

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092521\  
 Data File : BN016508.D  
 Acq On : 26 Sep 2021 13:25  
 Operator : CG/JU  
 Sample : PB139306BSD  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Sep 27 05:30:49 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN092421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 24 03:35:41 2021  
 Response via : Initial Calibration

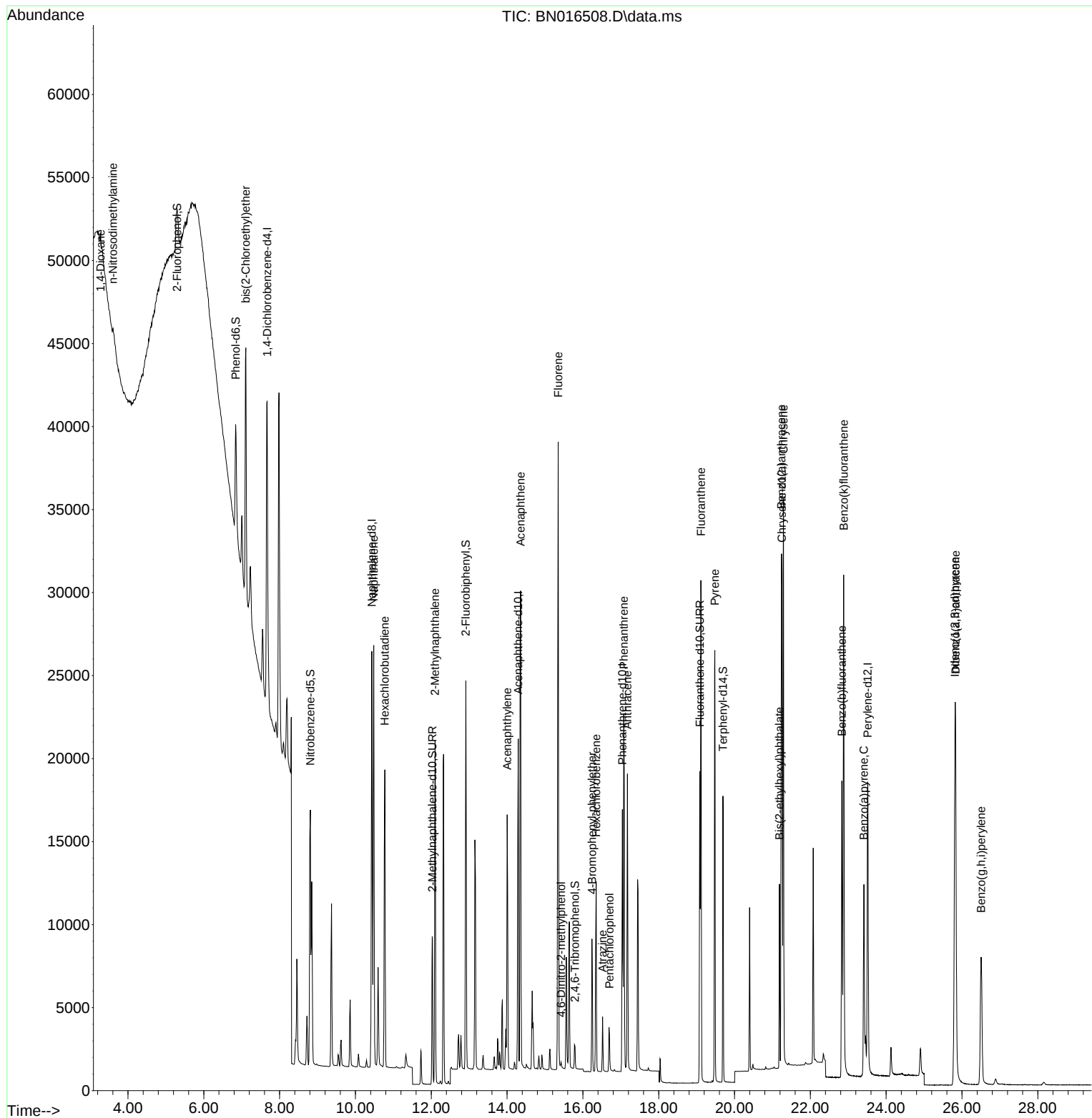
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.670  | 152  | 12284    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.432 | 136  | 31229    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.294 | 164  | 9389     | 0.400 | ng    | # 0.00   |
| 19) Phenanthrene-d10          | 17.042 | 188  | 20481    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.248 | 240  | 20878    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.512 | 264  | 23390    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.291  | 112  | 4225     | 0.153 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.840  | 99   | 7042     | 0.216 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.810  | 82   | 12647    | 0.572 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.025 | 152  | 11828    | 0.256 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.791 | 330  | 1183     | 0.464 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.911 | 172  | 19478    | 0.494 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.083 | 212  | 21745    | 0.387 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.693 | 244  | 17392    | 0.358 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.281  | 88   | 430      | 0.082 | ng    | # 78     |
| 3) n-Nitrosodimethylamine     | 3.603  | 42   | 266      | 0.021 | ng    | # 1      |
| 6) bis(2-Chloroethyl)ether    | 7.107  | 93   | 11812    | 0.359 | ng    | # 81     |
| 9) Naphthalene                | 10.482 | 128  | 33256    | 0.399 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.774 | 225  | 14792    | 0.893 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.100 | 142  | 14256    | 0.270 | ng    | # 94     |
| 16) Acenaphthylene            | 14.002 | 152  | 17678    | 0.463 | ng    | 100      |
| 17) Acenaphthene              | 14.357 | 154  | 12220    | 0.451 | ng    | # 60     |
| 18) Fluorene                  | 15.347 | 166  | 14957    | 0.459 | ng    | 91       |
| 20) 4,6-Dinitro-2-methylph... | 15.423 | 198  | 241      | 0.249 | ng    | 99       |
| 21) 4-Bromophenyl-phenylether | 16.238 | 248  | 4214     | 0.353 | ng    | # 79     |
| 22) Hexachlorobenzene         | 16.348 | 284  | 8609     | 0.727 | ng    | # 88     |
| 23) Atrazine                  | 16.518 | 200  | 2435     | 0.350 | ng    | 96       |
| 24) Pentachlorophenol         | 16.701 | 266  | 1466     | 0.485 | ng    | 99       |
| 25) Phenanthrene              | 17.078 | 178  | 24236    | 0.398 | ng    | 98       |
| 26) Anthracene                | 17.176 | 178  | 18305    | 0.361 | ng    | 98       |
| 28) Fluoranthene              | 19.112 | 202  | 27366    | 0.410 | ng    | 98       |
| 30) Pyrene                    | 19.480 | 202  | 23731    | 0.363 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.238 | 228  | 21359    | 0.353 | ng    | 100      |
| 33) Chrysene                  | 21.291 | 228  | 31049    | 0.477 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.185 | 149  | 9210     | 0.558 | ng    | # 94     |
| 36) Indeno(1,2,3-cd)pyrene    | 25.815 | 276  | 28155    | 0.371 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.830 | 252  | 22568    | 0.289 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 22.878 | 252  | 35775    | 0.474 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.412 | 252  | 19234    | 0.302 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene    | 25.829 | 278  | 24738    | 0.383 | ng    | 96       |
| 41) Benzo(g,h,i)perylene      | 26.503 | 276  | 17206    | 0.260 | ng    | 96       |
| -----                         |        |      |          |       |       |          |

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

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Acq On : 26 Sep 2021 13:25  
Operator : CG/JU  
Sample : PB139306BSD  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

Quant Time: Sep 27 05:30:49 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN092421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 24 03:35:41 2021  
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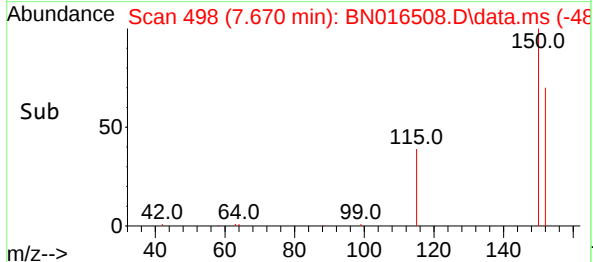
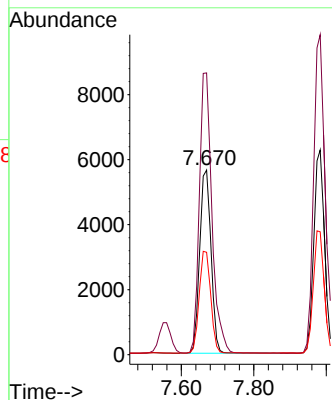
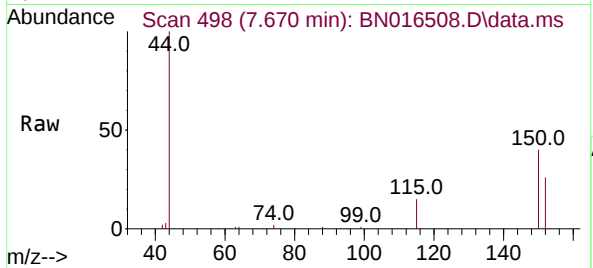




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.670 min Scan# 498  
 Delta R.T. -0.000 min  
 Lab File: BN016508.D  
 Acq: 26 Sep 2021 13:25

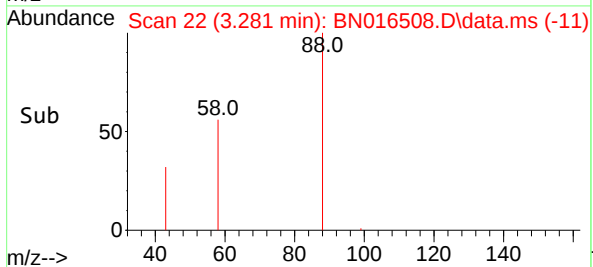
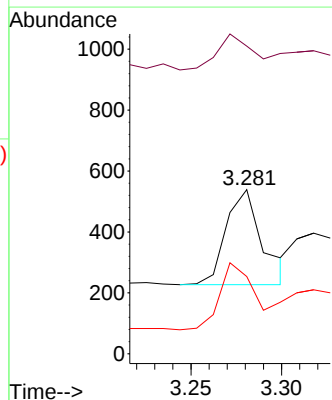
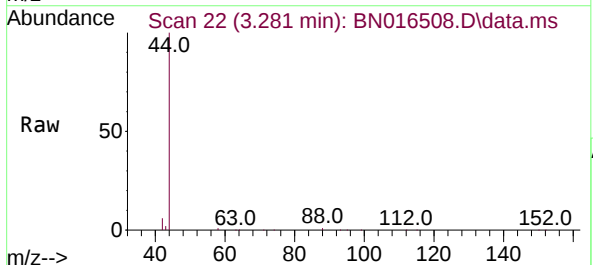
Instrument :  
 BNA\_N  
 ClientSampled :

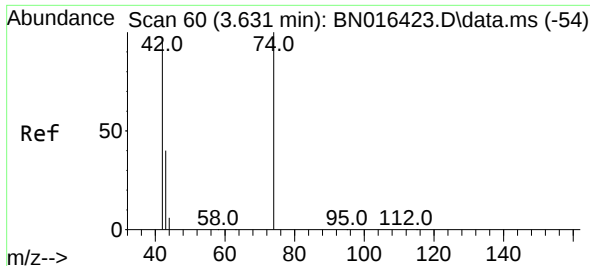
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 Ion Ratio Lower Upper  
 152 100  
 150 152.6 125.6 188.4  
 115 55.5 50.2 75.2



#2  
 1,4-Dioxane  
 Concen: 0.082 ng  
 RT: 3.281 min Scan# 22  
 Delta R.T. -0.000 min  
 Lab File: BN016508.D  
 Acq: 26 Sep 2021 13:25

Tgt Ion: 88 Resp: 430  
 Ion Ratio Lower Upper  
 88 100  
 43 35.8 20.3 30.5#  
 58 66.0 69.9 104.9#

