

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110920\  
 Data File : BN012512.D  
 Acq On : 09 Nov 2020 14:32  
 Operator : CG/JU  
 Sample : PB132836BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB132836BSD

Manual Integrations  
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 11/10/2020 12:02:51 PM

Quant Time: Nov 09 16:56:18 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN110420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 05 05:46:47 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.482  | 152  | 902      | 0.40 | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.250 | 136  | 3672     | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.129 | 164  | 1937     | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.883 | 188  | 3851     | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.089 | 240  | 4095     | 0.40 | ng    | #-0.01   |
| 36) Perylene-d12              | 23.224 | 264  | 5151     | 0.40 | ng    | # 0.00   |
|                               |        |      |          |      |       |          |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.090  | 112  | 1318     | 0.42 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.668  | 99   | 1706     | 0.46 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.628  | 82   | 1582     | 0.36 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.851 | 152  | 2147     | 0.36 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.638 | 330  | 563      | 0.40 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.746 | 172  | 2777     | 0.37 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 18.923 | 212  | 4372     | 0.37 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.539 | 244  | 3560     | 0.36 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.052  | 88   | 462      | 0.33 | ng    | # 71     |
| 3) n-Nitrosodimethylamine     | 3.374  | 42   | 1282     | 0.33 | ng    | # 67     |
| 6) bis(2-Chloroethyl)ether    | 6.926  | 93   | 978      | 0.39 | ng    | 87       |
| 9) Naphthalene                | 10.301 | 128  | 3765     | 0.37 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.580 | 225  | 801      | 0.36 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 11.927 | 142  | 2465     | 0.37 | ng    | # 87     |
| 16) Acenaphthylene            | 13.849 | 152  | 3531     | 0.36 | ng    | 99       |
| 17) Acenaphthene              | 14.192 | 154  | 2264     | 0.37 | ng    | 90       |
| 18) Fluorene                  | 15.194 | 166  | 2834     | 0.36 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.296 | 198  | 333      | 0.36 | ng    | # 51     |
| 21) 4-Bromophenyl-phenylether | 16.092 | 248  | 818      | 0.37 | ng    | 91       |
| 22) Hexachlorobenzene         | 16.189 | 284  | 1090     | 0.38 | ng    | # 82     |
| 23) Atrazine                  | 16.372 | 200  | 859      | 0.37 | ng    | 94       |
| 24) Pentachlorophenol         | 16.542 | 266  | 554      | 0.41 | ng    | 97       |
| 25) Phenanthrene              | 16.920 | 178  | 4348     | 0.38 | ng    | 98       |
| 26) Anthracene                | 17.017 | 178  | 3974     | 0.38 | ng    | 98       |
| 28) Fluoranthene              | 18.953 | 202  | 4987     | 0.37 | ng    | 100      |
| 30) Pyrene                    | 19.320 | 202  | 5172     | 0.38 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.078 | 228  | 4988     | 0.38 | ng    | 99       |
| 33) Chrysene                  | 21.131 | 228  | 4938     | 0.36 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.025 | 149  | 3211     | 0.36 | ng    | 92       |
| 35) Indeno(1,2,3-cd)pyrene    | 25.319 | 276  | 8518     | 0.41 | ng    | # 96     |
| 37) Benzo(b)fluoranthene      | 22.591 | 252  | 6203m    | 0.38 | ng    |          |
| 38) Benzo(k)fluoranthene      | 22.632 | 252  | 6216     | 0.36 | ng    | 94       |
| 39) Benzo(a)pyrene            | 23.128 | 252  | 6500     | 0.40 | ng    | # 35     |
| 40) Dibenzo(a,h)anthracene    | 25.332 | 278  | 6883     | 0.38 | ng    | 96       |
| 41) Benzo(g,h,i)perylene      | 25.955 | 276  | 7266     | 0.39 | ng    | 98       |
| -----                         |        |      |          |      |       |          |

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

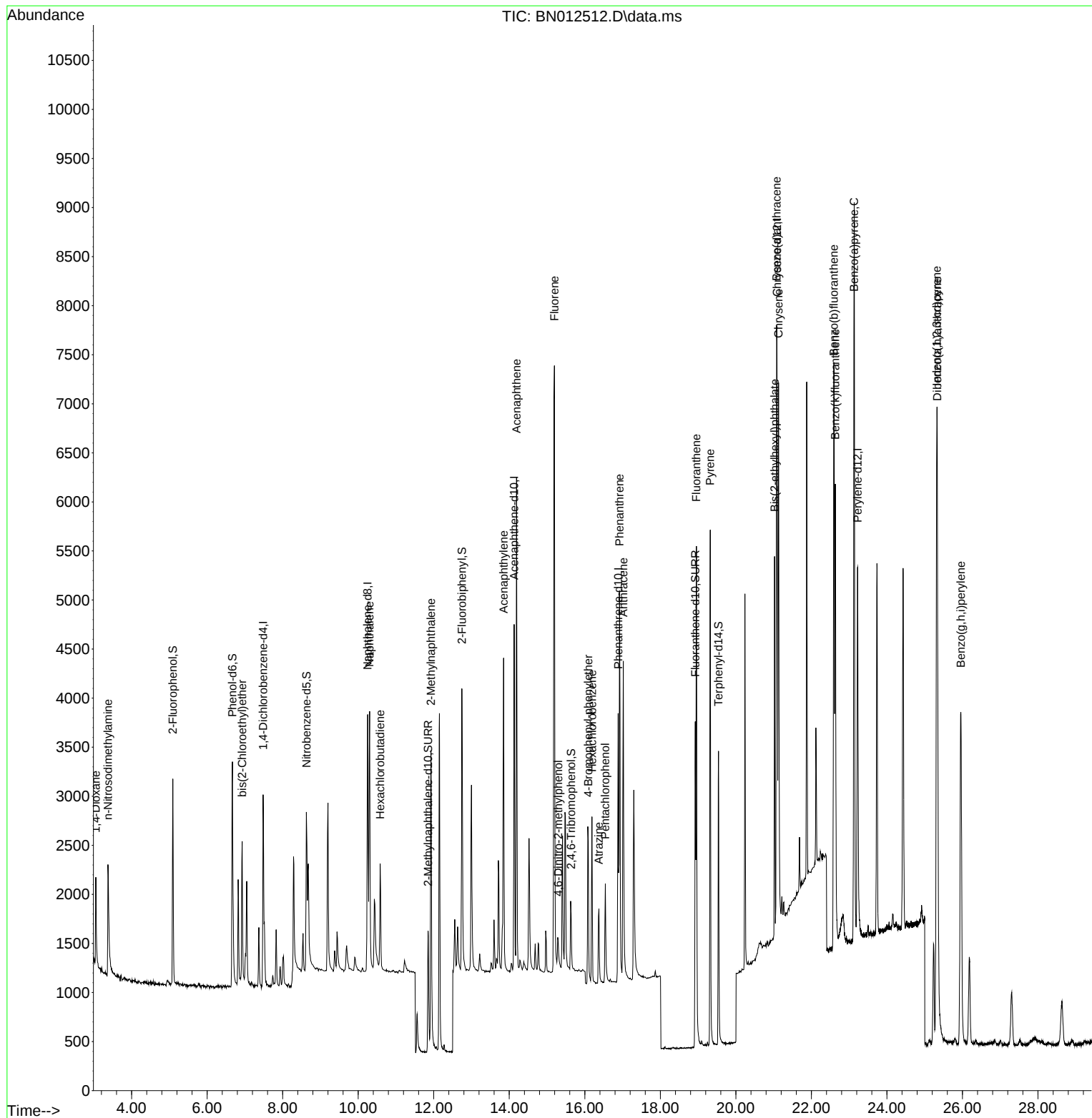
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110920\  
Data File : BN012512.D  
Acq On : 09 Nov 2020 14:32  
Operator : CG/JU  
Sample : PB132836BSD  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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PB132836BSD

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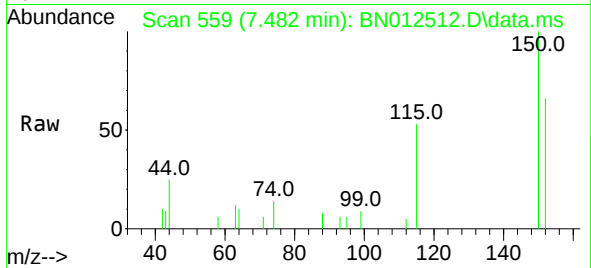
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Quant Time: Nov 09 16:56:18 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN110420.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 05 05:46:47 2020  
Response via : Initial Calibration

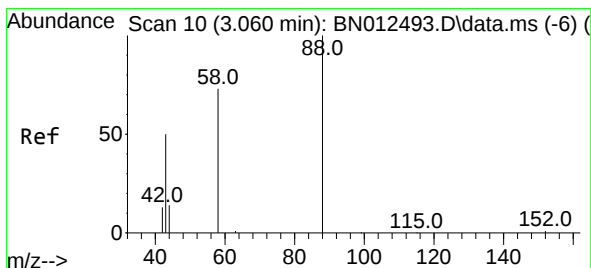
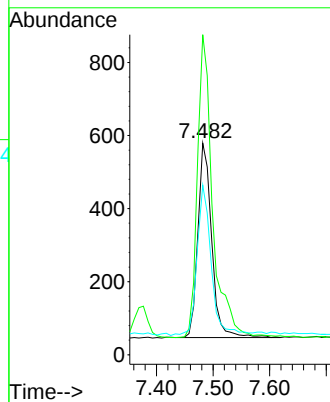
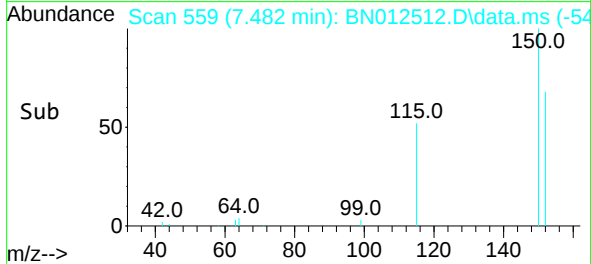




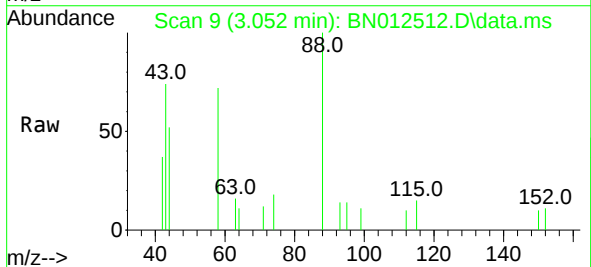
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.482 min Scan# 559  
 Delta R.T. -0.007 min  
 Lab File: BN012512.D  
 Acq: 09 Nov 2020 14:32



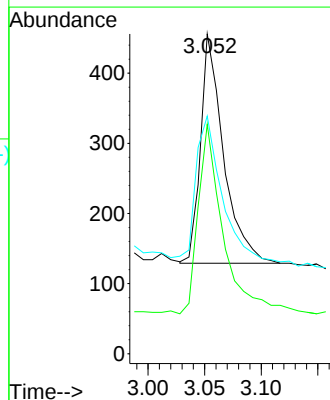
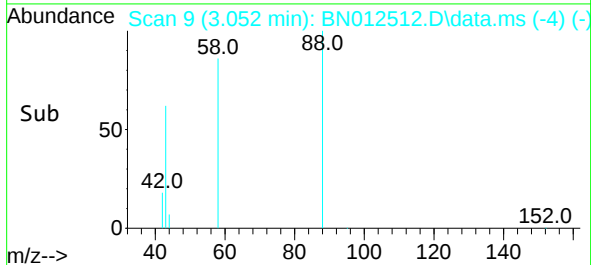
Tgt Ion: 152 Resp: 902  
 Ion Ratio Lower Upper  
 152 100  
 150 151.3 116.6 174.8  
 115 80.1 52.9 79.3#



#2  
 1,4-Dioxane  
 Concen: 0.33 ng  
 RT: 3.052 min Scan# 9  
 Delta R.T. -0.008 min  
 Lab File: BN012512.D  
 Acq: 09 Nov 2020 14:32



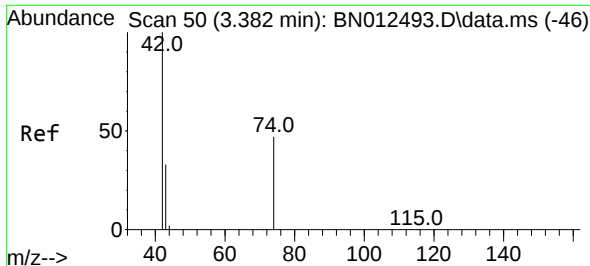
Tgt Ion: 88 Resp: 462  
 Ion Ratio Lower Upper  
 88 100  
 58 89.6 59.4 89.2#  
 43 71.6 32.3 48.5#



