

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022621\  
 Data File : BN013782.D  
 Acq On : 26 Feb 2021 14:17  
 Operator : CG/JU  
 Sample : PB134842BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB134842BS

Quant Time: Feb 26 14:53:07 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN022421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 25 11:31:11 2021  
 Response via : Initial Calibration

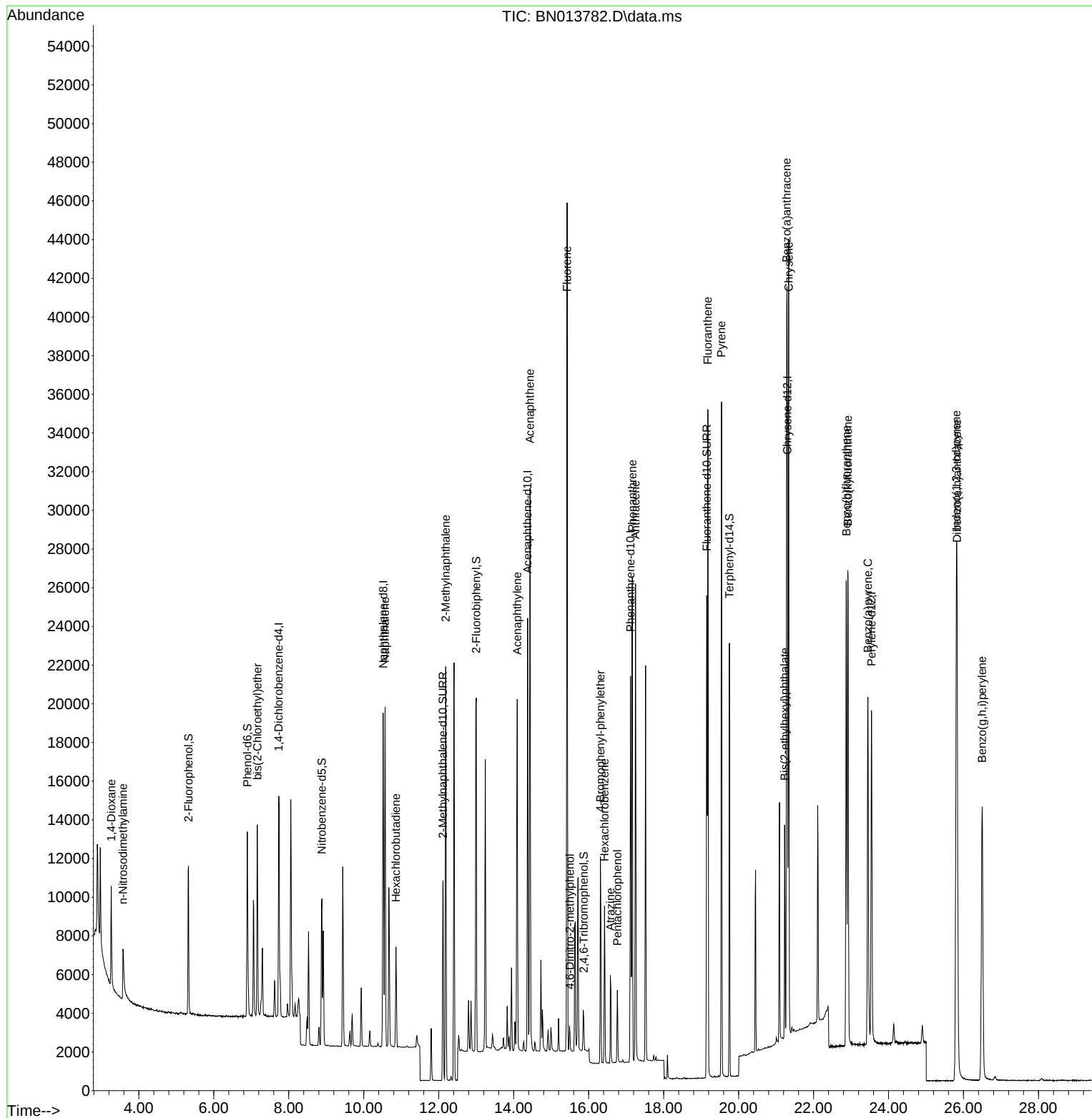
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.733  | 152  | 5599     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.518 | 136  | 21523    | 0.40 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.372 | 164  | 11929    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.116 | 188  | 25664    | 0.40 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.303 | 240  | 24299    | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12              | 23.544 | 264  | 22839    | 0.40 | ng    | # 0.00   |
|                               |        |      |          |      |       |          |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.325  | 112  | 6052     | 0.40 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.895  | 99   | 8130     | 0.41 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.883  | 82   | 6349     | 0.46 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.111 | 152  | 13897    | 0.40 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.869 | 330  | 1637     | 0.34 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.001 | 172  | 18223    | 0.43 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.149 | 212  | 28331    | 0.37 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.754 | 244  | 21729    | 0.40 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.263  | 88   | 3298     | 0.49 | ng    | 97       |
| 3) n-Nitrosodimethylamine     | 3.577  | 42   | 2886     | 0.55 | ng    | # 86     |
| 6) bis(2-Chloroethyl)ether    | 7.161  | 93   | 6626     | 0.47 | ng    | 93       |
| 9) Naphthalene                | 10.568 | 128  | 22122    | 0.42 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.860 | 225  | 4003     | 0.39 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.186 | 142  | 15043    | 0.40 | ng    | 99       |
| 16) Acenaphthylene            | 14.092 | 152  | 19829    | 0.37 | ng    | 100      |
| 17) Acenaphthene              | 14.435 | 154  | 13810    | 0.42 | ng    | 99       |
| 18) Fluorene                  | 15.425 | 166  | 17013    | 0.40 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.501 | 198  | 928      | 0.52 | ng    | # 77     |
| 21) 4-Bromophenyl-phenylether | 16.313 | 248  | 5415     | 0.39 | ng    | # 83     |
| 22) Hexachlorobenzene         | 16.423 | 284  | 5891     | 0.40 | ng    | 95       |
| 23) Atrazine                  | 16.581 | 200  | 3904     | 0.30 | ng    | # 90     |
| 24) Pentachlorophenol         | 16.763 | 266  | 1796     | 0.38 | ng    | 96       |
| 25) Phenanthrene              | 17.165 | 178  | 28253    | 0.42 | ng    | 100      |
| 26) Anthracene                | 17.250 | 178  | 24372    | 0.37 | ng    | 100      |
| 28) Fluoranthene              | 19.178 | 202  | 31165    | 0.39 | ng    | 99       |
| 30) Pyrene                    | 19.541 | 202  | 31548    | 0.42 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.282 | 228  | 28916    | 0.39 | ng    | 97       |
| 33) Chrysene                  | 21.335 | 228  | 30531    | 0.42 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.229 | 149  | 9736     | 0.27 | ng    | 99       |
| 35) Indeno(1,2,3-cd)pyrene    | 25.810 | 276  | 34578    | 0.39 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.873 | 252  | 30319    | 0.42 | ng    | 95       |
| 38) Benzo(k)fluoranthene      | 22.914 | 252  | 31553    | 0.45 | ng    | 95       |
| 39) Benzo(a)pyrene            | 23.448 | 252  | 26167    | 0.40 | ng    | # 92     |
| 40) Dibenzo(a,h)anthracene    | 25.827 | 278  | 28946    | 0.42 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 26.498 | 276  | 28654    | 0.41 | ng    | 99       |
| -----                         |        |      |          |      |       |          |

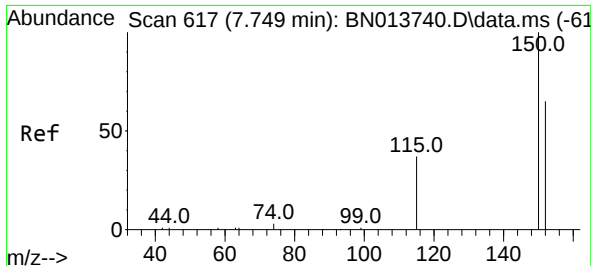
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN013782.D  
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Operator : CG/JU  
Sample : PB134842BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
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Quant Time: Feb 26 14:53:07 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN022421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 25 11:31:11 2021  
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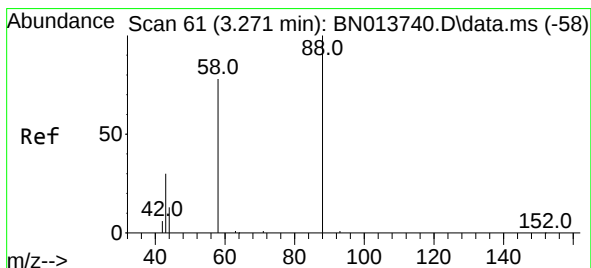
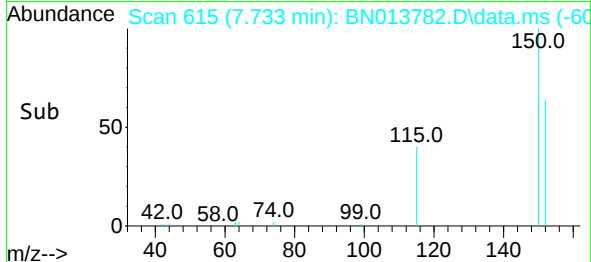
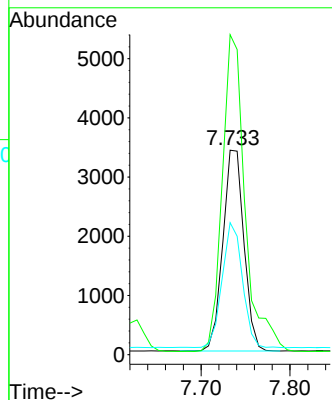
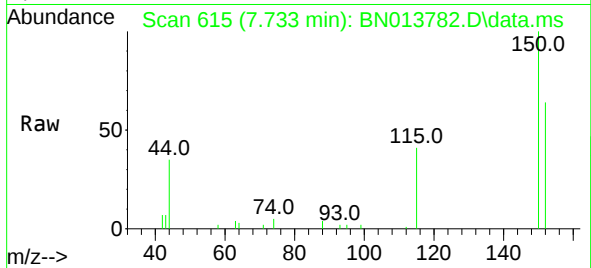




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.733 min Scan# 615  
Delta R.T. -0.008 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

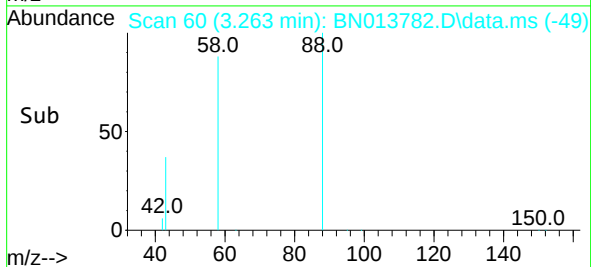
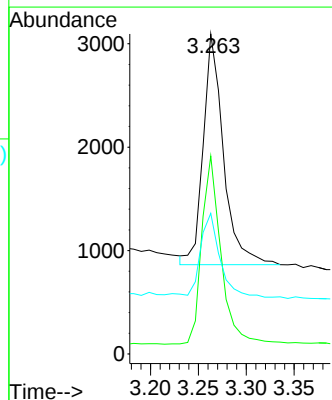
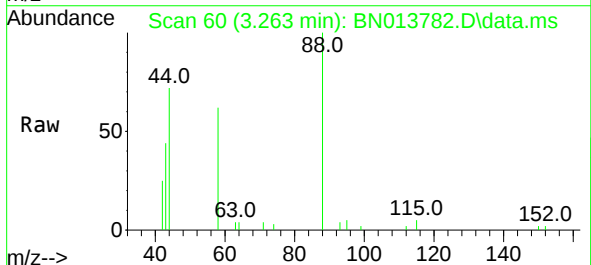
Instrument :  
BNA\_N  
ClientSampleId :  
PB134842BS

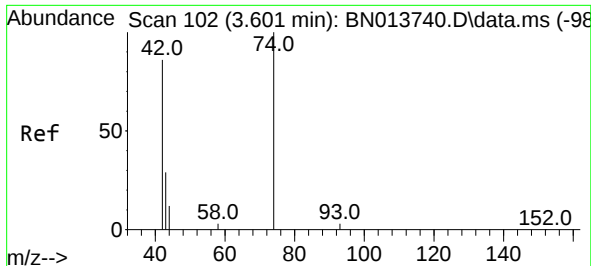
Tgt Ion:152 Resp: 5599  
Ion Ratio Lower Upper  
152 100  
150 156.5 121.8 182.8  
115 64.6 46.6 69.8



#2  
1,4-Dioxane  
Concen: 0.49 ng  
RT: 3.263 min Scan# 60  
Delta R.T. -0.008 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

Tgt Ion: 88 Resp: 3298  
Ion Ratio Lower Upper  
88 100  
58 77.4 64.6 96.8  
43 34.6 26.6 40.0