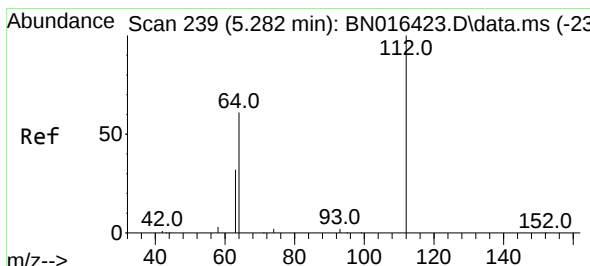
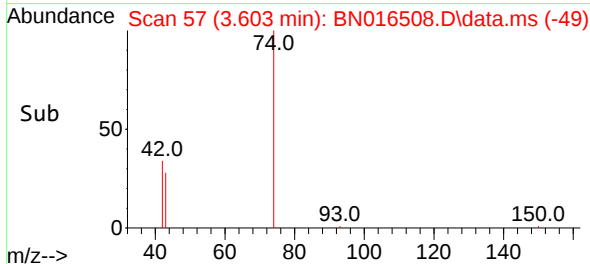
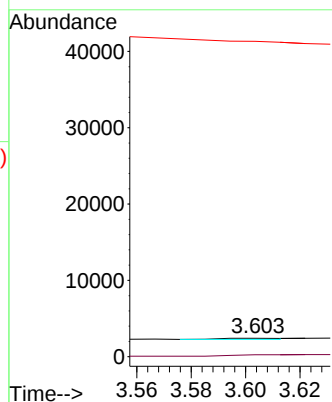
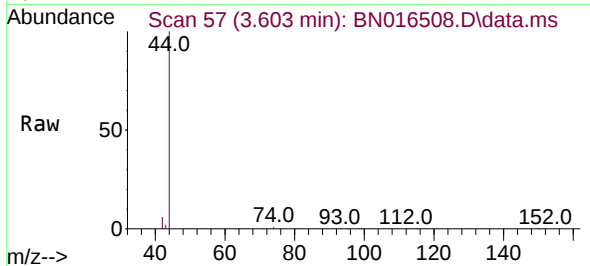




#3  
n-Nitrosodimethylamine  
Concen: 0.021 ng  
RT: 3.603 min Scan# 57  
Delta R.T. -0.028 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

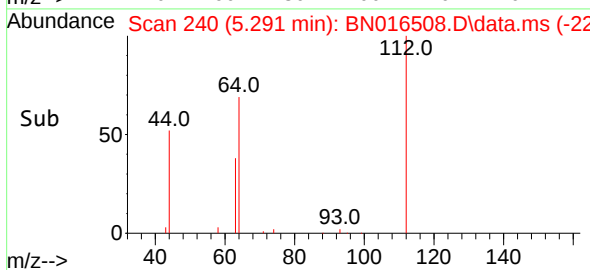
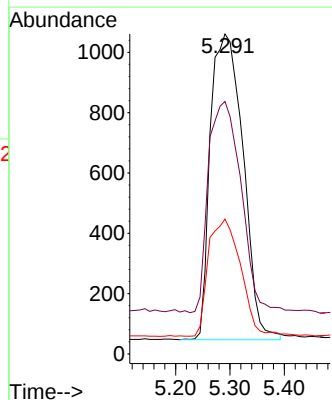
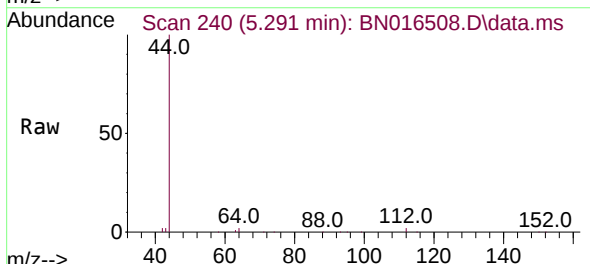
Instrument :  
BNA\_N  
ClientSampled :

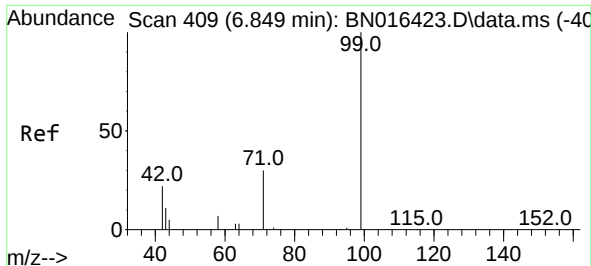
Tgt Ion: 42 Resp: 266  
Ion Ratio Lower Upper  
42 100  
74 0.0 113.6 170.4#  
44 0.0 0.0 0.0



#4  
2-Fluorophenol  
Concen: 0.153 ng  
RT: 5.291 min Scan# 240  
Delta R.T. 0.009 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

Tgt Ion: 112 Resp: 4225  
Ion Ratio Lower Upper  
112 100  
64 69.1 47.3 70.9  
63 37.7 23.4 35.0#

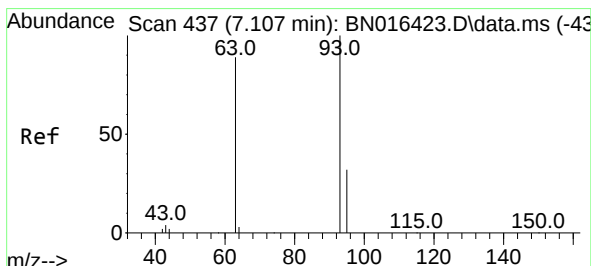
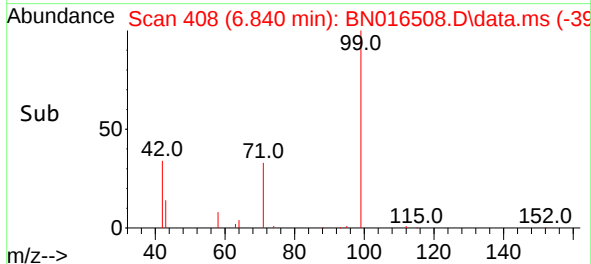
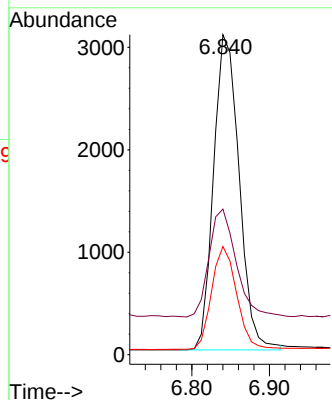
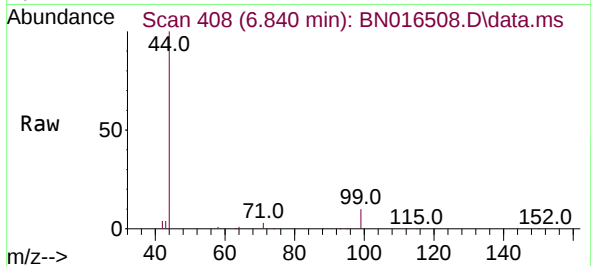




#5  
Phenol-d6  
Concen: 0.216 ng  
RT: 6.840 min Scan# 408  
Delta R.T. -0.009 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

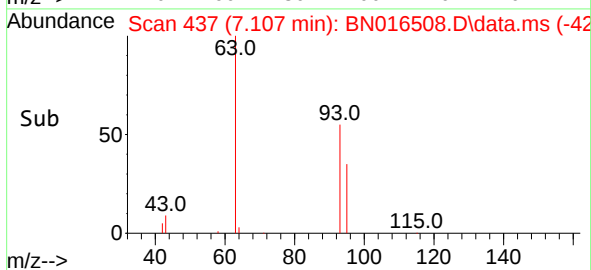
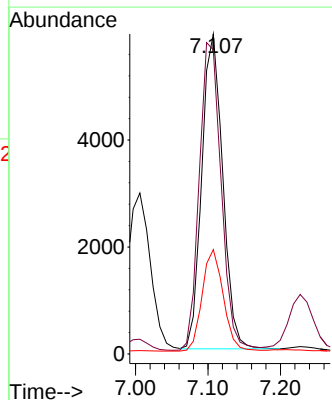
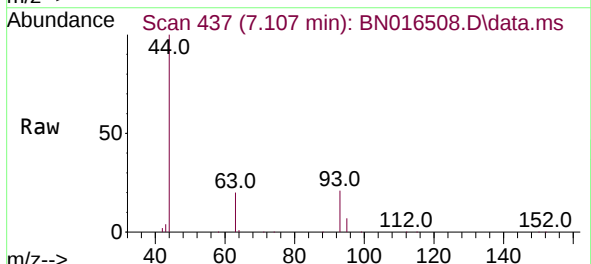
Instrument :  
BNA\_N  
ClientSampled :

Tgt Ion: 99 Resp: 7042  
Ion Ratio Lower Upper  
99 100  
42 35.8 14.0 21.0#  
71 31.9 23.8 35.6



#6  
bis(2-Chloroethyl)ether  
Concen: 0.359 ng  
RT: 7.107 min Scan# 437  
Delta R.T. -0.000 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

Tgt Ion: 93 Resp: 11812  
Ion Ratio Lower Upper  
93 100  
63 102.4 63.4 95.0#  
95 32.6 26.8 40.2

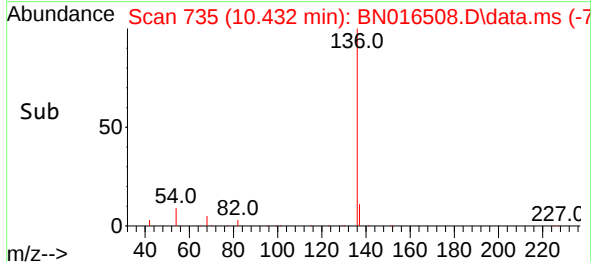
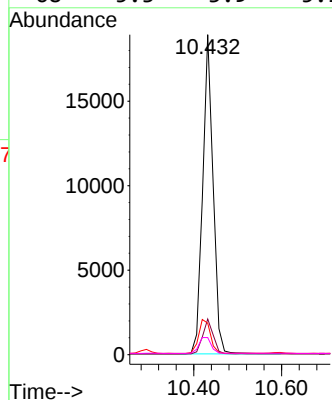
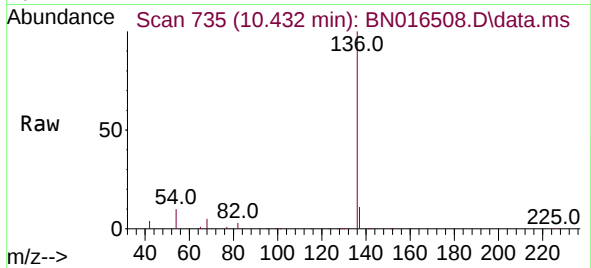




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.432 min Scan# 735  
Delta R.T. -0.013 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

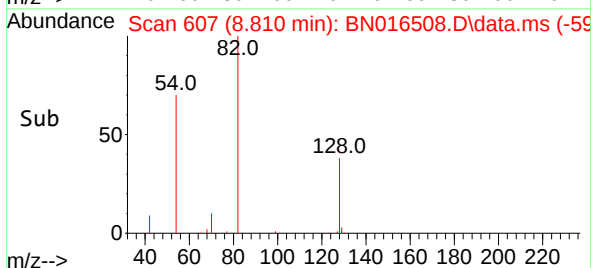
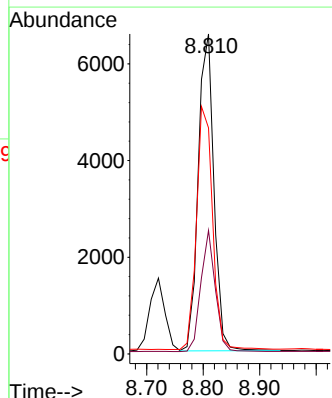
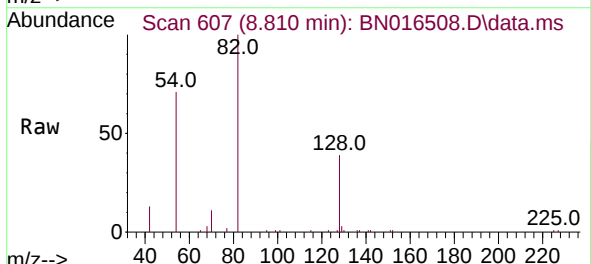
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BNA\_N  
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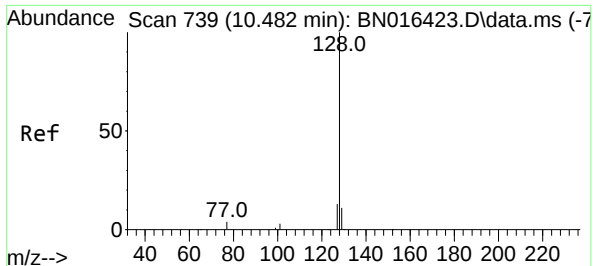
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 31229 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.1  | 8.8   | 13.2  |
| 54        | 9.8   | 5.3   | 7.9#  |
| 68        | 5.3   | 3.9   | 5.9   |



