

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032321\  
 Data File : BN014041.D  
 Acq On : 23 Mar 2021 14:17  
 Operator : CG/JU  
 Sample : M1735-04MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE134D1-20210315MSD

Manual Integrations  
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Quant Time: Mar 23 14:47:02 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN032021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 23 11:06:27 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.700  | 152  | 5543     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.467 | 136  | 21157    | 0.40 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.321 | 164  | 12210    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.067 | 188  | 26472    | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.237 | 240  | 26160    | 0.40 | ng    | 0.00     |
| 36) Perylene-d12              | 23.445 | 264  | 25170    | 0.40 | ng    | # 0.00   |
|                               |        |      |          |      |       |          |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.300  | 112  | 1808     | 0.14 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.863  | 99   | 1443     | 0.09 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.845  | 82   | 4071     | 0.29 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.062 | 152  | 10440    | 0.32 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.818 | 330  | 1272     | 0.32 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.938 | 172  | 13687    | 0.30 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.091 | 212  | 29361    | 0.40 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.692 | 244  | 28348    | 0.49 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.239  | 88   | 5111     | 0.70 | ng    | # 73     |
| 3) n-Nitrosodimethylamine     | 3.569  | 42   | 848      | 0.17 | ng    | # 89     |
| 6) bis(2-Chloroethyl)ether    | 7.128  | 93   | 5074     | 0.36 | ng    | 94       |
| 9) Naphthalene                | 10.518 | 128  | 17554    | 0.33 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.809 | 225  | 2671     | 0.27 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.137 | 142  | 11648    | 0.33 | ng    | 98       |
| 16) Acenaphthylene            | 14.042 | 152  | 15656    | 0.33 | ng    | 100      |
| 17) Acenaphthene              | 14.384 | 154  | 11278    | 0.33 | ng    | 99       |
| 18) Fluorene                  | 15.374 | 166  | 14449    | 0.33 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.450 | 198  | 866      | 0.29 | ng    | 89       |
| 21) 4-Bromophenyl-phenylether | 16.264 | 248  | 4826     | 0.36 | ng    | # 86     |
| 22) Hexachlorobenzene         | 16.373 | 284  | 5100     | 0.33 | ng    | 100      |
| 23) Atrazine                  | 16.532 | 200  | 2905     | 0.31 | ng    | 99       |
| 24) Pentachlorophenol         | 16.714 | 266  | 2553     | 0.69 | ng    | 96       |
| 25) Phenanthrene              | 17.103 | 178  | 31604    | 0.44 | ng    | 100      |
| 26) Anthracene                | 17.189 | 178  | 24190    | 0.41 | ng    | 100      |
| 28) Fluoranthene              | 19.121 | 202  | 37319    | 0.46 | ng    | 99       |
| 30) Pyrene                    | 19.483 | 202  | 38176    | 0.48 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.226 | 228  | 33549    | 0.45 | ng    | 100      |
| 33) Chrysene                  | 21.268 | 228  | 35342    | 0.44 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.162 | 149  | 13173    | 0.47 | ng    | 98       |
| 35) Indeno(1,2,3-cd)pyrene    | 25.653 | 276  | 38516    | 0.44 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.785 | 252  | 37251    | 0.41 | ng    | # 97     |
| 38) Benzo(k)fluoranthene      | 22.829 | 252  | 35567m   | 0.40 | ng    |          |
| 39) Benzo(a)pyrene            | 23.349 | 252  | 30678    | 0.39 | ng    | # 96     |
| 40) Dibenzo(a,h)anthracene    | 25.670 | 278  | 31933    | 0.38 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.327 | 276  | 31335    | 0.36 | ng    | 98       |
| -----                         |        |      |          |      |       |          |

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

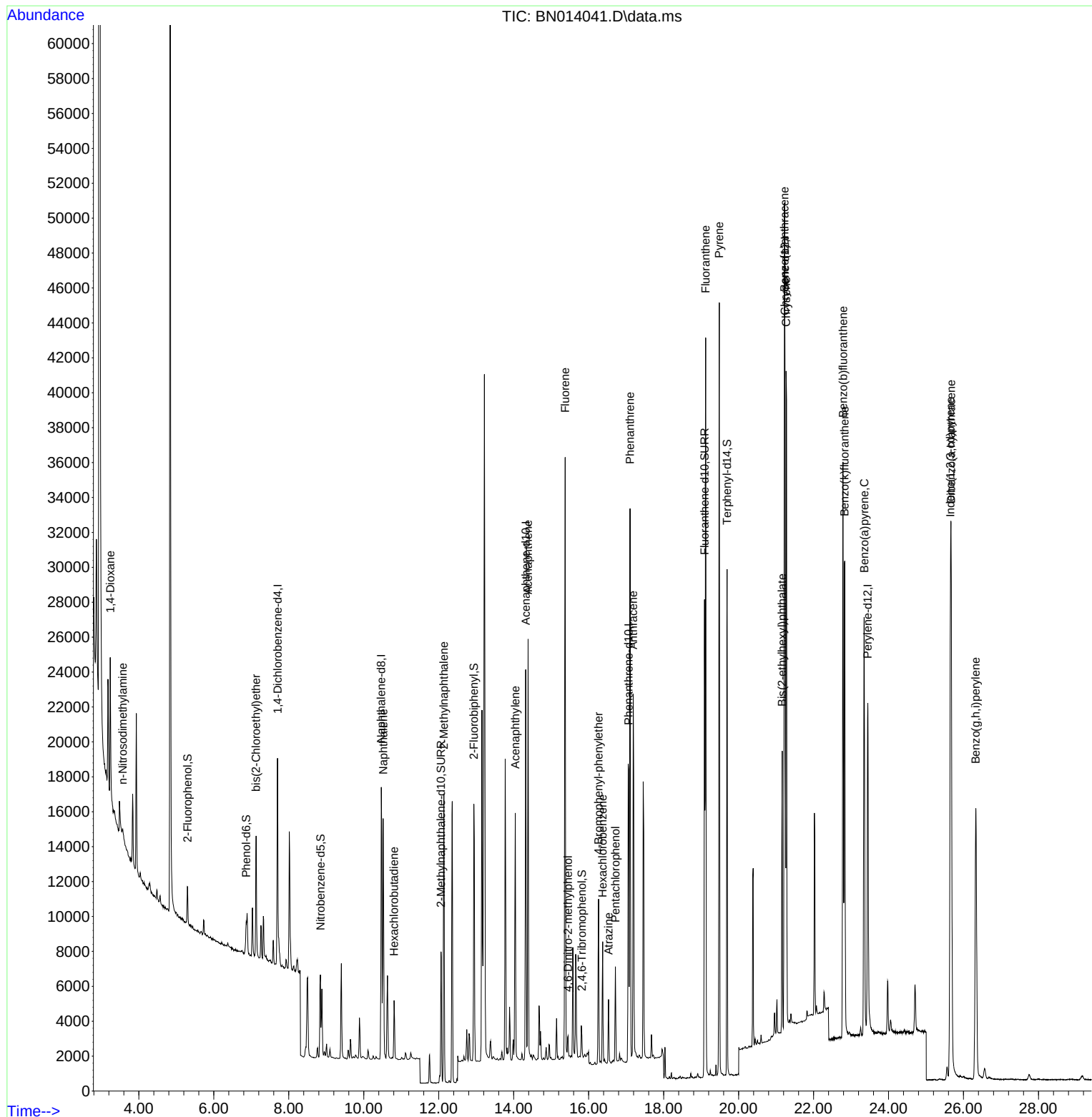
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032321\  
 Data File : BN014041.D  
 Acq On : 23 Mar 2021 14:17  
 Operator : CG/JU  
 Sample : M1735-04MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

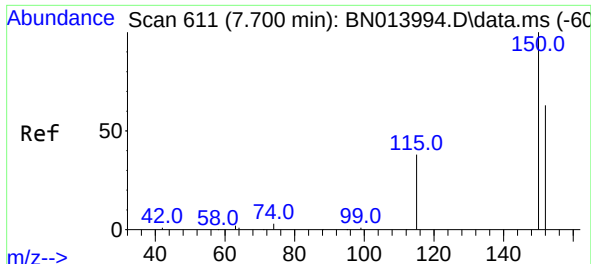
Instrument :  
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 ClientSampleId :  
 RE134D1-20210315MSD

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 23 11:06:27 2021  
 Response via : Initial Calibration





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.700 min Scan# 611  
 Delta R.T. 0.000 min  
 Lab File: BN014041.D  
 Acq: 23 Mar 2021 14:17

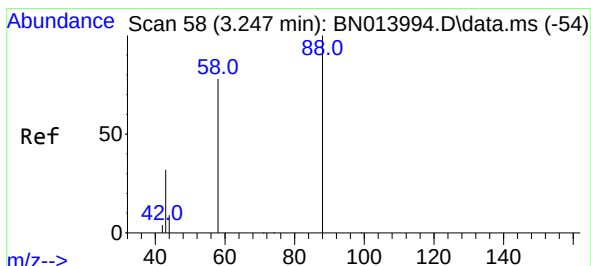
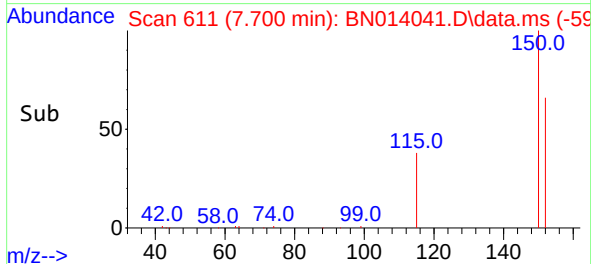
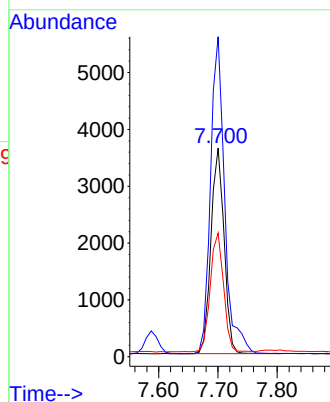
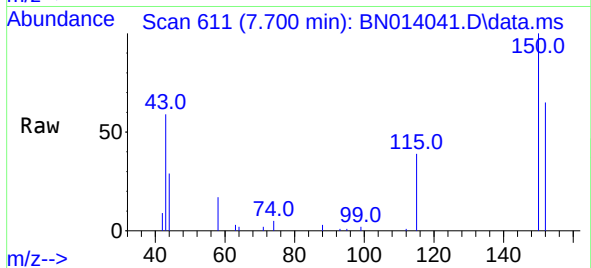
Tgt Ion: 152 Resp: 5543

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 153.5 | 121.8 | 182.8 |
| 115 | 59.3  | 46.6  | 69.8  |

Instrument :  
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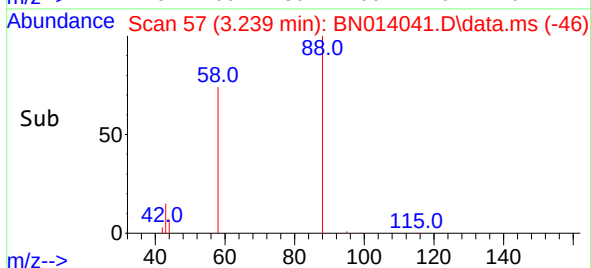
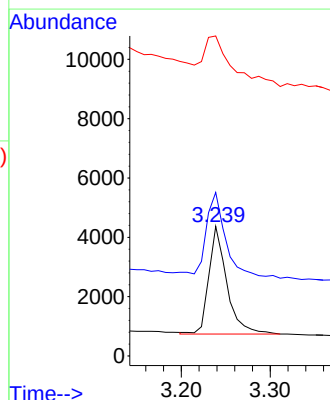
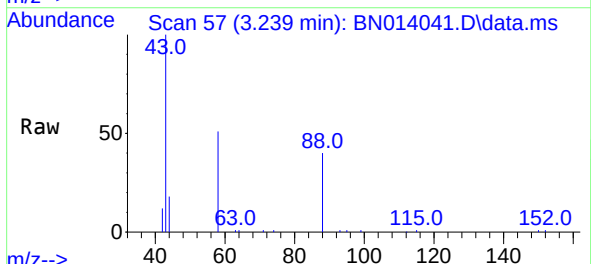
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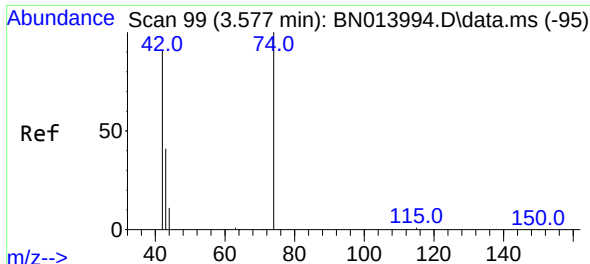


#2  
 1,4-Dioxane  
 Concen: 0.70 ng  
 RT: 3.239 min Scan# 57  
 Delta R.T. -0.008 min  
 Lab File: BN014041.D  
 Acq: 23 Mar 2021 14:17

Tgt Ion: 88 Resp: 5111

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 58  | 87.8  | 64.6  | 96.8  |
| 43  | 75.3  | 26.6  | 40.0  |