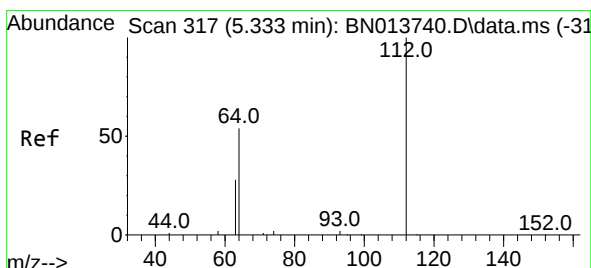
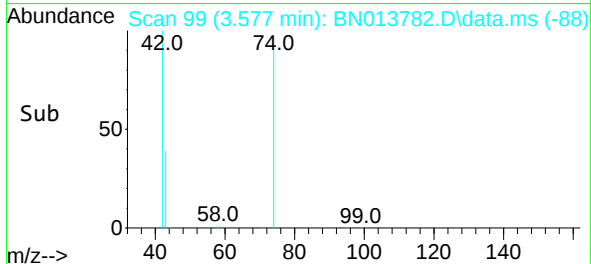
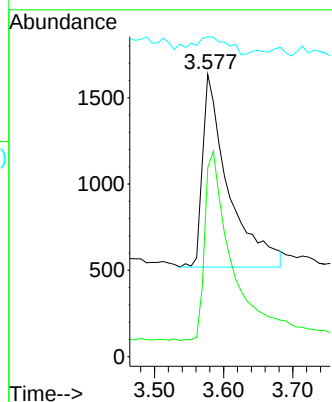
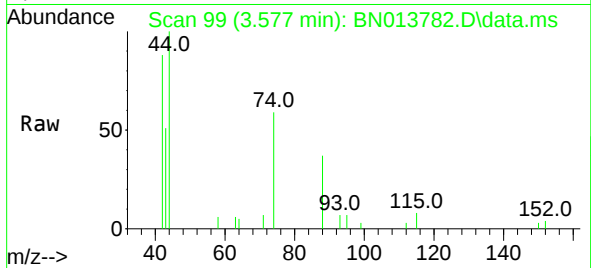




#3  
n-Nitrosodimethylamine  
Concen: 0.55 ng  
RT: 3.577 min Scan# 99  
Delta R.T. -0.008 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

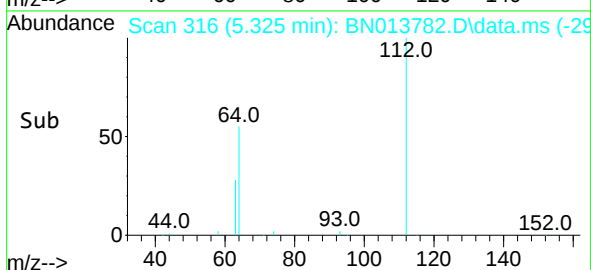
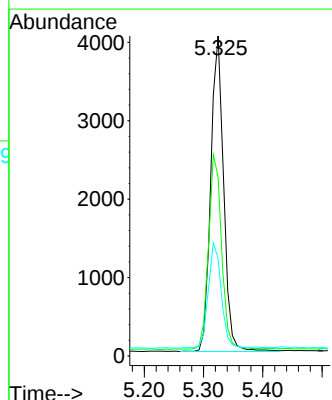
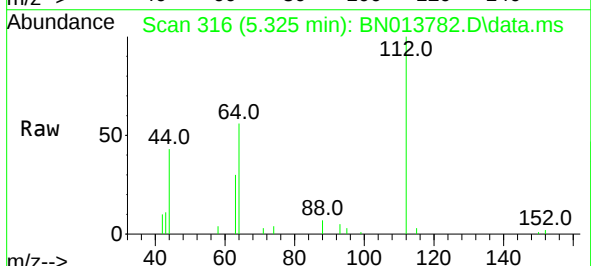
Instrument :  
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ClientSampleId :  
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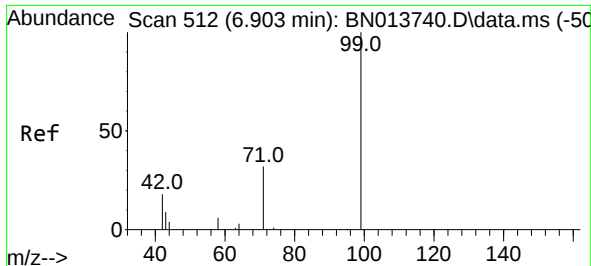
Tgt Ion: 42 Resp: 2886  
Ion Ratio Lower Upper  
42 100  
74 103.2 95.0 142.6  
44 10.5 5.8 8.8#



#4  
2-Fluorophenol  
Concen: 0.40 ng  
RT: 5.325 min Scan# 316  
Delta R.T. -0.000 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

Tgt Ion: 112 Resp: 6052  
Ion Ratio Lower Upper  
112 100  
64 62.9 44.3 66.5  
63 33.4 23.0 34.6

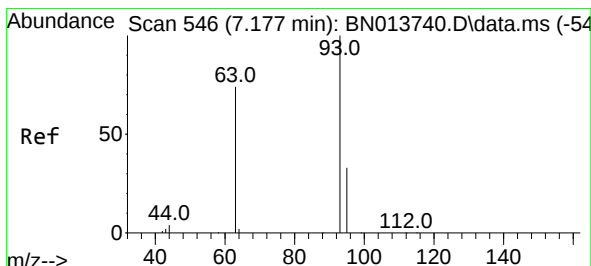
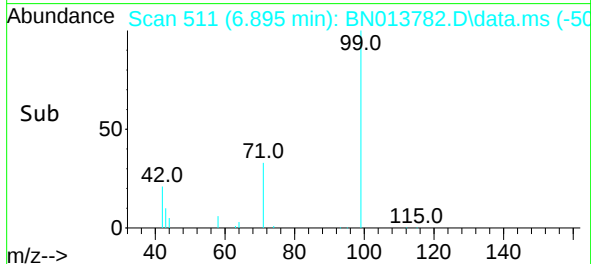
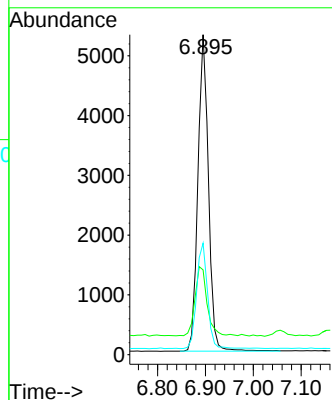
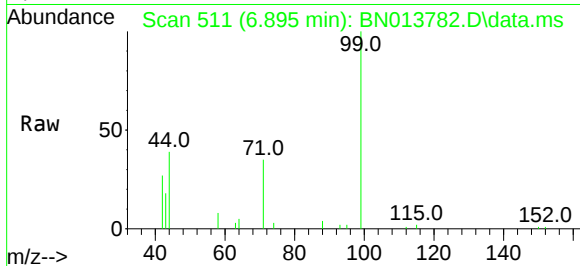




#5  
Phenol-d6  
Concen: 0.41 ng  
RT: 6.895 min Scan# 511  
Delta R.T. -0.008 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

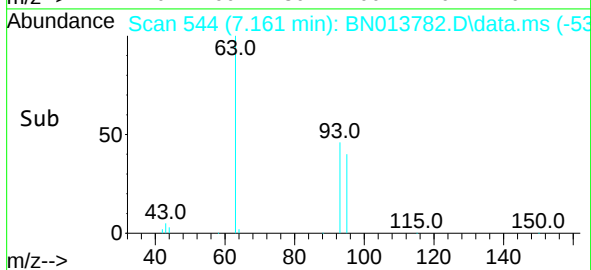
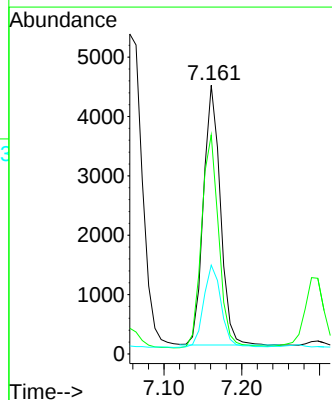
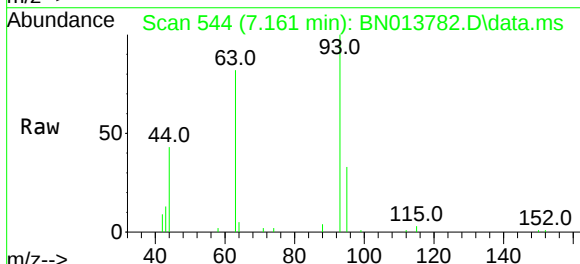
Instrument :  
BNA\_N  
ClientSampleId :  
PB134842BS

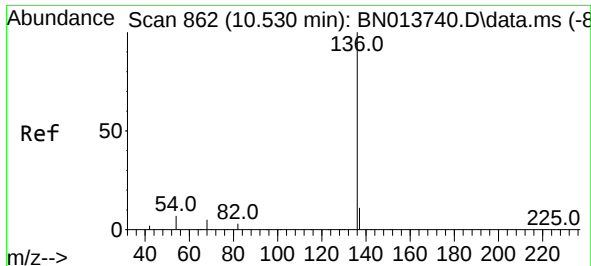
Tgt Ion: 99 Resp: 8130  
Ion Ratio Lower Upper  
99 100  
42 25.1 15.2 22.8#  
71 34.2 26.1 39.1



#6  
bis(2-Chloroethyl)ether  
Concen: 0.47 ng  
RT: 7.161 min Scan# 544  
Delta R.T. -0.008 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

Tgt Ion: 93 Resp: 6626  
Ion Ratio Lower Upper  
93 100  
63 84.1 60.8 91.2  
95 33.0 26.0 39.0

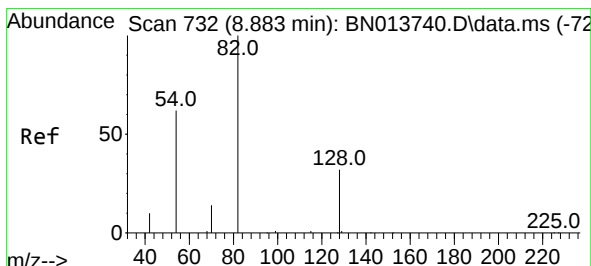
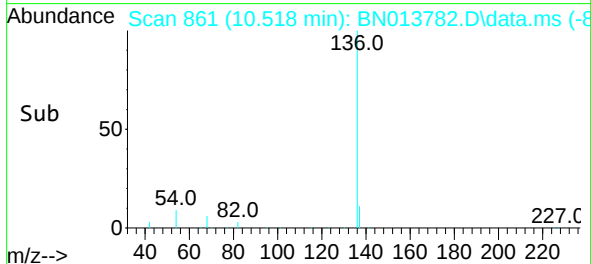
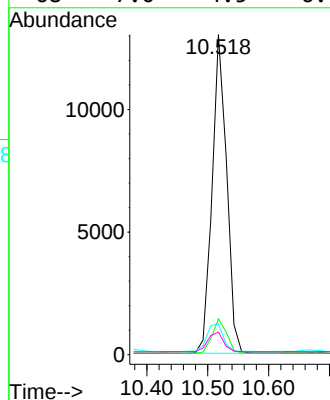
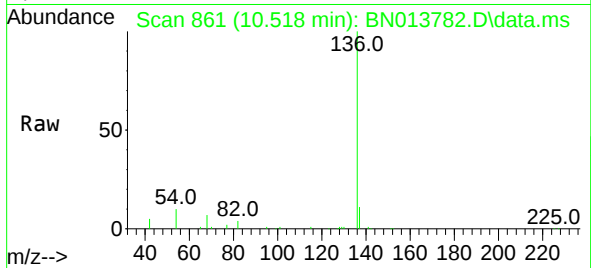




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.518 min Scan# 861  
Delta R.T. -0.013 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

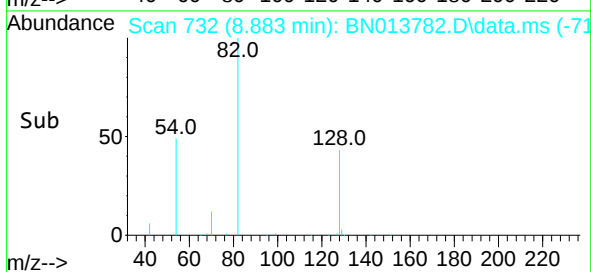
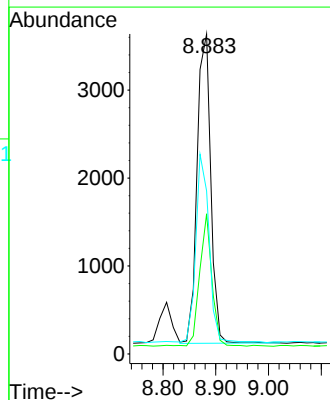
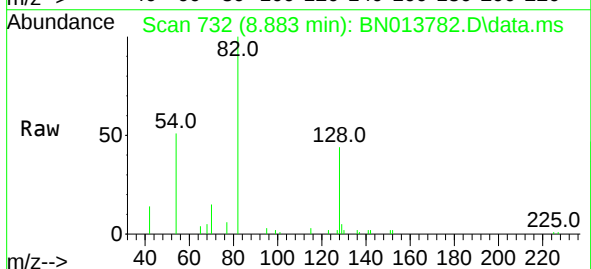
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ClientSampleId :  
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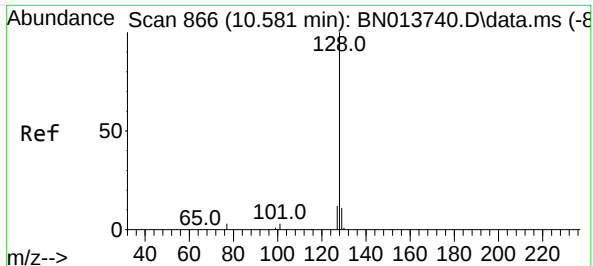
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 21523 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.2  | 9.0   | 13.6  |
| 54        | 9.7   | 6.4   | 9.6#  |
| 68        | 7.0   | 4.5   | 6.7#  |