#8  
Nitrobenzene-d5  
Concen: 0.572 ng  
RT: 8.810 min Scan# 607  
Delta R.T. -0.000 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 12647 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 38.6  | 31.7  | 47.5  |
| 54        | 70.7  | 46.4  | 69.6# |

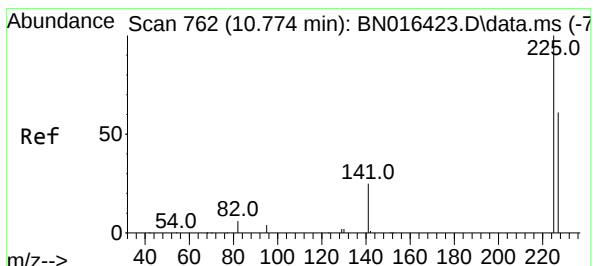
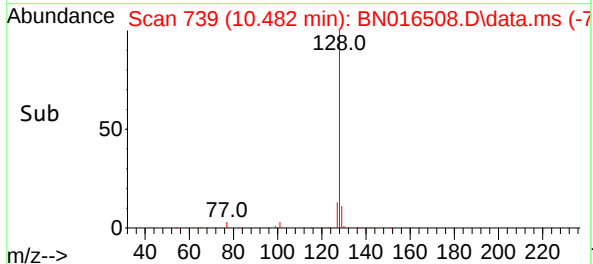
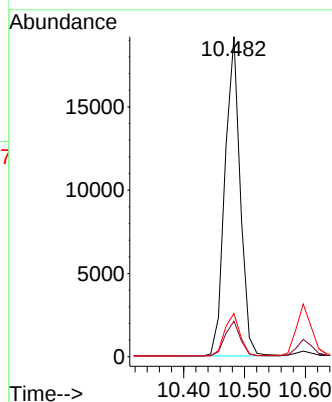
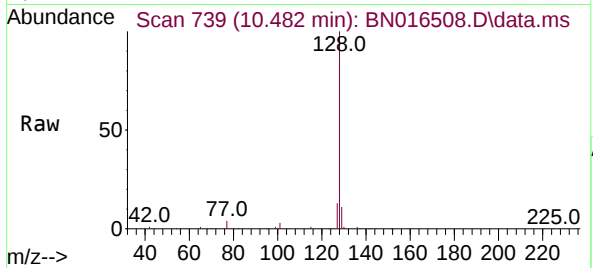




#9  
Naphthalene  
Concen: 0.399 ng  
RT: 10.482 min Scan# 739  
Delta R.T. -0.000 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

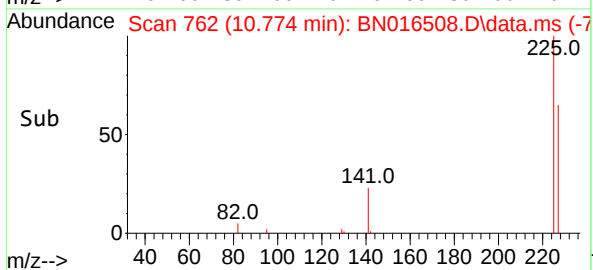
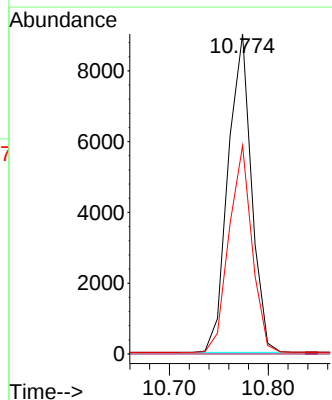
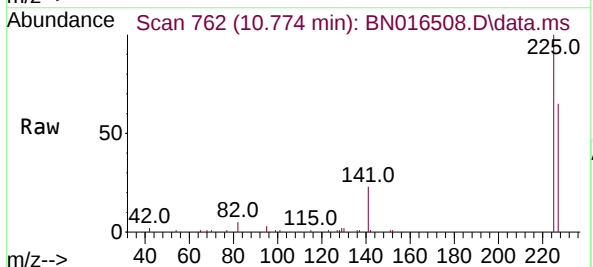
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 33256  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 13.5 10.1 15.1



#10  
Hexachlorobutadiene  
Concen: 0.893 ng  
RT: 10.774 min Scan# 762  
Delta R.T. -0.000 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

Tgt Ion:225 Resp: 14792  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.9 51.5 77.3

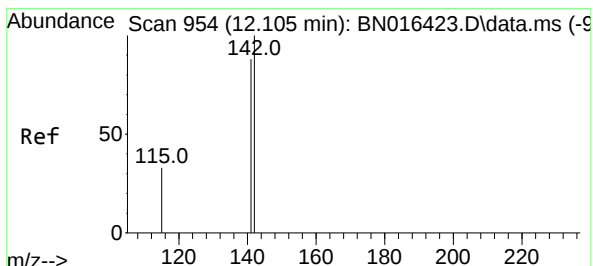
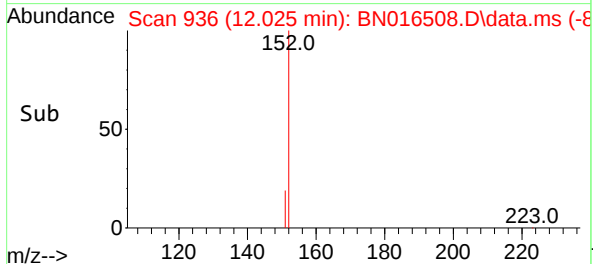
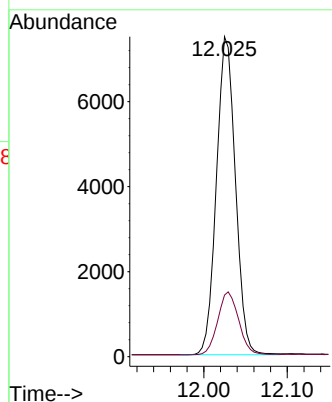
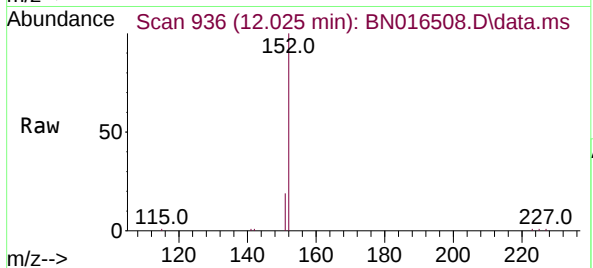




#11  
2-Methylnaphthalene-d10  
Concen: 0.256 ng  
RT: 12.025 min Scan# 936  
Delta R.T. -0.009 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

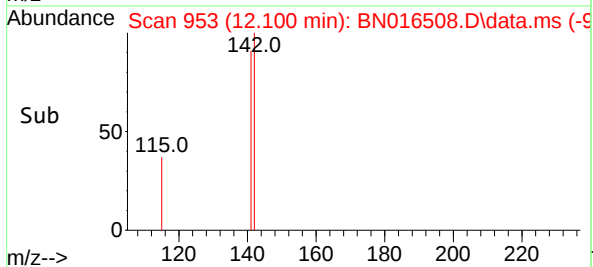
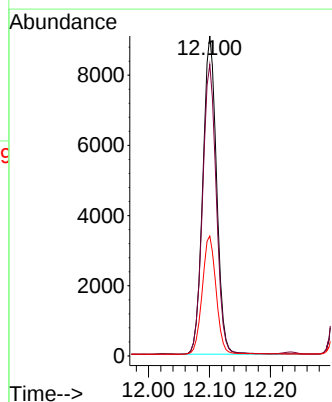
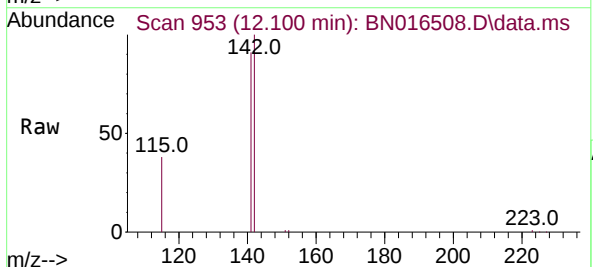
Instrument :  
BNA\_N  
ClientSampleId :

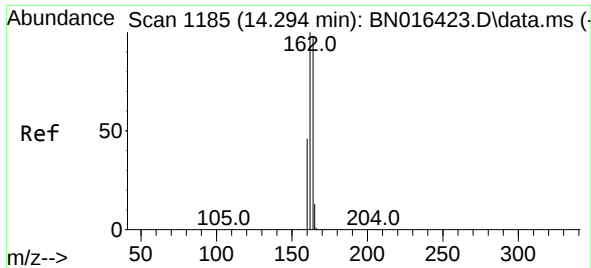
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Ion Ratio Lower Upper  
152 100  
151 21.7 16.1 24.1



#12  
2-Methylnaphthalene  
Concen: 0.270 ng  
RT: 12.100 min Scan# 953  
Delta R.T. -0.004 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

Tgt Ion:142 Resp: 14256  
Ion Ratio Lower Upper  
142 100  
141 91.1 69.8 104.8  
115 37.5 24.4 36.6#

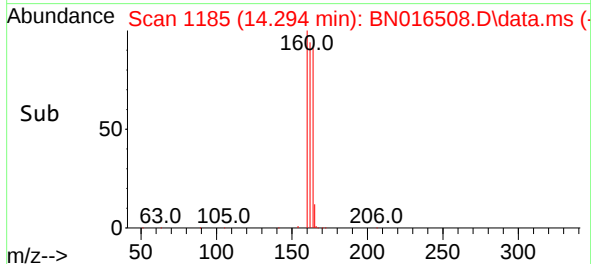
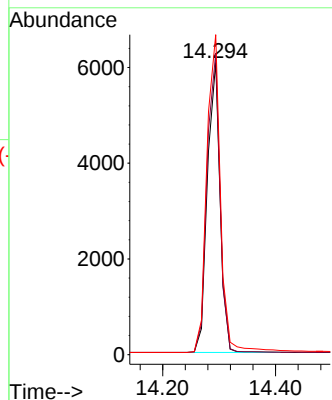
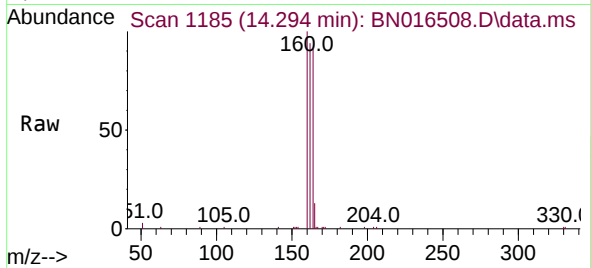




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.294 min Scan# 1185  
Delta R.T. -0.000 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

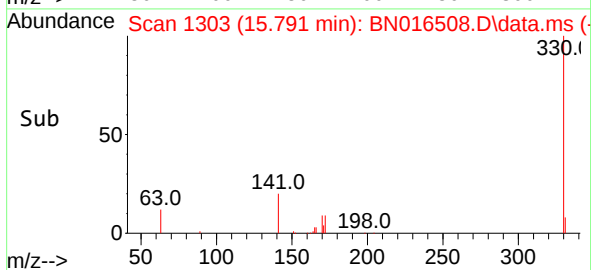
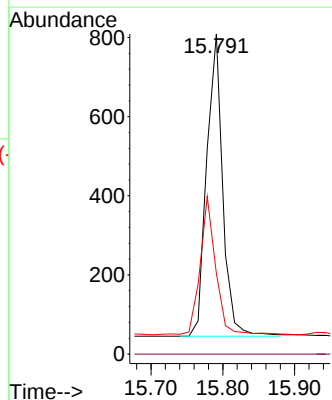
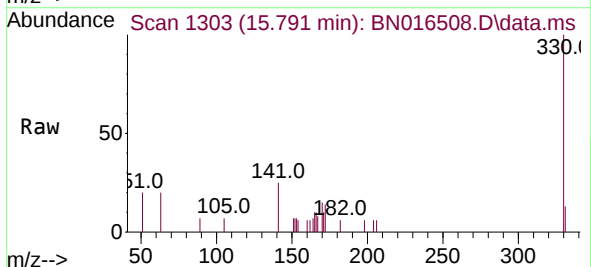
Instrument :  
BNA\_N  
ClientSampleId :