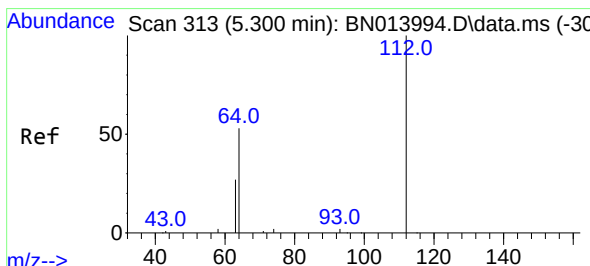
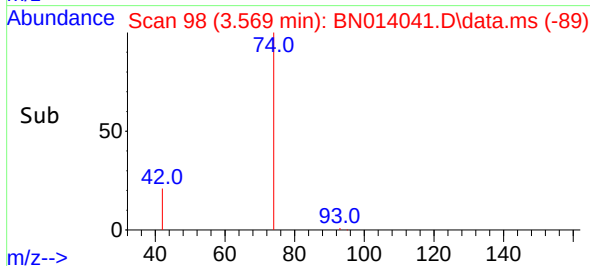
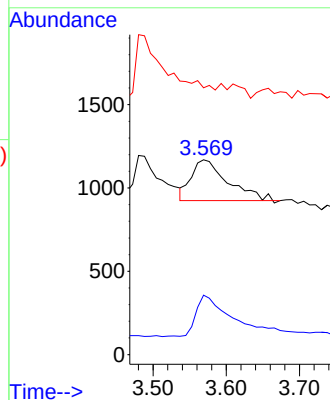
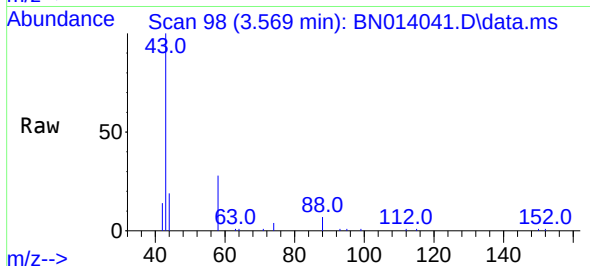
#3  
n-Nitrosodimethylamine  
Concen: 0.17 ng  
RT: 3.569 min Scan# 98  
Delta R.T. -0.024 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17

Tgt Ion: 42 Resp: 848  
Ion Ratio Lower Upper  
42 100  
74 107.1 95.0 142.6  
44 0.0 5.8 8.8#

Instrument :  
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ClientSampleId :  
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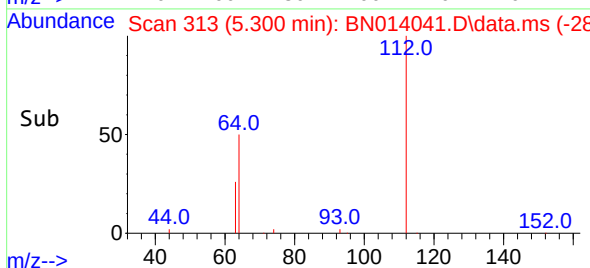
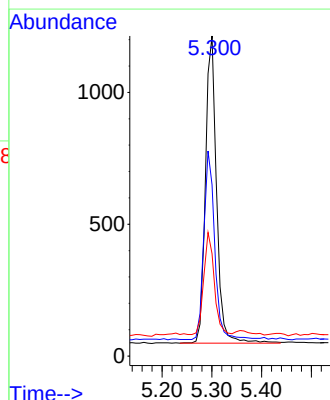
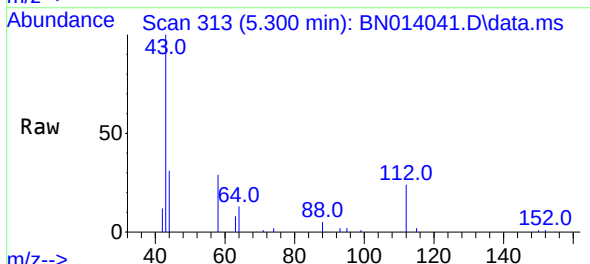
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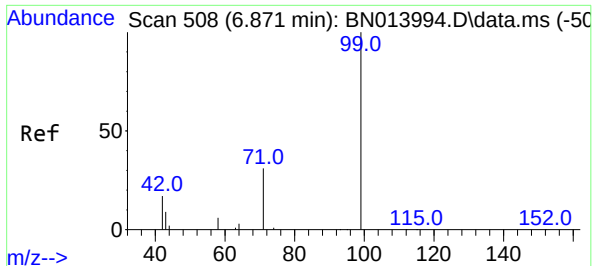
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#4  
2-Fluorophenol  
Concen: 0.14 ng  
RT: 5.300 min Scan# 313  
Delta R.T. 0.008 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17

Tgt Ion: 112 Resp: 1808  
Ion Ratio Lower Upper  
112 100  
64 60.1 44.3 66.5  
63 32.7 23.0 34.6





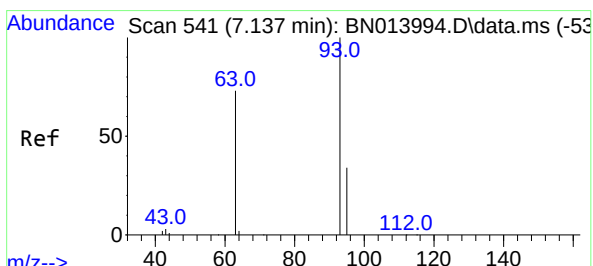
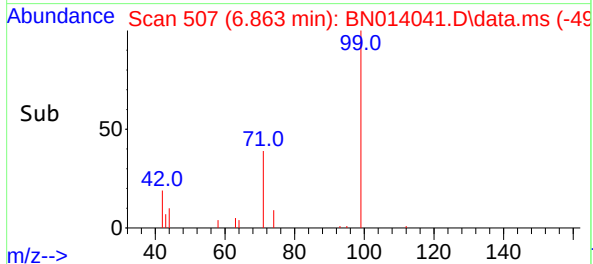
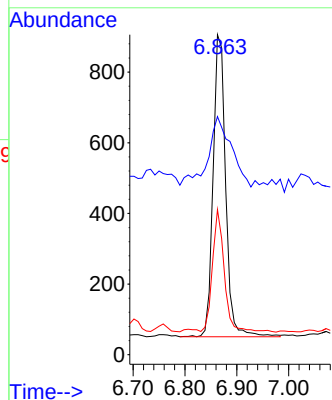
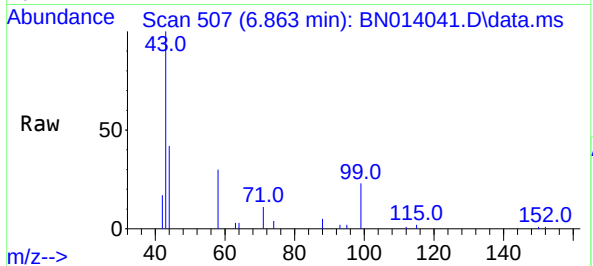
#5  
Phenol-d6  
Concen: 0.09 ng  
RT: 6.863 min Scan# 507  
Delta R.T. 0.000 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17

Tgt Ion: 99 Resp: 1443  
Ion Ratio Lower Upper  
99 100  
42 43.5 15.2 22.8#  
71 38.5 26.1 39.1

Instrument :  
BNA\_N  
ClientSampleId :  
RE134D1-20210315MSD

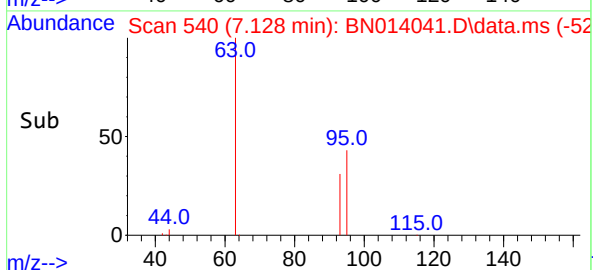
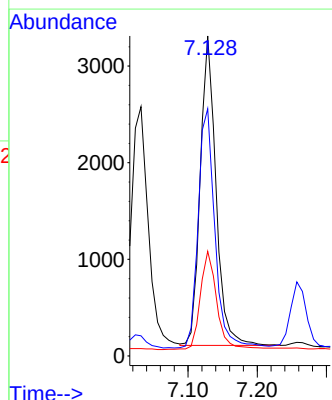
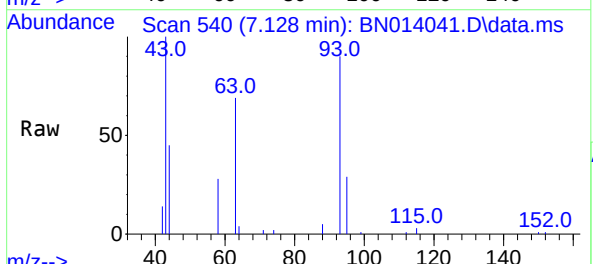
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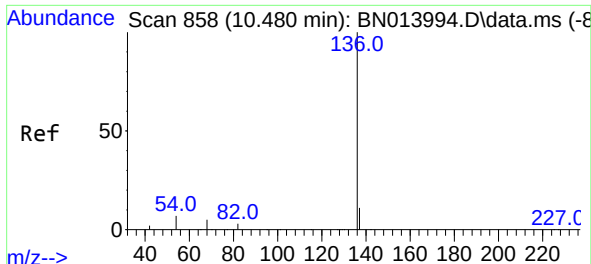
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#6  
bis(2-Chloroethyl)ether  
Concen: 0.36 ng  
RT: 7.128 min Scan# 540  
Delta R.T. 0.000 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17

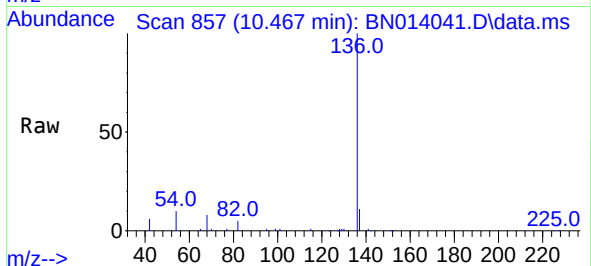
Tgt Ion: 93 Resp: 5074  
Ion Ratio Lower Upper  
93 100  
63 82.4 60.8 91.2  
95 33.4 26.0 39.0





#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.467 min Scan# 857  
Delta R.T. -0.012 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17

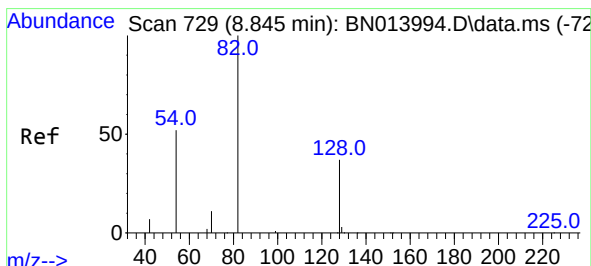
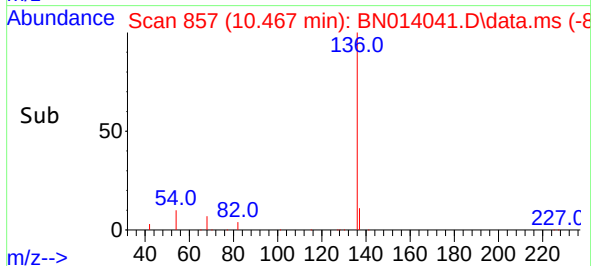
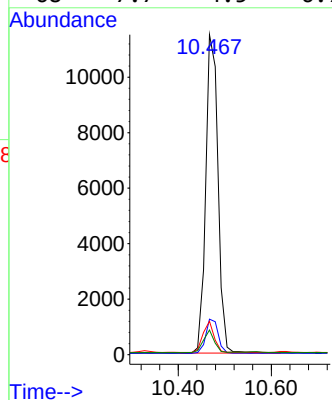
Instrument :  
BNA\_N  
ClientSampleId :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 21157 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.1  | 9.0   | 13.6  |
| 54       | 10.5  | 6.4   | 9.6#  |
| 68       | 7.7   | 4.5   | 6.7#  |