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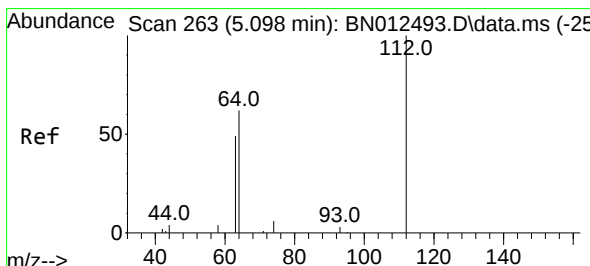
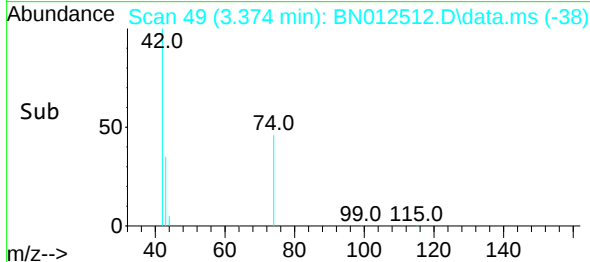
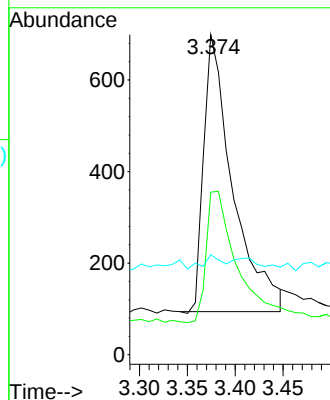
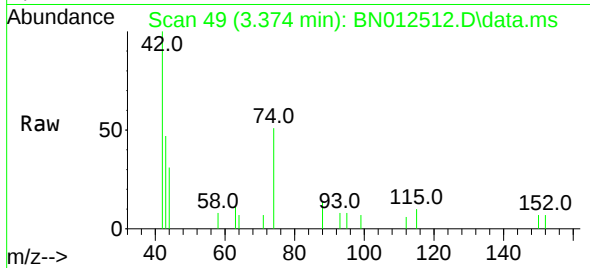
#3  
n-Nitrosodimethylamine  
Concen: 0.33 ng  
RT: 3.374 min Scan# 49  
Delta R.T. -0.008 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

Tgt Ion: 42 Resp: 1282  
Ion Ratio Lower Upper  
42 100  
74 50.5 64.4 96.6#  
44 3.0 2.8 4.2

Instrument :  
BNA\_N  
ClientSampled :  
PB132836BSD

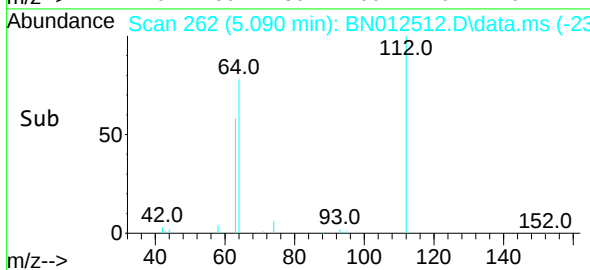
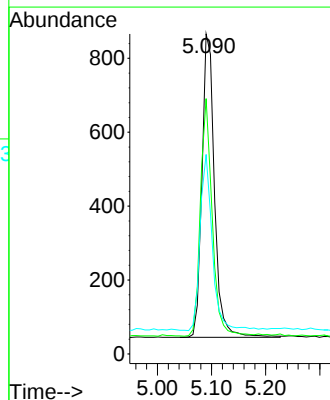
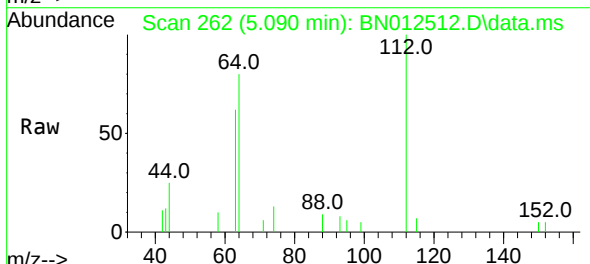
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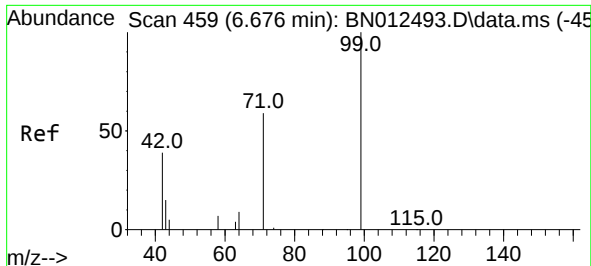
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#4  
2-Fluorophenol  
Concen: 0.42 ng  
RT: 5.090 min Scan# 262  
Delta R.T. -0.008 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

Tgt Ion: 112 Resp: 1318  
Ion Ratio Lower Upper  
112 100  
64 74.0 49.5 74.3  
63 56.8 32.0 48.0#





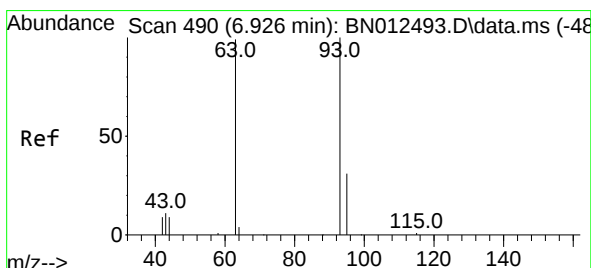
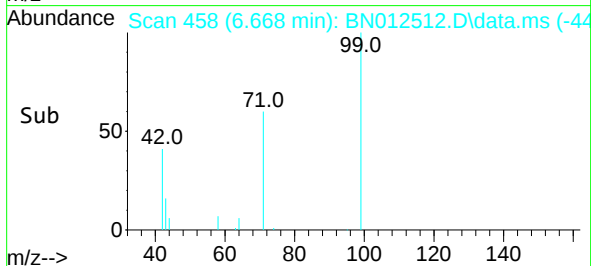
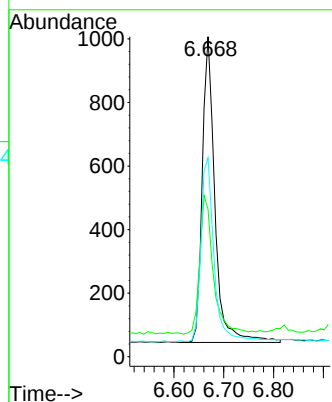
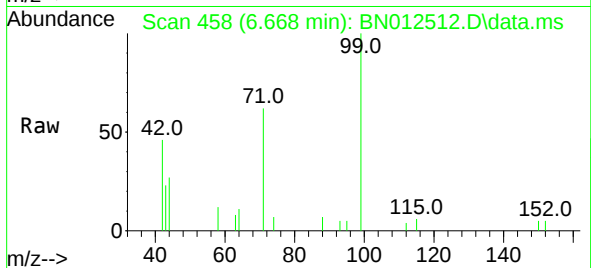
#5  
Phenol-d6  
Concen: 0.46 ng  
RT: 6.668 min Scan# 458  
Delta R.T. -0.008 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 99      | 100   |       |       |
| 42      | 48.4  | 22.4  | 33.6# |
| 71      | 62.1  | 37.8  | 56.6# |

Instrument :  
BNA\_N  
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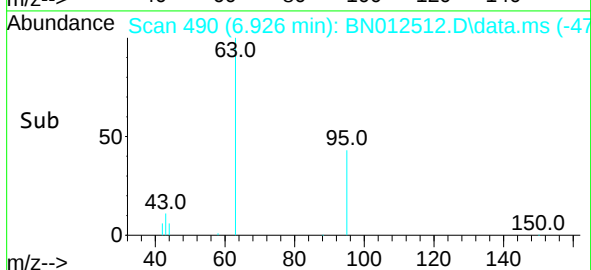
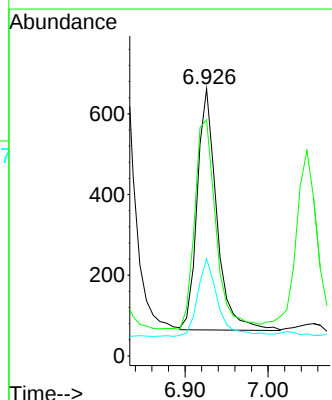
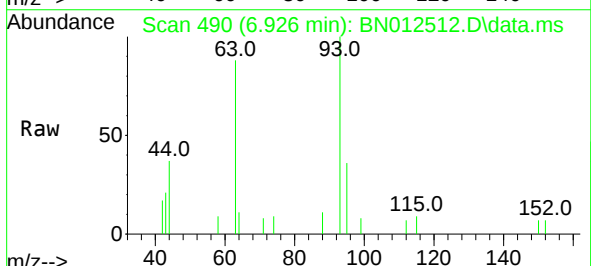
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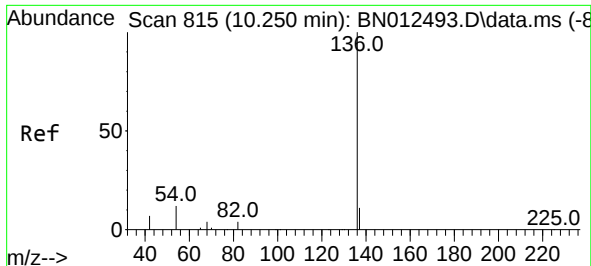
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#6  
bis(2-Chloroethyl)ether  
Concen: 0.39 ng  
RT: 6.926 min Scan# 490  
Delta R.T. 0.000 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

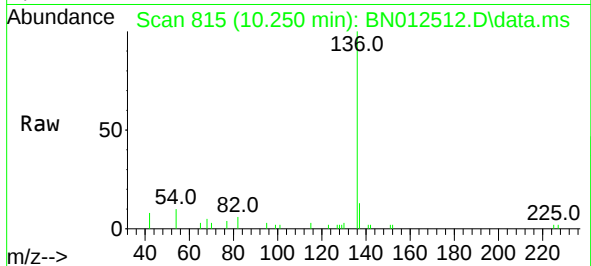
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 94.4  | 63.1  | 94.7  |
| 95      | 33.8  | 26.1  | 39.1  |





#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.250 min Scan# 815  
Delta R.T. 0.000 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

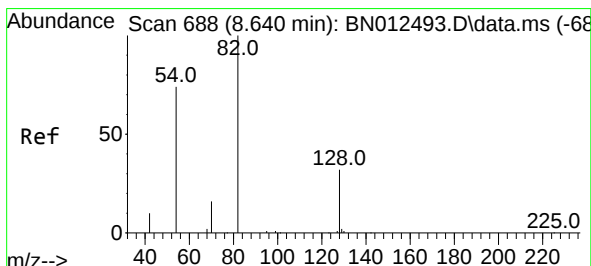
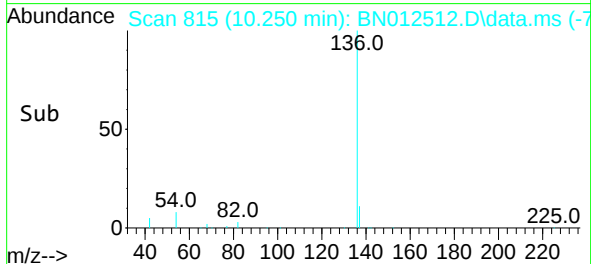
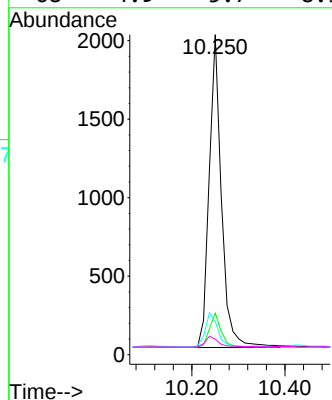
Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BSD



Tgt Ion:136 Resp: 3672  
Ion Ratio Lower Upper  
136 100  
137 13.0 10.6 15.8  
54 10.5 8.6 12.8  
68 4.9 5.7 8.5#

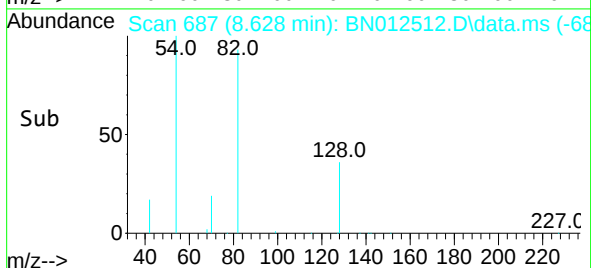
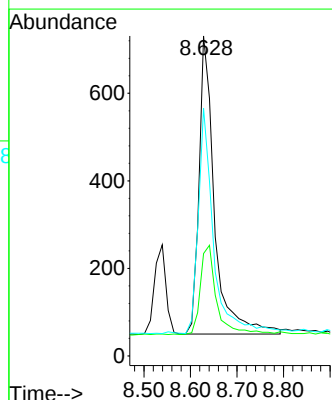
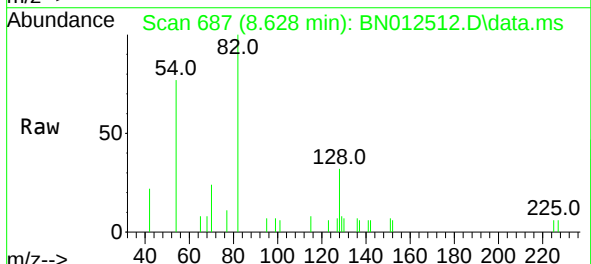
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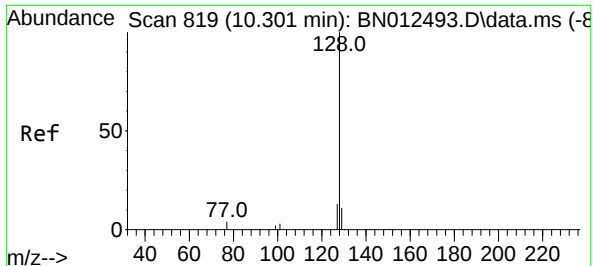
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#8  
Nitrobenzene-d5  
Concen: 0.36 ng  
RT: 8.628 min Scan# 687  
Delta R.T. -0.012 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