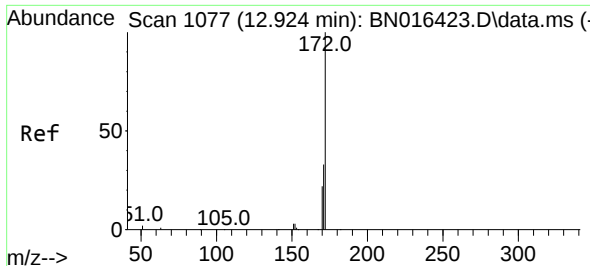
Tgt Ion:164 Resp: 9389  
Ion Ratio Lower Upper  
164 100  
162 103.2 79.0 118.4  
160 109.5 34.1 51.1#



#14  
2,4,6-Tribromophenol  
Concen: 0.464 ng  
RT: 15.791 min Scan# 1303  
Delta R.T. -0.000 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

Tgt Ion:330 Resp: 1183  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 43.5 25.0 37.4#

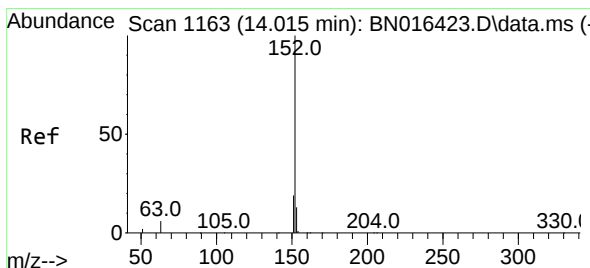
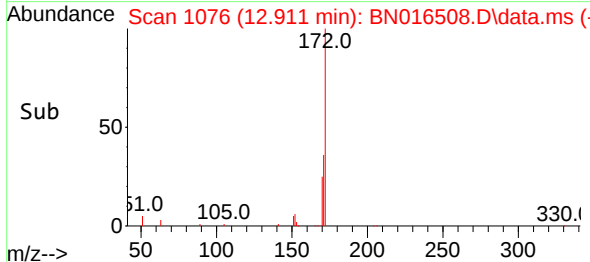
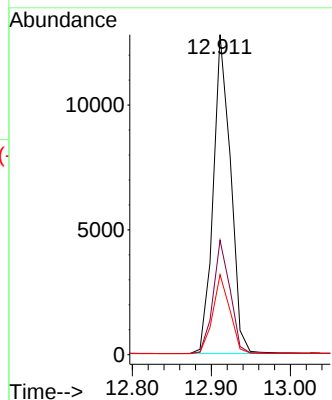
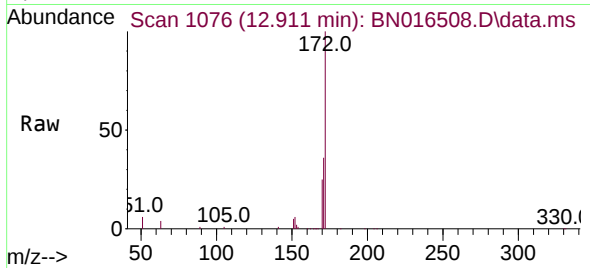




#15  
2-Fluorobiphenyl  
Concen: 0.494 ng  
RT: 12.911 min Scan# 1076  
Delta R.T. -0.013 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

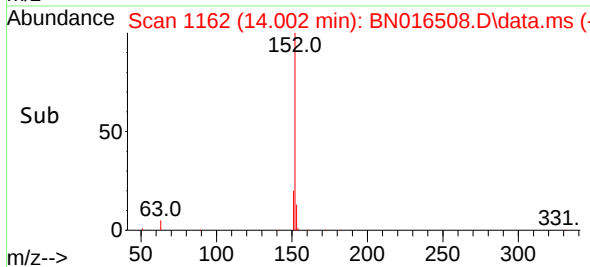
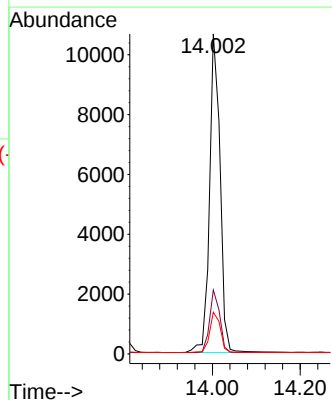
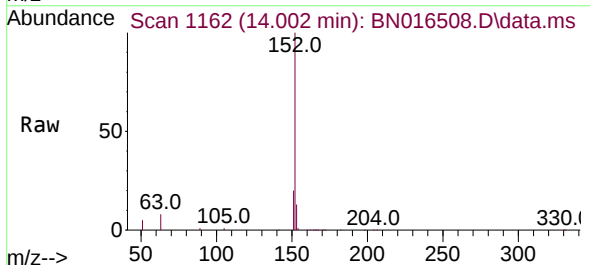
Instrument :  
BNA\_N  
ClientSampled :

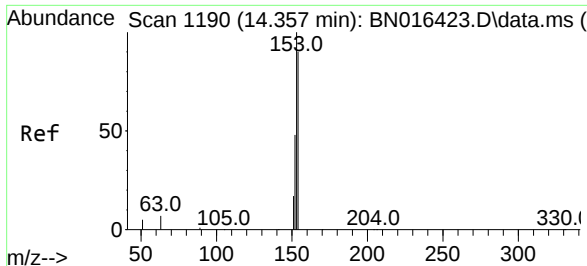
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 19478 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 35.8  | 27.8  | 41.6  |
| 170       | 25.0  | 18.2  | 27.2  |



#16  
Acenaphthylene  
Concen: 0.463 ng  
RT: 14.002 min Scan# 1162  
Delta R.T. -0.013 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 17678 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 18.9  | 15.2  | 22.8  |
| 153       | 12.9  | 10.5  | 15.7  |

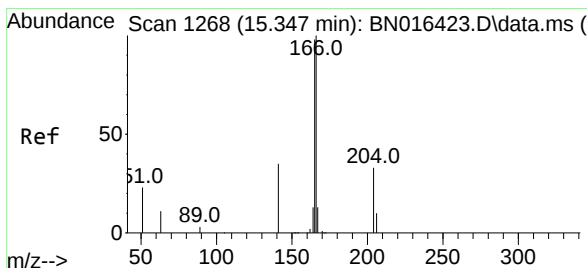
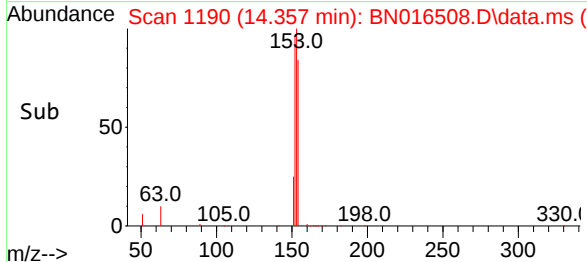
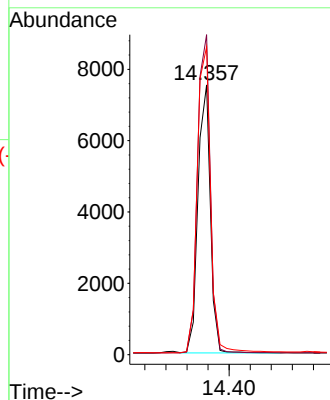
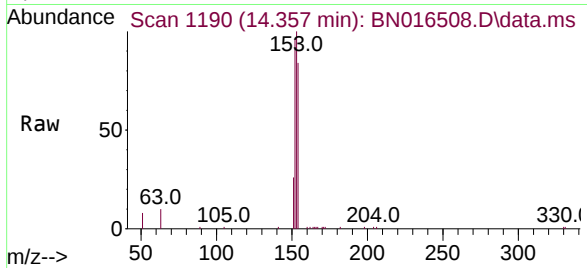




#17  
Acenaphthene  
Concen: 0.451 ng  
RT: 14.357 min Scan# 1190  
Delta R.T. -0.000 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

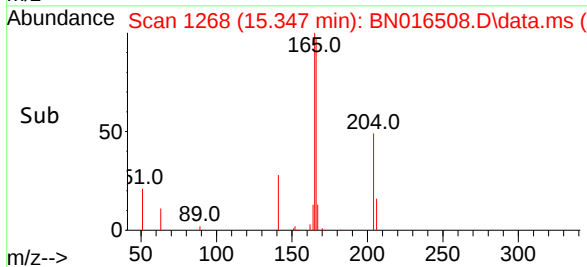
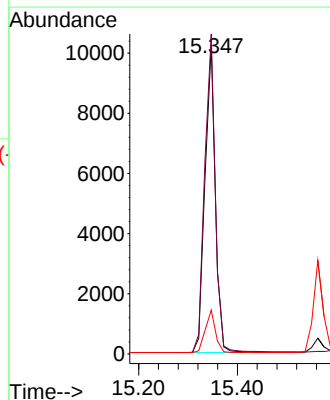
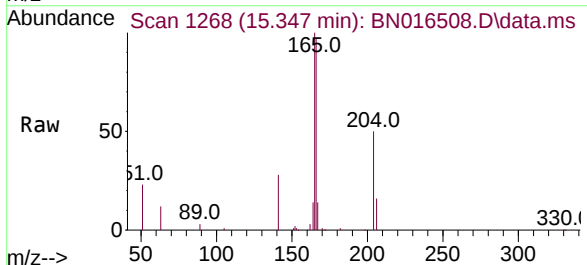
Instrument :  
BNA\_N  
ClientSampleId :

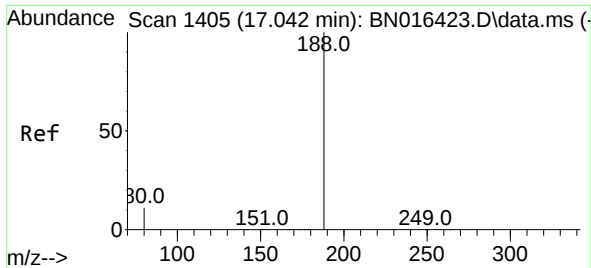
Tgt Ion:154 Resp: 12220  
Ion Ratio Lower Upper  
154 100  
153 123.4 89.3 133.9  
152 124.1 42.2 63.4#



#18  
Fluorene  
Concen: 0.459 ng  
RT: 15.347 min Scan# 1268  
Delta R.T. -0.000 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

Tgt Ion:166 Resp: 14957  
Ion Ratio Lower Upper  
166 100  
165 106.3 76.7 115.1  
167 13.6 10.9 16.3

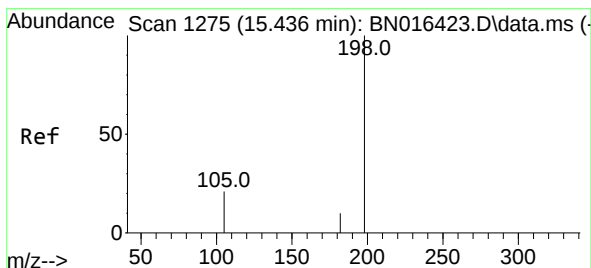
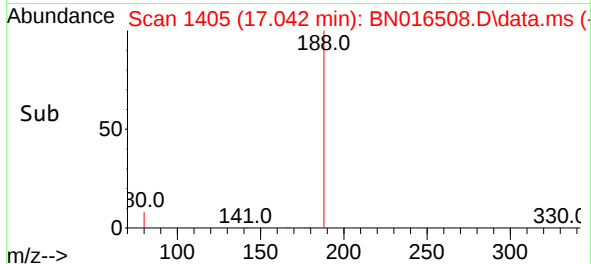
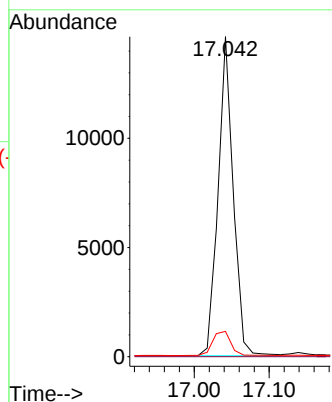
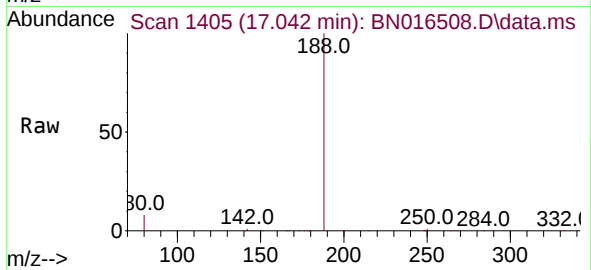




