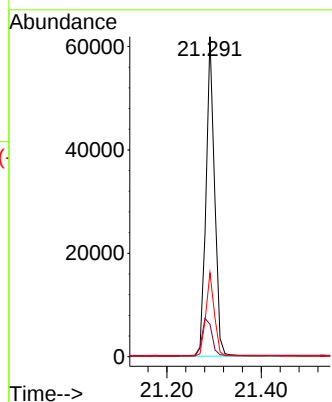
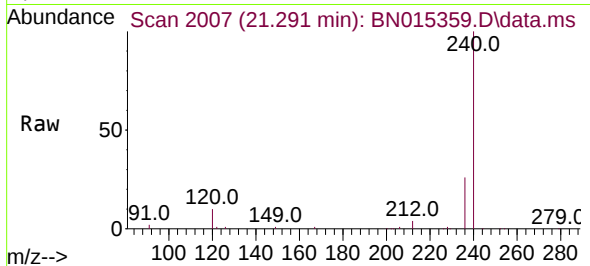




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.291 min Scan# 2007  
Delta R.T. -0.012 min  
Lab File: BN015359.D  
Acq: 07 Jul 2021 04:50

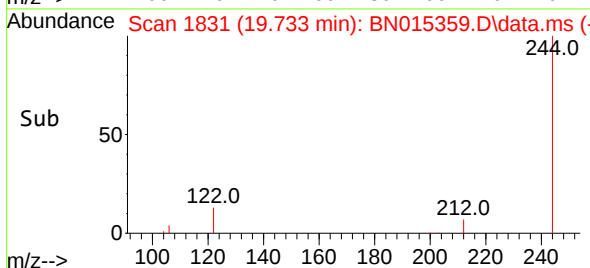
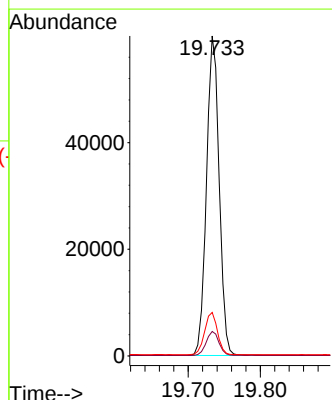
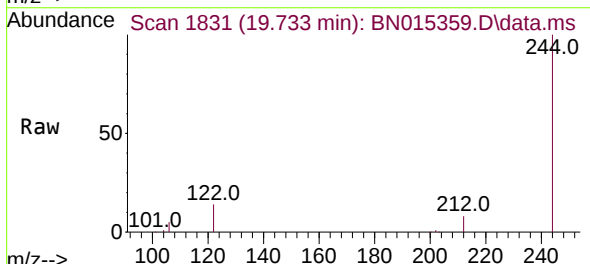
Instrument :  
BNA\_N  
ClientSampleId :

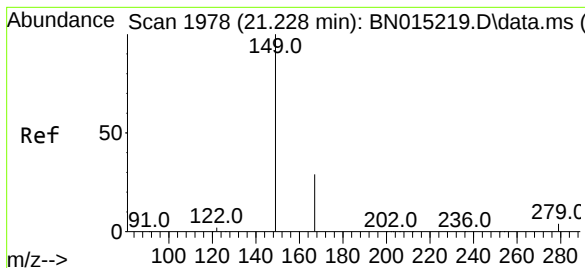
Tgt Ion:240 Resp: 77534  
Ion Ratio Lower Upper  
240 100  
120 10.2 4.2 6.4#  
236 26.2 21.4 32.2



#31  
Terphenyl-d14  
Concen: 0.40 ng  
RT: 19.733 min Scan# 1831  
Delta R.T. -0.006 min  
Lab File: BN015359.D  
Acq: 07 Jul 2021 04:50

Tgt Ion:244 Resp: 73121  
Ion Ratio Lower Upper  
244 100  
212 7.6 6.3 9.5  
122 13.6 6.2 9.2#

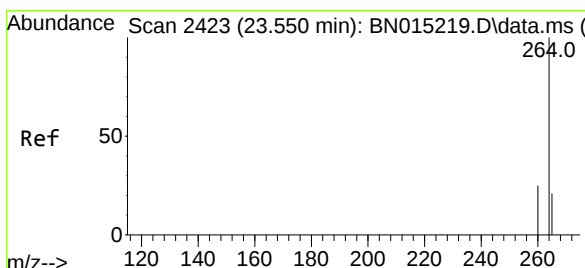
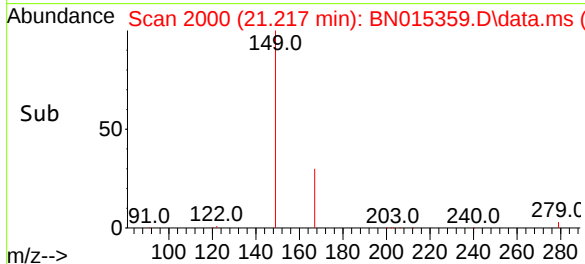
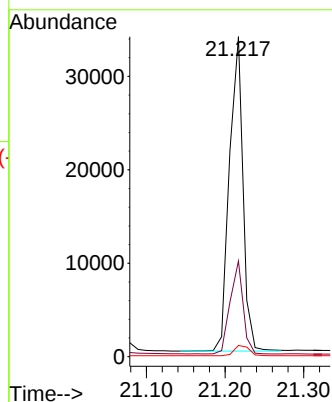
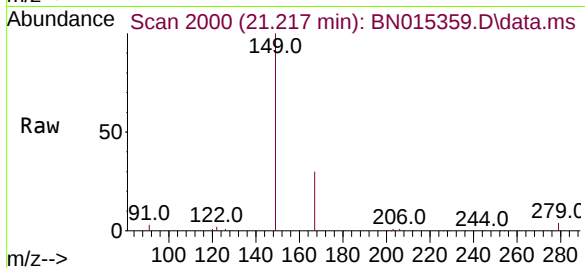




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.56 ng  
RT: 21.217 min Scan# 2000  
Delta R.T. -0.011 min  
Lab File: BN015359.D  
Acq: 07 Jul 2021 04:50

Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:149 Resp: 40105  
Ion Ratio Lower Upper  
149 100  
167 28.2 28.9 43.3#  
279 3.6 4.9 7.3#



#35  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.539 min Scan# 2443  
Delta R.T. -0.011 min  
Lab File: BN015359.D  
Acq: 07 Jul 2021 04:50

Tgt Ion:264 Resp: 42286  
Ion Ratio Lower Upper  
264 100  
260 24.9 20.6 31.0  
265 24.4 21.4 32.2