Tgt Ion: 82 Resp: 1582  
Ion Ratio Lower Upper  
82 100  
128 32.0 30.6 46.0  
54 77.4 48.3 72.5#





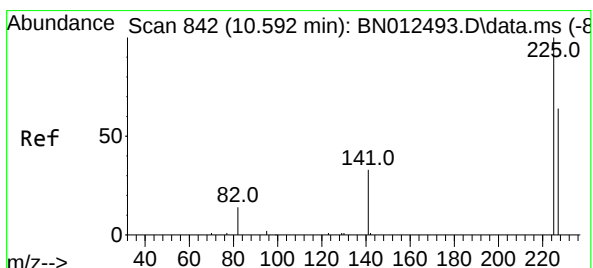
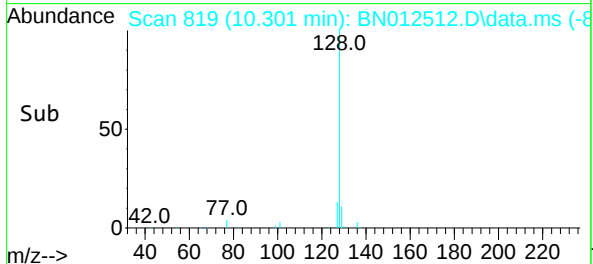
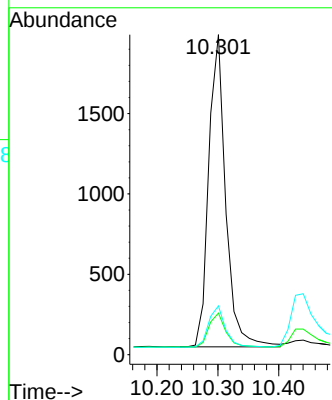
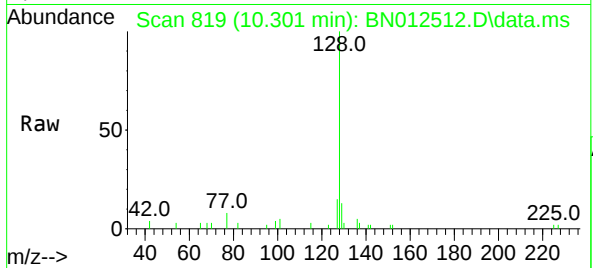
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Naphthalene  
Concen: 0.37 ng  
RT: 10.301 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 128   | Resp: | 3765 |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 129       | 13.0  | 9.8   | 14.8 |
| 127       | 15.2  | 12.2  | 18.4 |

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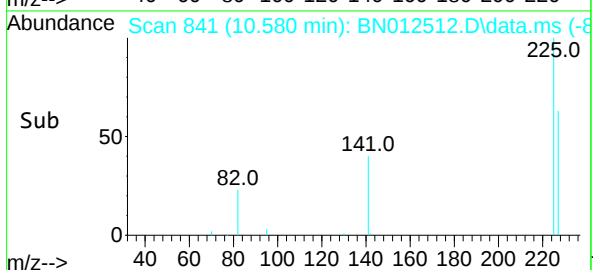
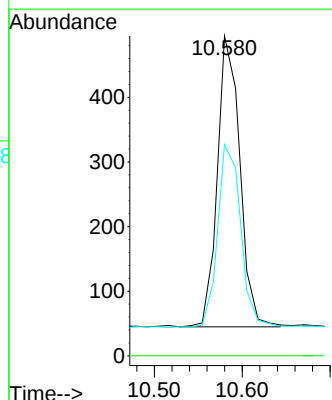
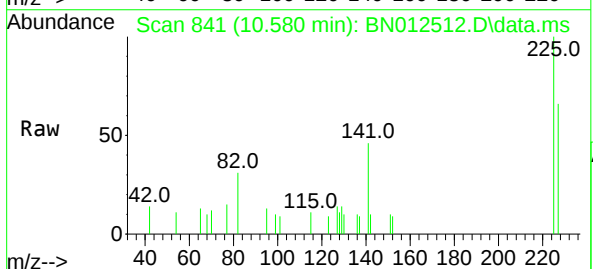
Manual Integrations  
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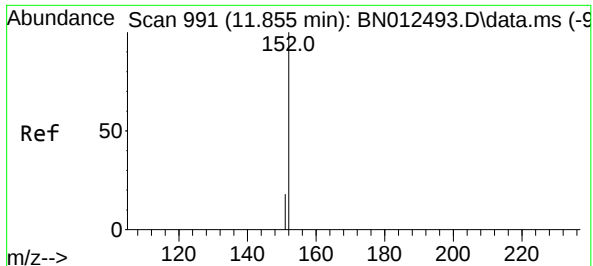
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#10  
Hexachlorobutadiene  
Concen: 0.36 ng  
RT: 10.580 min Scan# 841  
Delta R.T. -0.012 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 801  |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 0.0   | 0.0   | 0.0  |
| 227       | 64.8  | 51.0  | 76.6 |





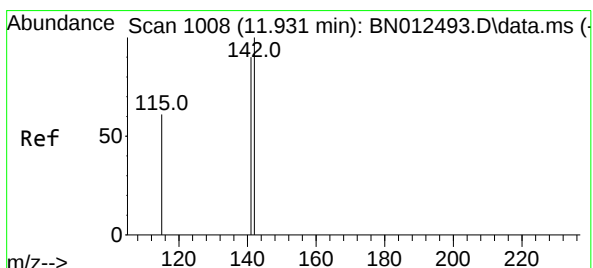
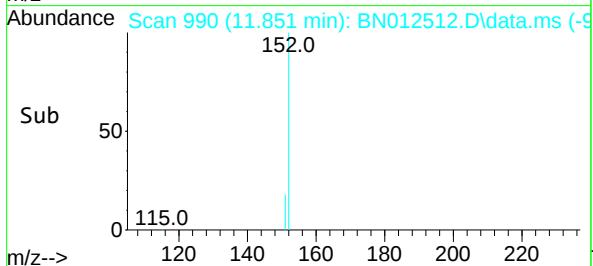
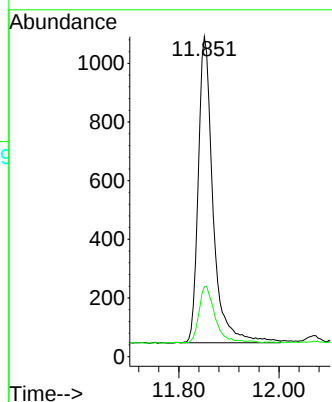
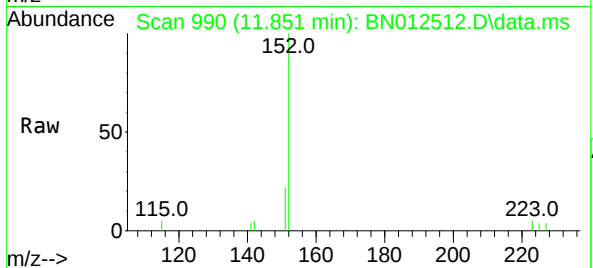
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2-Methylnaphthalene-d10  
Concen: 0.36 ng  
RT: 11.851 min Scan# 990  
Delta R.T. -0.004 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

Tgt Ion:152 Resp: 2147  
Ion Ratio Lower Upper  
152 100  
151 19.8 16.7 25.1

Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BSD

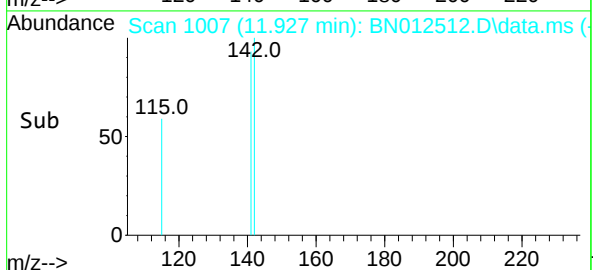
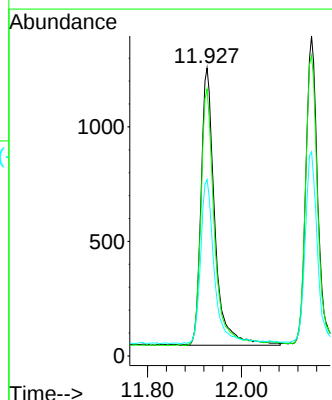
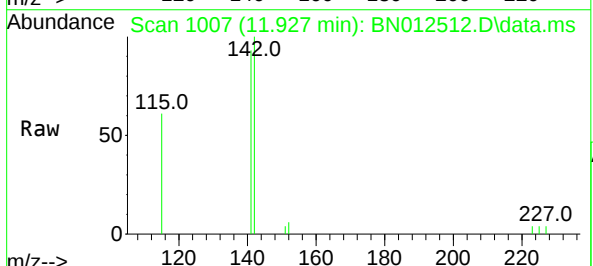
Manual Integrations  
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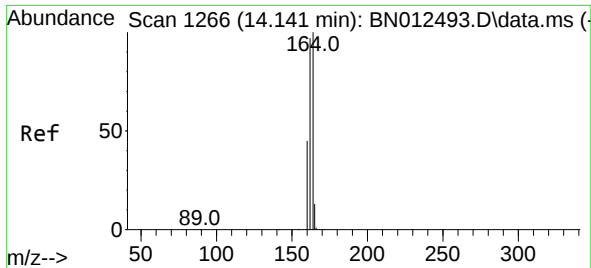
mohammad  
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#12  
2-Methylnaphthalene  
Concen: 0.37 ng  
RT: 11.927 min Scan# 1007  
Delta R.T. -0.004 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

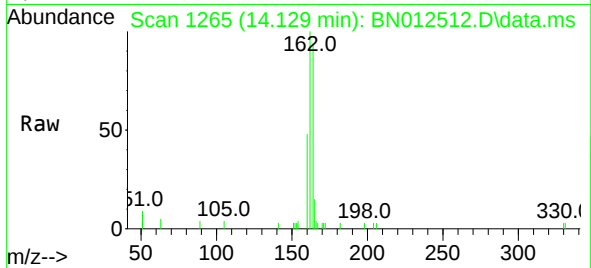
Tgt Ion:142 Resp: 2465  
Ion Ratio Lower Upper  
142 100  
141 92.7 69.4 104.2  
115 61.3 35.7 53.5#





#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.129 min Scan# 1265  
Delta R.T. -0.012 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

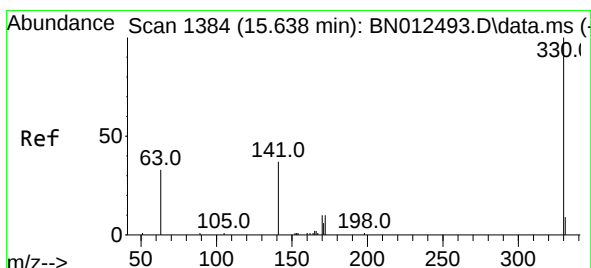
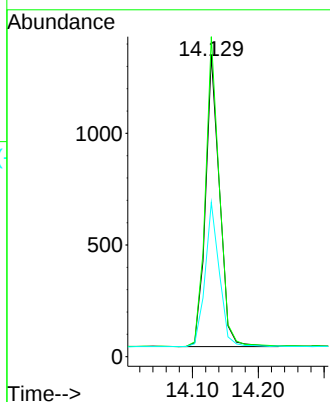
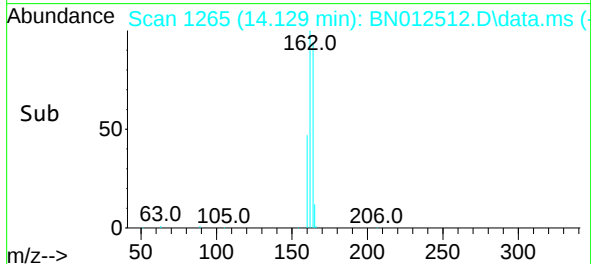
Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BSD



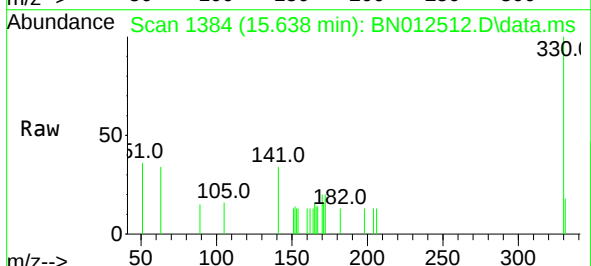
Tgt Ion:164 Resp: 1937  
Ion Ratio Lower Upper  
164 100  
162 106.4 80.6 120.8  
160 51.3 39.5 59.3