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.042 min Scan# 1405  
Delta R.T. -0.000 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

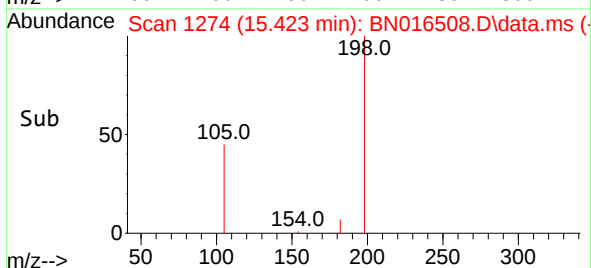
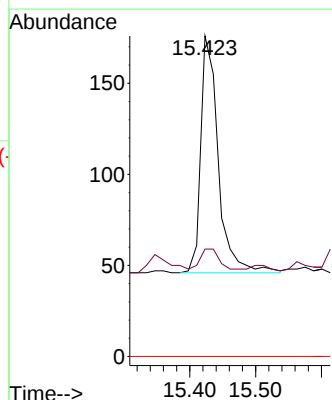
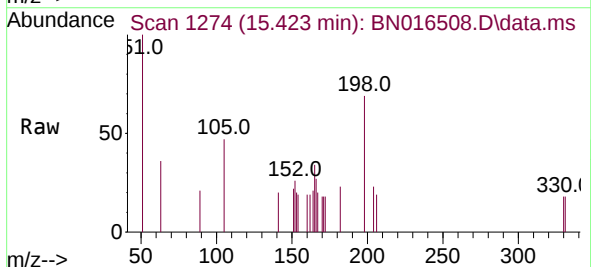
Instrument :  
BNA\_N  
ClientSampleId :

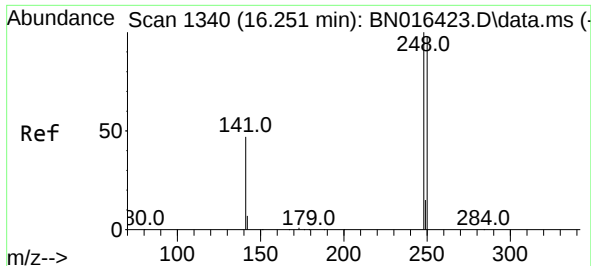
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 20481 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 7.9   | 7.0   | 10.6  |



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.249 ng  
RT: 15.423 min Scan# 1274  
Delta R.T. -0.013 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 198   | Resp: | 241  |
| Ion Ratio | Lower | Upper |      |
| 198       | 100   |       |      |
| 182       | 33.5  | 26.6  | 39.8 |
| 77        | 0.0   | 0.0   | 0.0  |

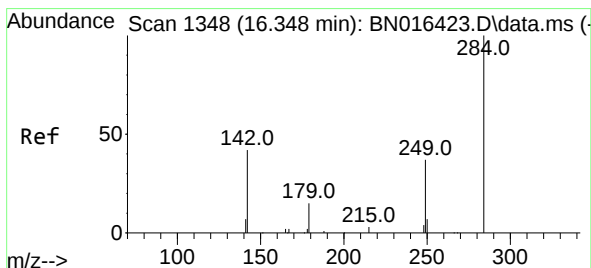
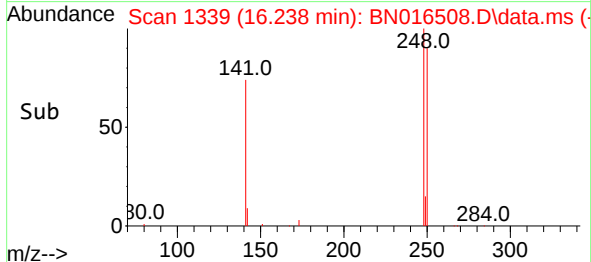
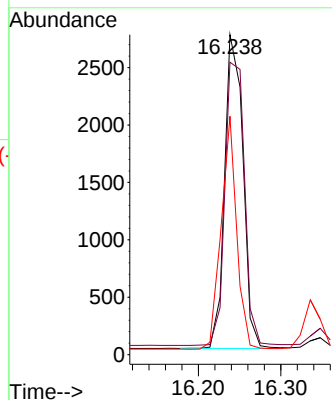
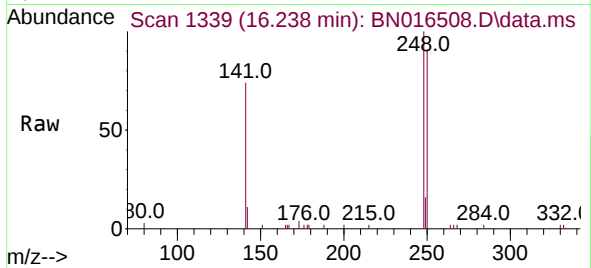




#21  
4-Bromophenyl-phenylether  
Concen: 0.353 ng  
RT: 16.238 min Scan# 1339  
Delta R.T. -0.012 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

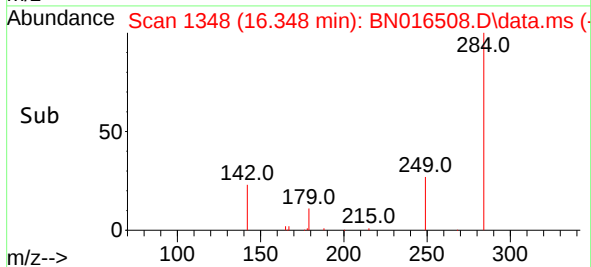
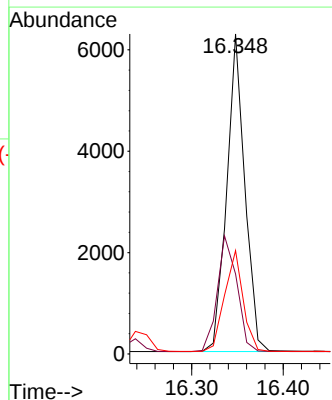
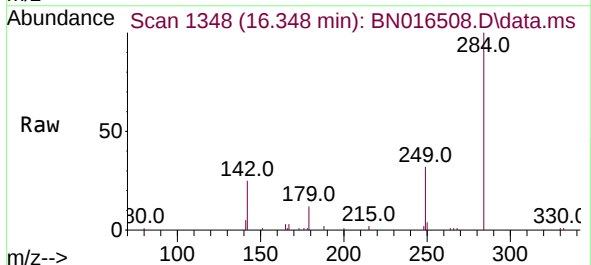
Instrument :  
BNA\_N  
ClientSampled :

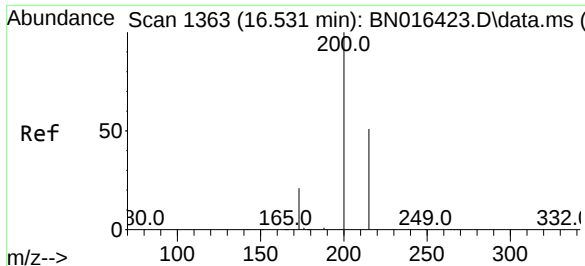
Tgt Ion:248 Resp: 4214  
Ion Ratio Lower Upper  
248 100  
250 91.4 80.5 120.7  
141 74.5 34.8 52.2#



#22  
Hexachlorobenzene  
Concen: 0.727 ng  
RT: 16.348 min Scan# 1348  
Delta R.T. -0.000 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

Tgt Ion:284 Resp: 8609  
Ion Ratio Lower Upper  
284 100  
142 39.4 22.6 34.0#  
249 32.5 24.4 36.6

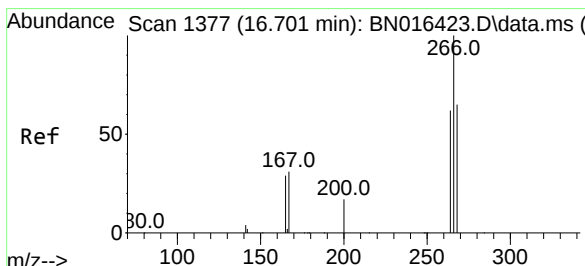
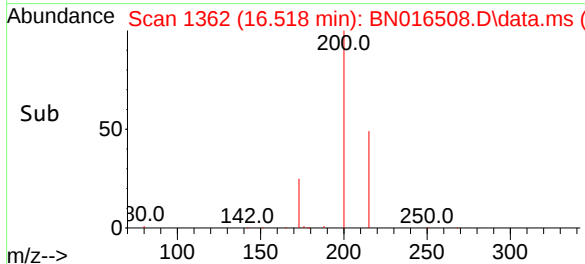
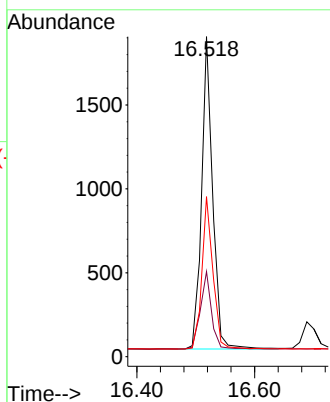
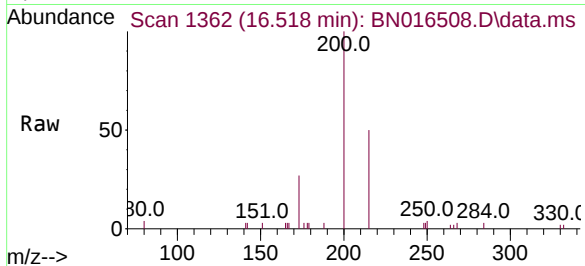




#23  
 Atrazine  
 Concen: 0.350 ng  
 RT: 16.518 min Scan# 1362  
 Delta R.T. -0.013 min  
 Lab File: BN016508.D  
 Acq: 26 Sep 2021 13:25

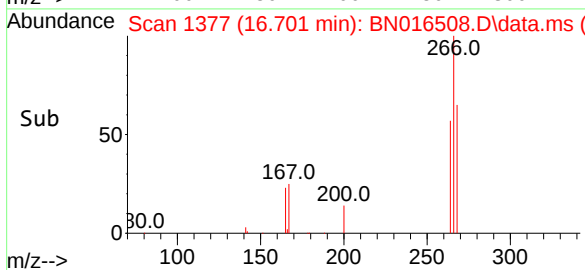
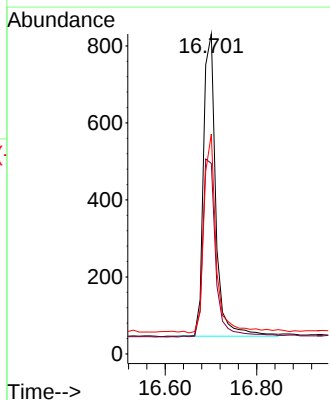
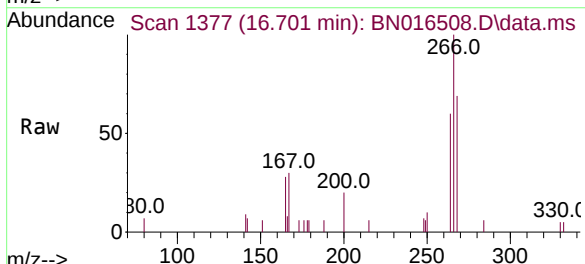
Instrument :  
 BNA\_N  
 ClientSampled :

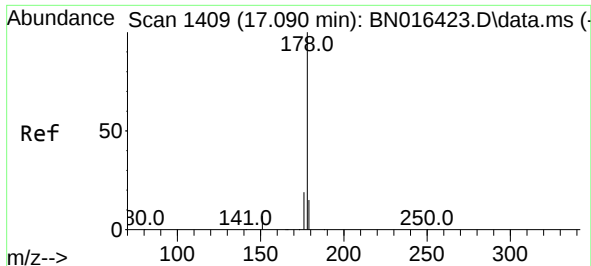
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 2435 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 26.6  | 18.7  | 28.1 |
| 215       | 50.0  | 41.6  | 62.4 |



#24  
 Pentachlorophenol  
 Concen: 0.485 ng  
 RT: 16.701 min Scan# 1377  
 Delta R.T. -0.000 min  
 Lab File: BN016508.D  
 Acq: 26 Sep 2021 13:25

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 1466 |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 62.6  | 50.6  | 75.8 |
| 268       | 65.0  | 52.6  | 79.0 |

