

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN103020\  
 Data File : BN012475.D  
 Acq On : 30 Oct 2020 18:24  
 Operator : CG/JU  
 Sample : L4547-02MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT-033-IDWSO-20201027MS

Manual Integrations  
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Quant Time: Oct 31 05:28:05 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN103020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 30 14:49:10 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.570  | 152  | 978      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.338 | 136  | 4072     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.209 | 164  | 2321     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.959 | 188  | 5154     | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.164 | 240  | 5683     | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12              | 23.338 | 264  | 6091     | 0.40 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.186  | 112  | 938      | 0.27 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.748  | 99   | 1283     | 0.30 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.716  | 82   | 1697     | 0.36 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.935 | 152  | 2003     | 0.30 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.706 | 330  | 504      | 0.32 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.826 | 172  | 3330     | 0.38 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.999 | 212  | 5114     | 0.32 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.610 | 244  | 6007     | 0.45 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.164  | 88   | 647      | 0.39 | ng    | # 79     |
| 3) n-Nitrosodimethylamine     | 3.470  | 42   | 1372     | 0.34 | ng    | # 65     |
| 6) bis(2-Chloroethyl)ether    | 7.006  | 93   | 992      | 0.36 | ng    | 91       |
| 9) Naphthalene                | 10.389 | 128  | 3692     | 0.32 | ng    | 98       |
| 10) Hexachlorobutadiene       | 10.668 | 225  | 688      | 0.29 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.011 | 142  | 2496     | 0.34 | ng    | # 90     |
| 16) Acenaphthylene            | 13.929 | 152  | 3658     | 0.32 | ng    | 98       |
| 17) Acenaphthene              | 14.272 | 154  | 2367     | 0.32 | ng    | 90       |
| 18) Fluorene                  | 15.262 | 166  | 3216     | 0.35 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.363 | 198  | 329      | 0.33 | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 16.156 | 248  | 952      | 0.30 | ng    | # 58     |
| 22) Hexachlorobenzene         | 16.266 | 284  | 1083     | 0.28 | ng    | # 80     |
| 23) Atrazine                  | 16.436 | 200  | 860      | 0.29 | ng    | # 87     |
| 24) Pentachlorophenol         | 16.619 | 266  | 783      | 0.44 | ng    | 99       |
| 25) Phenanthrene              | 16.996 | 178  | 5618m    | 0.37 | ng    |          |
| 26) Anthracene                | 17.093 | 178  | 4818     | 0.34 | ng    | 95       |
| 28) Fluoranthene              | 19.029 | 202  | 6680     | 0.37 | ng    | # 98     |
| 30) Pyrene                    | 19.396 | 202  | 8755     | 0.45 | ng    | # 94     |
| 32) Benzo(a)anthracene        | 21.154 | 228  | 6188     | 0.35 | ng    | 98       |
| 33) Chrysene                  | 21.207 | 228  | 6519     | 0.34 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.090 | 149  | 6289     | 0.54 | ng    | # 90     |
| 35) Indeno(1,2,3-cd)pyrene    | 25.491 | 276  | 7519     | 0.27 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.691 | 252  | 6893     | 0.35 | ng    | # 86     |
| 38) Benzo(k)fluoranthene      | 22.732 | 252  | 6855     | 0.33 | ng    | # 87     |
| 39) Benzo(a)pyrene            | 23.242 | 252  | 6011     | 0.32 | ng    | # 85     |
| 40) Dibenzo(a,h)anthracene    | 25.505 | 278  | 6229     | 0.29 | ng    | # 91     |
| 41) Benzo(g,h,i)perylene      | 26.148 | 276  | 6405     | 0.29 | ng    | # 96     |
| -----                         |        |      |          |      |       |          |