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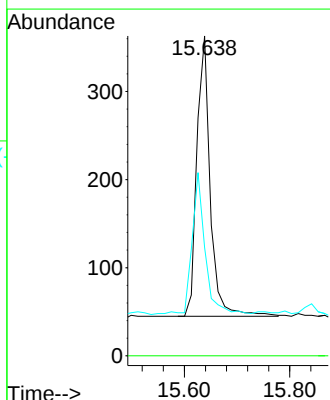
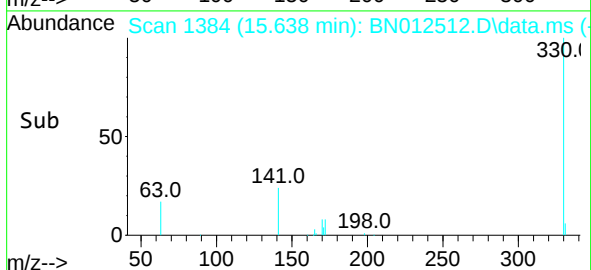
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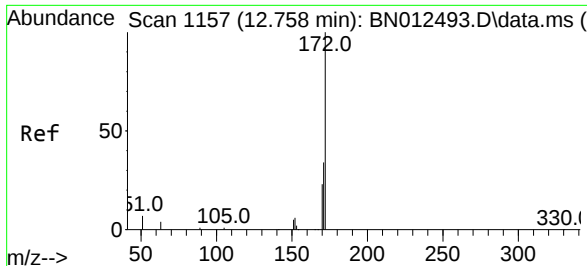


#14  
2,4,6-Tribromophenol  
Concen: 0.40 ng  
RT: 15.638 min Scan# 1384  
Delta R.T. 0.000 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

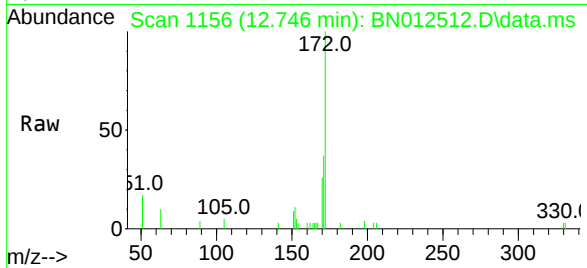


Tgt Ion:330 Resp: 563  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 47.4 34.4 51.6

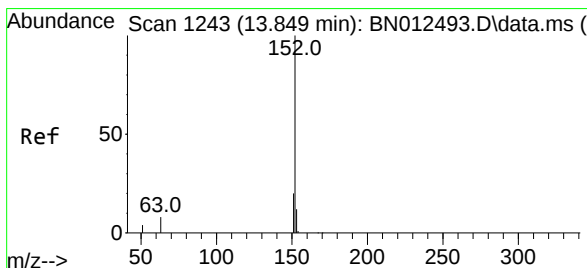
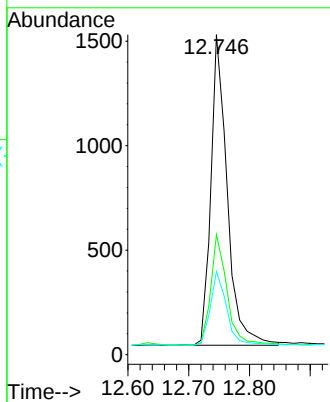
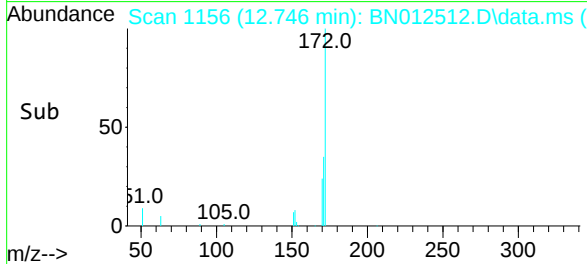




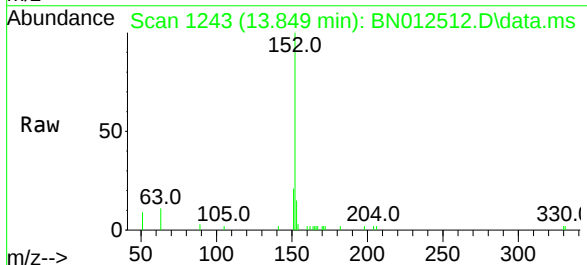
#15  
2-Fluorobiphenyl  
Concen: 0.37 ng  
RT: 12.746 min Scan# 1156  
Delta R.T. -0.012 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32



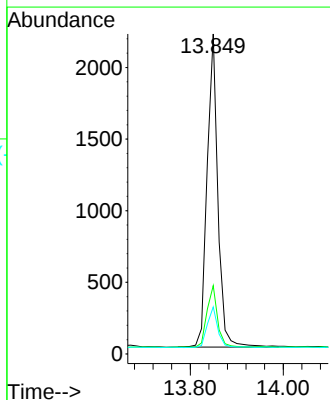
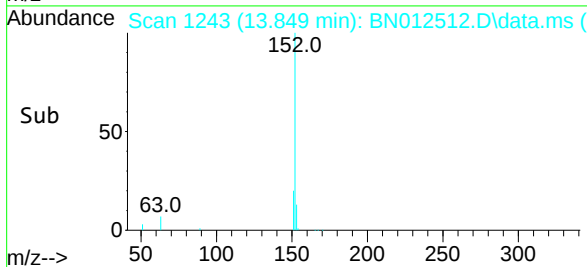
Tgt Ion:172 Resp: 2777  
Ion Ratio Lower Upper  
172 100  
171 37.5 28.2 42.4  
170 26.0 20.0 30.0



#16  
Acenaphthylene  
Concen: 0.36 ng  
RT: 13.849 min Scan# 1243  
Delta R.T. 0.000 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32



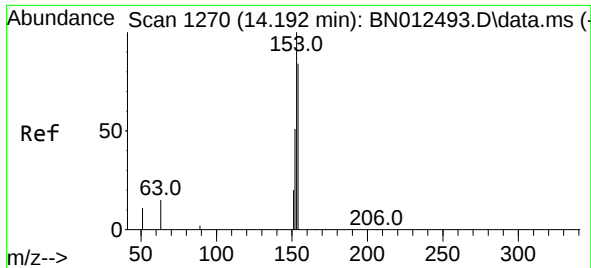
Tgt Ion:152 Resp: 3531  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.8 23.8  
153 12.9 10.6 16.0



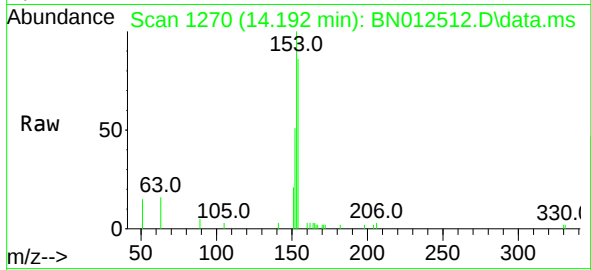
Instrument :  
BNA\_N  
ClientSampleId :  
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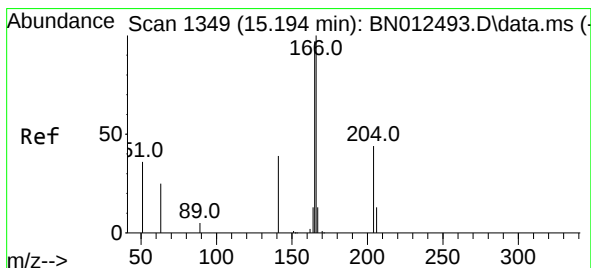
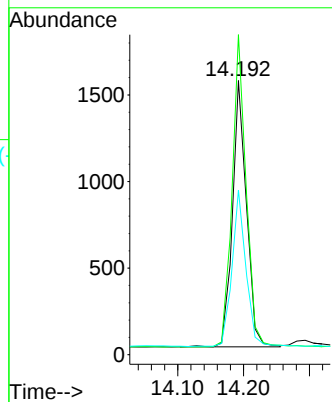
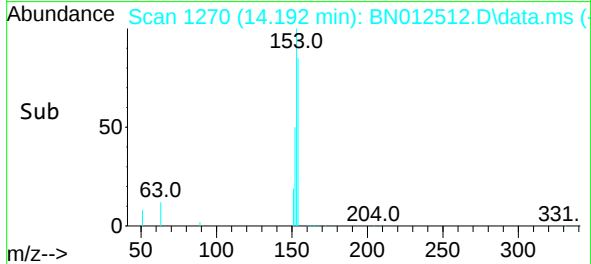
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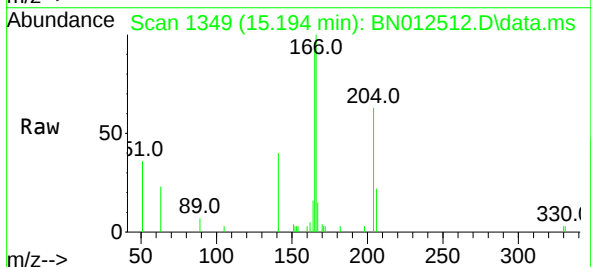
#17  
Acenaphthene  
Concen: 0.37 ng  
RT: 14.192 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32



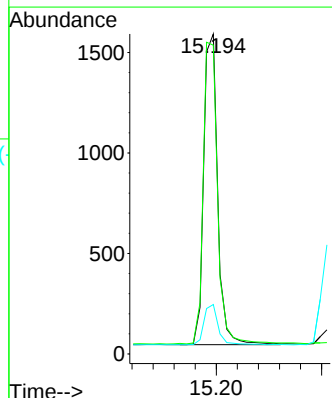
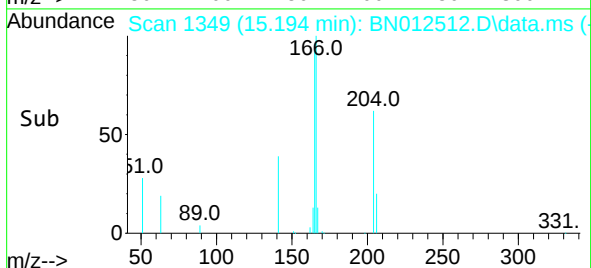
Tgt Ion:154 Resp: 2264  
Ion Ratio Lower Upper  
154 100  
153 117.8 83.6 125.4  
152 58.7 43.9 65.9



#18  
Fluorene  
Concen: 0.36 ng  
RT: 15.194 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32



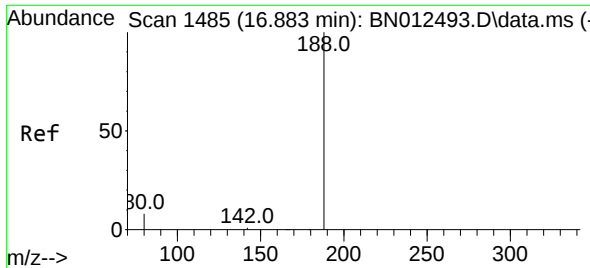
Tgt Ion:166 Resp: 2834  
Ion Ratio Lower Upper  
166 100  
165 100.1 78.6 118.0  
167 13.1 10.7 16.1



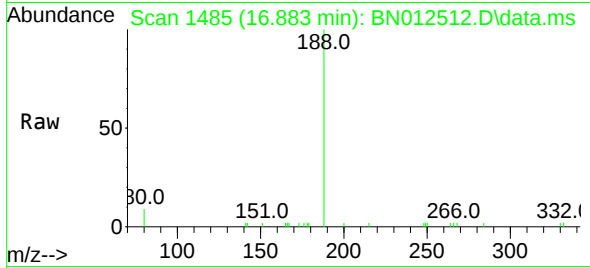
Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BSD

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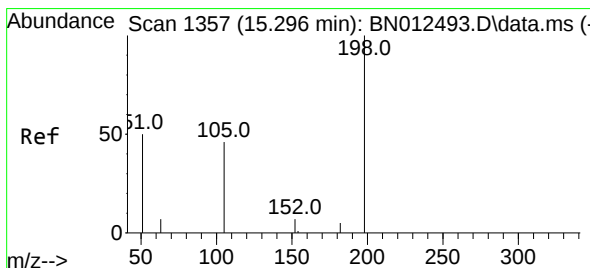
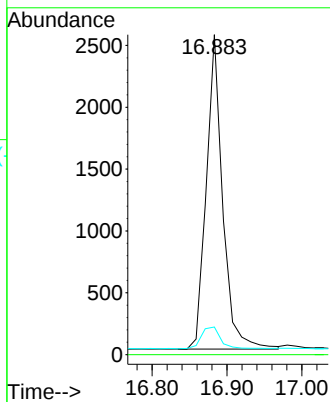
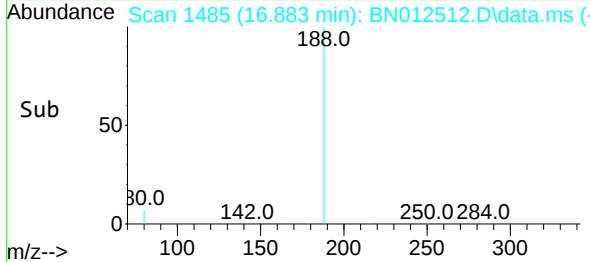
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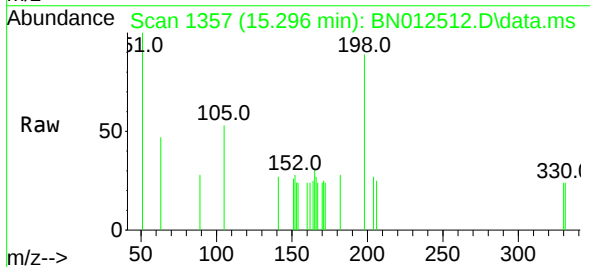
#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 16.883 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32