#8  
Nitrobenzene-d5  
Concen: 0.46 ng  
RT: 8.883 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 6349 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 43.8  | 39.2  | 58.8 |
| 54        | 50.9  | 40.1  | 60.1 |

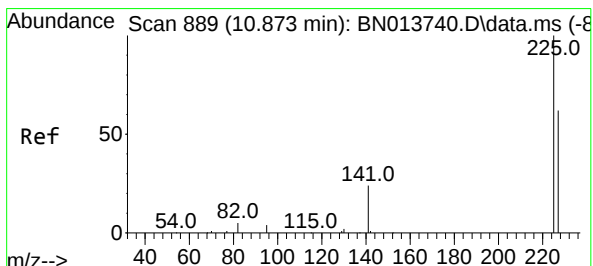
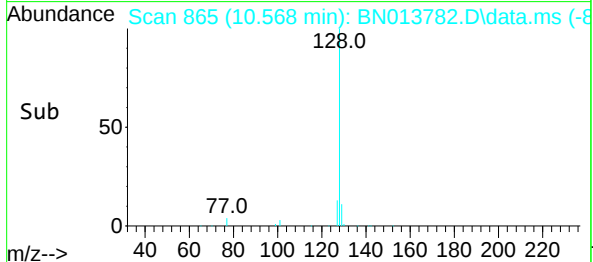
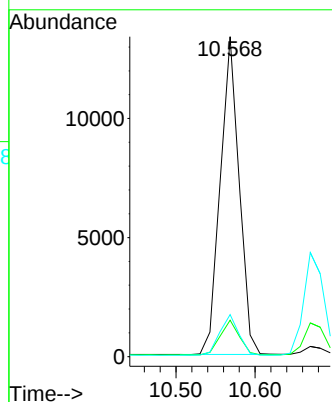
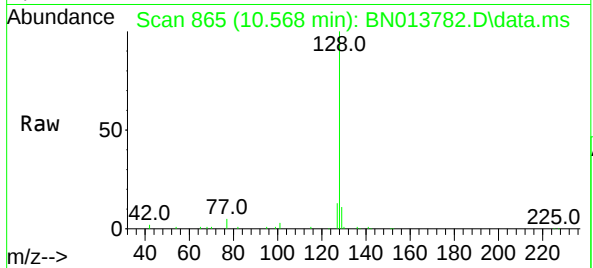




#9  
Naphthalene  
Concen: 0.42 ng  
RT: 10.568 min Scan# 865  
Delta R.T. -0.000 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

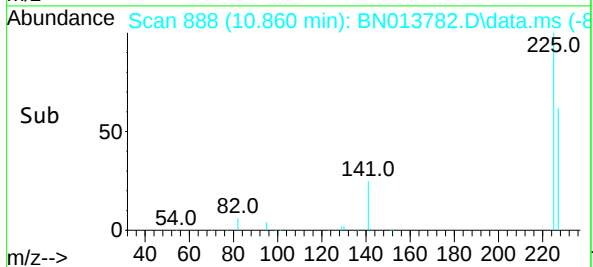
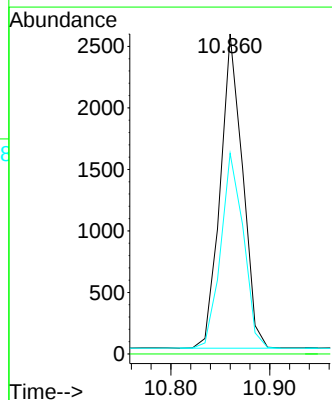
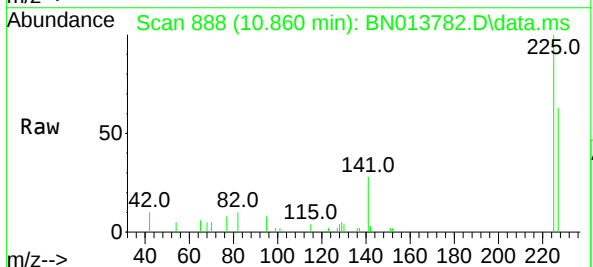
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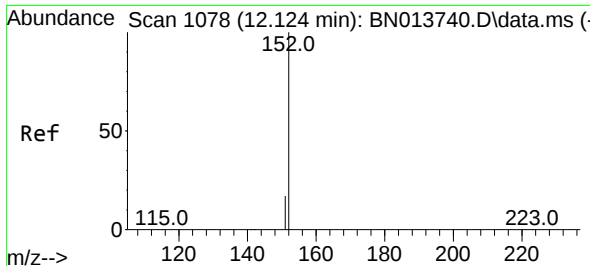
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|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 22122 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 11.4  | 9.0   | 13.4  |
| 127       | 13.2  | 10.4  | 15.6  |



#10  
Hexachlorobutadiene  
Concen: 0.39 ng  
RT: 10.860 min Scan# 888  
Delta R.T. -0.013 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 4003 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 0.0   | 0.0   | 0.0  |
| 227       | 63.0  | 51.2  | 76.8 |

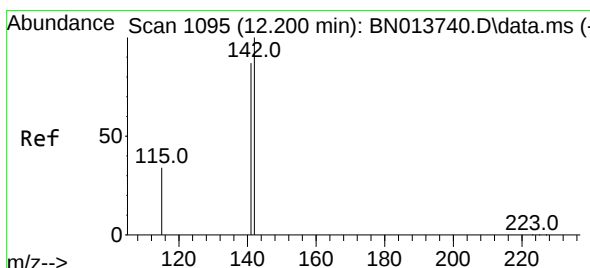
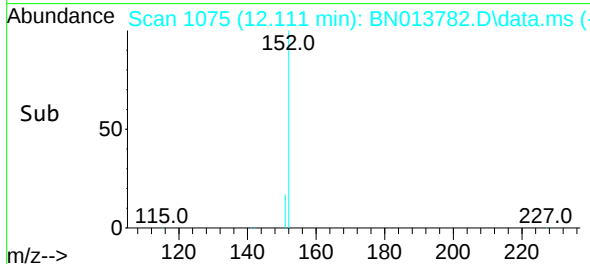
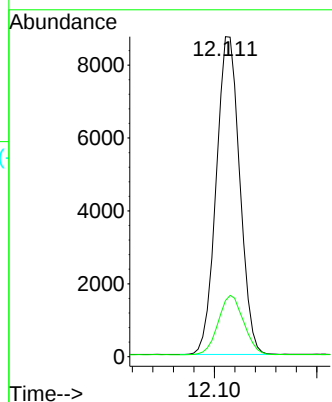
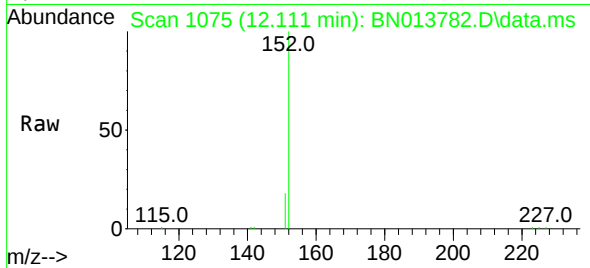




#11  
2-Methylnaphthalene-d10  
Concen: 0.40 ng  
RT: 12.111 min Scan# 1075  
Delta R.T. -0.009 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

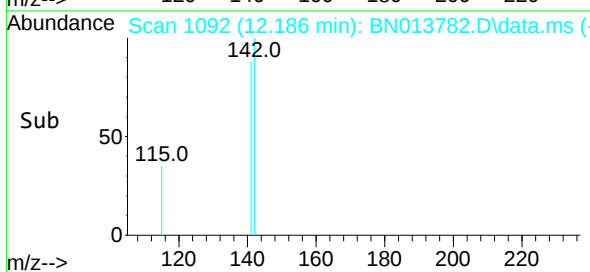
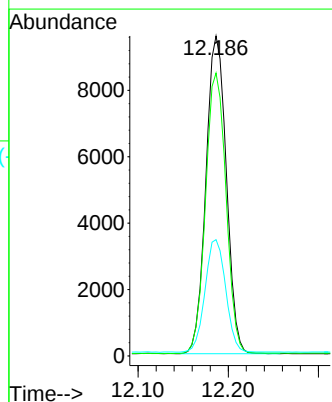
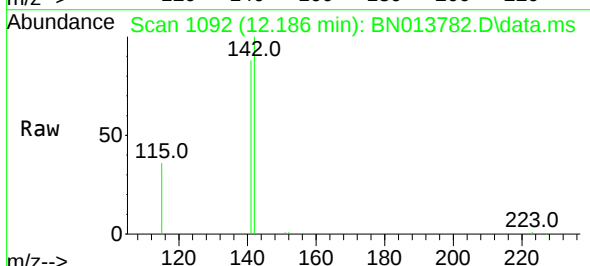
Instrument :  
BNA\_N  
ClientSampleId :  
PB134842BS

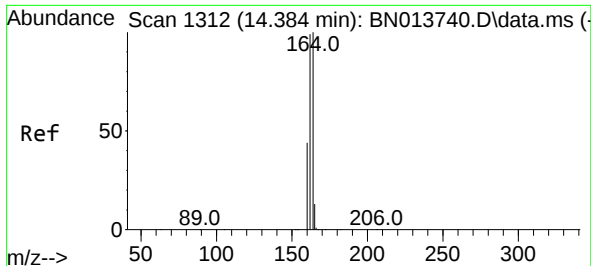
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Ion Ratio Lower Upper  
152 100  
151 20.2 16.2 24.2



#12  
2-Methylnaphthalene  
Concen: 0.40 ng  
RT: 12.186 min Scan# 1092  
Delta R.T. -0.009 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

Tgt Ion:142 Resp: 15043  
Ion Ratio Lower Upper  
142 100  
141 88.4 70.5 105.7  
115 36.4 27.4 41.0

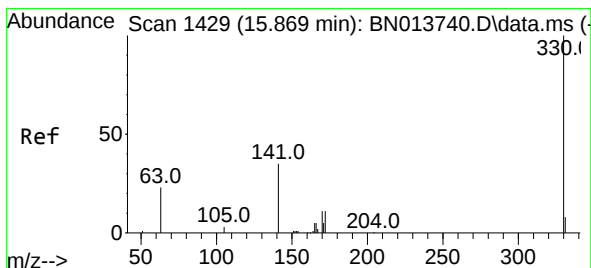
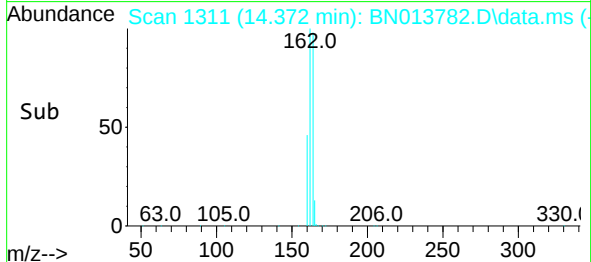
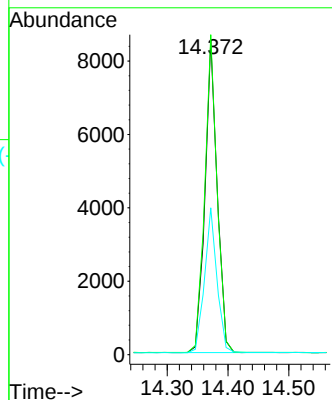
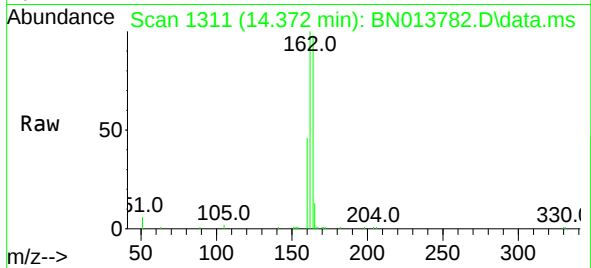




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.372 min Scan# 1311  
Delta R.T. -0.000 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