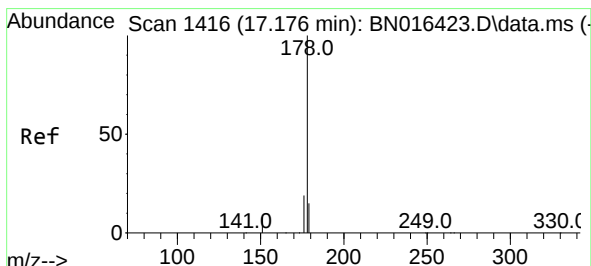
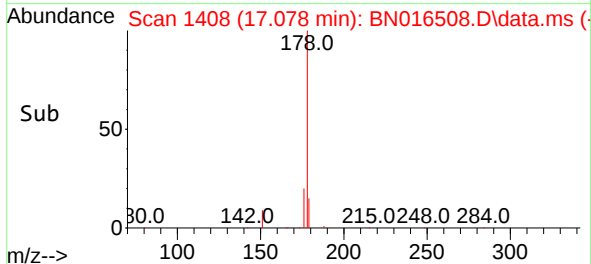
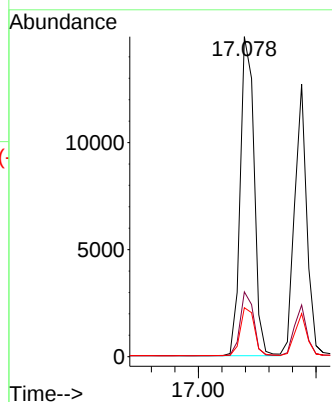
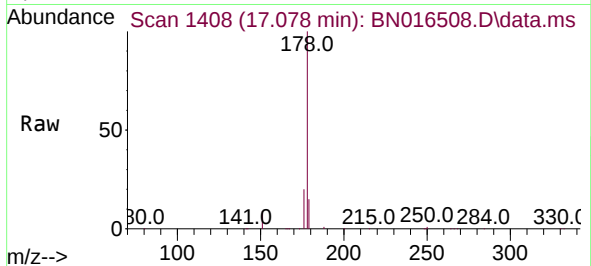




#25  
Phenanthrene  
Concen: 0.398 ng  
RT: 17.078 min Scan# 1408  
Delta R.T. -0.012 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

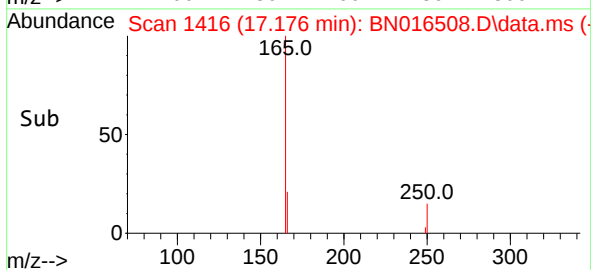
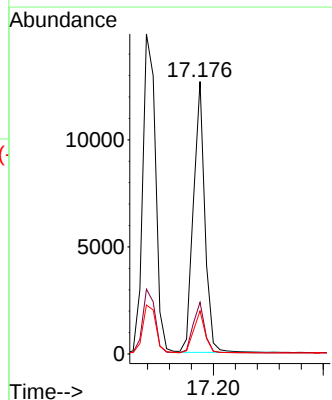
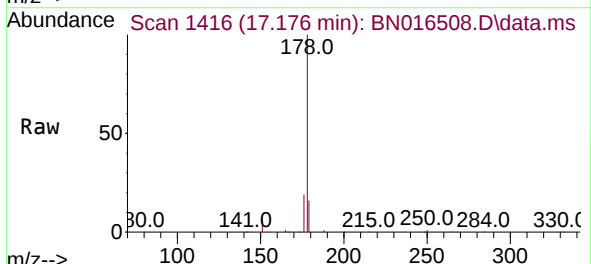
Instrument :  
BNA\_N  
ClientSampled :

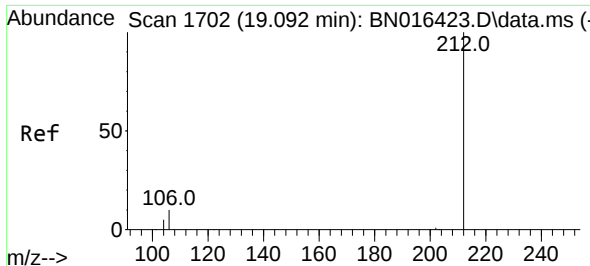
Tgt Ion:178 Resp: 24236  
Ion Ratio Lower Upper  
178 100  
176 19.4 14.4 21.6  
179 15.5 12.2 18.4



#26  
Anthracene  
Concen: 0.361 ng  
RT: 17.176 min Scan# 1416  
Delta R.T. -0.000 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

Tgt Ion:178 Resp: 18305  
Ion Ratio Lower Upper  
178 100  
176 18.8 13.9 20.9  
179 15.4 12.2 18.4

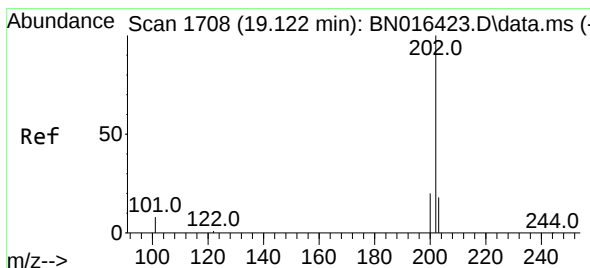
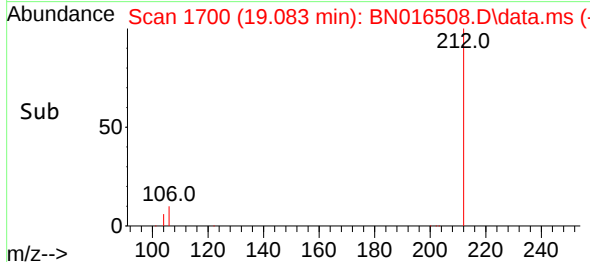
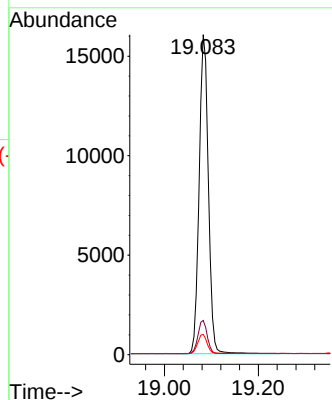
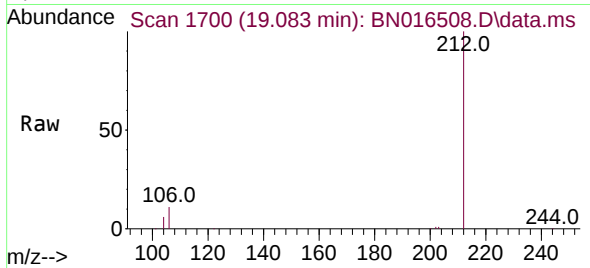




#27  
Fluoranthene-d10  
Concen: 0.387 ng  
RT: 19.083 min Scan# 1700  
Delta R.T. -0.010 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

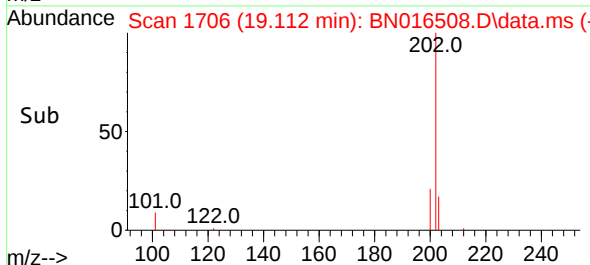
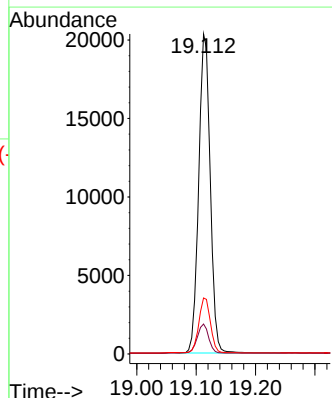
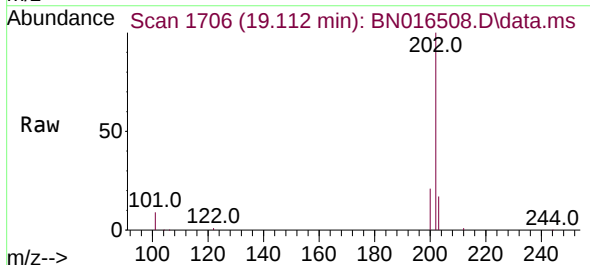
Instrument :  
BNA\_N  
ClientSampleId :

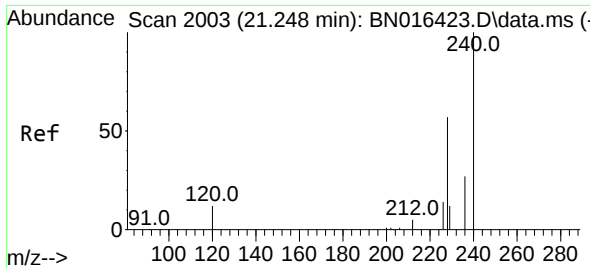
Tgt Ion:212 Resp: 21745  
Ion Ratio Lower Upper  
212 100  
106 10.5 9.8 14.6  
104 6.2 5.4 8.2



#28  
Fluoranthene  
Concen: 0.410 ng  
RT: 19.112 min Scan# 1706  
Delta R.T. -0.010 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

Tgt Ion:202 Resp: 27366  
Ion Ratio Lower Upper  
202 100  
101 9.2 8.5 12.7  
203 17.4 13.8 20.8

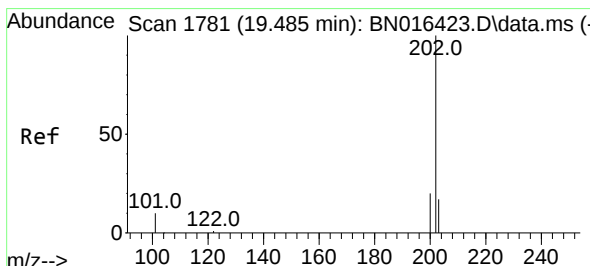
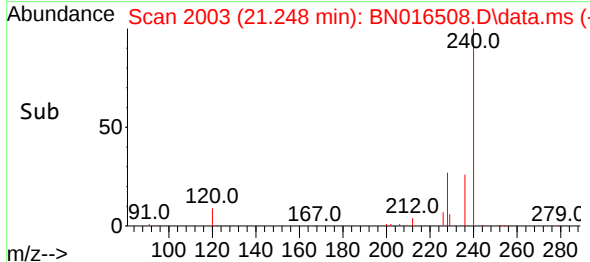
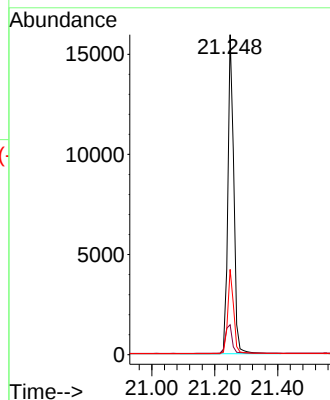
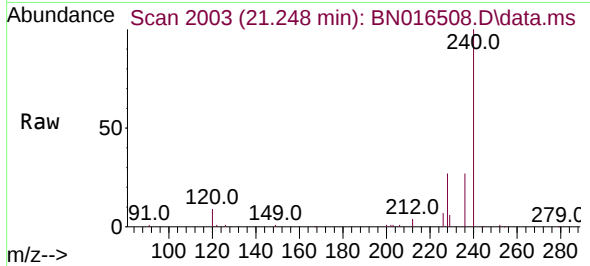




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.248 min Scan# 2003  
Delta R.T. -0.000 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