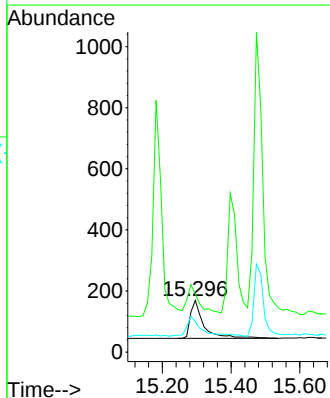
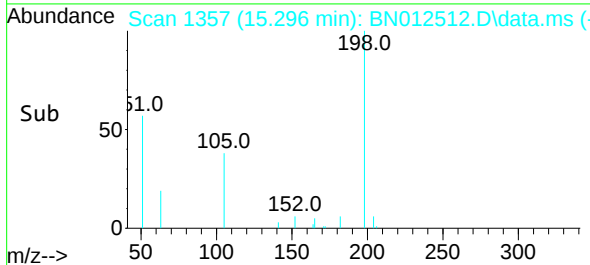
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 0.0   | 0.0   | 0.0   |
| 80      | 8.7   | 5.0   | 7.4#  |



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.36 ng  
RT: 15.296 min Scan# 1357  
Delta R.T. 0.000 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32



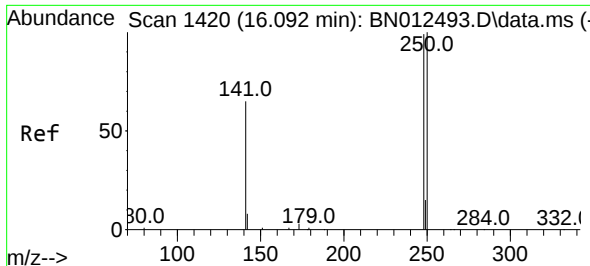
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 198     | 100   |       |        |
| 51      | 112.4 | 152.0 | 228.0# |
| 105     | 59.2  | 80.0  | 120.0# |



Instrument :  
BNA\_N  
ClientSampleId :  
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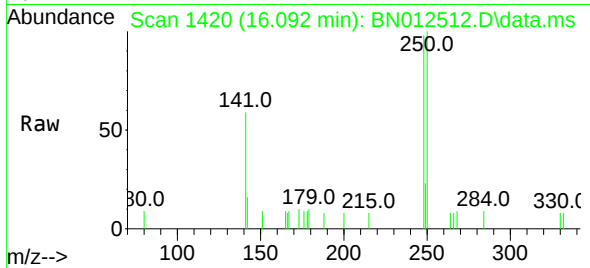
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#21  
4-Bromophenyl-phenylether  
Concen: 0.37 ng  
RT: 16.092 min Scan# 1420  
Delta R.T. 0.000 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

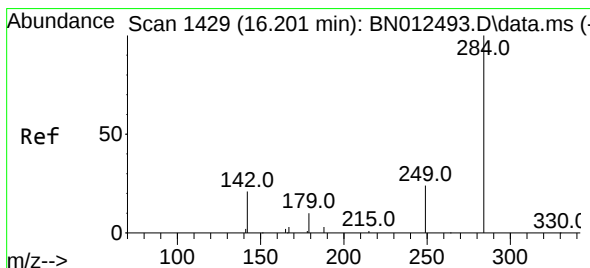
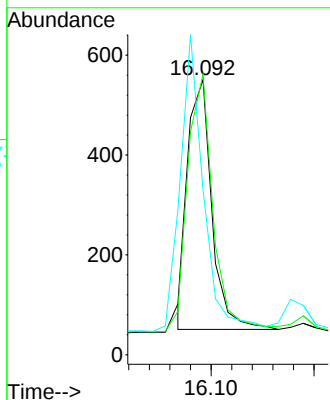
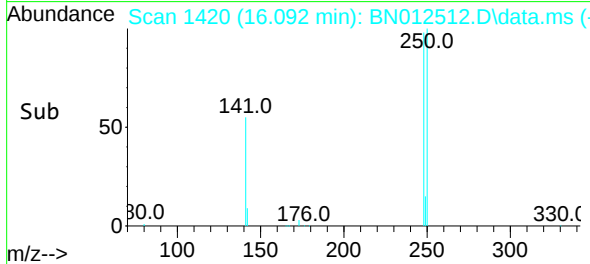
Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BSD



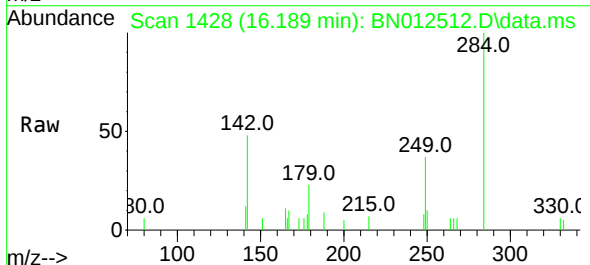
Tgt Ion:248 Resp: 818  
Ion Ratio Lower Upper  
248 100  
250 102.0 77.3 115.9  
141 60.1 57.8 86.8

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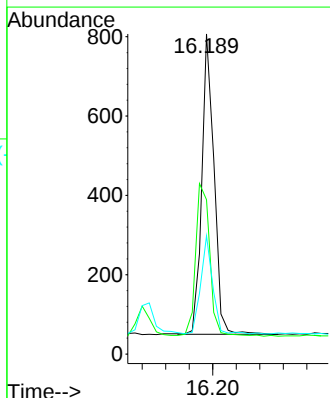
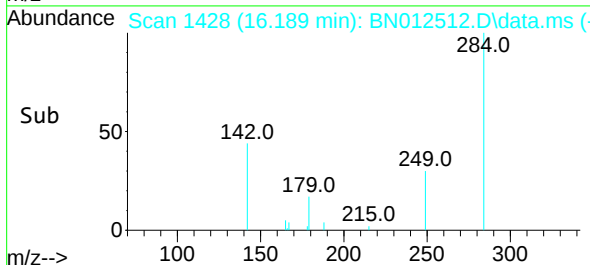
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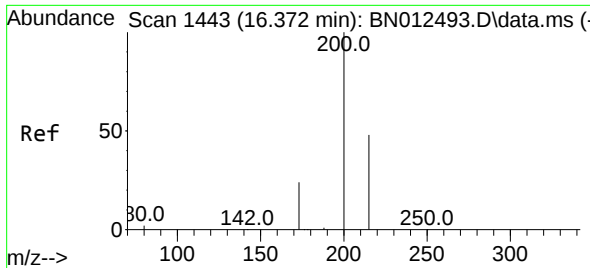


#22  
Hexachlorobenzene  
Concen: 0.38 ng  
RT: 16.189 min Scan# 1428  
Delta R.T. -0.012 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32



Tgt Ion:284 Resp: 1090  
Ion Ratio Lower Upper  
284 100  
142 59.1 32.0 48.0#  
249 31.9 27.0 40.6





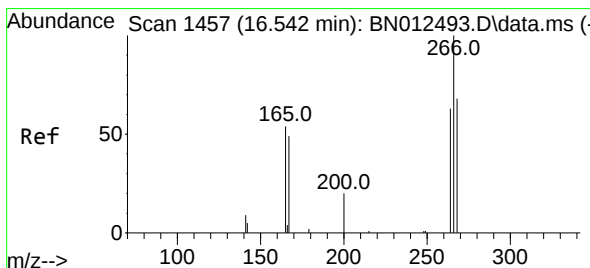
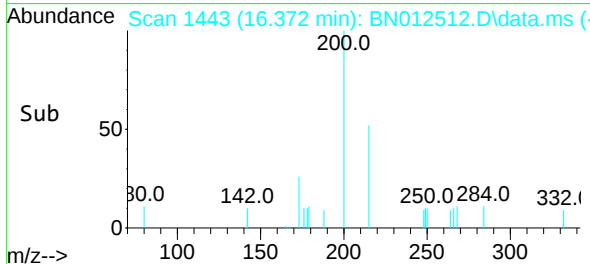
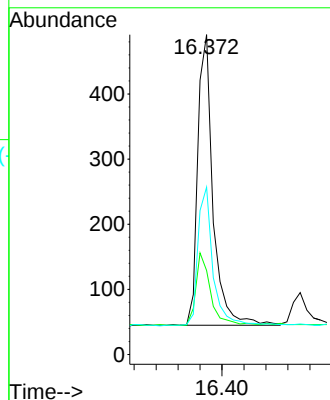
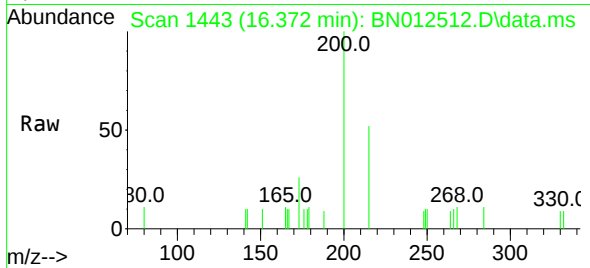
#23  
Atrazine  
Concen: 0.37 ng  
RT: 16.372 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 859  |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 26.3  | 22.8  | 34.2 |
| 215       | 52.3  | 38.1  | 57.1 |

Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BSD

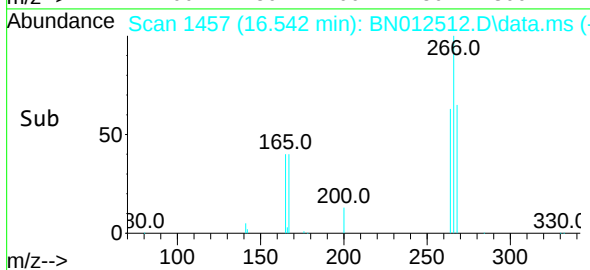
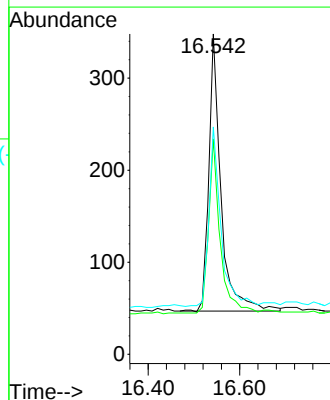
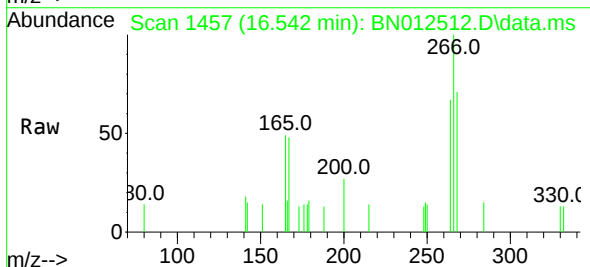
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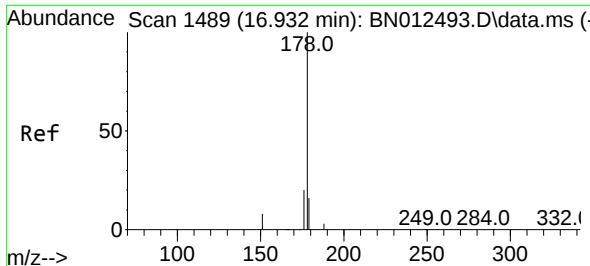
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#24  
Pentachlorophenol  
Concen: 0.41 ng  
RT: 16.542 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

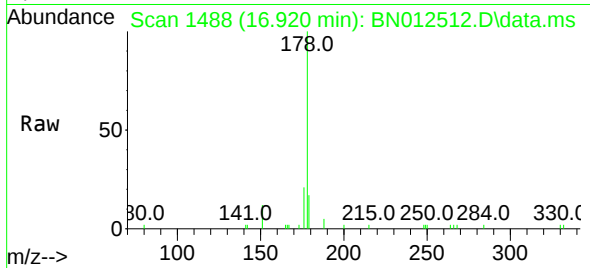
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 554  |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 58.8  | 50.9  | 76.3 |
| 268       | 64.3  | 51.5  | 77.3 |





#25  
Phenanthrene  
Concen: 0.38 ng  
RT: 16.920 min Scan# 1488  
Delta R.T. -0.012 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