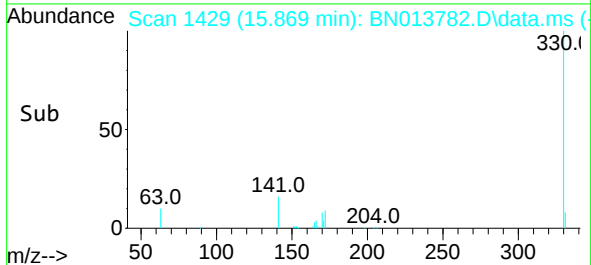
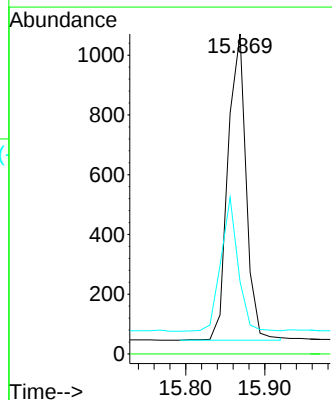
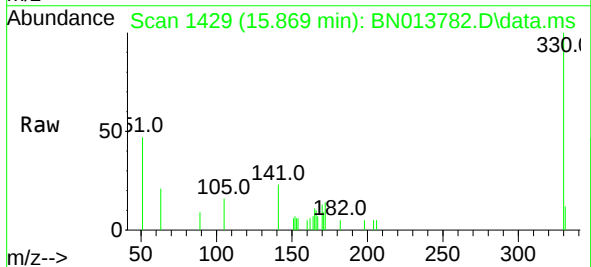
Instrument :  
BNA\_N  
ClientSampleId :  
PB134842BS

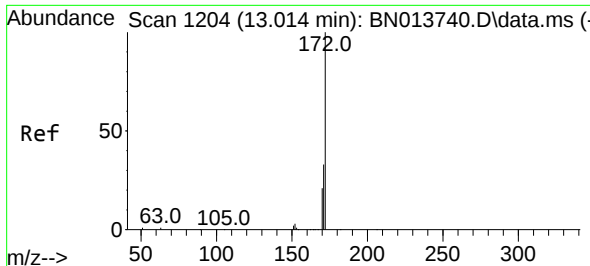
Tgt Ion:164 Resp: 11929  
Ion Ratio Lower Upper  
164 100  
162 101.7 79.6 119.4  
160 46.7 36.0 54.0



#14  
2,4,6-Tribromophenol  
Concen: 0.34 ng  
RT: 15.869 min Scan# 1429  
Delta R.T. -0.000 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

Tgt Ion:330 Resp: 1637  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 41.5 26.8 40.2#

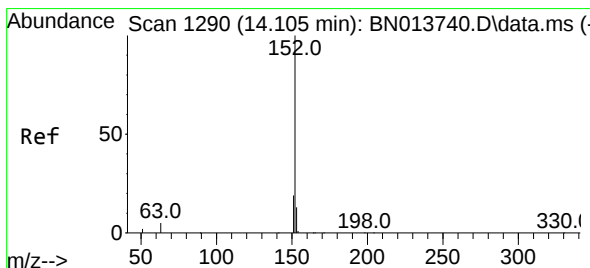
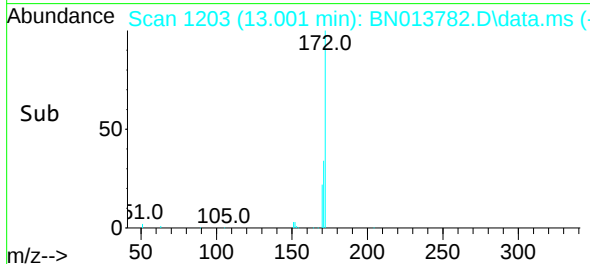
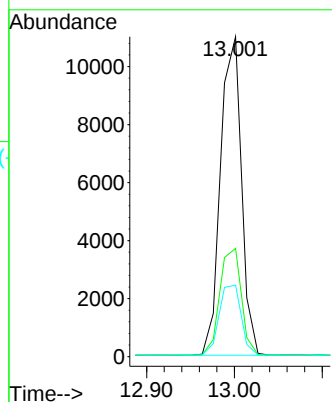
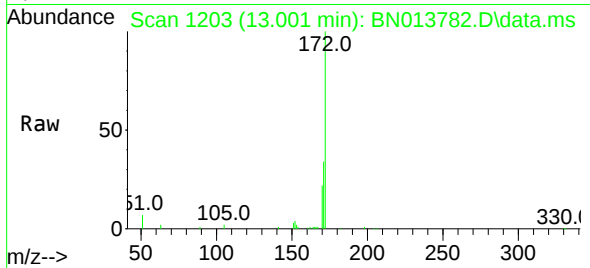




#15  
2-Fluorobiphenyl  
Concen: 0.43 ng  
RT: 13.001 min Scan# 1203  
Delta R.T. -0.000 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

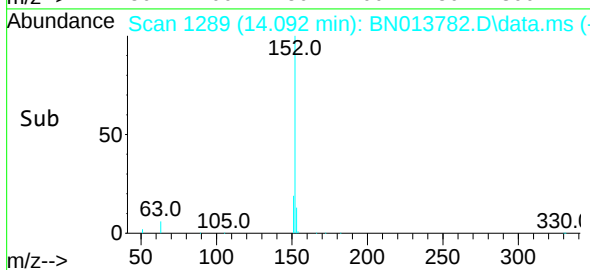
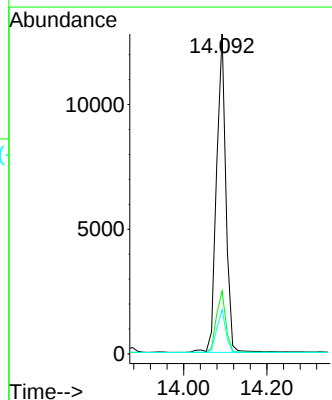
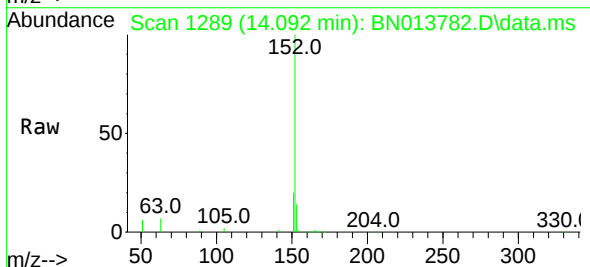
Instrument :  
BNA\_N  
ClientSampleId :  
PB134842BS

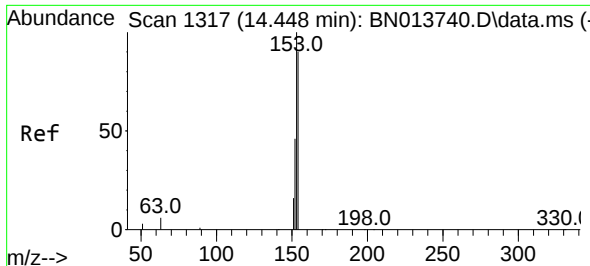
Tgt Ion:172 Resp: 18223  
Ion Ratio Lower Upper  
172 100  
171 33.9 28.6 42.8  
170 22.4 18.9 28.3



#16  
Acenaphthylene  
Concen: 0.37 ng  
RT: 14.092 min Scan# 1289  
Delta R.T. -0.000 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

Tgt Ion:152 Resp: 19829  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.7 23.5  
153 13.1 10.5 15.7

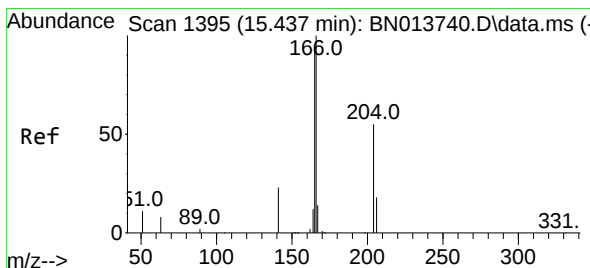
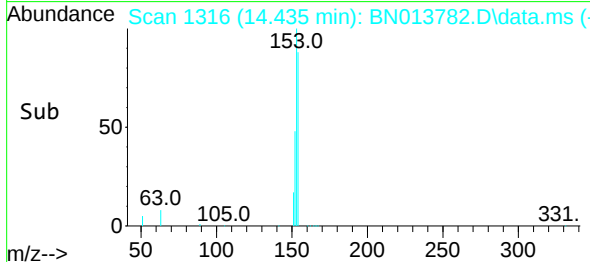
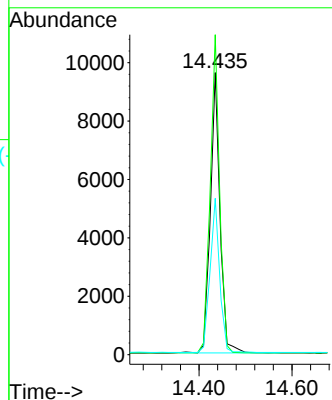
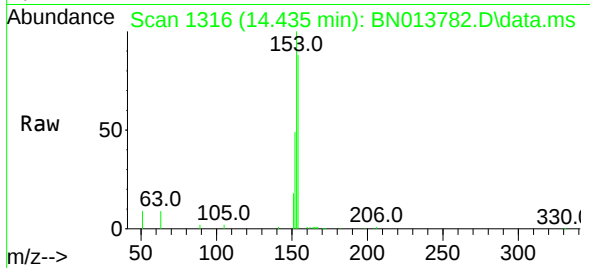




#17  
Acenaphthene  
Concen: 0.42 ng  
RT: 14.435 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

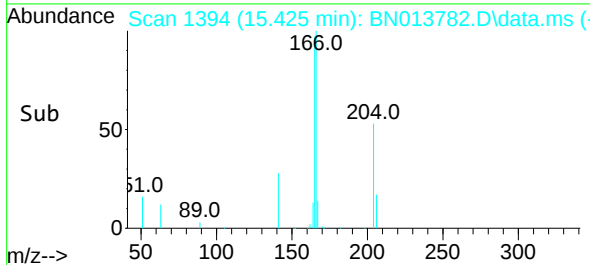
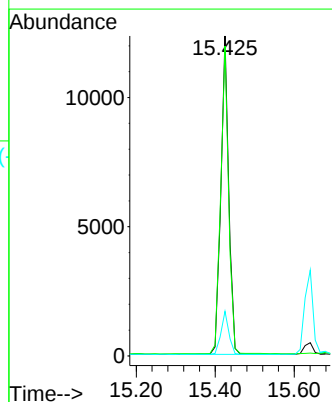
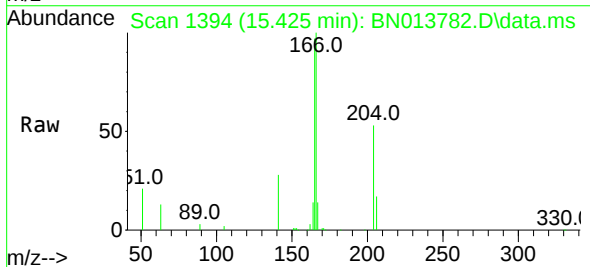
Instrument :  
BNA\_N  
ClientSampleId :  
PB134842BS

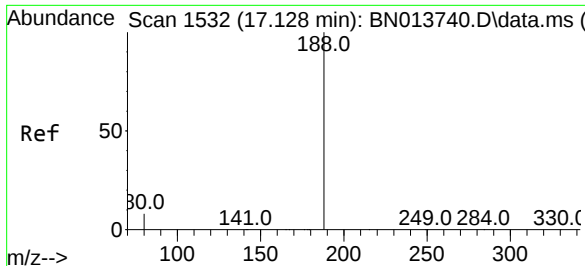
Tgt Ion:154 Resp: 13810  
Ion Ratio Lower Upper  
154 100  
153 111.4 88.4 132.6  
152 55.0 43.0 64.4



#18  
Fluorene  
Concen: 0.40 ng  
RT: 15.425 min Scan# 1394  
Delta R.T. -0.000 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

Tgt Ion:166 Resp: 17013  
Ion Ratio Lower Upper  
166 100  
165 97.8 77.8 116.8  
167 13.6 10.6 16.0

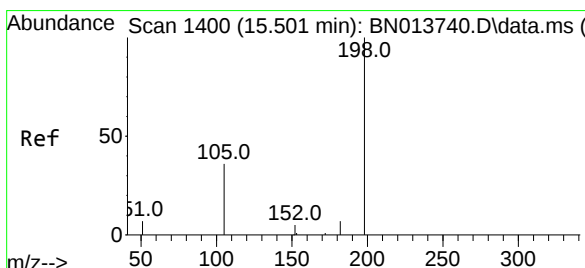
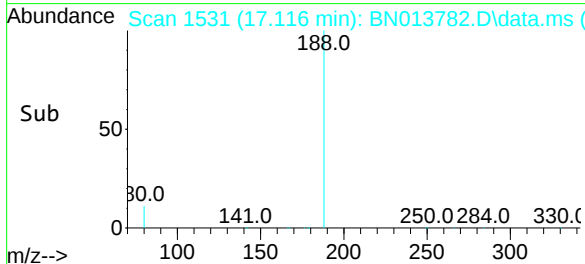
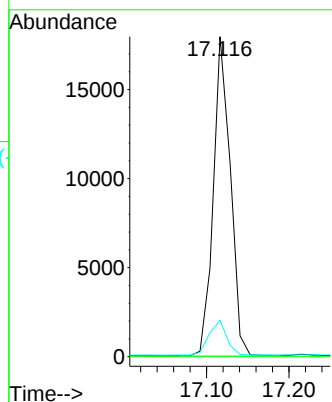
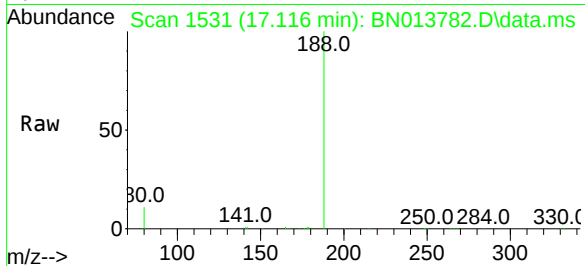