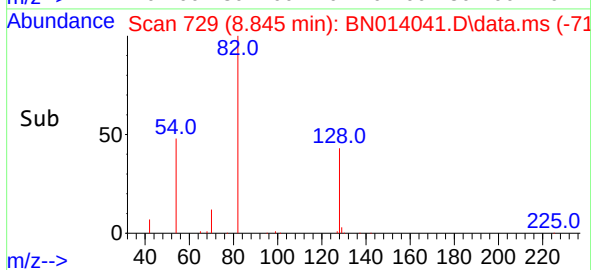
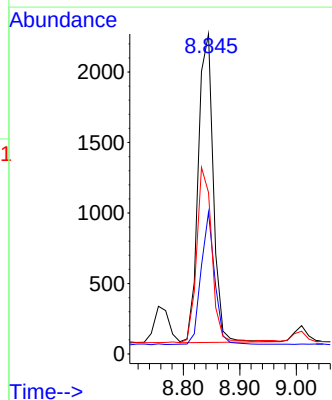
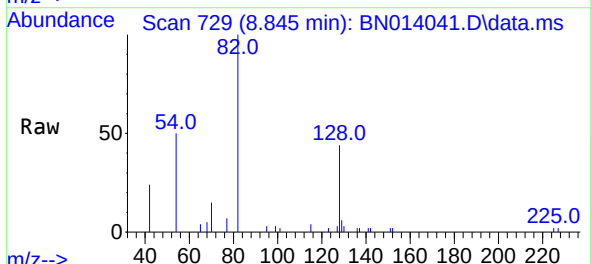
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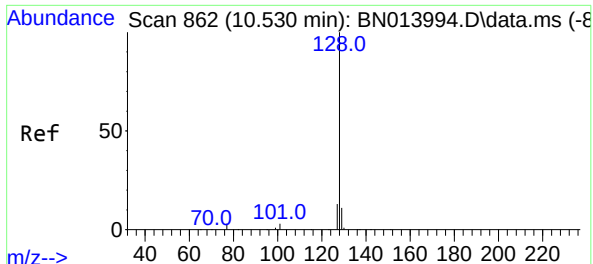
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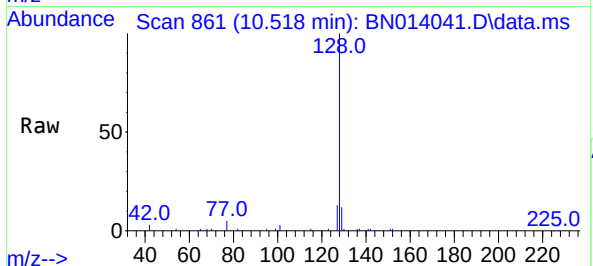
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Nitrobenzene-d5  
Concen: 0.29 ng  
RT: 8.845 min Scan# 729  
Delta R.T. 0.000 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 4071  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 44.3  | 39.2  | 58.8  |
| 54       | 50.4  | 40.1  | 60.1  |

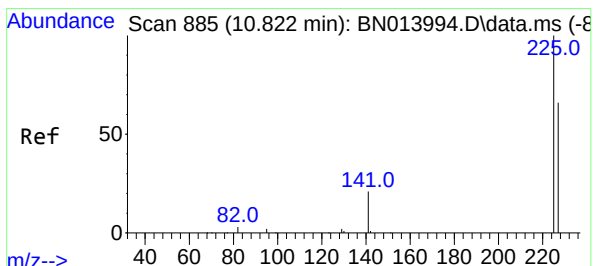
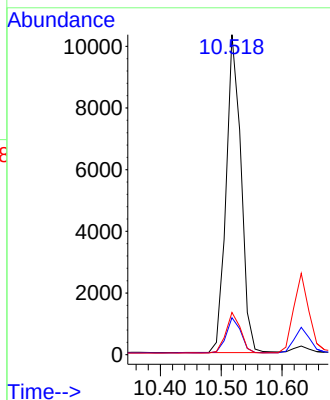
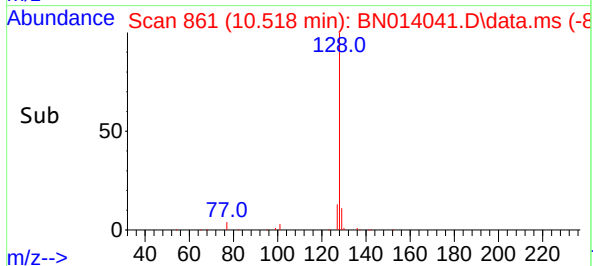




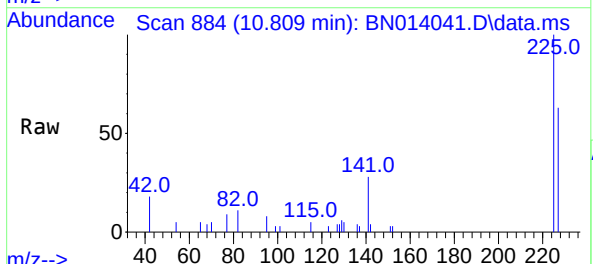
#9  
Naphthalene  
Concen: 0.33 ng  
RT: 10.518 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17



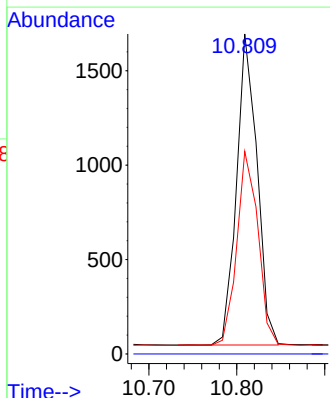
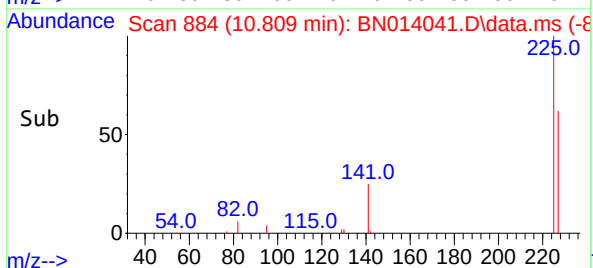
Tgt Ion:128 Resp: 17554  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.0 13.4  
127 13.2 10.4 15.6



#10  
Hexachlorobutadiene  
Concen: 0.27 ng  
RT: 10.809 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17



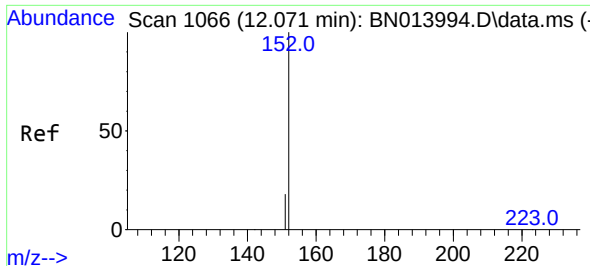
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Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.2 51.2 76.8



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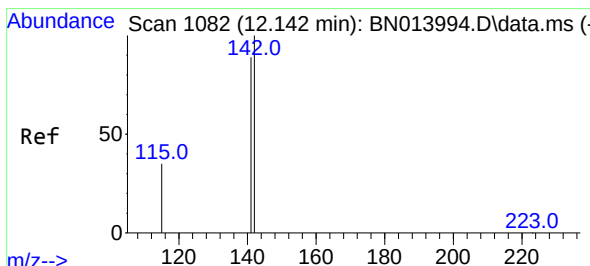
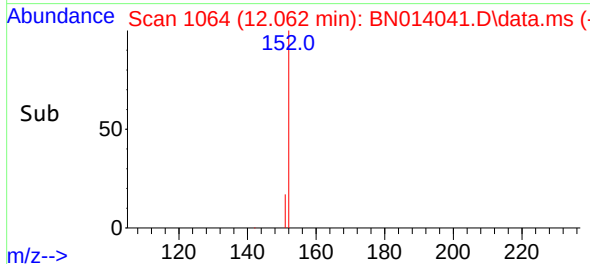
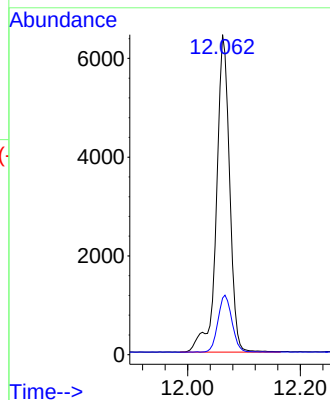
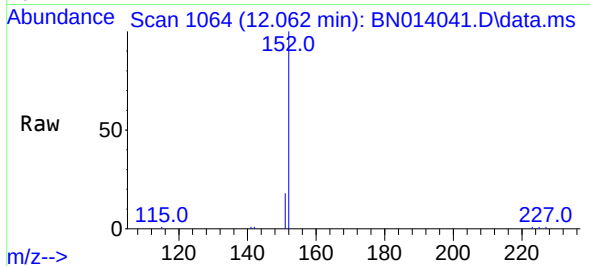
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2-Methylnaphthalene-d10  
Concen: 0.32 ng  
RT: 12.062 min Scan# 1064  
Delta R.T. -0.004 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17

Tgt Ion:152 Resp: 10440  
Ion Ratio Lower Upper  
152 100  
151 18.9 16.2 24.2

Instrument :  
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ClientSampleId :  
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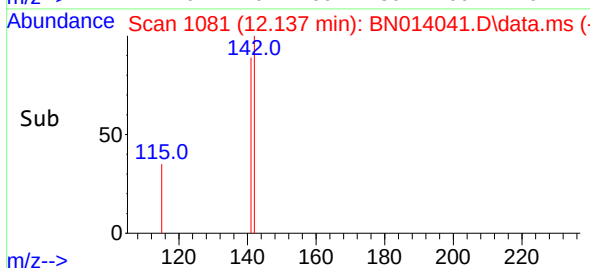
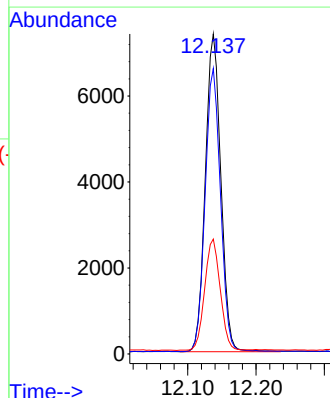
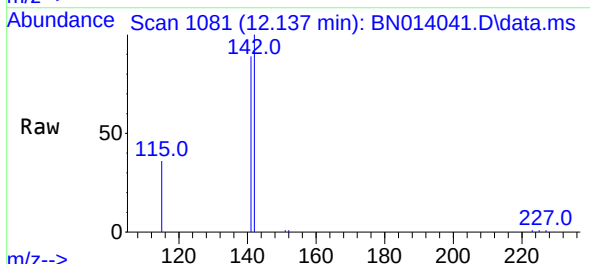
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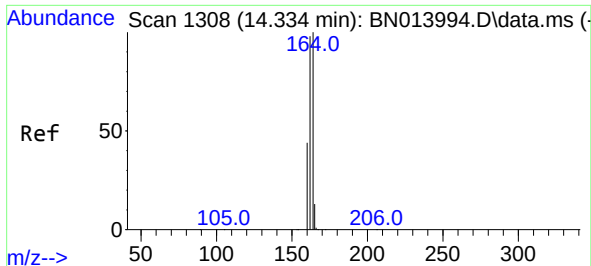


#12  
2-Methylnaphthalene  
Concen: 0.33 ng  
RT: 12.137 min Scan# 1081  
Delta R.T. 0.000 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17

Tgt Ion:142 Resp: 11648  
Ion Ratio Lower Upper  
142 100  
141 89.2 70.5 105.7  
115 35.9 27.4 41.0







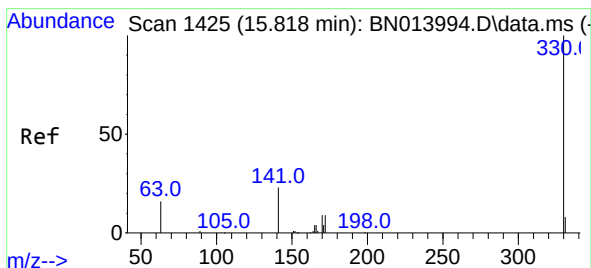
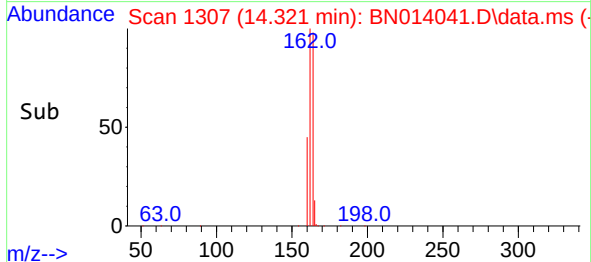
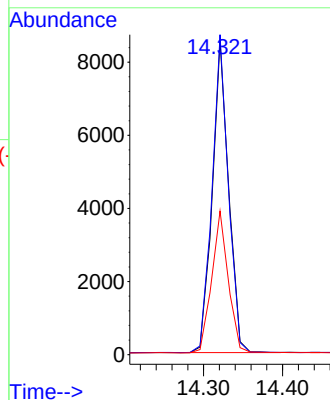
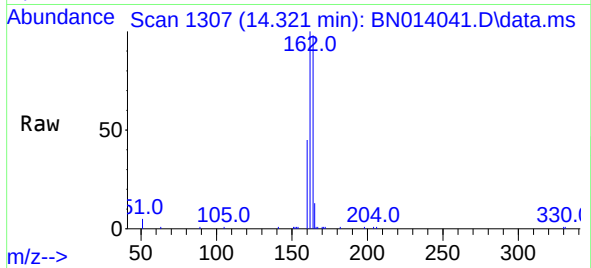
#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.321 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17

Tgt Ion:164 Resp: 12210  
Ion Ratio Lower Upper  
164 100  
162 101.8 79.6 119.4  
160 45.7 36.0 54.0