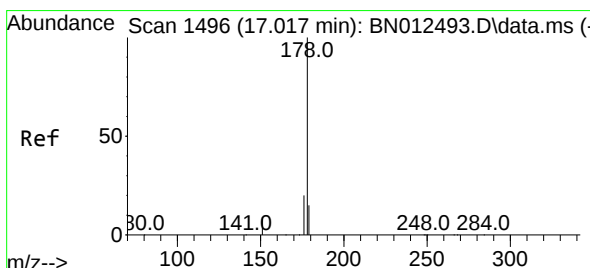
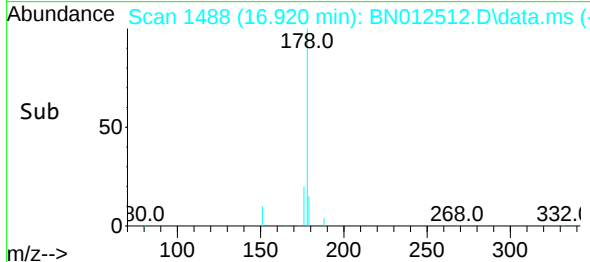
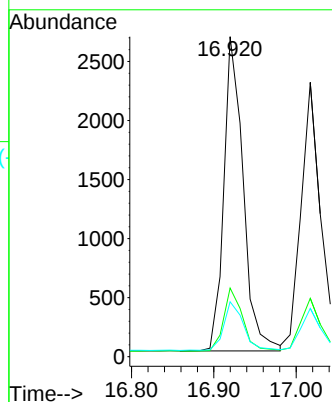
Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BSD



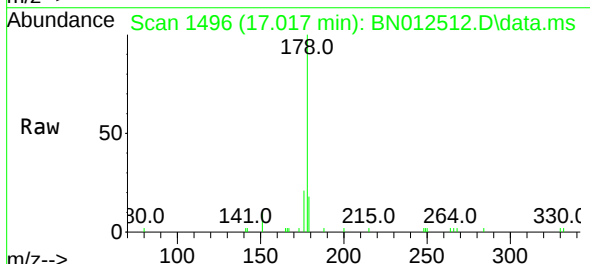
Tgt Ion:178 Resp: 4348  
Ion Ratio Lower Upper  
178 100  
176 19.6 14.8 22.2  
179 15.7 12.4 18.6

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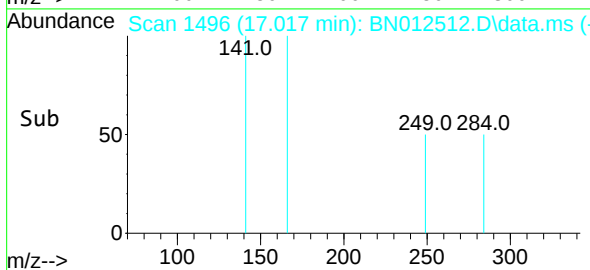
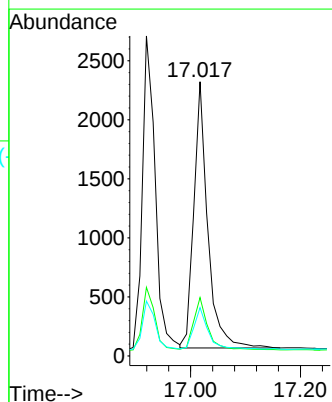
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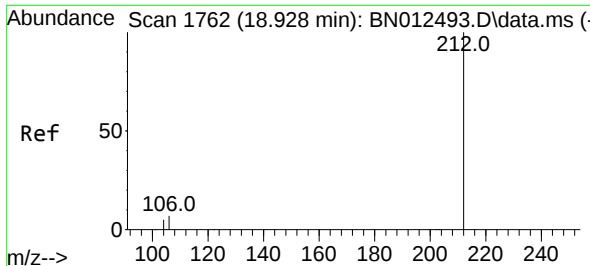


#26  
Anthracene  
Concen: 0.38 ng  
RT: 17.017 min Scan# 1496  
Delta R.T. 0.000 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32



Tgt Ion:178 Resp: 3974  
Ion Ratio Lower Upper  
178 100  
176 20.0 14.8 22.2  
179 16.0 12.5 18.7





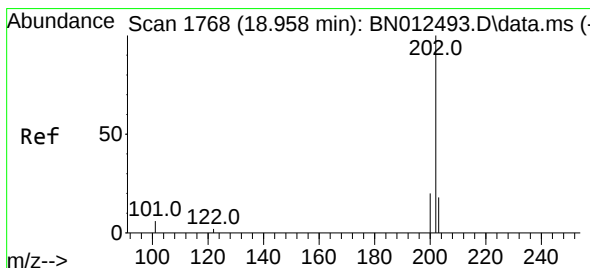
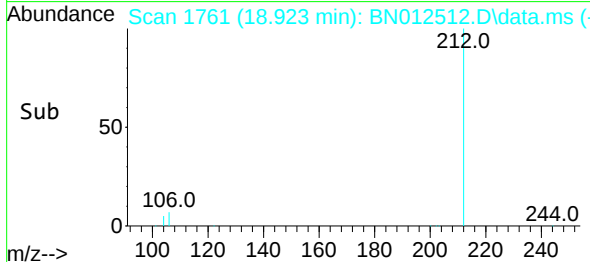
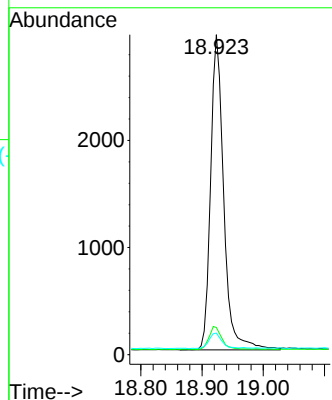
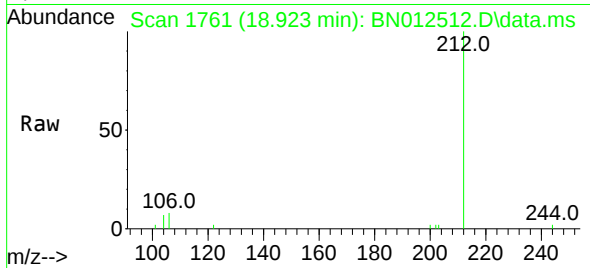
#27  
Fluoranthene-d10  
Concen: 0.37 ng  
RT: 18.923 min Scan# 1761  
Delta R.T. -0.005 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 212   | Resp: | 4372 |
| Ion Ratio | Lower | Upper |      |
| 212       | 100   |       |      |
| 106       | 7.0   | 6.8   | 10.2 |
| 104       | 5.1   | 4.1   | 6.1  |

Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BSD

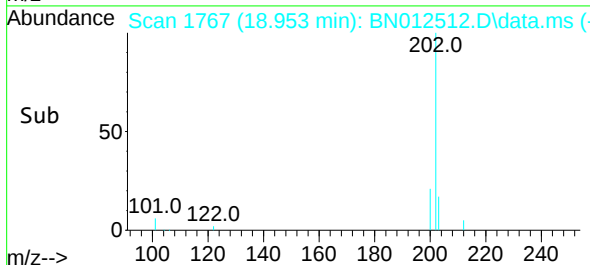
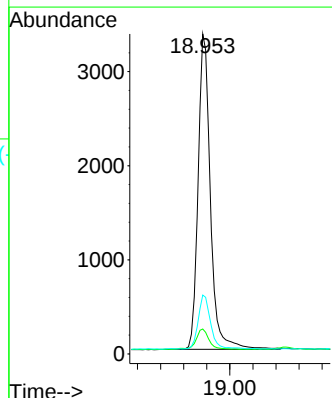
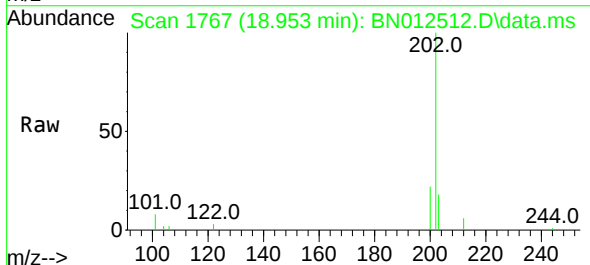
Manual Integrations  
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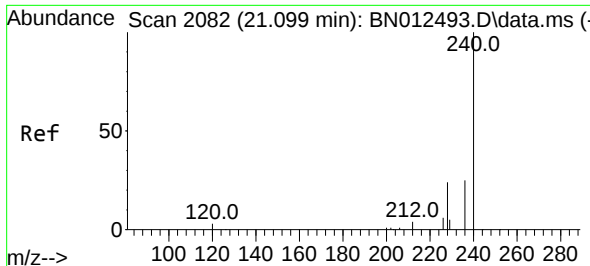
mohammad  
11/10/2020 12:02:51 PM



#28  
Fluoranthene  
Concen: 0.37 ng  
RT: 18.953 min Scan# 1767  
Delta R.T. -0.005 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 202   | Resp: | 4987 |
| Ion Ratio | Lower | Upper |      |
| 202       | 100   |       |      |
| 101       | 7.0   | 5.8   | 8.6  |
| 203       | 17.2  | 13.7  | 20.5 |





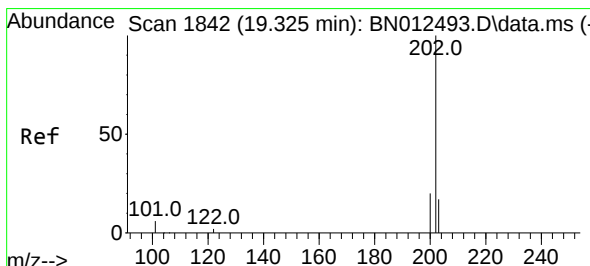
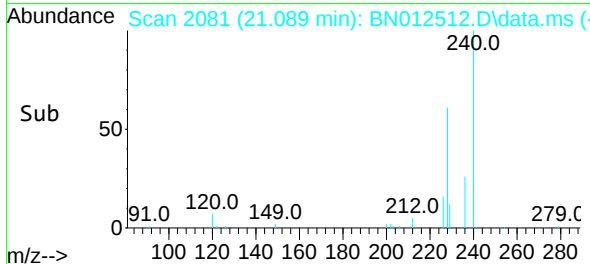
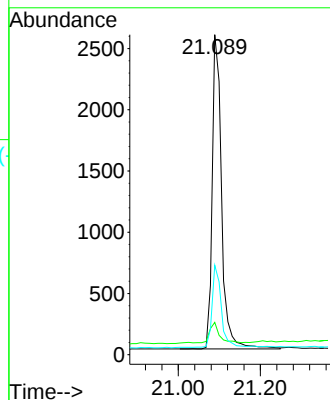
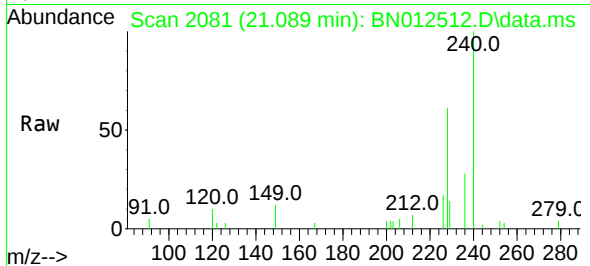
#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.089 min Scan# 2081  
Delta R.T. -0.010 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

Tgt Ion:240 Resp: 4095  
Ion Ratio Lower Upper  
240 100  
120 10.1 5.3 7.9#  
236 27.9 21.8 32.8

Instrument :  
BNA\_N  
ClientSampleId :  
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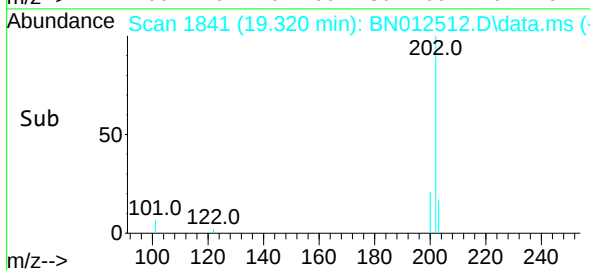
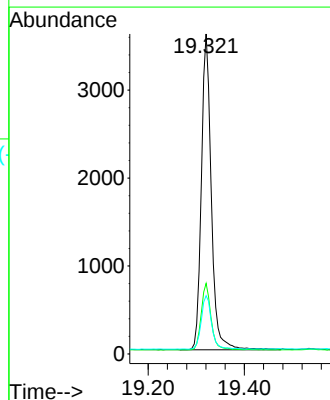
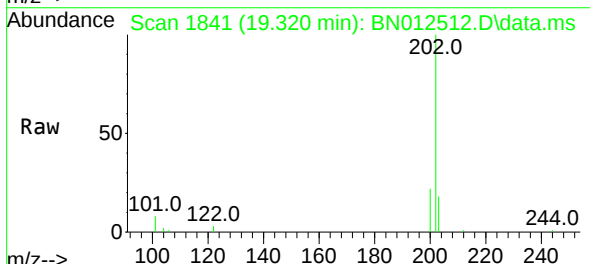
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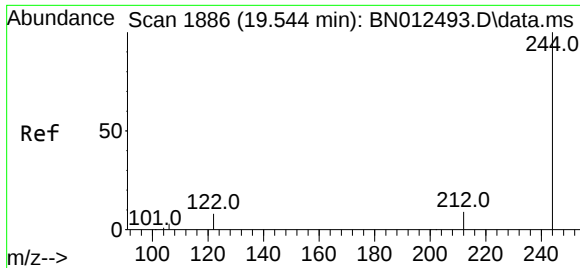
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#30  
Pyrene  
Concen: 0.38 ng  
RT: 19.320 min Scan# 1841  
Delta R.T. -0.005 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