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.116 min Scan# 1531  
Delta R.T. -0.012 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

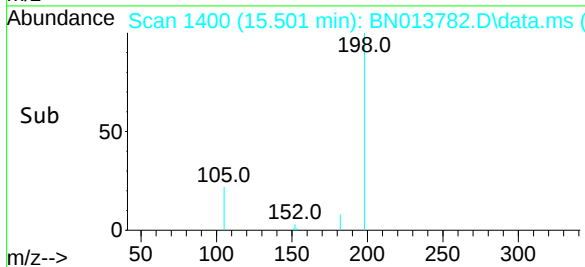
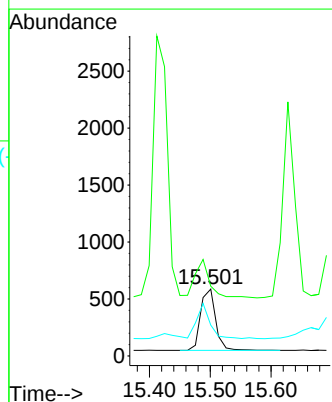
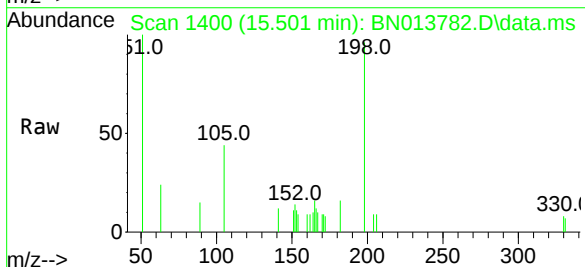
Instrument :  
BNA\_N  
ClientSampleId :  
PB134842BS

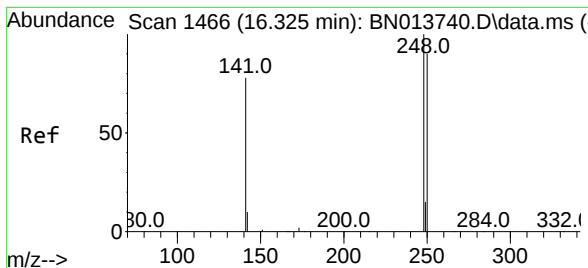
Tgt Ion:188 Resp: 25664  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.3 9.0 13.6



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.52 ng  
RT: 15.501 min Scan# 1400  
Delta R.T. -0.000 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

Tgt Ion:198 Resp: 928  
Ion Ratio Lower Upper  
198 100  
51 104.4 61.7 92.5#  
105 46.2 33.0 49.6

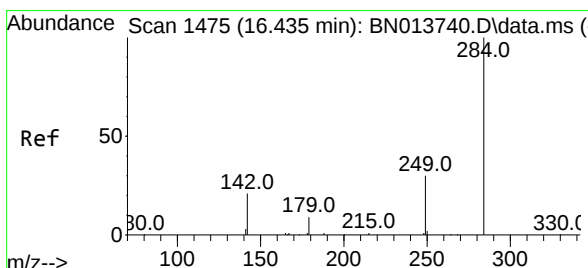
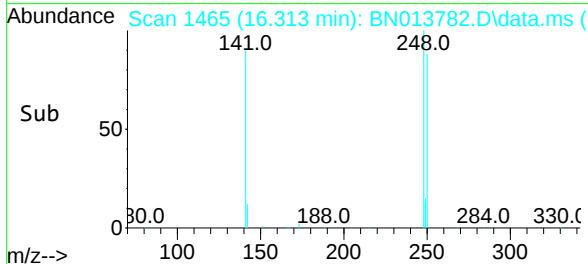
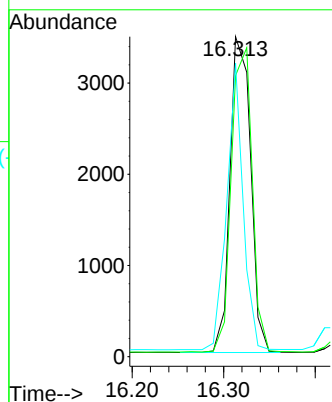
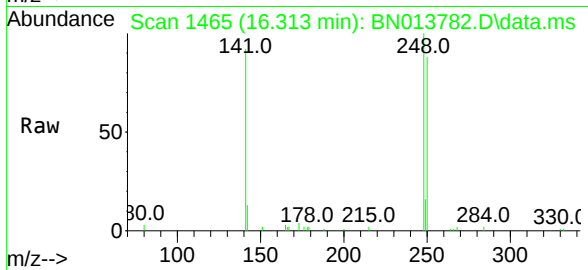




#21  
4-Bromophenyl-phenylether  
Concen: 0.39 ng  
RT: 16.313 min Scan# 1465  
Delta R.T. -0.012 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

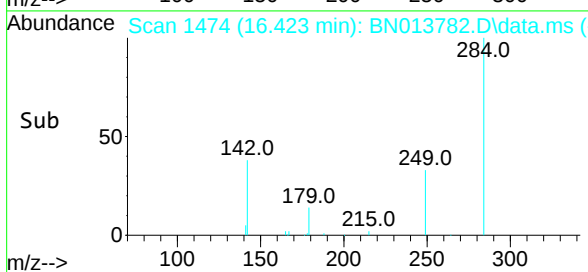
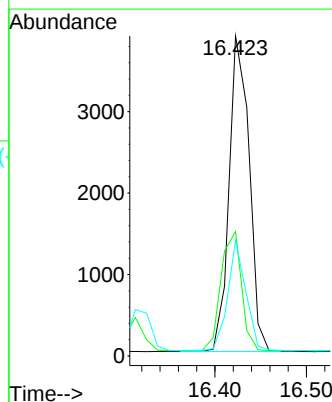
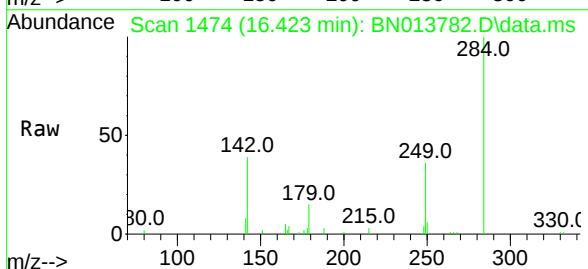
Instrument :  
BNA\_N  
ClientSampleId :  
PB134842BS

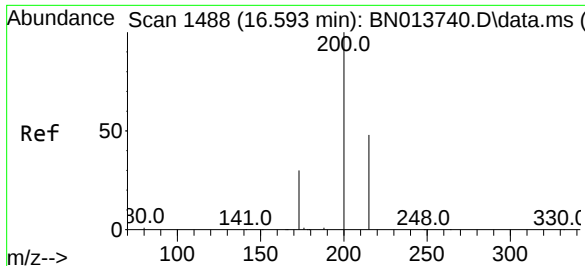
Tgt Ion:248 Resp: 5415  
Ion Ratio Lower Upper  
248 100  
250 87.9 75.5 113.3  
141 91.7 53.8 80.8#



#22  
Hexachlorobenzene  
Concen: 0.40 ng  
RT: 16.423 min Scan# 1474  
Delta R.T. -0.012 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

Tgt Ion:284 Resp: 5891  
Ion Ratio Lower Upper  
284 100  
142 38.8 27.9 41.9  
249 31.4 24.2 36.2

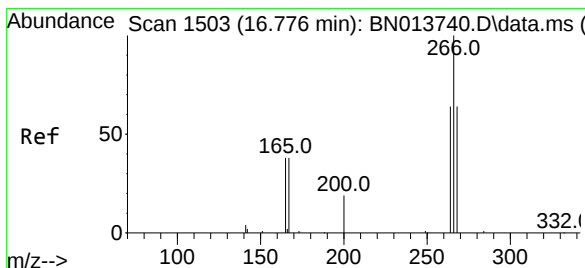
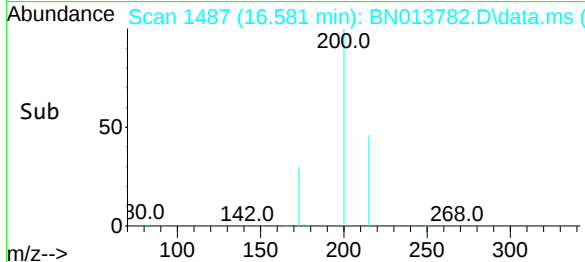
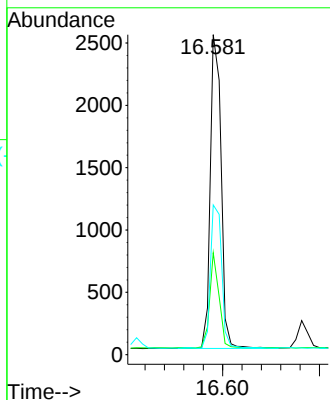
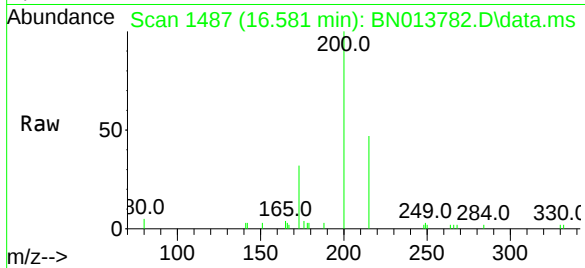




#23  
Atrazine  
Concen: 0.30 ng  
RT: 16.581 min Scan# 1487  
Delta R.T. -0.012 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

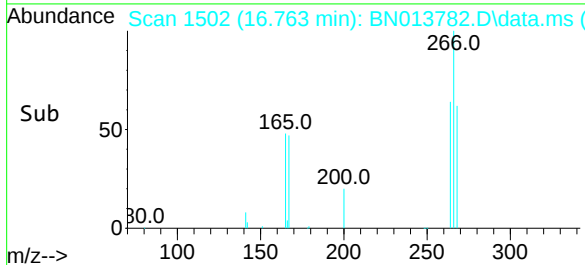
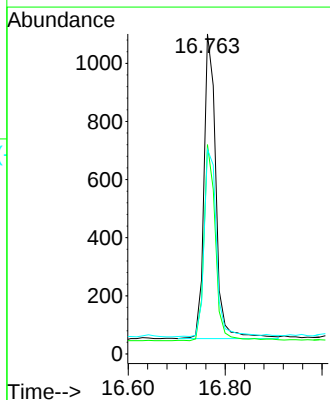
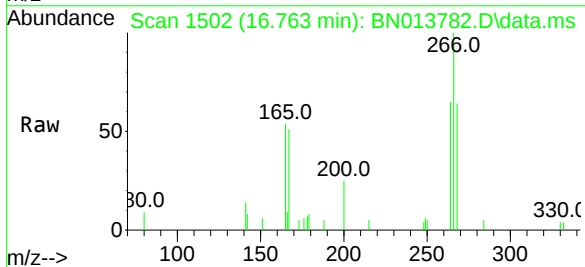
Instrument :  
BNA\_N  
ClientSampleId :  
PB134842BS

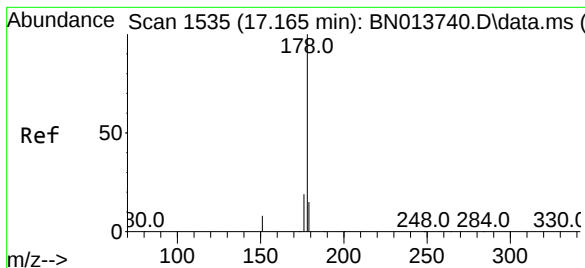
Tgt Ion:200 Resp: 3904  
Ion Ratio Lower Upper  
200 100  
173 31.8 18.6 28.0#  
215 46.8 41.0 61.6



#24  
Pentachlorophenol  
Concen: 0.38 ng  
RT: 16.763 min Scan# 1502  
Delta R.T. -0.012 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

Tgt Ion:266 Resp: 1796  
Ion Ratio Lower Upper  
266 100  
264 62.1 51.6 77.4  
268 64.0 54.6 82.0