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

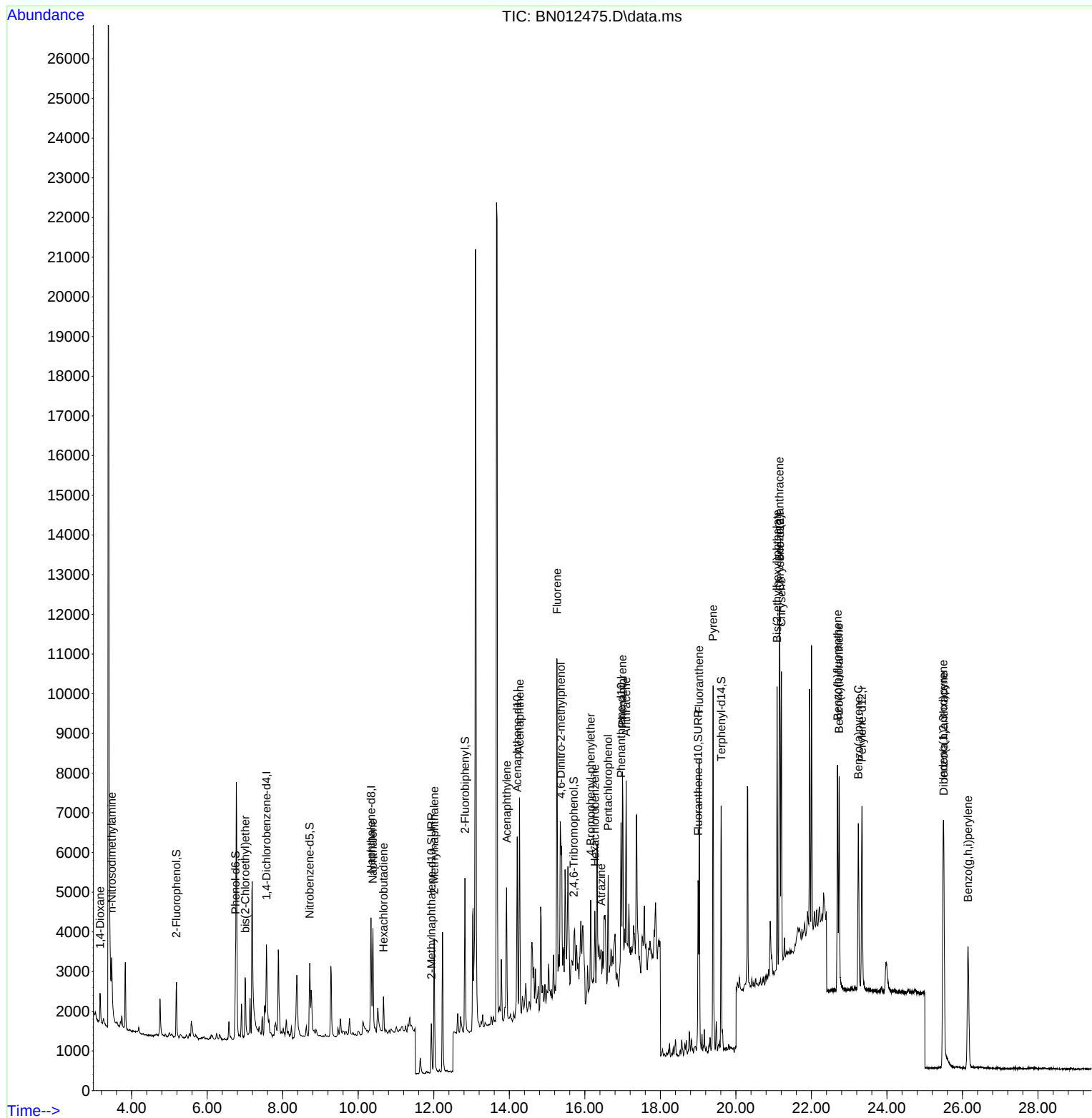
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN103020\  
Data File : BN012475.D  
Acq On : 30 Oct 2020 18:24  
Operator : CG/JU  
Sample : L4547-02MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

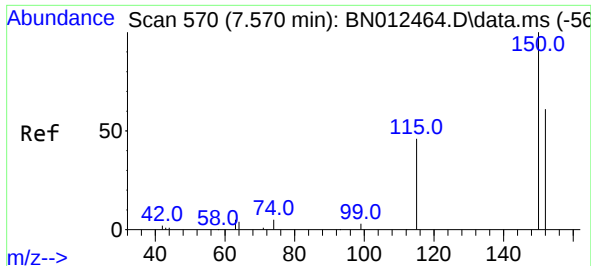
Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027MS

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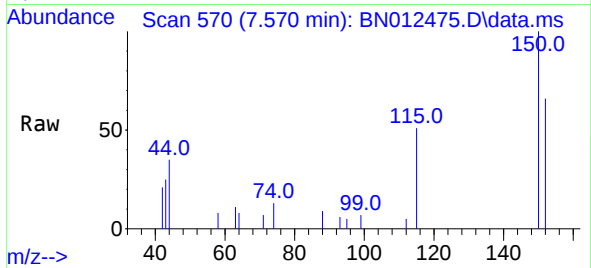
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Quant Time: Oct 31 05:28:05 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN103020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 30 14:49:10 2020  
Response via : Initial Calibration