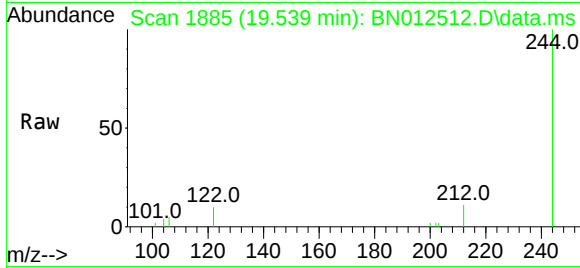
Tgt Ion:202 Resp: 5172  
Ion Ratio Lower Upper  
202 100  
200 20.6 16.6 24.8  
203 17.6 13.8 20.8





#31  
Terphenyl-d14  
Concen: 0.36 ng  
RT: 19.539 min Scan# 1885  
Delta R.T. -0.005 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

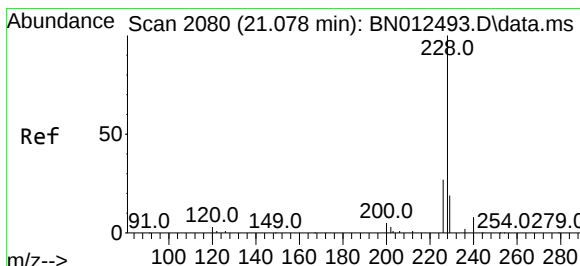
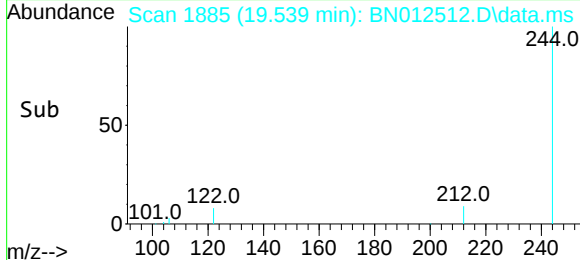
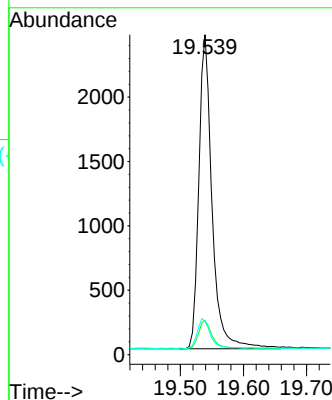
Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BSD



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 10.7  | 7.3   | 10.9  |
| 122     | 10.4  | 7.3   | 10.9  |

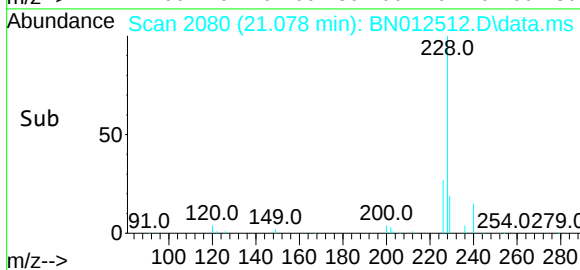
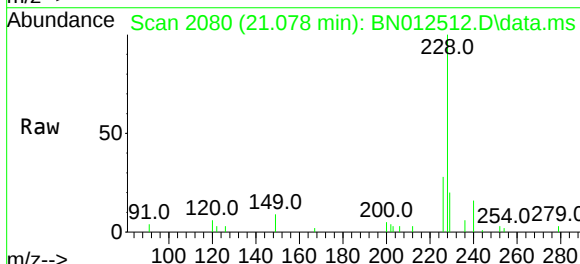
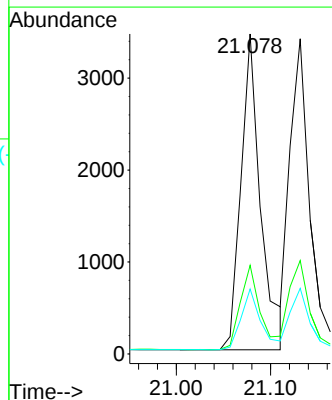
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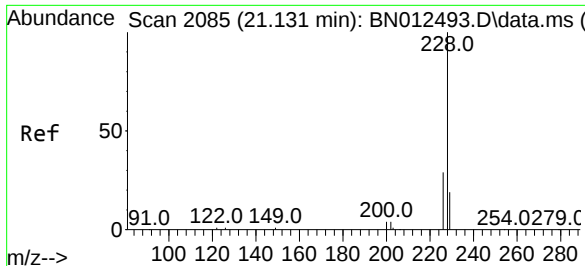
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#32  
Benzo(a)anthracene  
Concen: 0.38 ng  
RT: 21.078 min Scan# 2080  
Delta R.T. 0.000 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.7  | 22.3  | 33.5  |
| 229     | 20.3  | 15.7  | 23.5  |





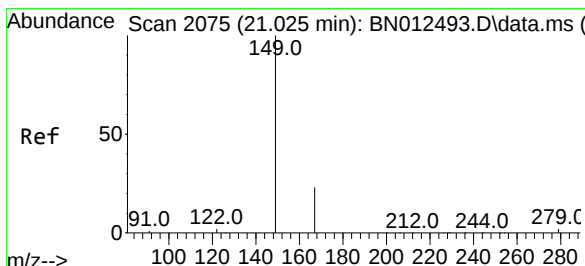
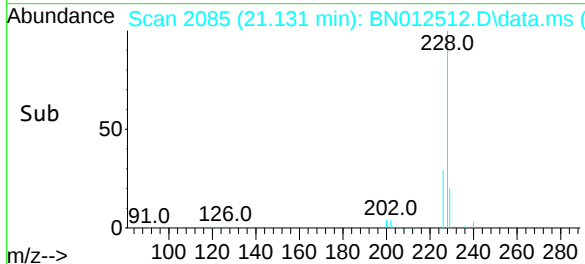
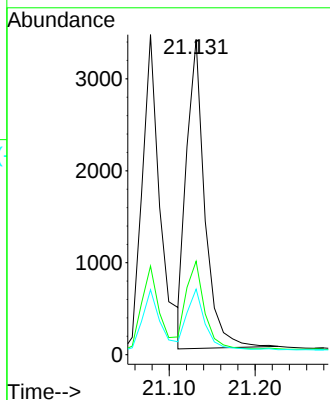
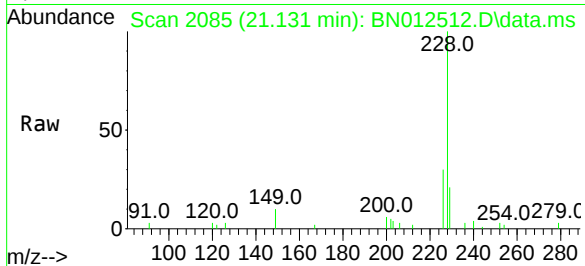
#33  
Chrysene  
Concen: 0.36 ng  
RT: 21.131 min Scan# 2085  
Delta R.T. 0.000 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 228   | Resp: | 4938 |
| Ion Ratio | Lower | Upper |      |
| 228       | 100   |       |      |
| 226       | 29.6  | 24.2  | 36.2 |
| 229       | 20.8  | 15.7  | 23.5 |

Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BSD

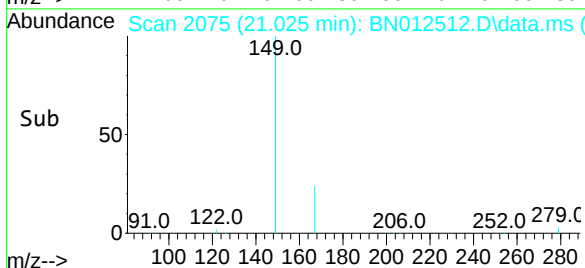
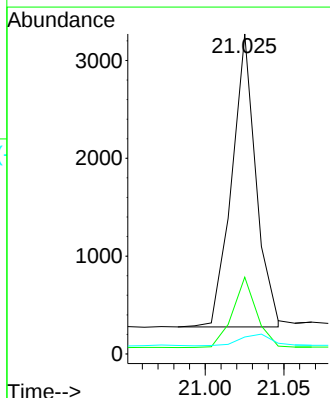
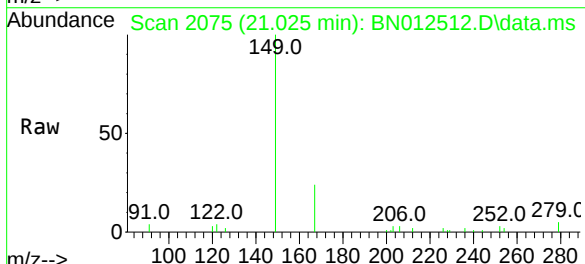
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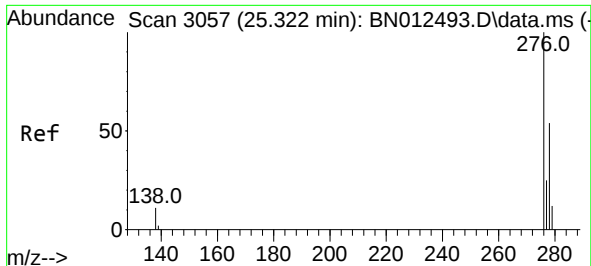
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#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.36 ng  
RT: 21.025 min Scan# 2075  
Delta R.T. 0.000 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 3211 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 23.8  | 23.2  | 34.8 |
| 279       | 5.0   | 3.9   | 5.9  |





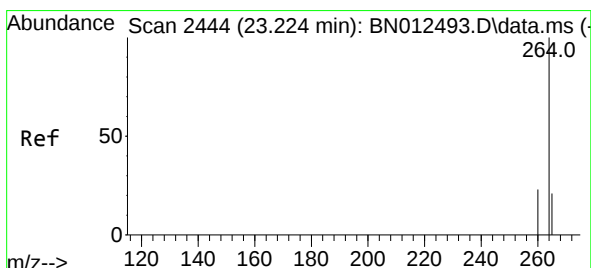
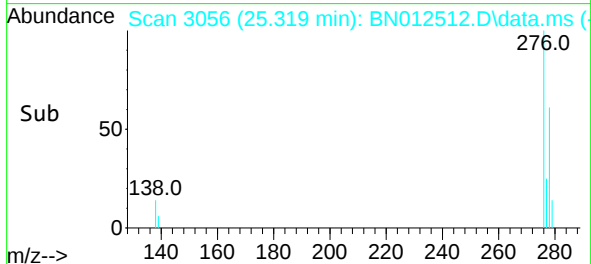
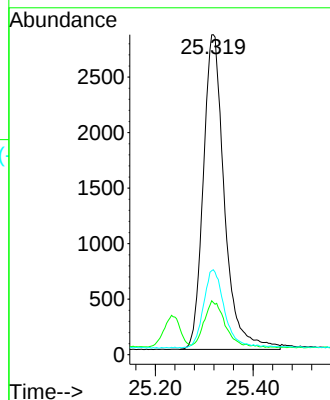
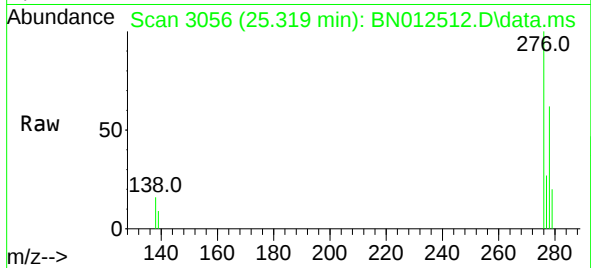
#35  
Indeno(1,2,3-cd)pyrene  
Concen: 0.41 ng  
RT: 25.319 min Scan# 3056  
Delta R.T. -0.003 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

Tgt Ion: 276 Resp: 8518  
Ion Ratio Lower Upper  
276 100  
138 13.2 13.3 19.9#  
277 24.3 20.2 30.4

Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BSD

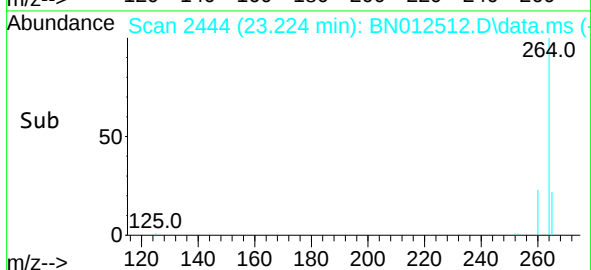
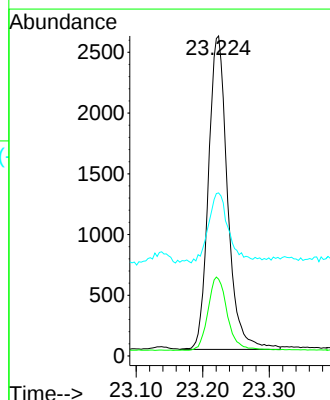
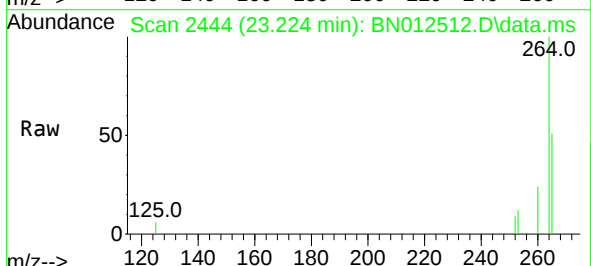
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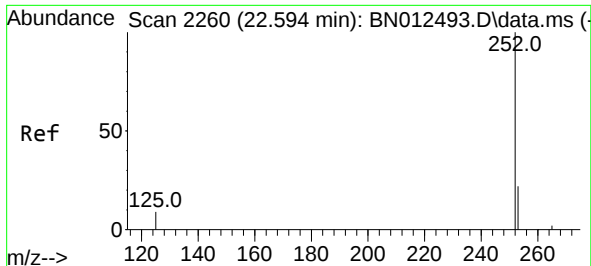
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#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.224 min Scan# 2444  
Delta R.T. 0.000 min  
Lab File: BN012512.D  
Acq: 09 Nov 2020 14:32

Tgt Ion: 264 Resp: 5151  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.8 29.6  
265 51.0 51.4 77.0#





#37

Benzo(b)fluoranthene

Concen: 0.38 ng m

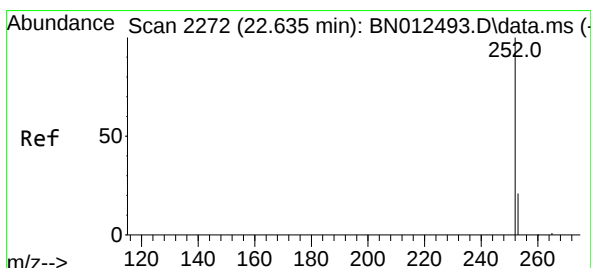
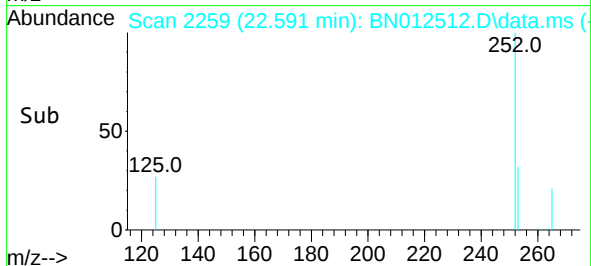
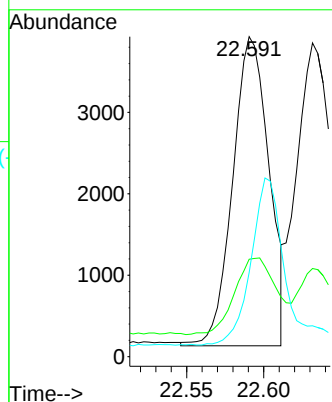
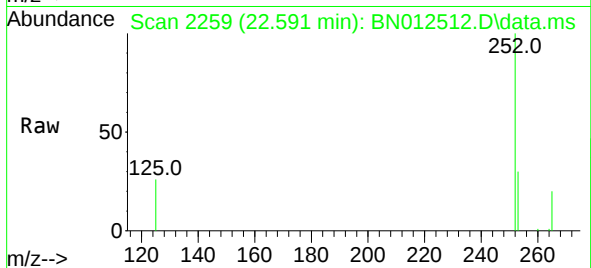
RT: 22.591 min Scan# 2259

Delta R.T. -0.003 min

Lab File: BN012512.D

Acq: 09 Nov 2020 14:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 6203  |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 30.5  | 20.1  | 30.1# |
| 125       | 26.3  | 7.2   | 10.8# |



#38

Benzo(k)fluoranthene

Concen: 0.36 ng

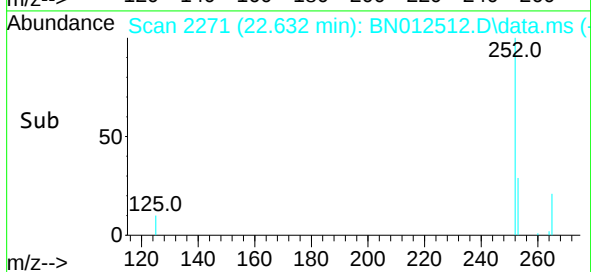
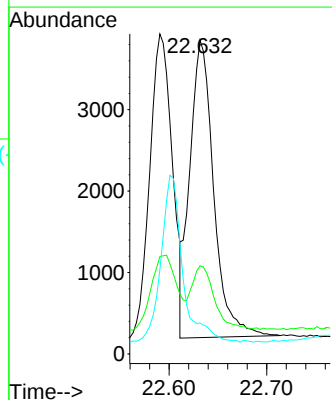
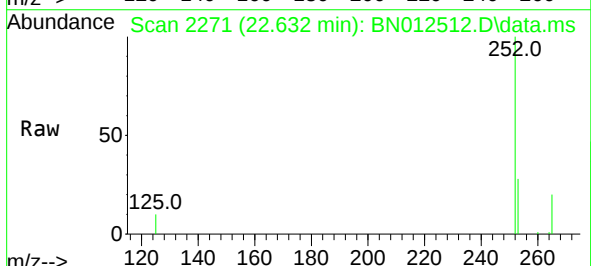
RT: 22.632 min Scan# 2271

Delta R.T. -0.003 min

Lab File: BN012512.D

Acq: 09 Nov 2020 14:32

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 252   | Resp: | 6216 |
| Ion Ratio | Lower | Upper |      |
| 252       | 100   |       |      |
| 253       | 28.1  | 19.8  | 29.8 |
| 125       | 9.8   | 7.1   | 10.7 |



Instrument :

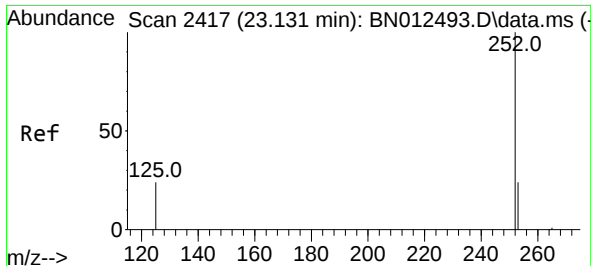
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ClientSampleId :

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#39

Benzo(a)pyrene

Concen: 0.40 ng

RT: 23.128 min Scan# 2416

Delta R.T. -0.003 min

Lab File: BN012512.D

Acq: 09 Nov 2020 14:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 6500  |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 37.0  | 21.3  | 31.9# |
| 125       | 78.3  | 8.3   | 12.5# |

Instrument :

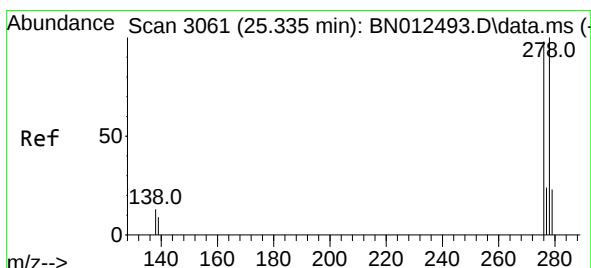
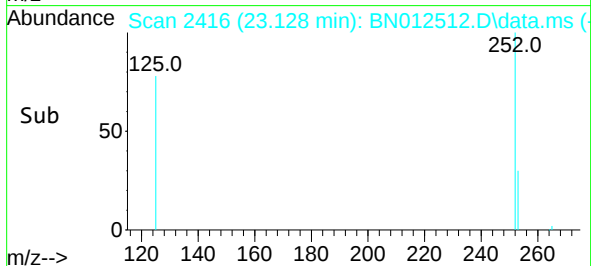
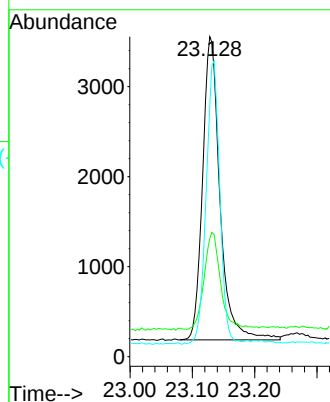
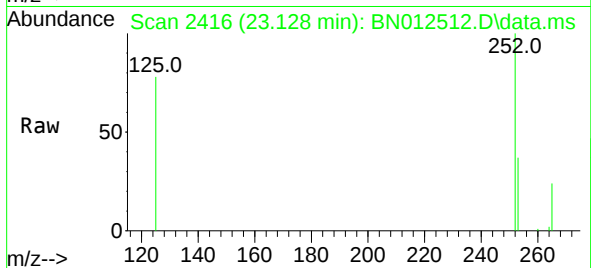
BNA\_N

ClientSampleId :

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#40

Dibenzo(a,h)anthracene

Concen: 0.38 ng

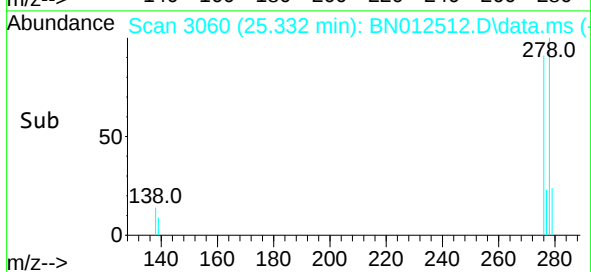
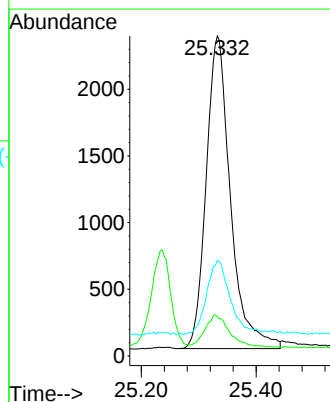
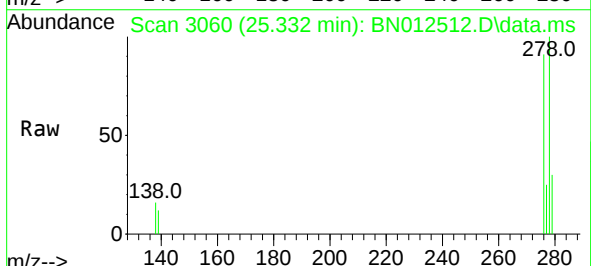
RT: 25.332 min Scan# 3060

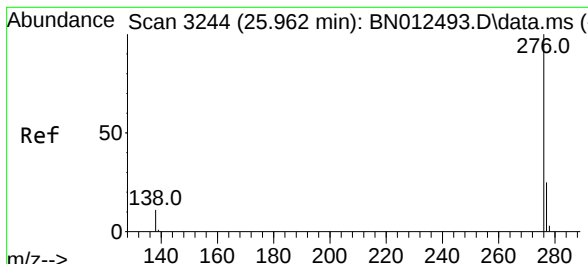
Delta R.T. -0.003 min

Lab File: BN012512.D

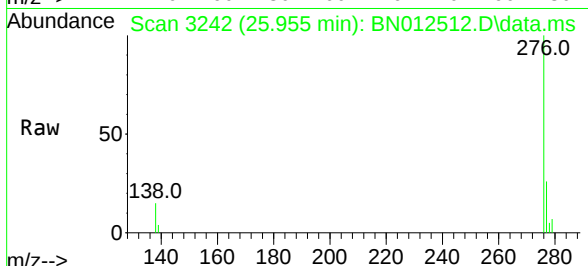
Acq: 09 Nov 2020 14:32

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 278   | Resp: | 6883 |
| Ion Ratio | Lower | Upper |      |
| 278       | 100   |       |      |
| 139       | 12.3  | 9.3   | 13.9 |
| 279       | 29.8  | 21.6  | 32.4 |

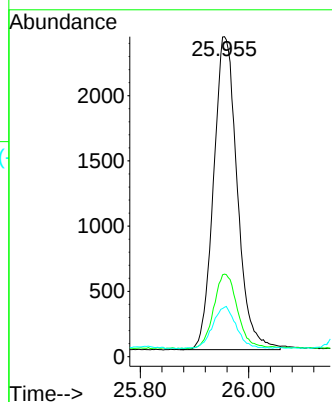
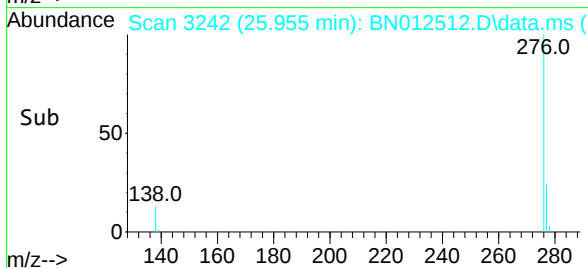




#41  
 Benzo(g,h,i)perylene  
 Concen: 0.39 ng  
 RT: 25.955 min Scan# 3242  
 Delta R.T. -0.007 min  
 Lab File: BN012512.D  
 Acq: 09 Nov 2020 14:32



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 7266 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 277       | 25.8  | 19.8  | 29.8 |
| 138       | 15.4  | 11.7  | 17.5 |



Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB132836BSD

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