#25

Phenanthrene

Concen: 0.42 ng

RT: 17.165 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BN013782.D

Acq: 26 Feb 2021 14:17

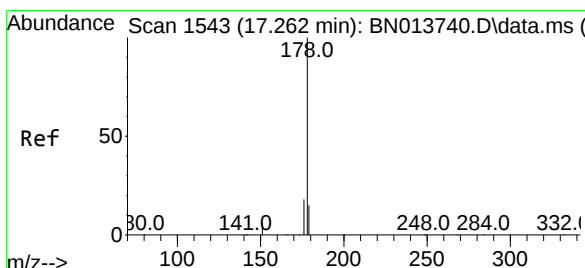
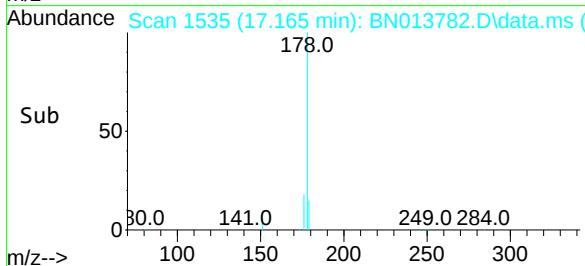
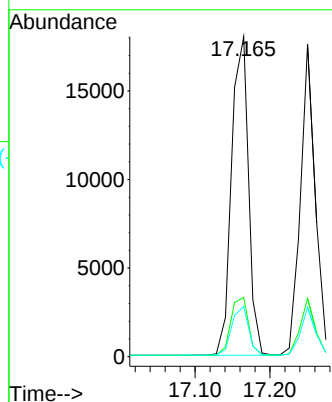
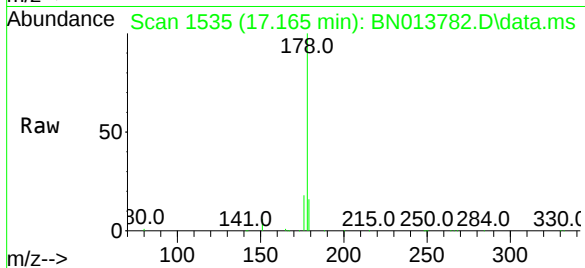
Tgt Ion:178 Resp: 28253

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.2 12.3 18.5



#26

Anthracene

Concen: 0.37 ng

RT: 17.250 min Scan# 1542

Delta R.T. 0.000 min

Lab File: BN013782.D

Acq: 26 Feb 2021 14:17

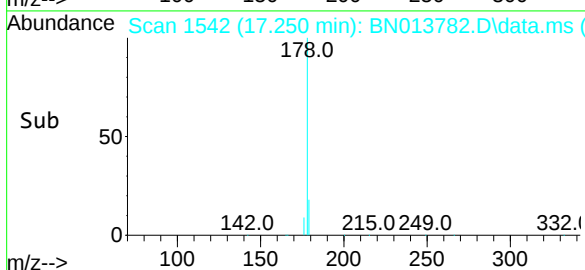
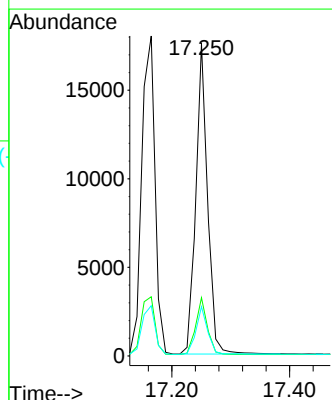
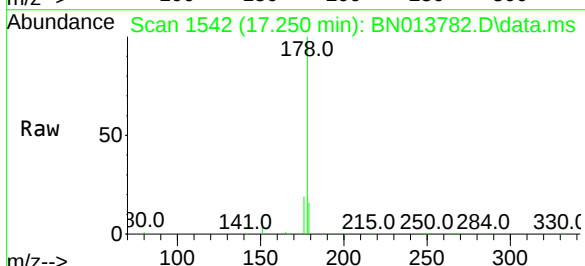
Tgt Ion:178 Resp: 24372

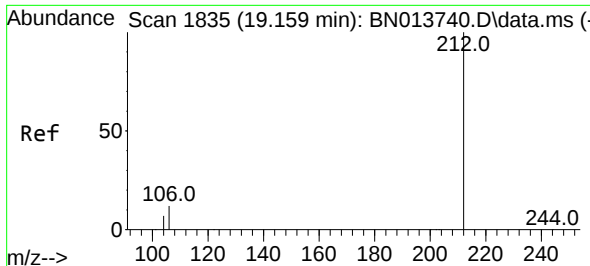
Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

179 15.3 12.2 18.2

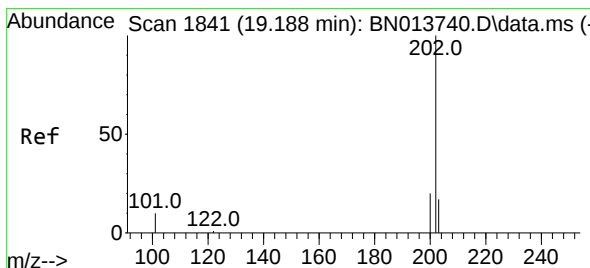
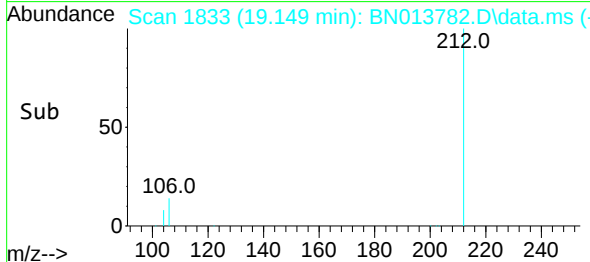
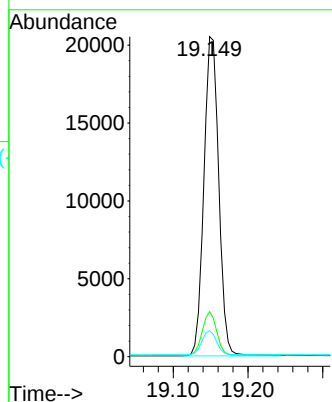
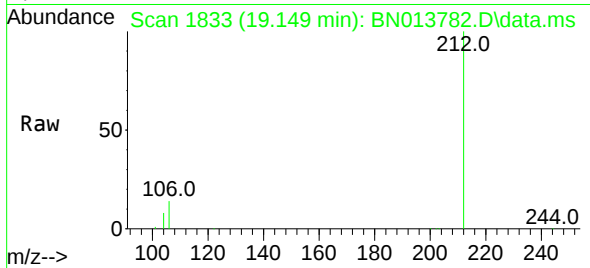




#27  
Fluoranthene-d10  
Concen: 0.37 ng  
RT: 19.149 min Scan# 1833  
Delta R.T. -0.007 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

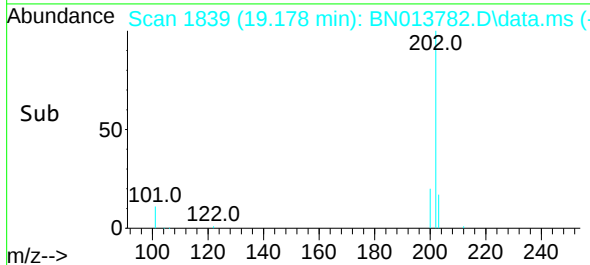
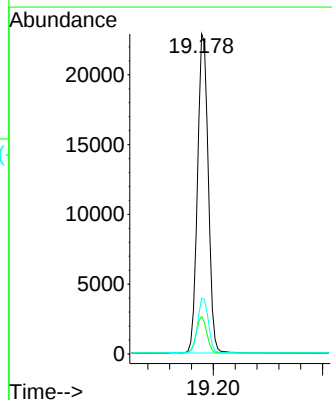
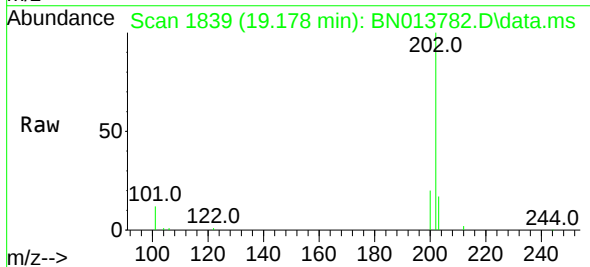
Instrument :  
BNA\_N  
ClientSampleId :  
PB134842BS

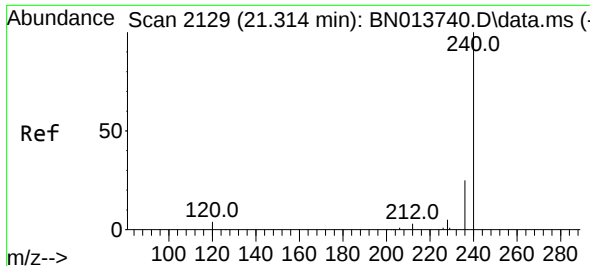
Tgt Ion:212 Resp: 28331  
Ion Ratio Lower Upper  
212 100  
106 13.1 9.7 14.5  
104 7.4 5.5 8.3



#28  
Fluoranthene  
Concen: 0.39 ng  
RT: 19.178 min Scan# 1839  
Delta R.T. -0.007 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

Tgt Ion:202 Resp: 31165  
Ion Ratio Lower Upper  
202 100  
101 11.3 8.1 12.1  
203 17.2 13.9 20.9

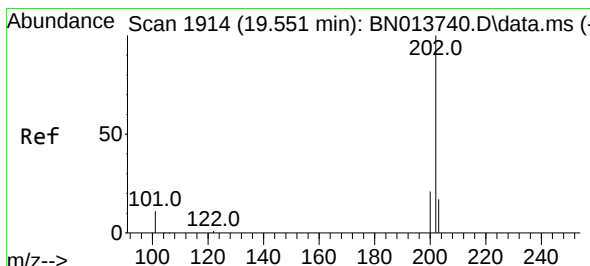
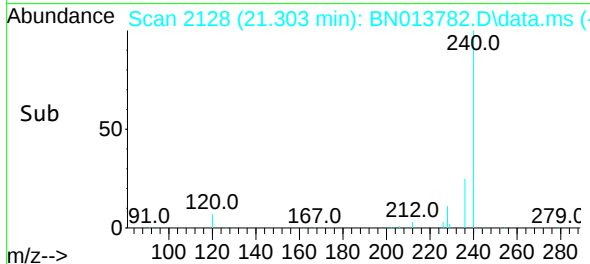
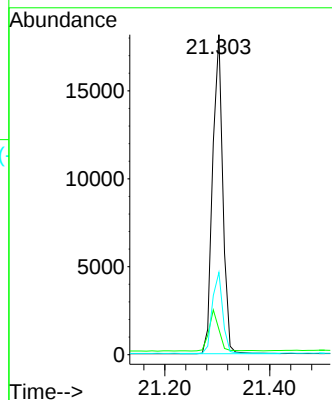
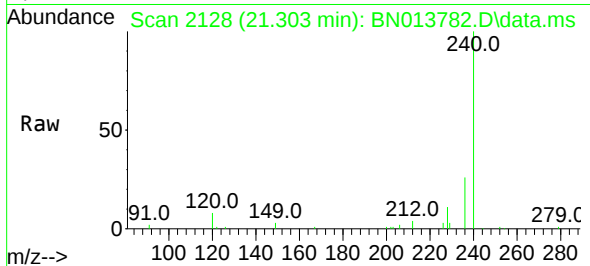




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.303 min Scan# 2128  
Delta R.T. 0.003 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

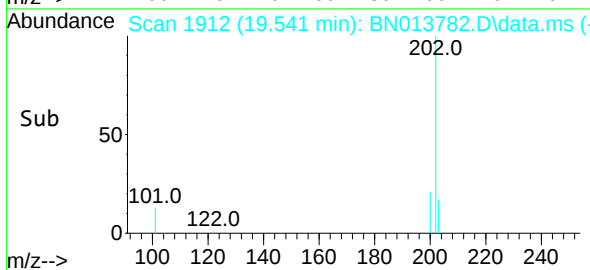
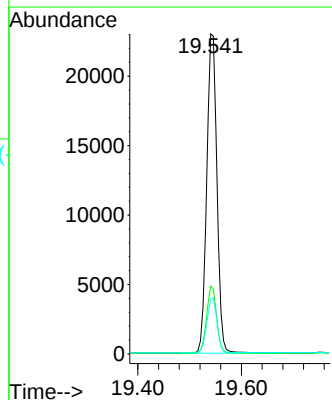
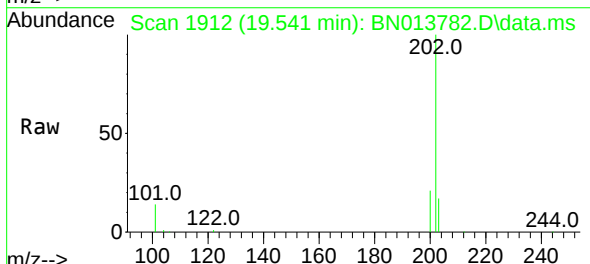
Instrument :  
BNA\_N  
ClientSampleId :  
PB134842BS

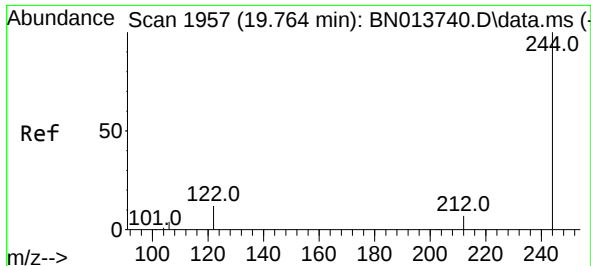
Tgt Ion:240 Resp: 24299  
Ion Ratio Lower Upper  
240 100  
120 7.9 10.2 15.4#  
236 25.7 21.3 31.9