Instrument :  
BNA\_N  
ClientSampleId :  
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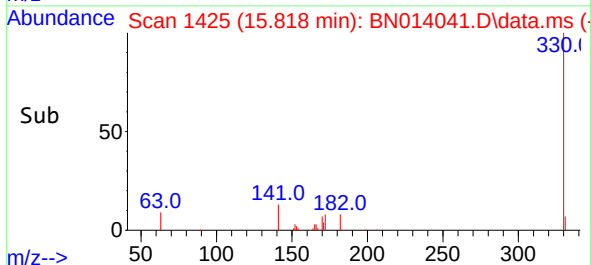
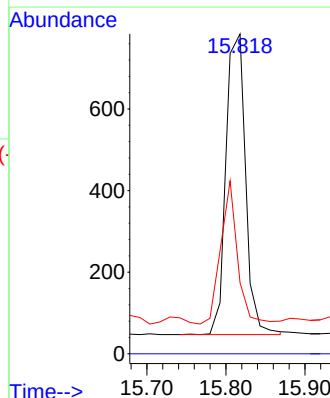
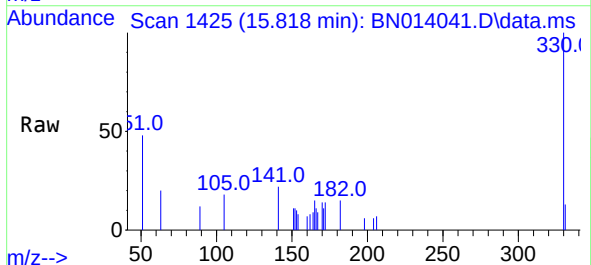
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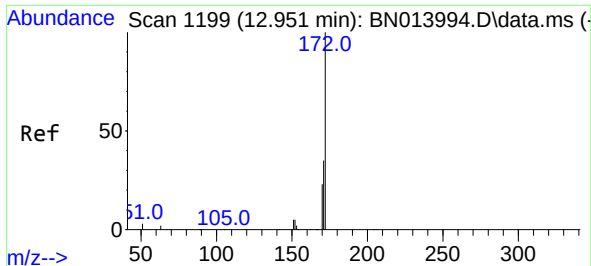
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#14  
2,4,6-Tribromophenol  
Concen: 0.32 ng  
RT: 15.818 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17

Tgt Ion:330 Resp: 1272  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 40.6 26.8 40.2#





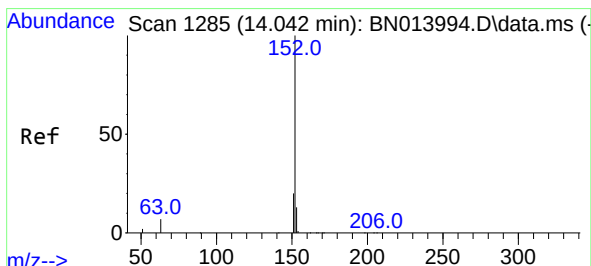
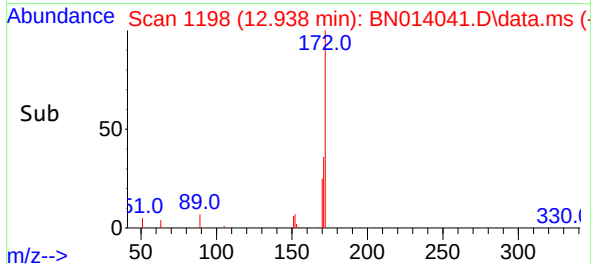
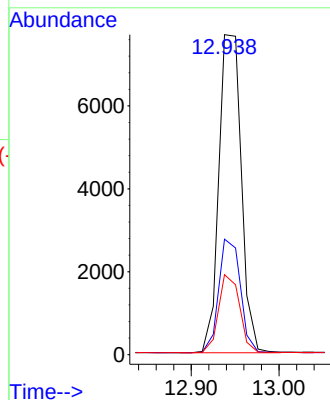
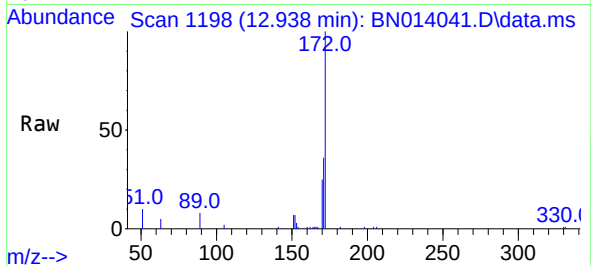
#15  
2-Fluorobiphenyl  
Concen: 0.30 ng  
RT: 12.938 min Scan# 1198  
Delta R.T. -0.012 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 13687 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 36.1  | 28.6  | 42.8  |
| 170       | 25.0  | 18.9  | 28.3  |

Instrument :  
BNA\_N  
ClientSampleId :  
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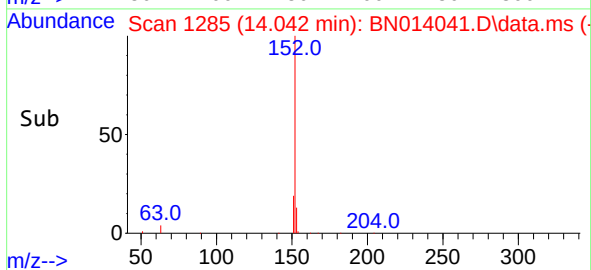
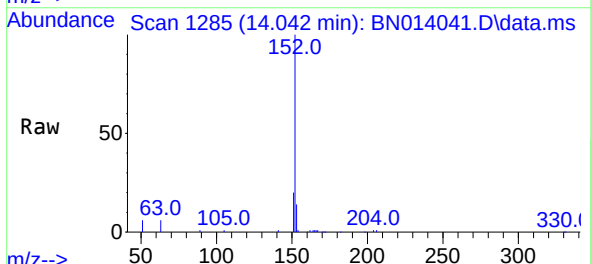
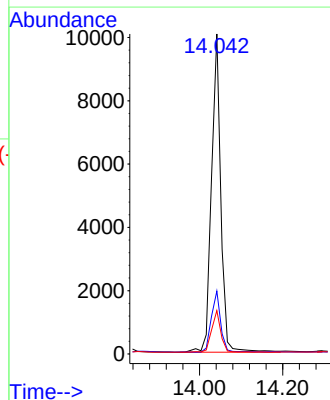
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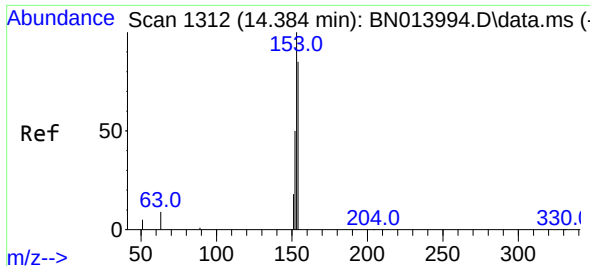
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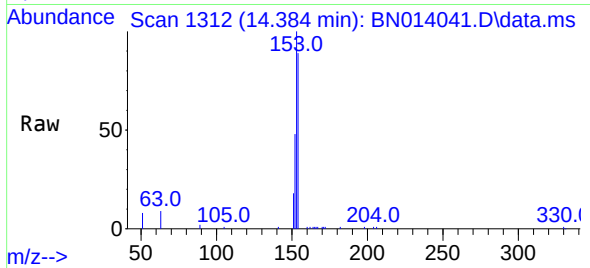
#16  
Acenaphthylene  
Concen: 0.33 ng  
RT: 14.042 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 15656 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.4  | 15.7  | 23.5  |
| 153       | 13.0  | 10.5  | 15.7  |



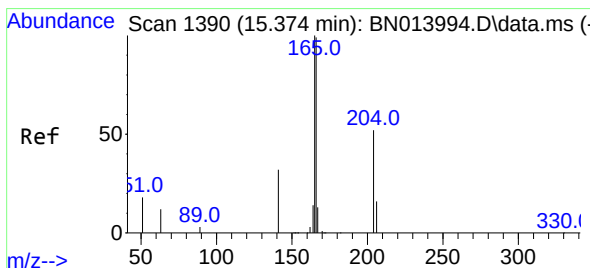
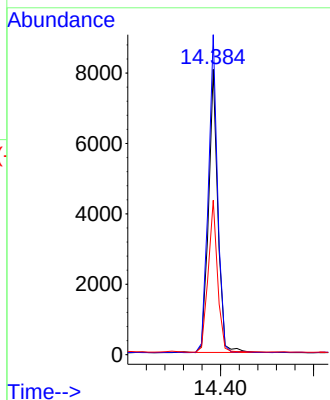
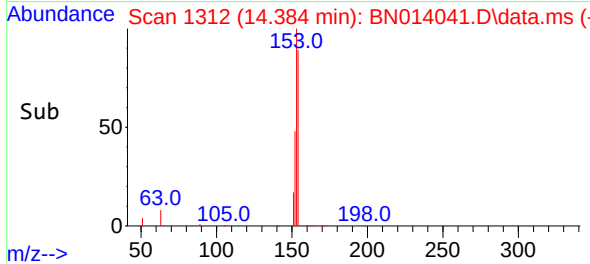


#17  
Acenaphthene  
Concen: 0.33 ng  
RT: 14.384 min Scan# 1312  
Delta R.T. 0.000 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17

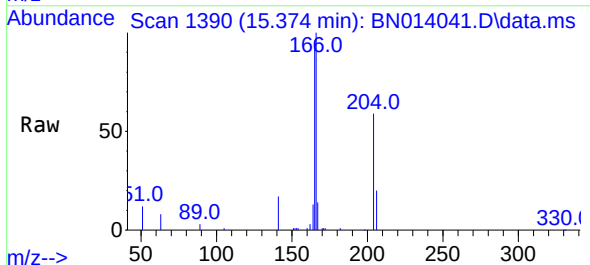


Tgt Ion:154 Resp: 11278

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 111.3 | 88.4  | 132.6 |
| 152 | 54.3  | 43.0  | 64.4  |

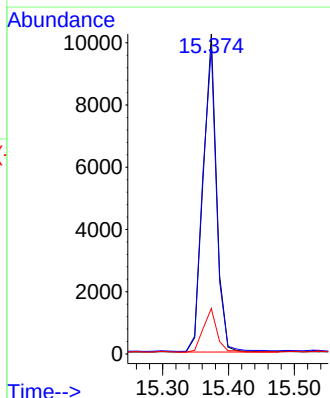
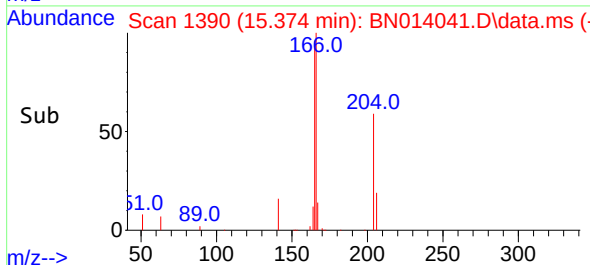


#18  
Fluorene  
Concen: 0.33 ng  
RT: 15.374 min Scan# 1390  
Delta R.T. 0.000 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17



Tgt Ion:166 Resp: 14449

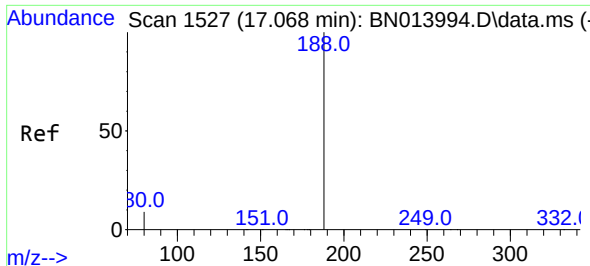
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 98.3  | 77.8  | 116.8 |
| 167 | 14.0  | 10.6  | 16.0  |



Instrument :  
BNA\_N  
ClientSampleId :  
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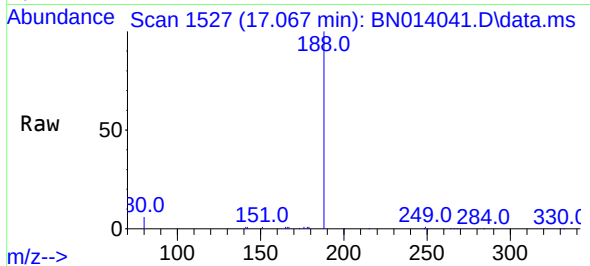
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#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.067 min Scan# 1527  
Delta R.T. -0.000 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17

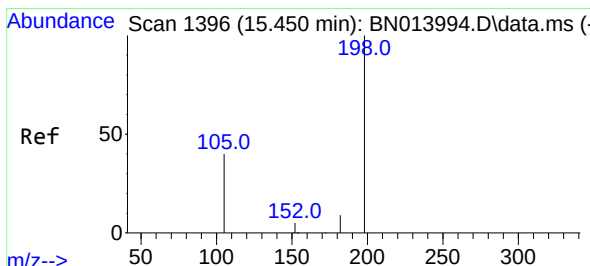
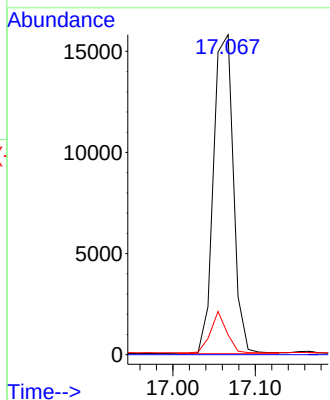
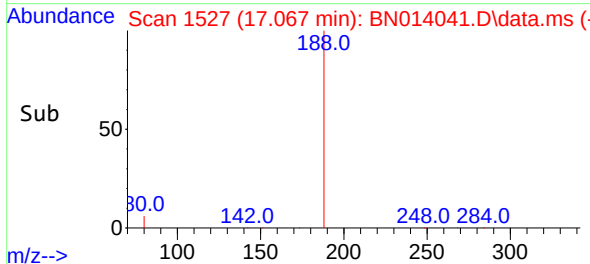
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D1-20210315MSD