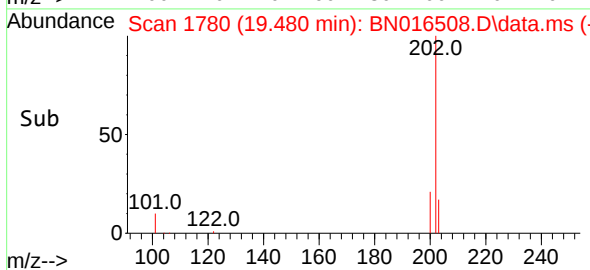
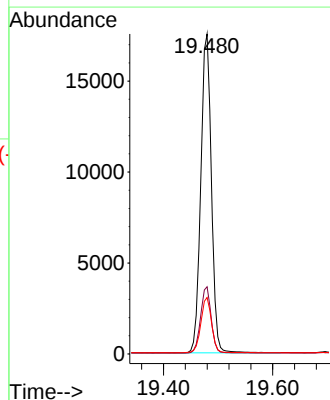
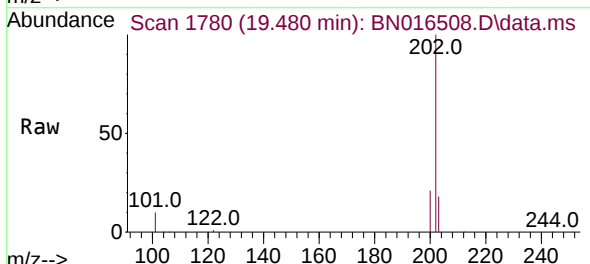
Instrument :  
BNA\_N  
ClientSampleId :

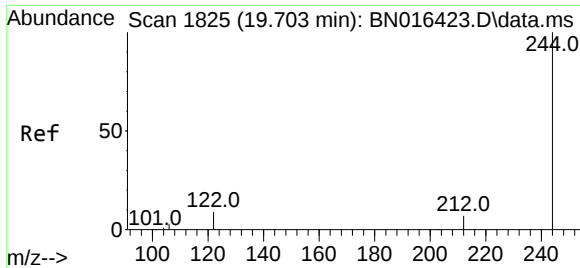
Tgt Ion:240 Resp: 20878  
Ion Ratio Lower Upper  
240 100  
120 9.4 5.3 7.9#  
236 26.6 19.8 29.8



#30  
Pyrene  
Concen: 0.363 ng  
RT: 19.480 min Scan# 1780  
Delta R.T. -0.005 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

Tgt Ion:202 Resp: 23731  
Ion Ratio Lower Upper  
202 100  
200 20.7 15.8 23.6  
203 17.5 13.9 20.9

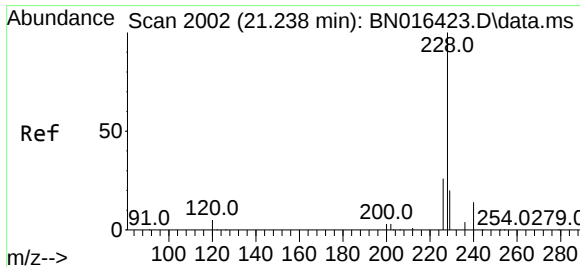
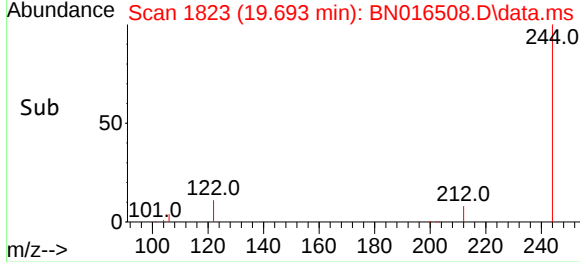
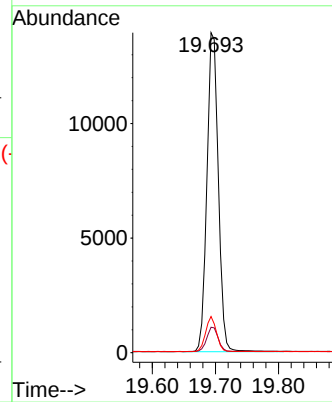
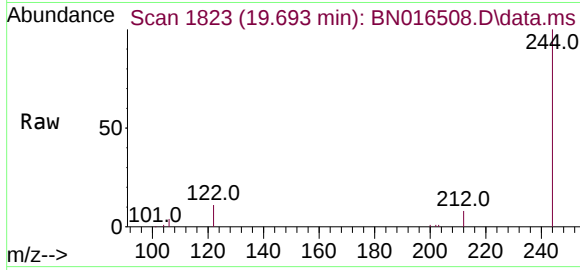




#31  
 Terphenyl-d14  
 Concen: 0.358 ng  
 RT: 19.693 min Scan# 1823  
 Delta R.T. -0.010 min  
 Lab File: BN016508.D  
 Acq: 26 Sep 2021 13:25

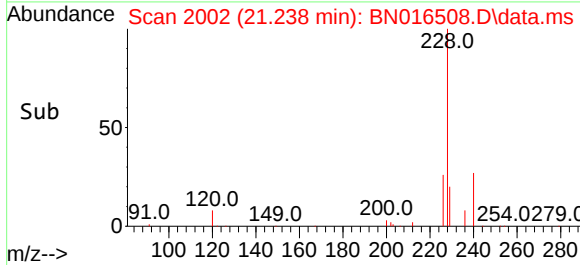
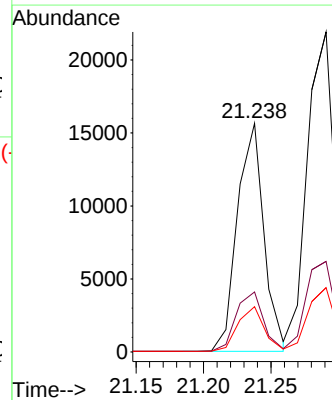
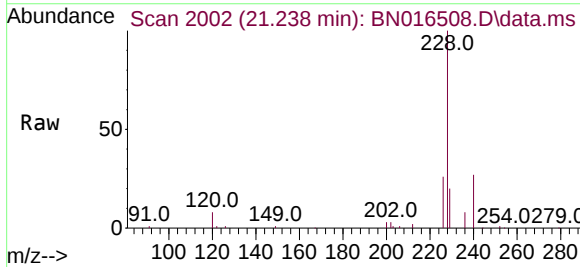
Instrument :  
 BNA\_N  
 ClientSampled :

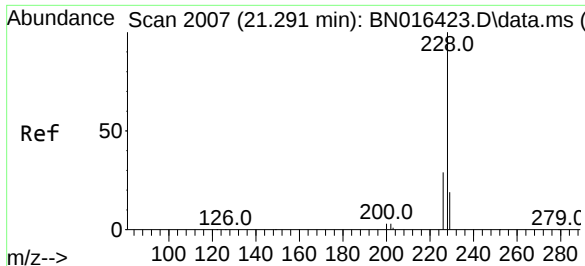
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:244 | Resp: | 17392    |
| Ion Ratio   | Lower | Upper    |
| 244         | 100   |          |
| 212         | 7.9   | 5.5 8.3  |
| 122         | 11.3  | 9.0 13.4 |



#32  
 Benzo(a)anthracene  
 Concen: 0.353 ng  
 RT: 21.238 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: BN016508.D  
 Acq: 26 Sep 2021 13:25

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:228 | Resp: | 21359     |
| Ion Ratio   | Lower | Upper     |
| 228         | 100   |           |
| 226         | 26.2  | 20.8 31.2 |
| 229         | 19.8  | 15.8 23.6 |

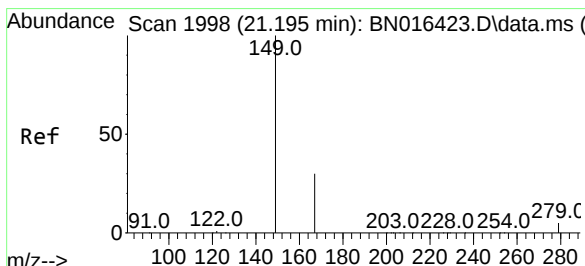
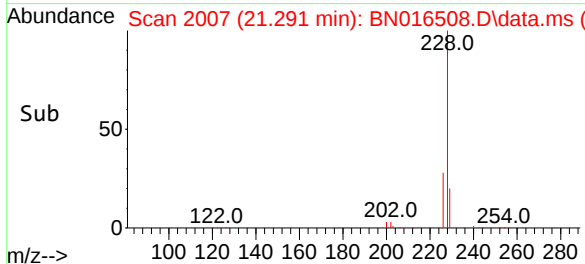
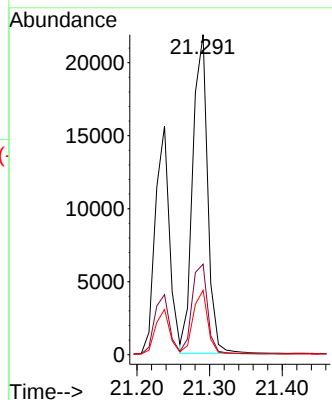
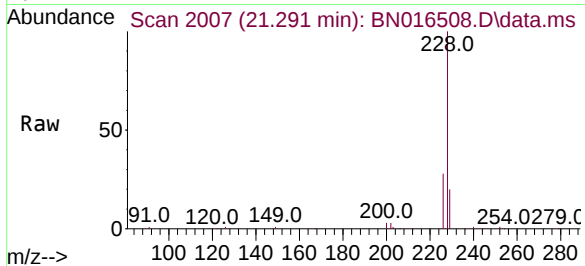




#33  
Chrysene  
Concen: 0.477 ng  
RT: 21.291 min Scan# 2007  
Delta R.T. -0.000 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

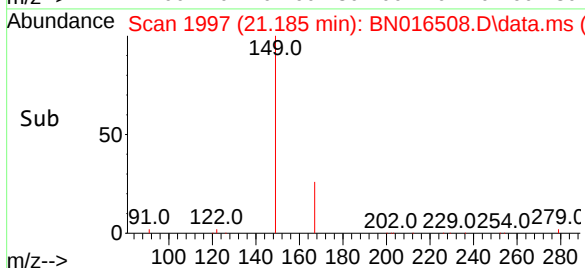
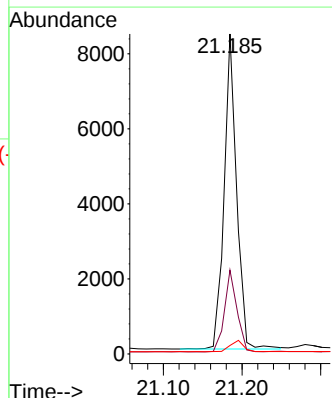
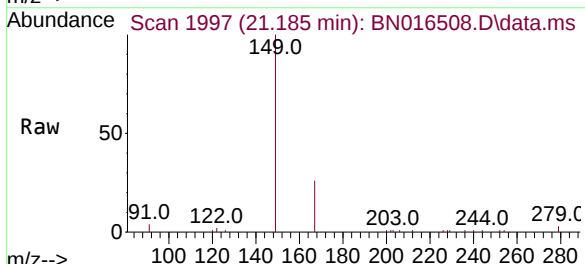
Instrument :  
BNA\_N  
ClientSampleId :

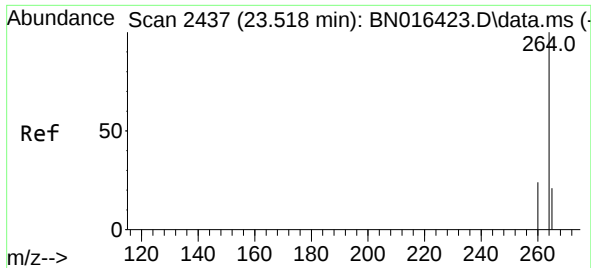
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 31049 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 28.3  | 23.0  | 34.4  |
| 229       | 20.1  | 15.6  | 23.4  |



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.558 ng  
RT: 21.185 min Scan# 1997  
Delta R.T. -0.011 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

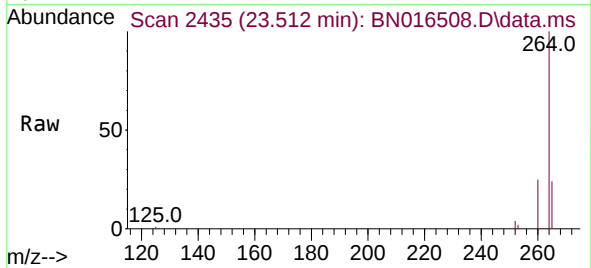
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 9210 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 25.9  | 23.4  | 35.0 |
| 279       | 3.7   | 3.9   | 5.9# |