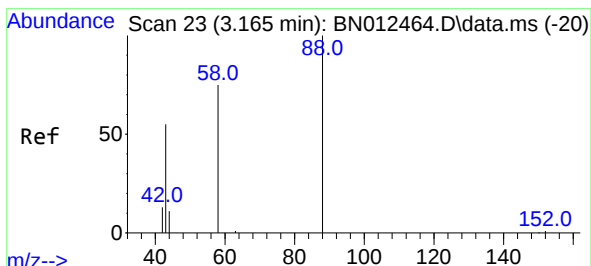
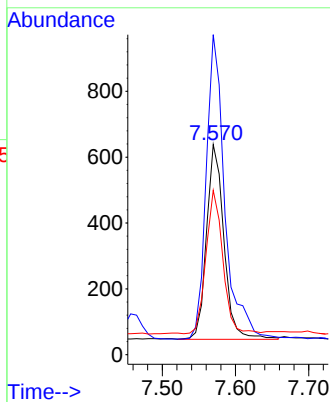
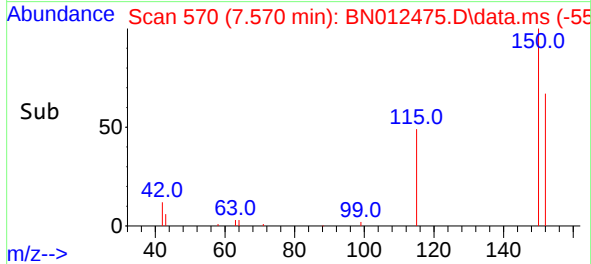




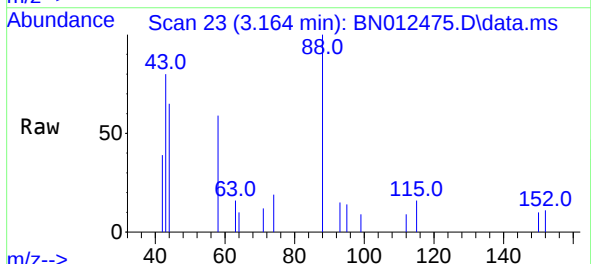
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1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.570 min Scan# 570  
Delta R.T. -0.000 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24



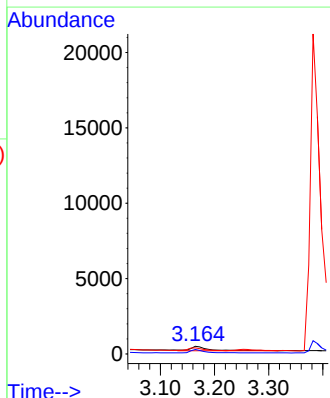
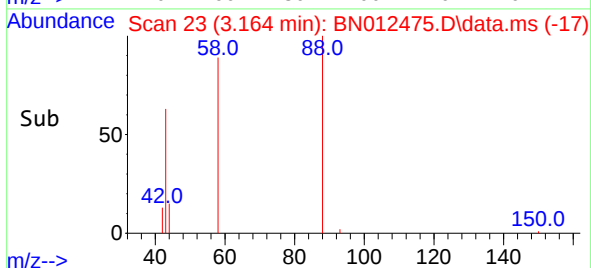
Tgt Ion: 152 Resp: 978  
Ion Ratio Lower Upper  
152 100  
150 152.4 116.6 174.8  
115 78.2 52.9 79.3



#2  
1,4-Dioxane  
Concen: 0.39 ng  
RT: 3.164 min Scan# 23  
Delta R.T. -0.000 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24



Tgt Ion: 88 Resp: 647  
Ion Ratio Lower Upper  
88 100  
58 58.4 59.4 89.2#  
43 56.9 32.3 48.5#

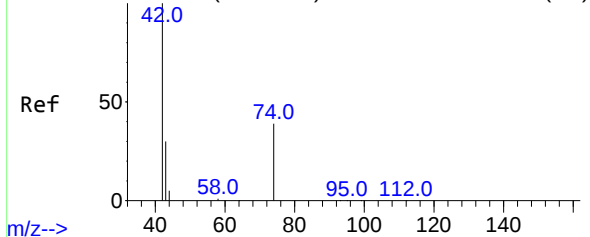


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Abundance Scan 62 (3.479 min): BN012464.D\data.ms (-58)