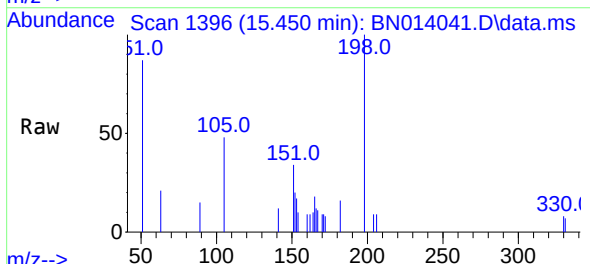
Tgt Ion:188 Resp: 26472  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 6.2 9.0 13.6#

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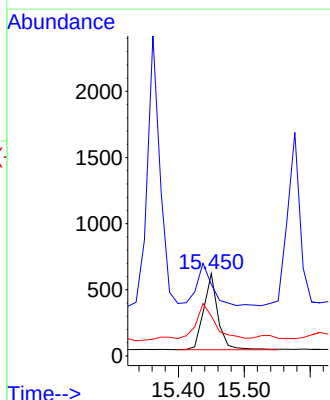
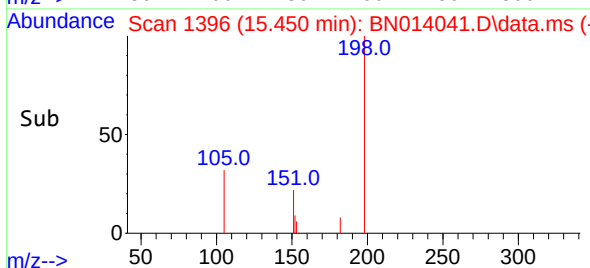
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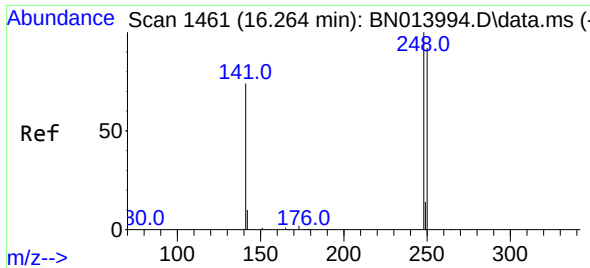


#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.29 ng  
RT: 15.450 min Scan# 1396  
Delta R.T. 0.000 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17



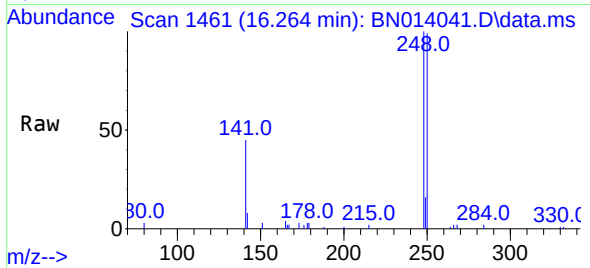
Tgt Ion:198 Resp: 866  
Ion Ratio Lower Upper  
198 100  
51 86.7 61.7 92.5  
105 48.5 33.0 49.6





#21  
4-Bromophenyl-phenylether  
Concen: 0.36 ng  
RT: 16.264 min Scan# 1461  
Delta R.T. -0.000 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17

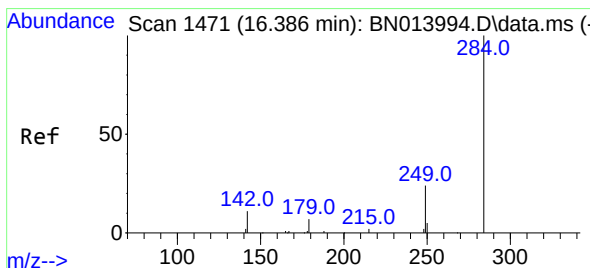
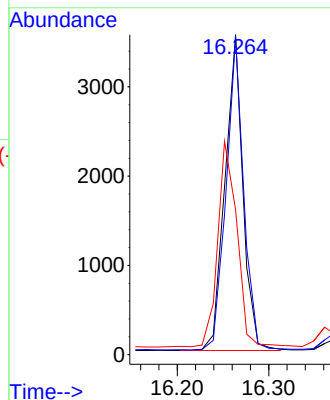
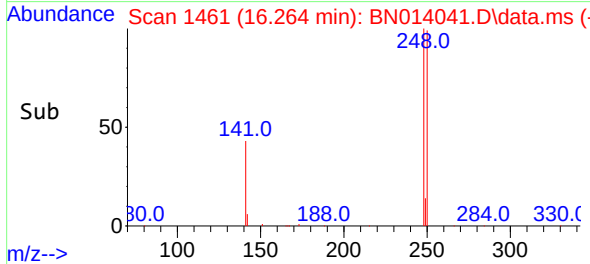
Instrument :  
BNA\_N  
ClientSampleId :  
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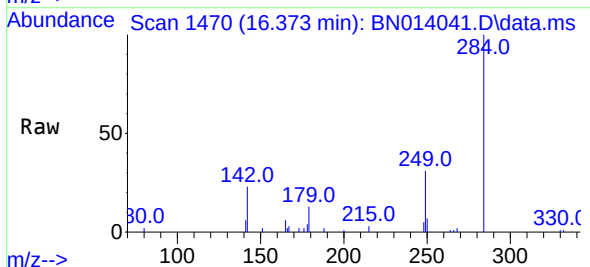
Tgt Ion:248 Resp: 4826  
Ion Ratio Lower Upper  
248 100  
250 99.3 75.5 113.3  
141 45.3 53.8 80.8#

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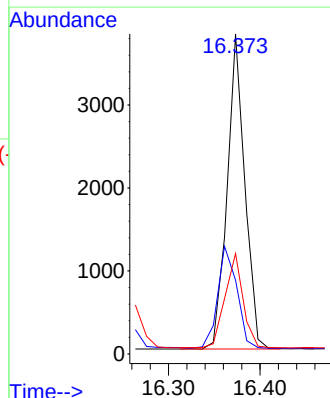
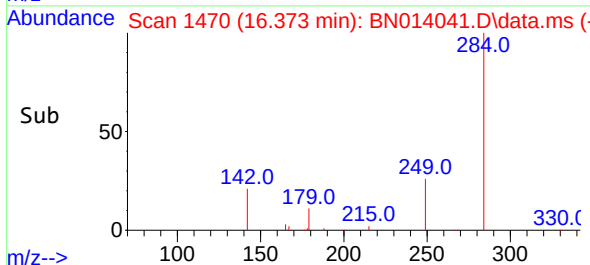
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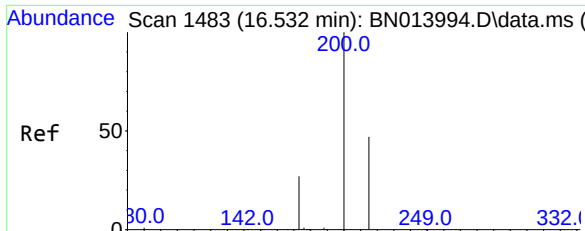


#22  
Hexachlorobenzene  
Concen: 0.33 ng  
RT: 16.373 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17

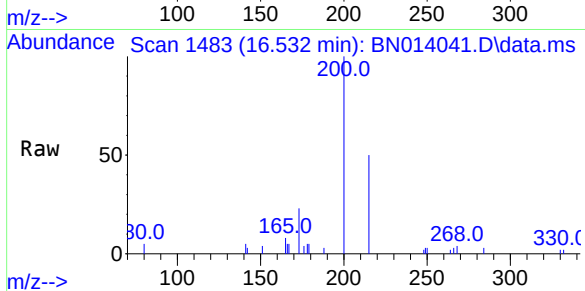


Tgt Ion:284 Resp: 5100  
Ion Ratio Lower Upper  
284 100  
142 34.9 27.9 41.9  
249 30.3 24.2 36.2

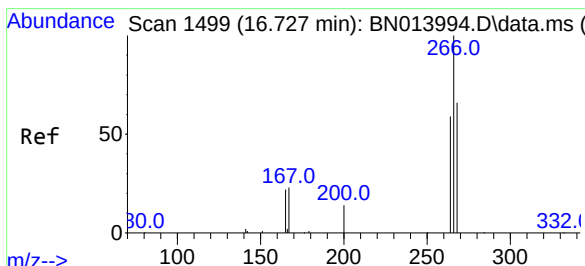
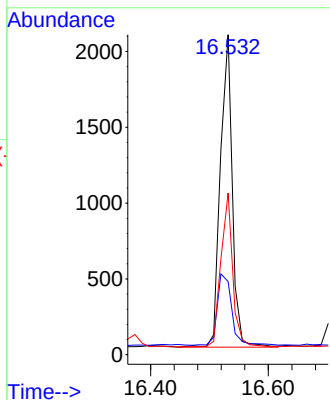
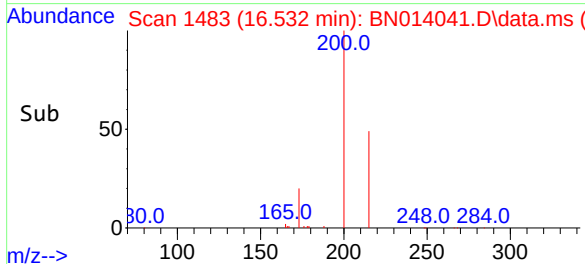




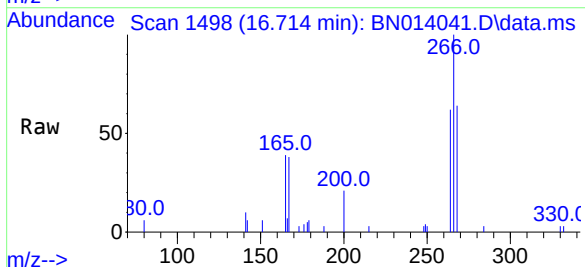
#23  
Atrazine  
Concen: 0.31 ng  
RT: 16.532 min Scan# 1483  
Delta R.T. -0.000 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17



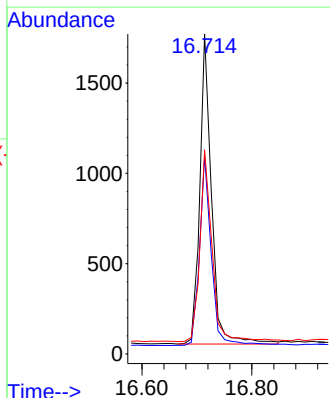
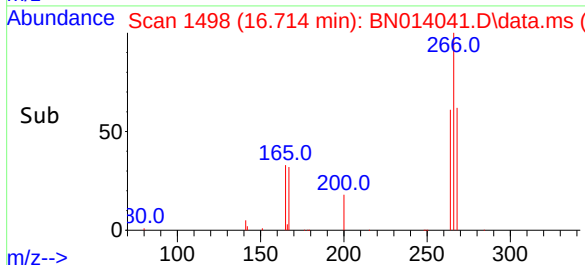
Tgt Ion:200 Resp: 2905  
Ion Ratio Lower Upper  
200 100  
173 22.9 18.6 28.0  
215 50.5 41.0 61.6



#24  
Pentachlorophenol  
Concen: 0.69 ng  
RT: 16.714 min Scan# 1498  
Delta R.T. -0.012 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17



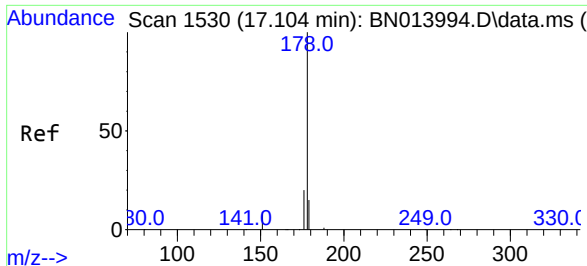
Tgt Ion:266 Resp: 2553  
Ion Ratio Lower Upper  
266 100  
264 62.4 51.6 77.4  
268 64.7 54.6 82.0