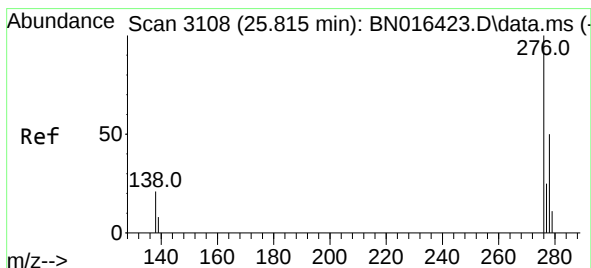
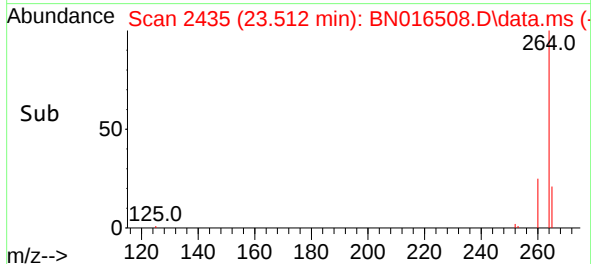
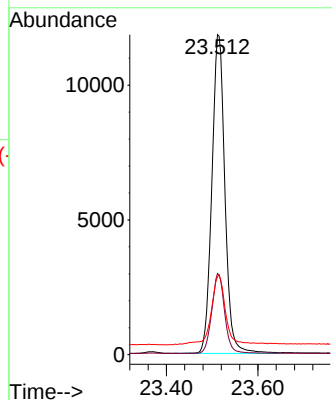


#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.512 min Scan# 2435  
 Delta R.T. -0.007 min  
 Lab File: BN016508.D  
 Acq: 26 Sep 2021 13:25

Instrument :  
 BNA\_N  
 ClientSampled :

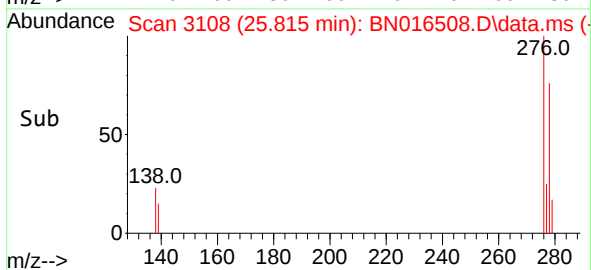
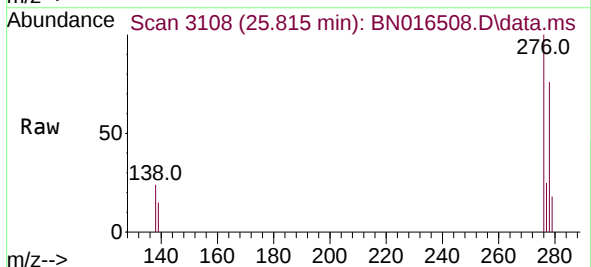
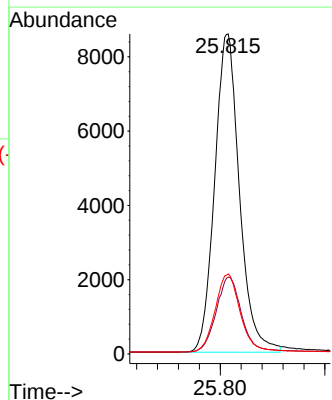


|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 23390     |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 25.4  | 18.9 28.3 |
| 265         | 24.4  | 23.7 35.5 |



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.371 ng  
 RT: 25.815 min Scan# 3108  
 Delta R.T. -0.000 min  
 Lab File: BN016508.D  
 Acq: 26 Sep 2021 13:25

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:276 | Resp: | 28155     |
| Ion Ratio   | Lower | Upper     |
| 276         | 100   |           |
| 138         | 23.9  | 19.3 28.9 |
| 277         | 24.9  | 20.2 30.2 |

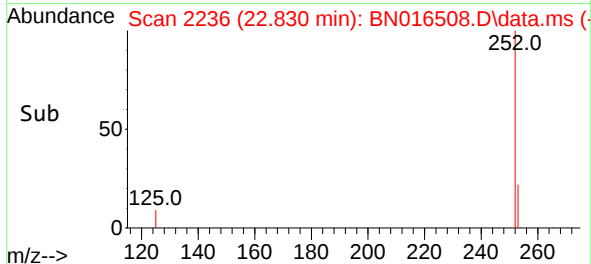
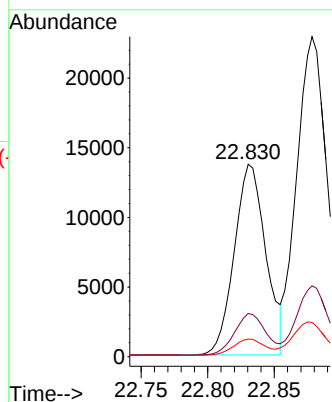
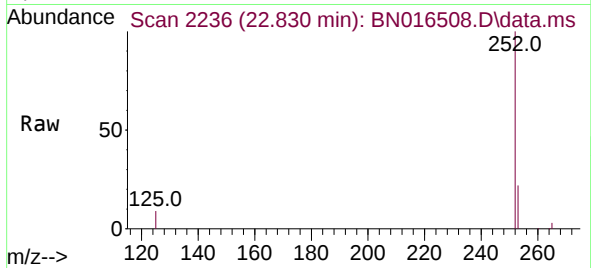




#37  
Benzo(b)fluoranthene  
Concen: 0.289 ng  
RT: 22.830 min Scan# 2236  
Delta R.T. -0.007 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

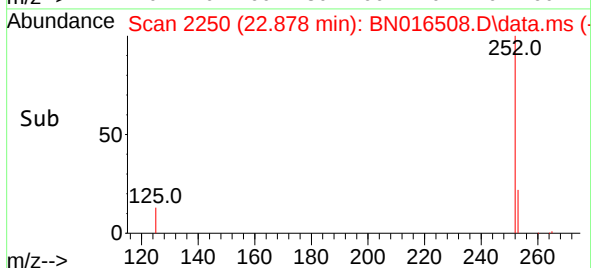
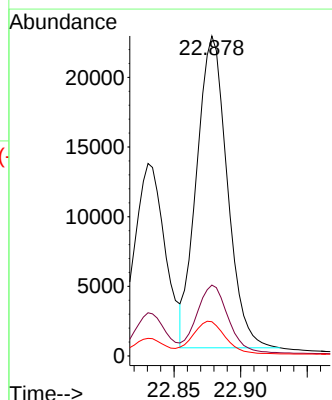
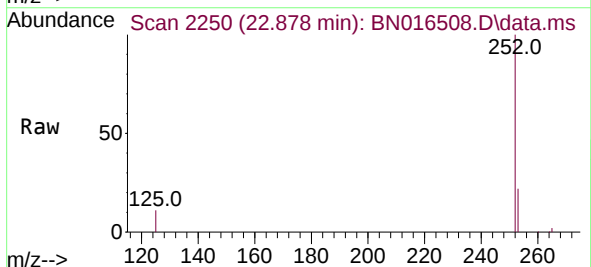
Instrument :  
BNA\_N  
ClientSampled :

Tgt Ion:252 Resp: 22568  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.2 27.2  
125 9.2 8.4 12.6



#38  
Benzo(k)fluoranthene  
Concen: 0.474 ng  
RT: 22.878 min Scan# 2250  
Delta R.T. -0.003 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

Tgt Ion:252 Resp: 35775  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.2 27.2  
125 10.7 8.2 12.4





#39

Benzo(a)pyrene

Concen: 0.302 ng

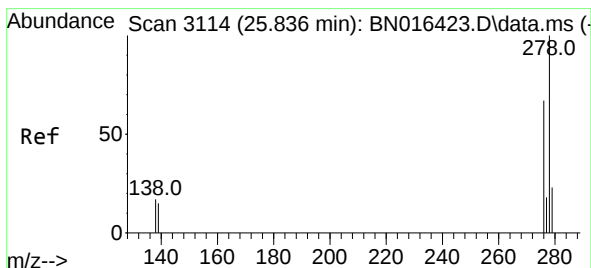
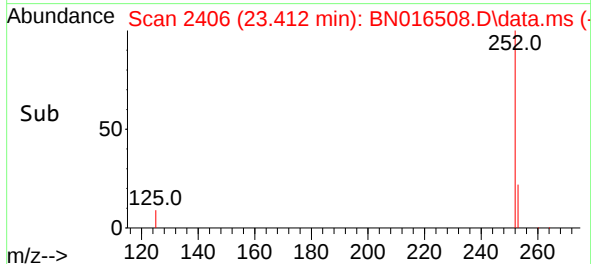
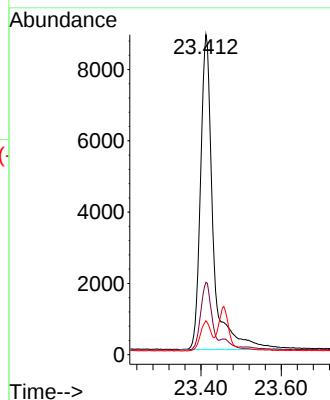
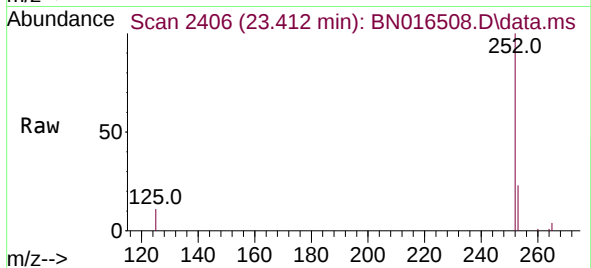
RT: 23.412 min Scan# 2406

Delta R.T. -0.007 min

Lab File: BN016508.D

Acq: 26 Sep 2021 13:25

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 19234     |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 22.6  | 18.7 28.1 |
| 125         | 10.6  | 9.9 14.9  |



#40

Dibenzo(a,h)anthracene

Concen: 0.383 ng

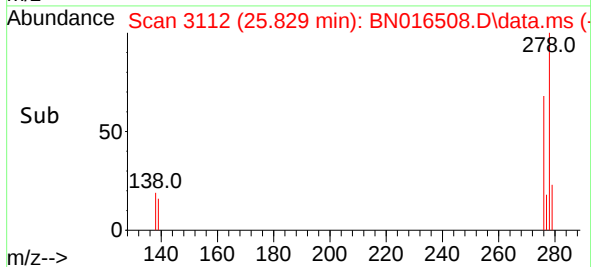
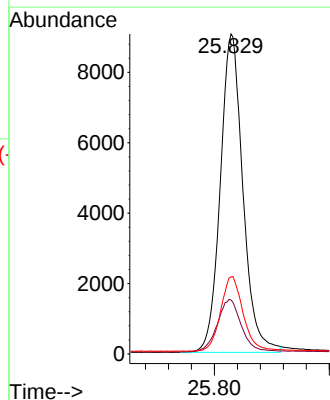
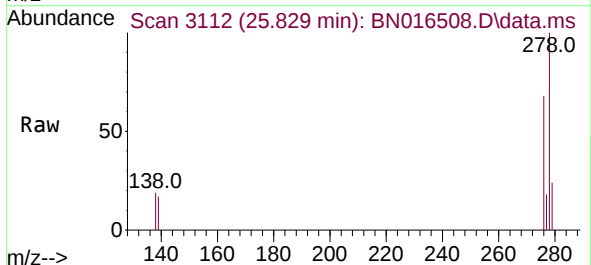
RT: 25.829 min Scan# 3112

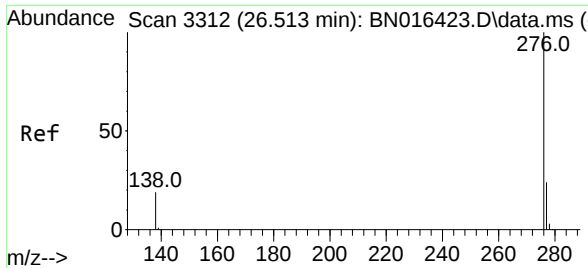
Delta R.T. -0.007 min

Lab File: BN016508.D

Acq: 26 Sep 2021 13:25

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:278 | Resp: | 24738     |
| Ion Ratio   | Lower | Upper     |
| 278         | 100   |           |
| 139         | 16.9  | 14.2 21.2 |
| 279         | 24.1  | 21.3 31.9 |





#41  
Benzo(g,h,i)perylene  
Concen: 0.260 ng  
RT: 26.503 min Scan# 3309  
Delta R.T. -0.010 min  
Lab File: BN016508.D  
Acq: 26 Sep 2021 13:25

Instrument :  
BNA\_N  
ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 17206 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 24.5  | 20.5  | 30.7  |
| 138       | 20.2  | 18.2  | 27.4  |