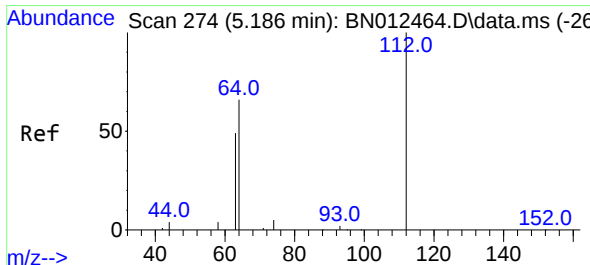
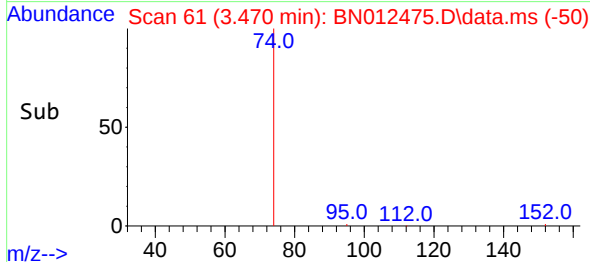
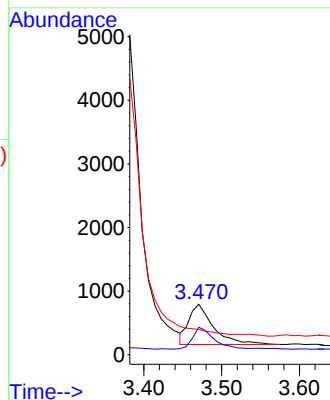
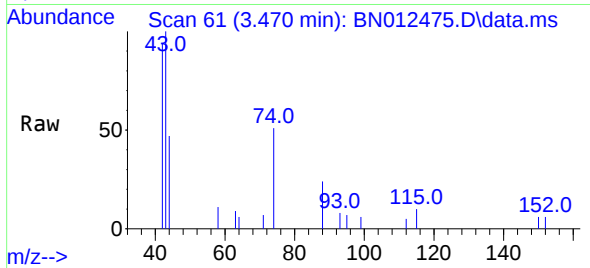
#3  
n-Nitrosodimethylamine  
Concen: 0.34 ng  
RT: 3.470 min Scan# 61  
Delta R.T. -0.008 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

Tgt Ion: 42 Resp: 1372  
Ion Ratio Lower Upper  
42 100  
74 48.3 64.4 96.6#  
44 0.0 2.8 4.2#

Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027MS

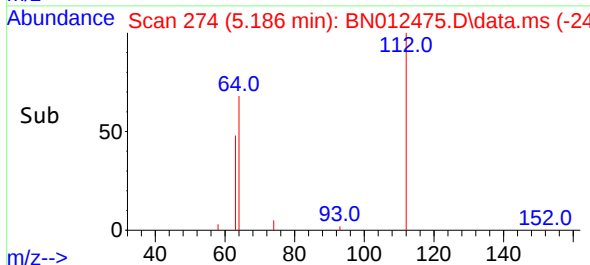
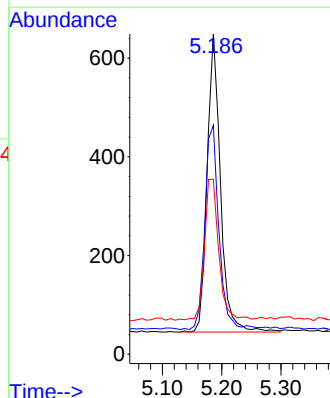
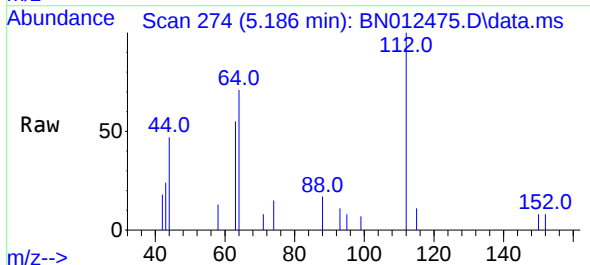
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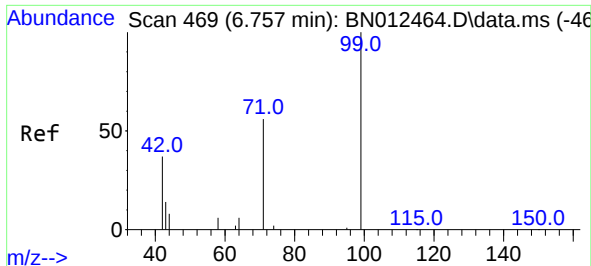
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#4  
2-Fluorophenol  
Concen: 0.27 ng  
RT: 5.186 min Scan# 274  
Delta R.T. -0.000 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