Instrument :  
BNA\_N  
ClientSampleId :  
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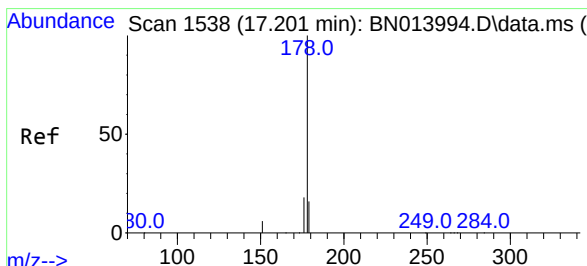
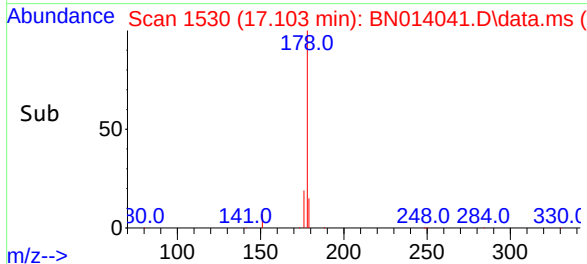
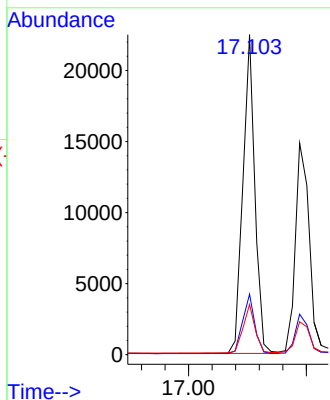
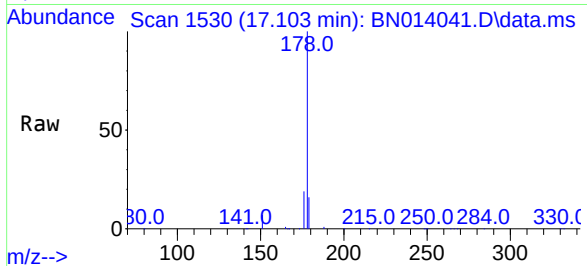
#25  
Phenanthrene  
Concen: 0.44 ng  
RT: 17.103 min Scan# 1530  
Delta R.T. -0.000 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17

Tgt Ion:178 Resp: 31604  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.4  
179 15.2 12.3 18.5

Instrument :  
BNA\_N  
ClientSampleId :  
RE134D1-20210315MSD

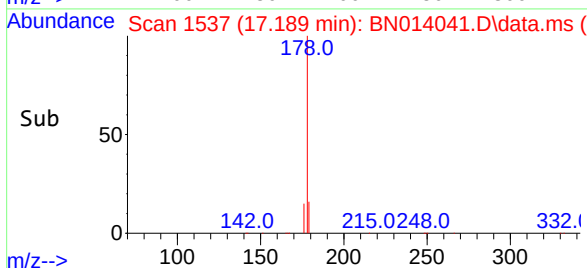
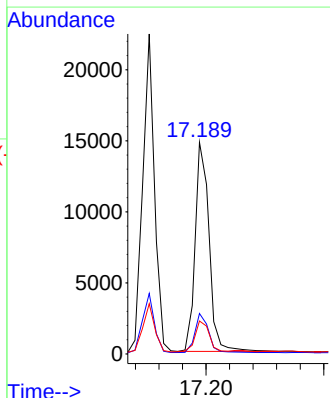
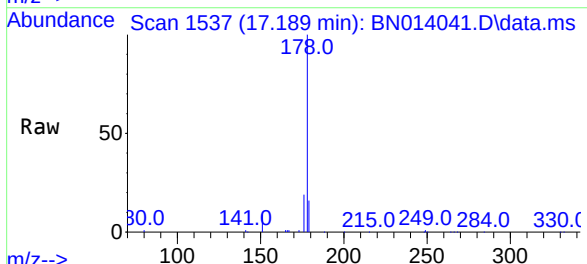
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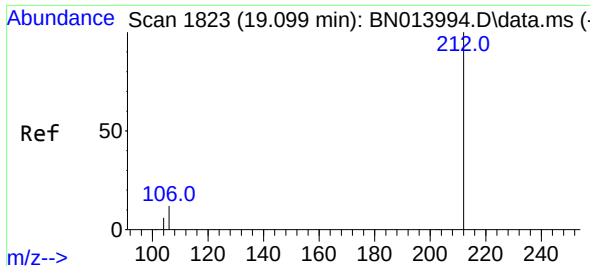
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#26  
Anthracene  
Concen: 0.41 ng  
RT: 17.189 min Scan# 1537  
Delta R.T. -0.000 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17

Tgt Ion:178 Resp: 24190  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.6 21.8  
179 15.0 12.2 18.2





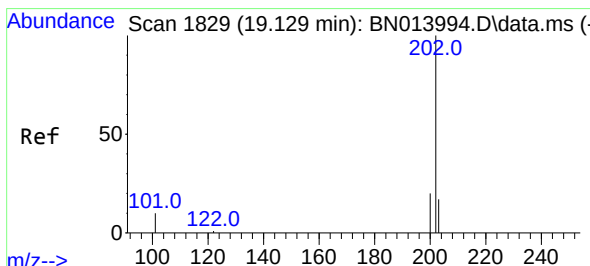
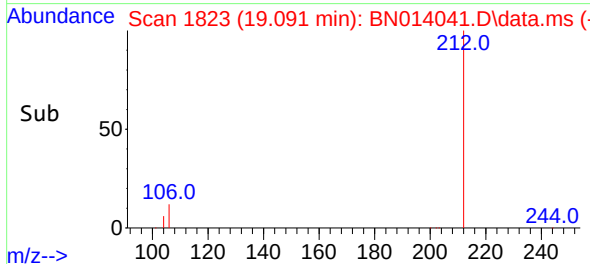
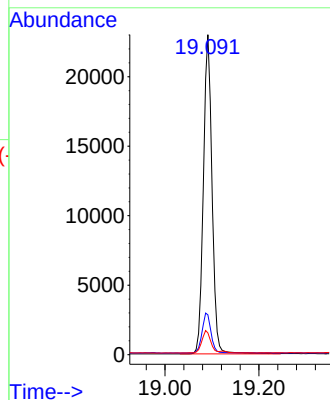
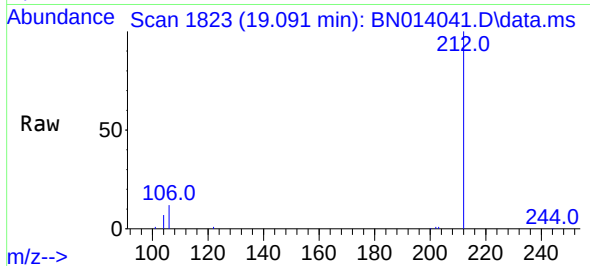
#27  
Fluoranthene-d10  
Concen: 0.40 ng  
RT: 19.091 min Scan# 1823  
Delta R.T. 0.003 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17

Tgt Ion:212 Resp: 29361  
Ion Ratio Lower Upper  
212 100  
106 12.8 9.7 14.5  
104 7.1 5.5 8.3

Instrument :  
BNA\_N  
ClientSampleId :  
RE134D1-20210315MSD

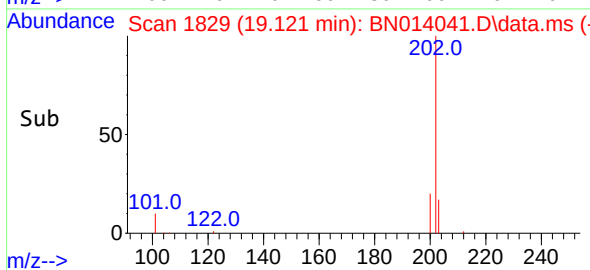
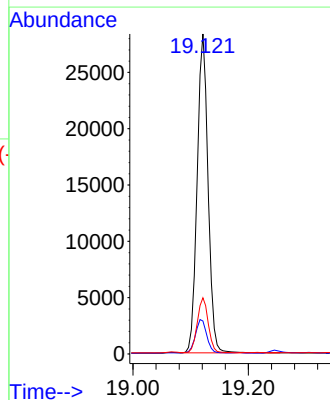
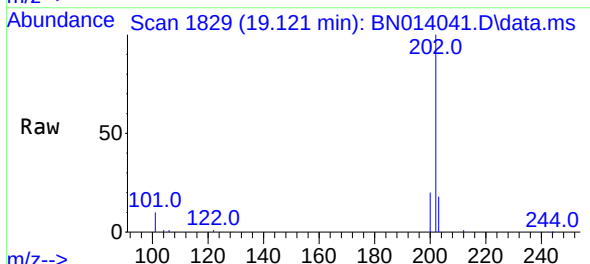
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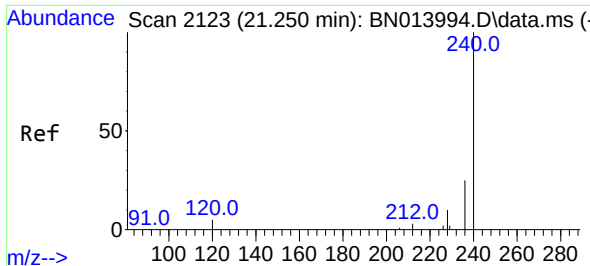


#28  
Fluoranthene  
Concen: 0.46 ng  
RT: 19.121 min Scan# 1829  
Delta R.T. 0.003 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17

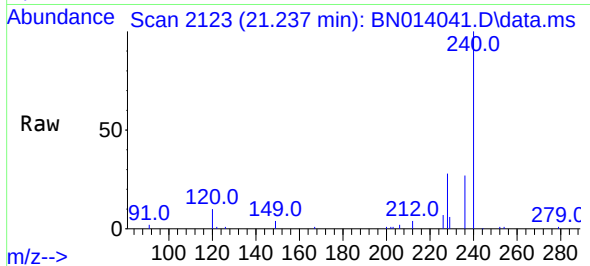
Tgt Ion:202 Resp: 37319  
Ion Ratio Lower Upper  
202 100  
101 10.7 8.1 12.1  
203 17.1 13.9 20.9



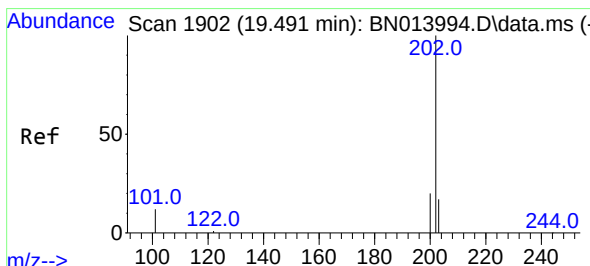
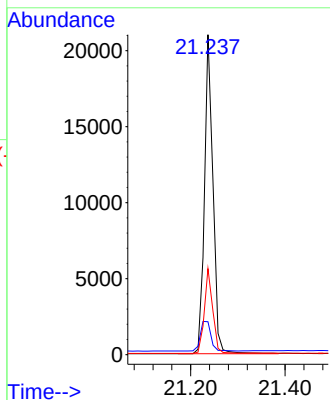
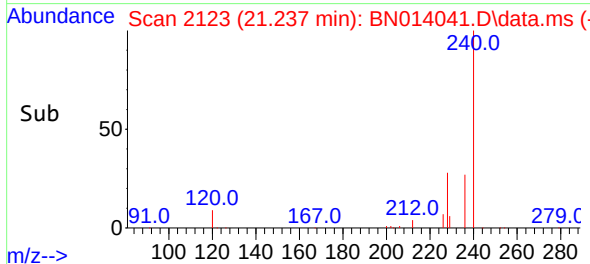




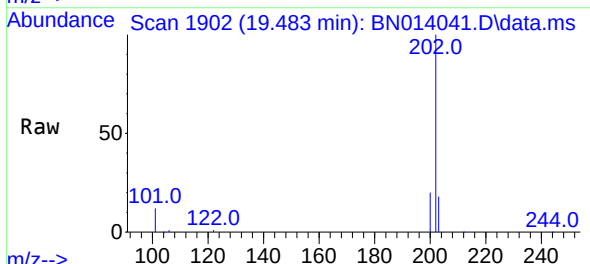
#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.237 min Scan# 2123  
Delta R.T. -0.002 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17



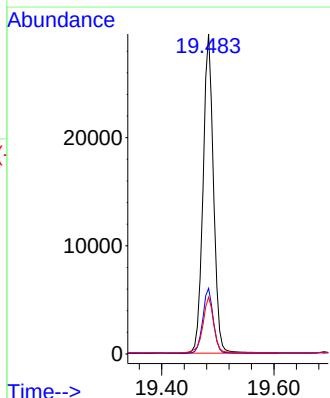
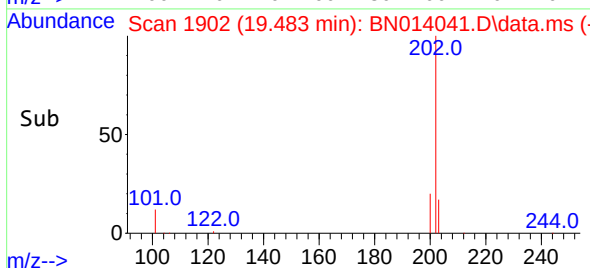
Tgt Ion:240 Resp: 26160  
Ion Ratio Lower Upper  
240 100  
120 10.3 10.2 15.4  
236 26.9 21.3 31.9



#30  
Pyrene  
Concen: 0.48 ng  
RT: 19.483 min Scan# 1902  
Delta R.T. -0.002 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17