#30  
Pyrene  
Concen: 0.42 ng  
RT: 19.541 min Scan# 1912  
Delta R.T. -0.007 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

Tgt Ion:202 Resp: 31548  
Ion Ratio Lower Upper  
202 100  
200 20.6 16.3 24.5  
203 17.4 14.0 21.0

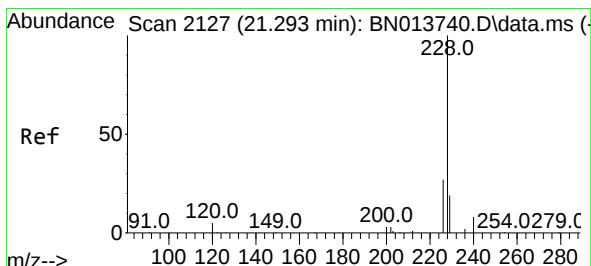
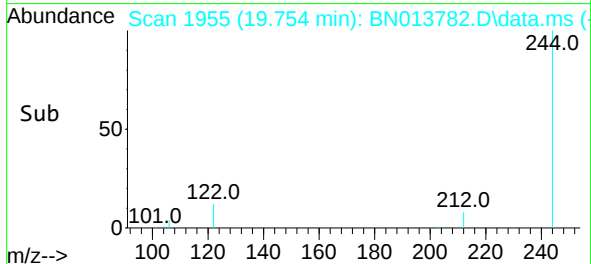
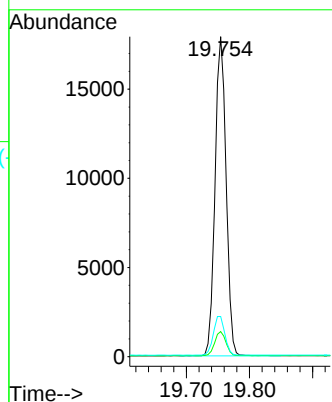
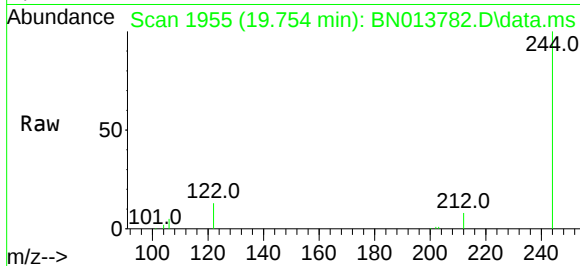




#31  
 Terphenyl-d14  
 Concen: 0.40 ng  
 RT: 19.754 min Scan# 1955  
 Delta R.T. -0.007 min  
 Lab File: BN013782.D  
 Acq: 26 Feb 2021 14:17

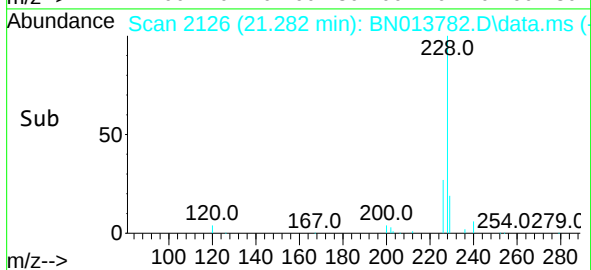
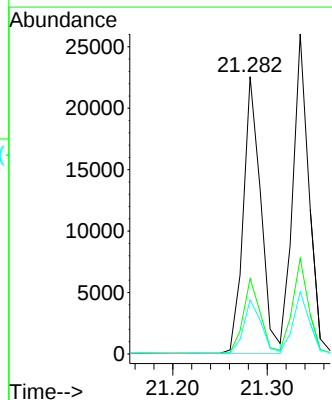
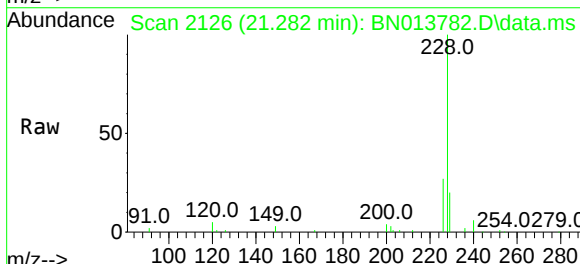
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB134842BS

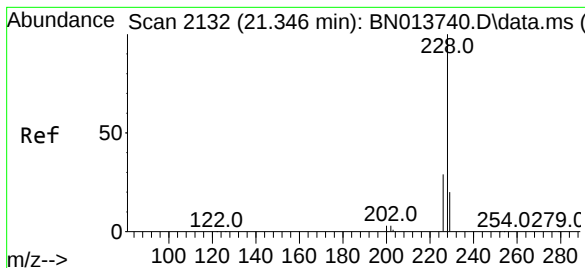
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:244 | Resp: | 21729    |
| Ion Ratio   | Lower | Upper    |
| 244         | 100   |          |
| 212         | 7.9   | 6.1 9.1  |
| 122         | 12.5  | 9.8 14.8 |



#32  
 Benzo(a)anthracene  
 Concen: 0.39 ng  
 RT: 21.282 min Scan# 2126  
 Delta R.T. -0.008 min  
 Lab File: BN013782.D  
 Acq: 26 Feb 2021 14:17

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:228 | Resp: | 28916     |
| Ion Ratio   | Lower | Upper     |
| 228         | 100   |           |
| 226         | 27.2  | 20.5 30.7 |
| 229         | 19.5  | 16.2 24.4 |





#33

Chrysene

Concen: 0.42 ng

RT: 21.335 min Scan# 2131

Delta R.T. -0.008 min

Lab File: BN013782.D

Acq: 26 Feb 2021 14:17

Tgt Ion:228 Resp: 30531

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

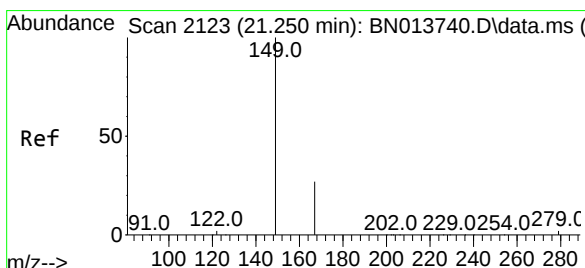
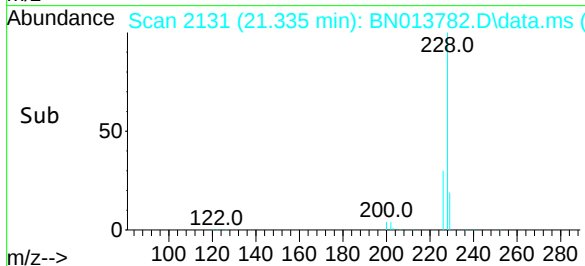
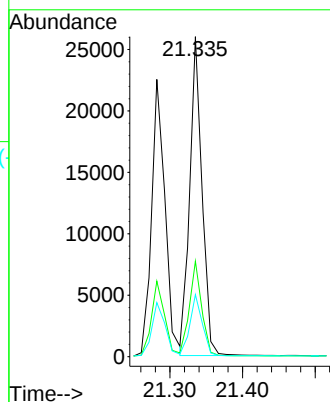
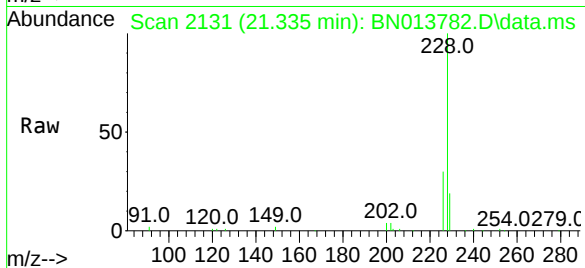
229 19.4 15.1 22.7

Instrument :

BNA\_N

ClientSampleId :

PB134842BS



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.27 ng

RT: 21.229 min Scan# 2121

Delta R.T. -0.008 min

Lab File: BN013782.D

Acq: 26 Feb 2021 14:17

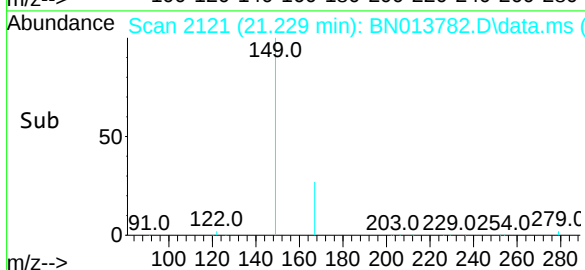
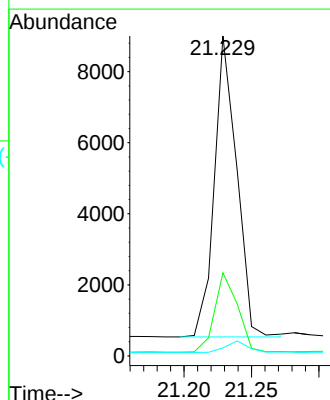
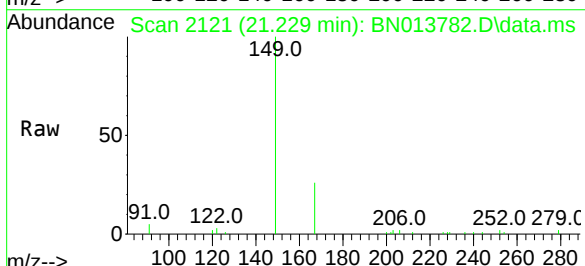
Tgt Ion:149 Resp: 9736

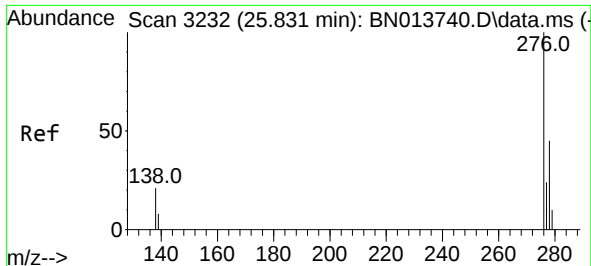
Ion Ratio Lower Upper

149 100

167 27.2 22.1 33.1

279 4.0 3.5 5.3

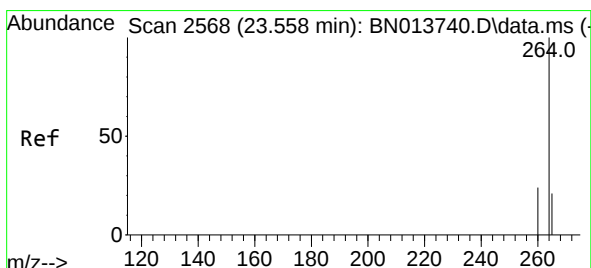
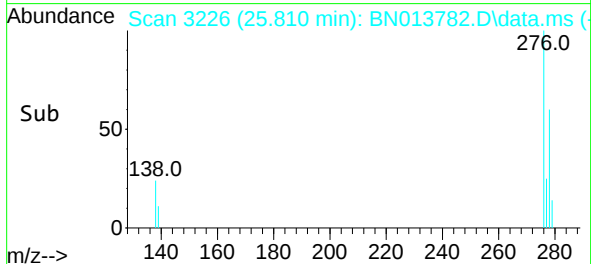
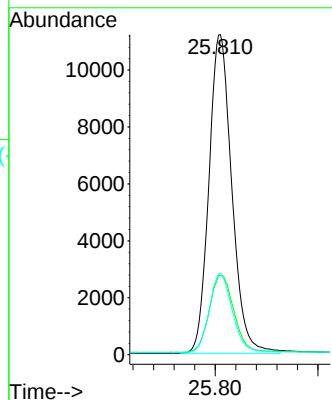
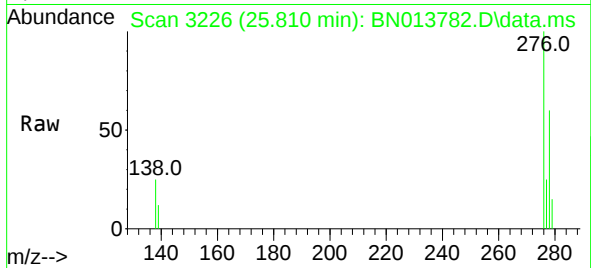




#35  
Indeno(1,2,3-cd)pyrene  
Concen: 0.39 ng  
RT: 25.810 min Scan# 3226  
Delta R.T. -0.008 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