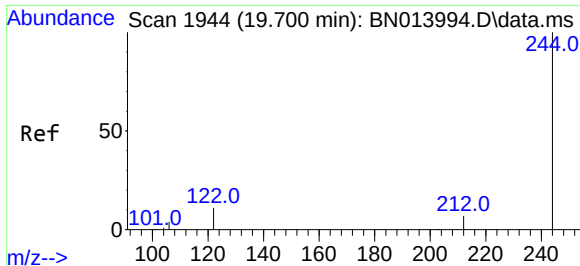
Tgt Ion:202 Resp: 38176  
Ion Ratio Lower Upper  
202 100  
200 20.3 16.3 24.5  
203 18.1 14.0 21.0



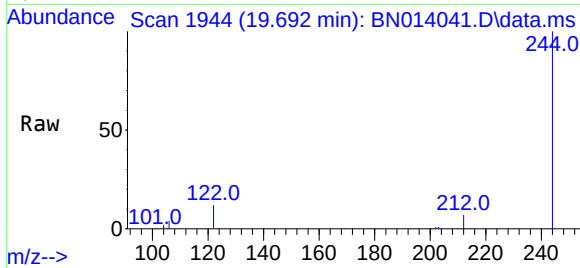
Instrument :  
BNA\_N  
ClientSampleId :  
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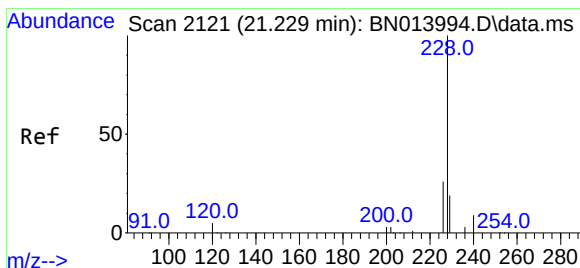
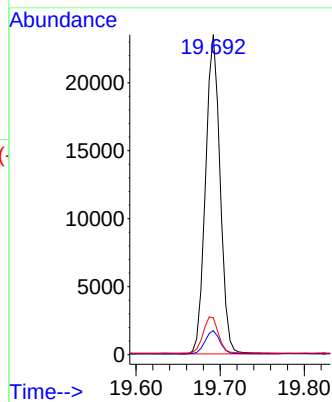
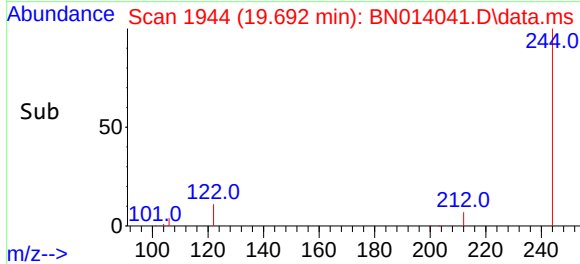
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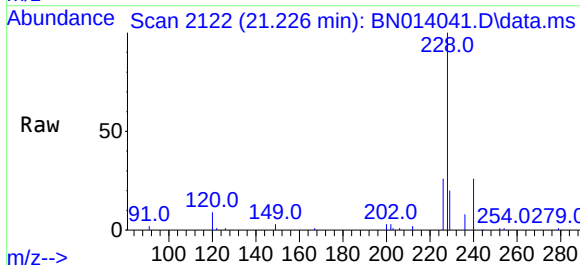
#31  
Terphenyl-d14  
Concen: 0.49 ng  
RT: 19.692 min Scan# 1944  
Delta R.T. 0.003 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17



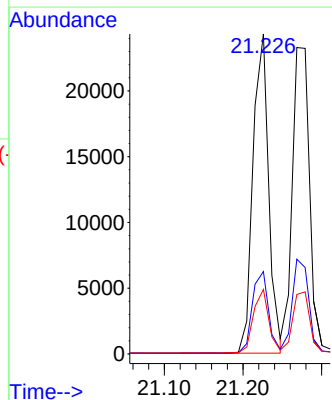
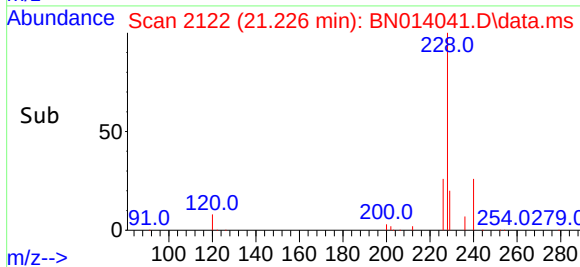
Tgt Ion:244 Resp: 28348  
Ion Ratio Lower Upper  
244 100  
212 7.5 6.1 9.1  
122 11.5 9.8 14.8



#32  
Benzo(a)anthracene  
Concen: 0.45 ng  
RT: 21.226 min Scan# 2122  
Delta R.T. 0.008 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17



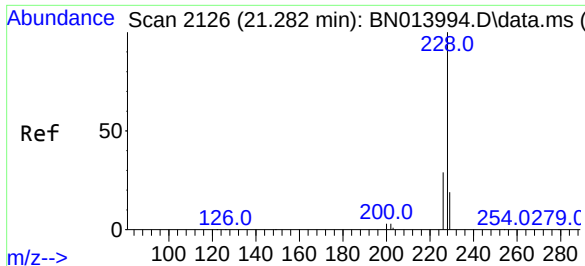
Tgt Ion:228 Resp: 33549  
Ion Ratio Lower Upper  
228 100  
226 25.7 20.5 30.7  
229 20.2 16.2 24.4



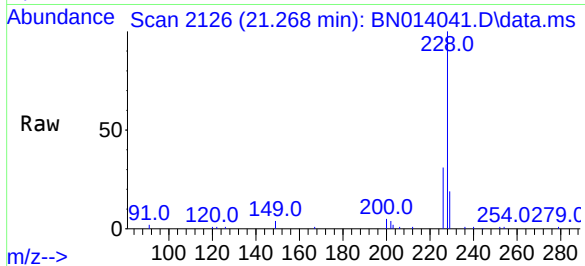
Instrument :  
BNA\_N  
ClientSampleId :  
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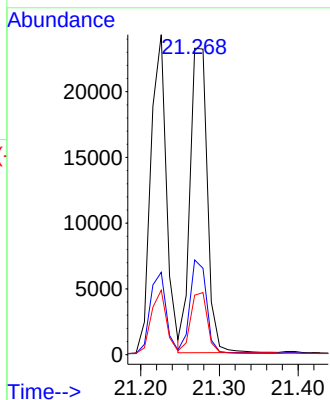
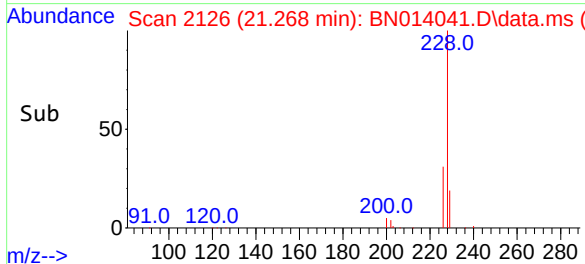


#33  
Chrysene  
Concen: 0.44 ng  
RT: 21.268 min Scan# 2126  
Delta R.T. -0.002 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17



Tgt Ion: 228 Resp: 35342

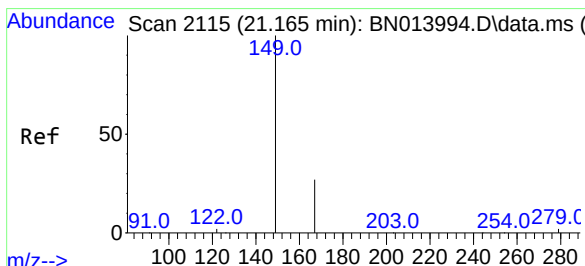
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.9  | 24.3  | 36.5  |
| 229 | 19.4  | 15.1  | 22.7  |



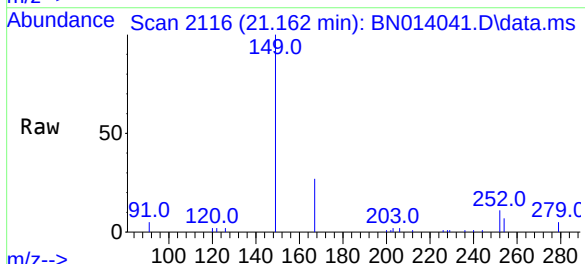
Instrument :  
BNA\_N  
ClientSampleId :  
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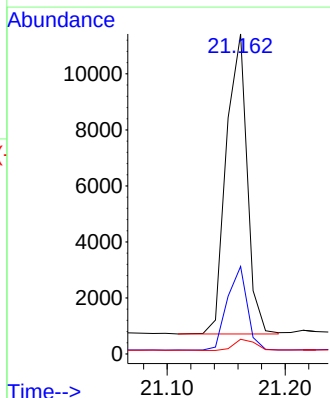
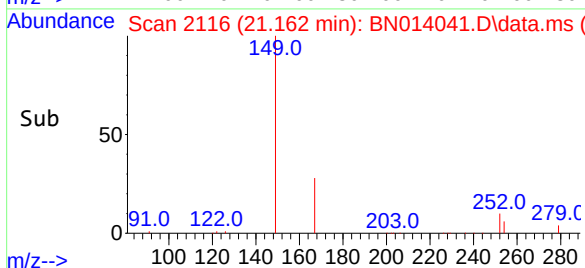


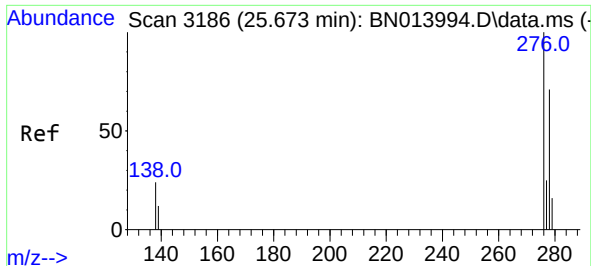
#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.47 ng  
RT: 21.162 min Scan# 2116  
Delta R.T. 0.008 min  
Lab File: BN014041.D  
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Tgt Ion: 149 Resp: 13173

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.7  | 22.1  | 33.1  |
| 279 | 3.8   | 3.5   | 5.3   |





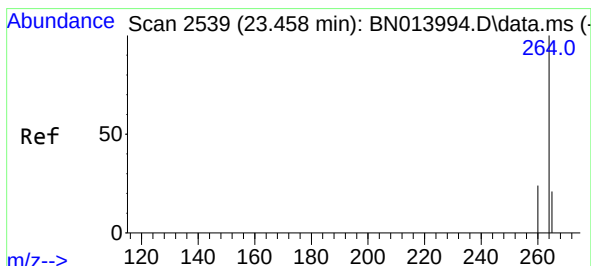
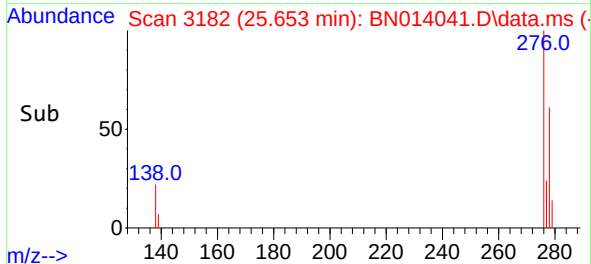
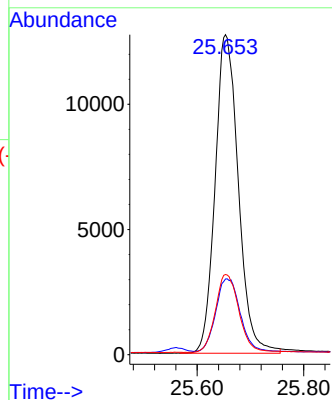
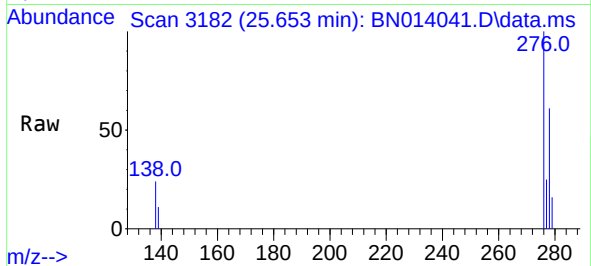
#35  
Indeno(1,2,3-cd)pyrene  
Concen: 0.44 ng  
RT: 25.653 min Scan# 3182  
Delta R.T. 0.001 min  
Lab File: BN014041.D  
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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 38516 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 23.7  | 19.8  | 29.6  |
| 277       | 24.7  | 19.9  | 29.9  |

Instrument :  
BNA\_N  
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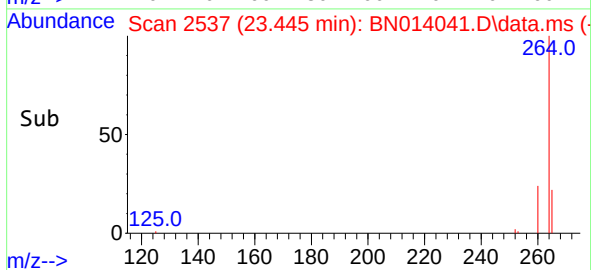
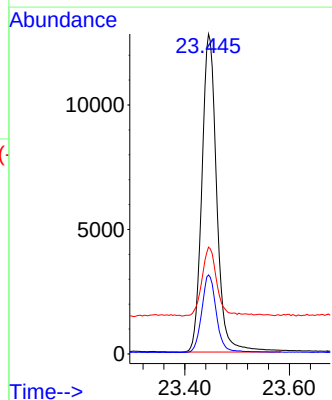
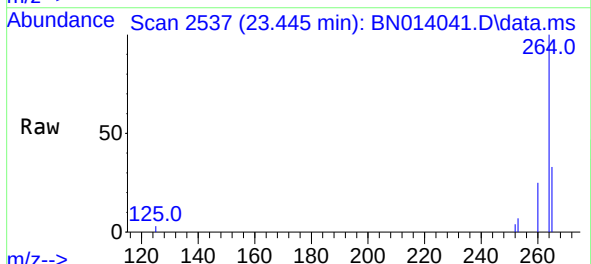
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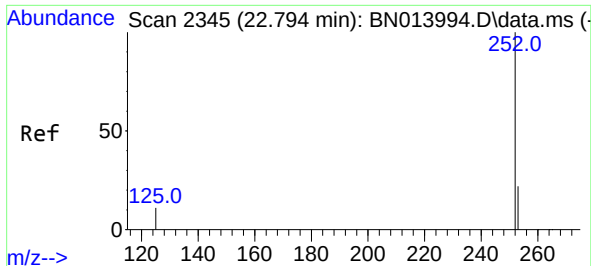
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#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.445 min Scan# 2537  
Delta R.T. -0.002 min  
Lab File: BN014041.D  
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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 25170 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 24.7  | 19.3  | 28.9  |
| 265       | 33.4  | 66.2  | 99.4# |





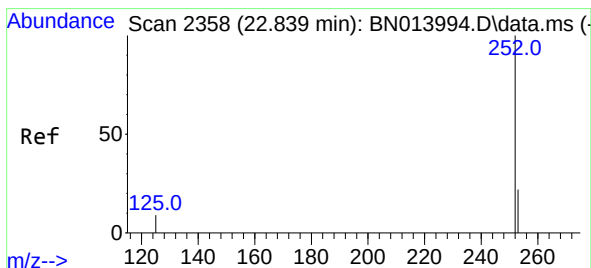
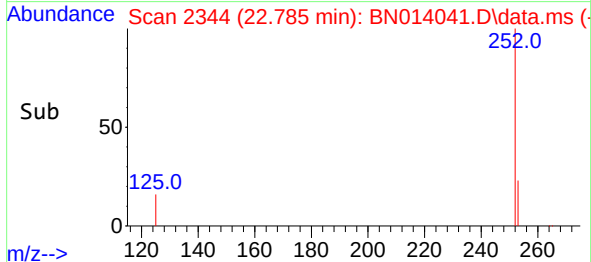
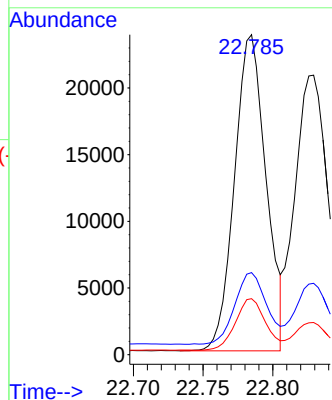
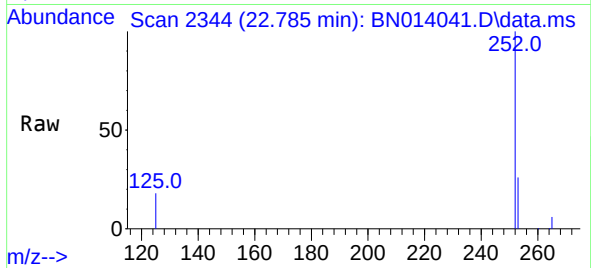
#37  
Benzo(b)fluoranthene  
Concen: 0.41 ng  
RT: 22.785 min Scan# 2344  
Delta R.T. 0.001 min  
Lab File: BN014041.D  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 25.7  | 20.4  | 30.6  |
| 125     | 17.5  | 11.6  | 17.4# |

Instrument :  
BNA\_N  
ClientSampleId :  
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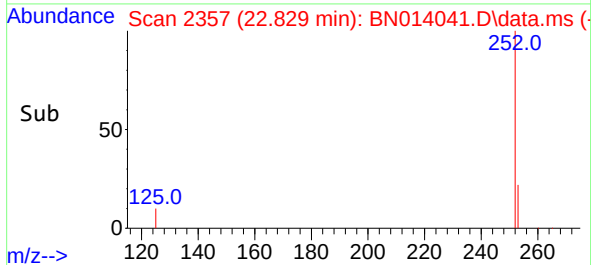
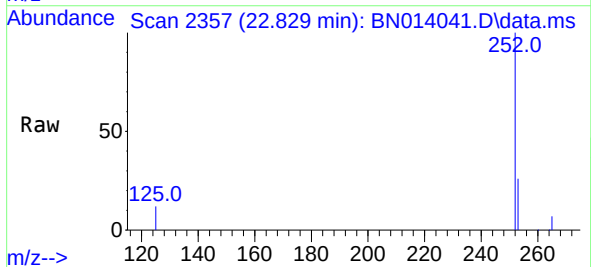
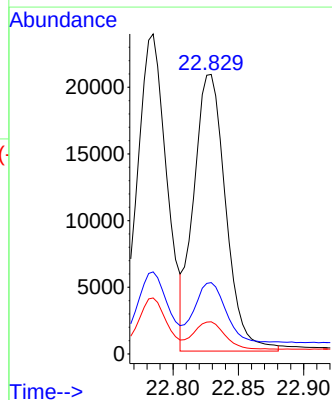
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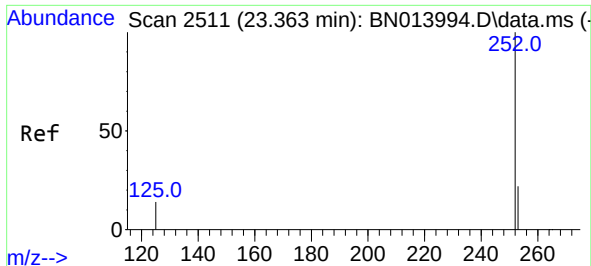
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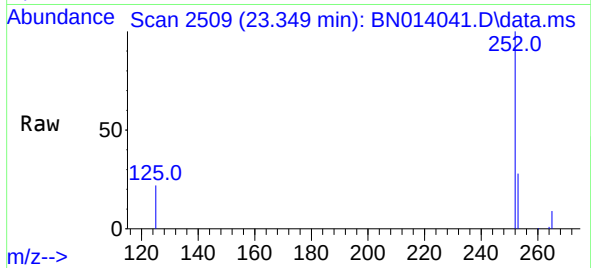
#38  
Benzo(k)fluoranthene  
Concen: 0.40 ng m  
RT: 22.829 min Scan# 2357  
Delta R.T. 0.001 min  
Lab File: BN014041.D  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 25.5  | 20.5  | 30.7  |
| 125     | 11.5  | 12.3  | 18.5# |

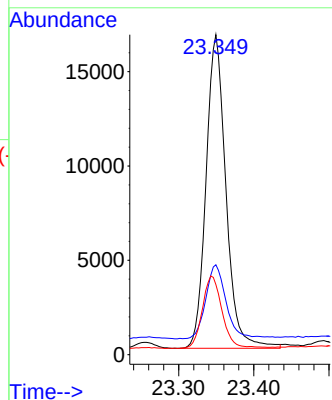




#39  
Benzo(a)pyrene  
Concen: 0.39 ng  
RT: 23.349 min Scan# 2509  
Delta R.T. -0.002 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17



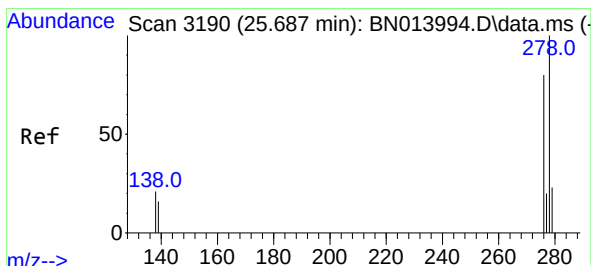
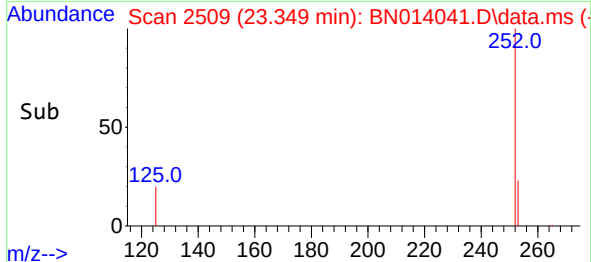
Tgt Ion:252 Resp: 30678  
Ion Ratio Lower Upper  
252 100  
253 28.1 21.8 32.6  
125 21.9 14.6 21.8#



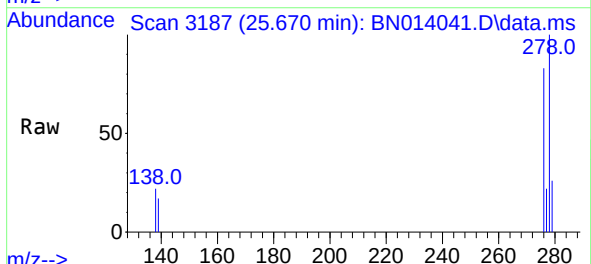
Instrument :  
BNA\_N  
ClientSampleId :  
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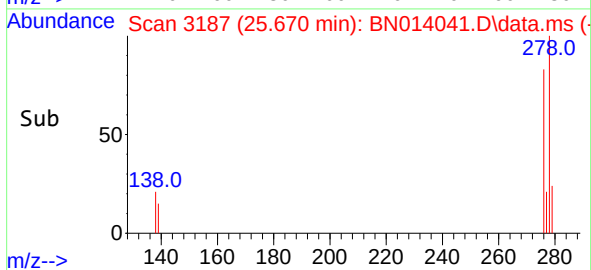
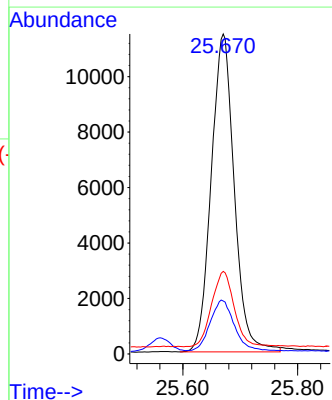
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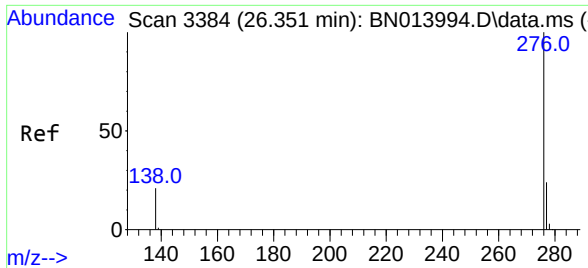


#40  
Dibenzo(a,h)anthracene  
Concen: 0.38 ng  
RT: 25.670 min Scan# 3187  
Delta R.T. 0.001 min  
Lab File: BN014041.D  
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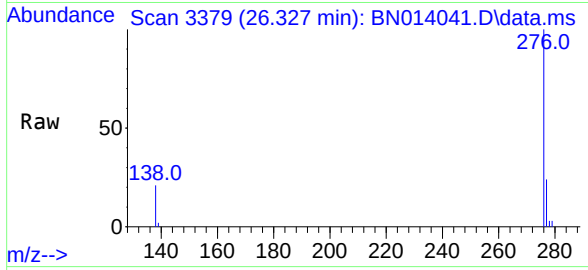


Tgt Ion:278 Resp: 31933  
Ion Ratio Lower Upper  
278 100  
139 16.6 13.1 19.7  
279 25.8 21.4 32.0

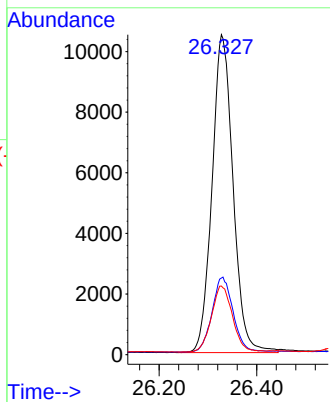
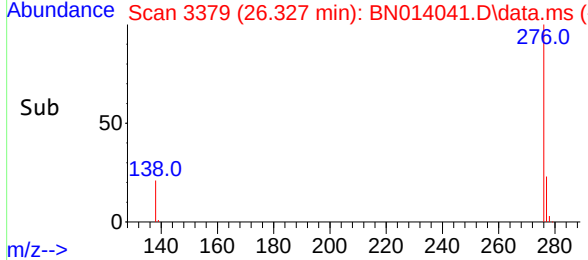




#41  
Benzo(g,h,i)perylene  
Concen: 0.36 ng  
RT: 26.327 min Scan# 3379  
Delta R.T. -0.002 min  
Lab File: BN014041.D  
Acq: 23 Mar 2021 14:17



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 31335 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 24.0  | 20.0  | 30.0  |
| 138       | 21.4  | 17.8  | 26.8  |



Instrument :  
BNA\_N  
ClientSampleId :  
RE134D1-20210315MSD

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