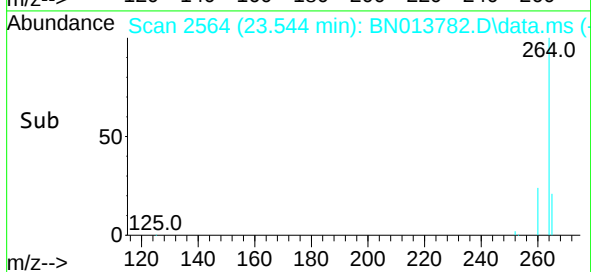
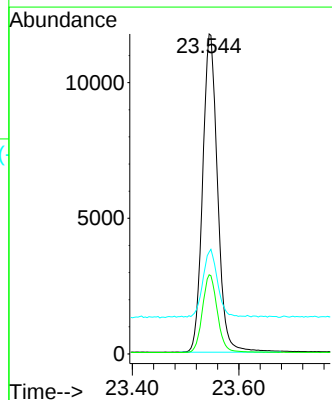
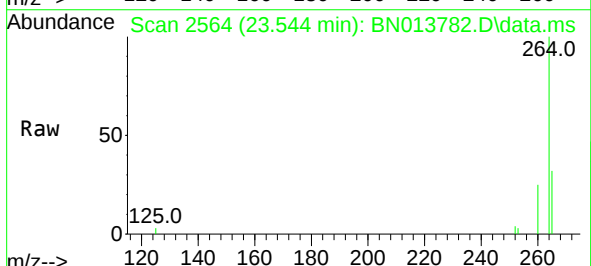
Instrument :  
BNA\_N  
ClientSampleId :  
PB134842BS

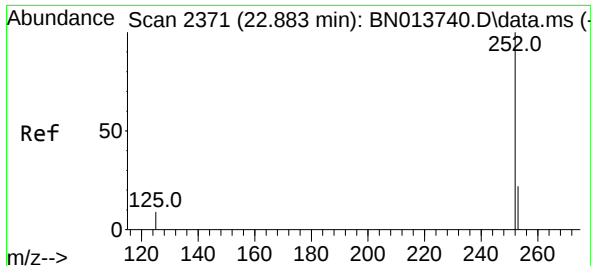
Tgt Ion:276 Resp: 34578  
Ion Ratio Lower Upper  
276 100  
138 25.9 19.8 29.6  
277 24.9 19.9 29.9



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.544 min Scan# 2564  
Delta R.T. -0.008 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

Tgt Ion:264 Resp: 22839  
Ion Ratio Lower Upper  
264 100  
260 24.7 19.3 28.9  
265 31.8 66.2 99.4#

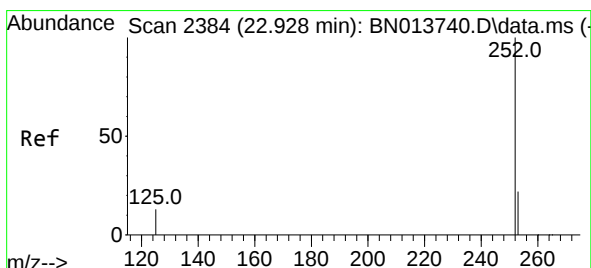
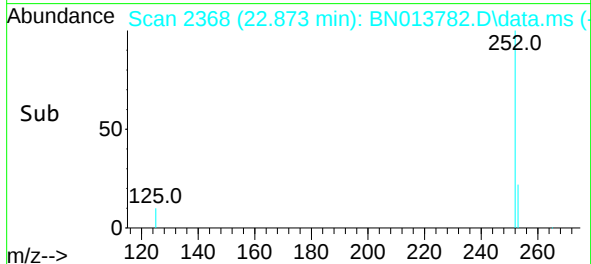
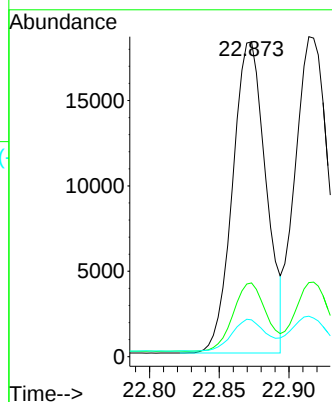
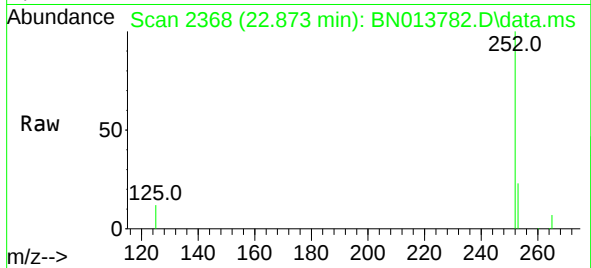




#37  
Benzo(b)fluoranthene  
Concen: 0.42 ng  
RT: 22.873 min Scan# 2368  
Delta R.T. -0.004 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

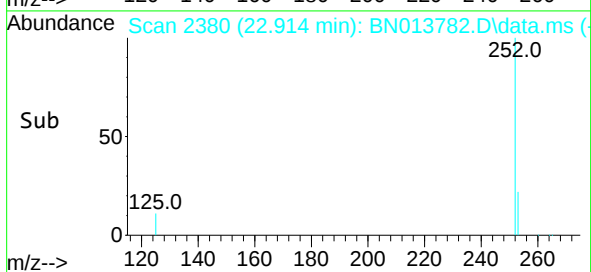
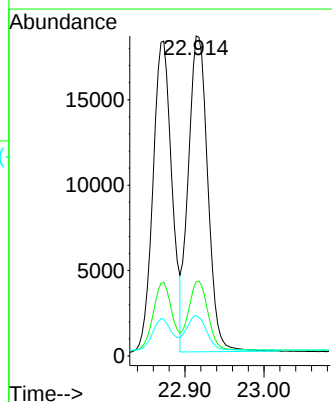
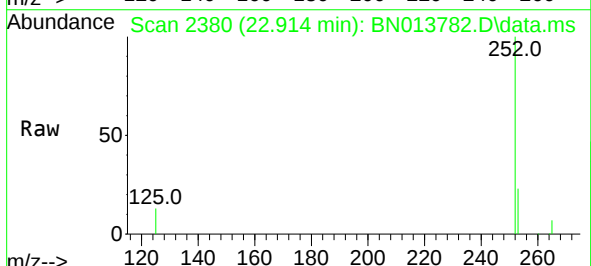
Instrument :  
BNA\_N  
ClientSampleId :  
PB134842BS

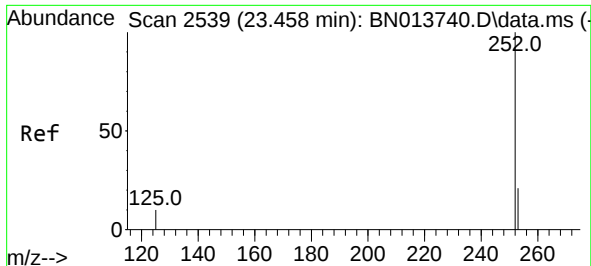
Tgt Ion:252 Resp: 30319  
Ion Ratio Lower Upper  
252 100  
253 23.4 20.4 30.6  
125 11.7 11.6 17.4



#38  
Benzo(k)fluoranthene  
Concen: 0.45 ng  
RT: 22.914 min Scan# 2380  
Delta R.T. -0.008 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

Tgt Ion:252 Resp: 31553  
Ion Ratio Lower Upper  
252 100  
253 23.2 20.5 30.7  
125 12.6 12.3 18.5





#39

Benzo(a)pyrene

Concen: 0.40 ng

RT: 23.448 min Scan# 2536

Delta R.T. -0.008 min

Lab File: BN013782.D

Acq: 26 Feb 2021 14:17

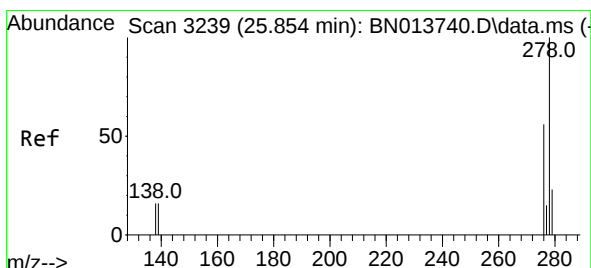
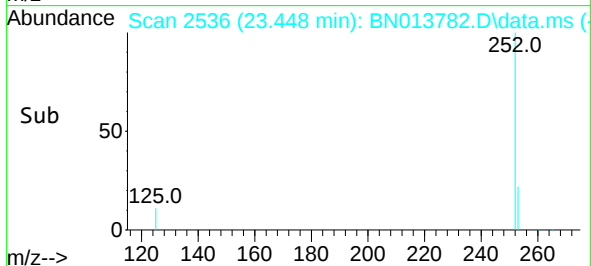
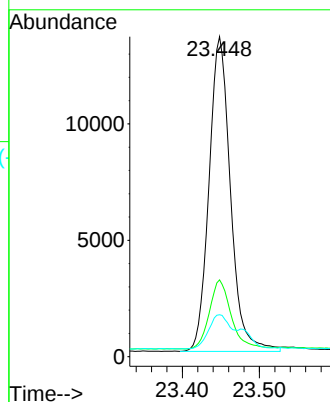
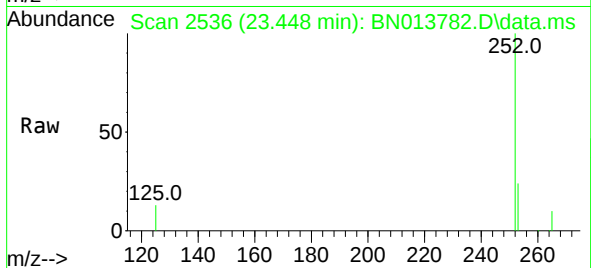
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:252 | Resp: | 26167      |
| Ion Ratio   | Lower | Upper      |
| 252         | 100   |            |
| 253         | 24.0  | 21.8 32.6  |
| 125         | 13.1  | 14.6 21.8# |

Instrument :

BNA\_N

ClientSampleId :

PB134842BS



#40

Dibenzo(a,h)anthracene

Concen: 0.42 ng

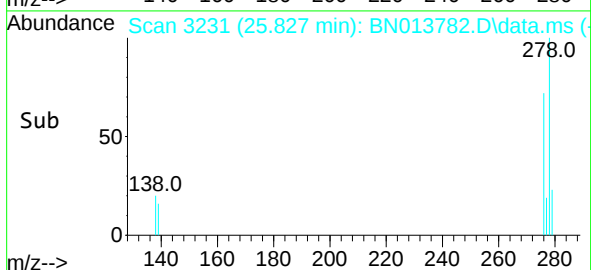
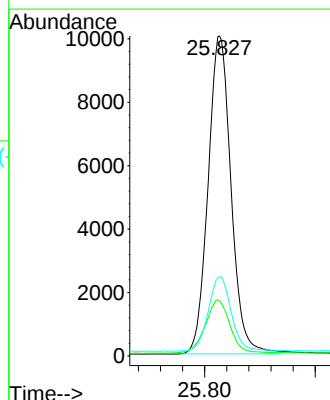
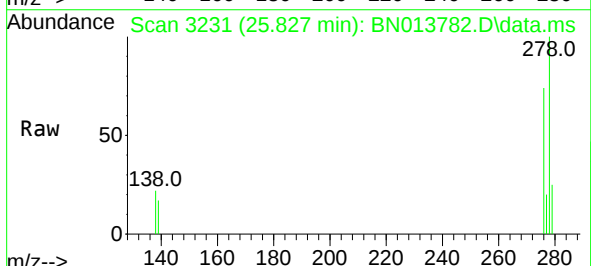
RT: 25.827 min Scan# 3231

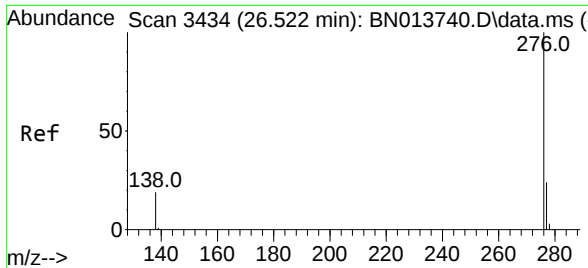
Delta R.T. -0.011 min

Lab File: BN013782.D

Acq: 26 Feb 2021 14:17

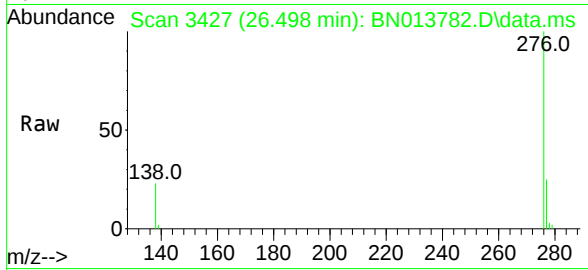
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:278 | Resp: | 28946     |
| Ion Ratio   | Lower | Upper     |
| 278         | 100   |           |
| 139         | 17.3  | 13.1 19.7 |
| 279         | 24.7  | 21.4 32.0 |





#41  
Benzo(g,h,i)perylene  
Concen: 0.41 ng  
RT: 26.498 min Scan# 3427  
Delta R.T. -0.011 min  
Lab File: BN013782.D  
Acq: 26 Feb 2021 14:17

Instrument :  
BNA\_N  
ClientSampleId :  
PB134842BS



Tgt Ion:276 Resp: 28654  
Ion Ratio Lower Upper  
276 100  
277 24.7 20.0 30.0  
138 22.5 17.8 26.8