Tgt Ion: 112 Resp: 938  
Ion Ratio Lower Upper  
112 100  
64 71.7 49.5 74.3  
63 50.0 32.0 48.0#





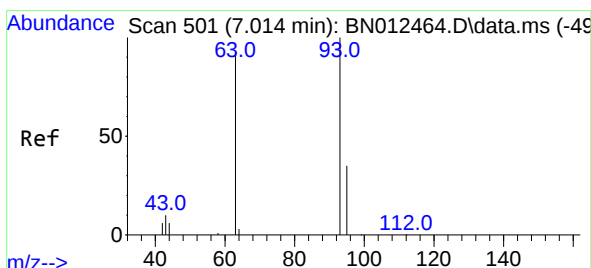
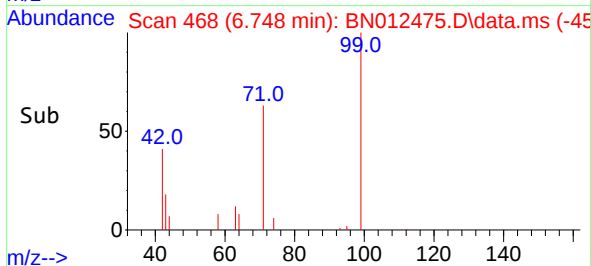
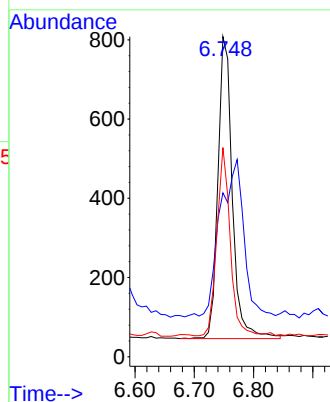
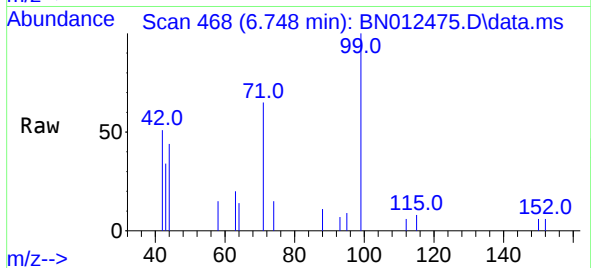
#5  
Phenol-d6  
Concen: 0.30 ng  
RT: 6.748 min Scan# 468  
Delta R.T. -0.008 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

Tgt Ion: 99 Resp: 1283  
Ion Ratio Lower Upper  
99 100  
42 0.0 22.4 33.6#  
71 57.7 37.8 56.6#

Instrument :  
BNA\_N  
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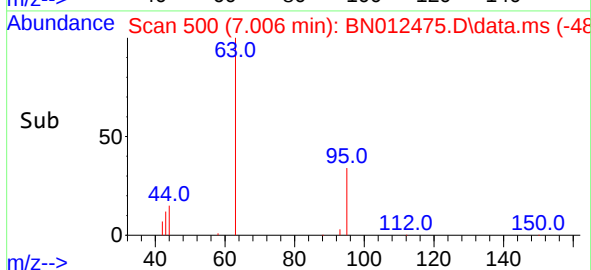
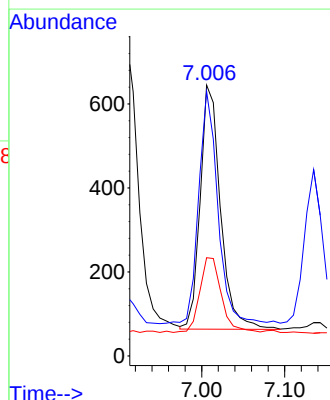
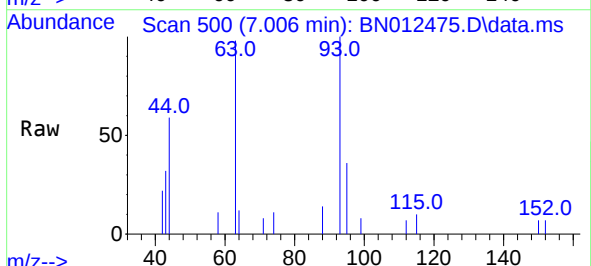
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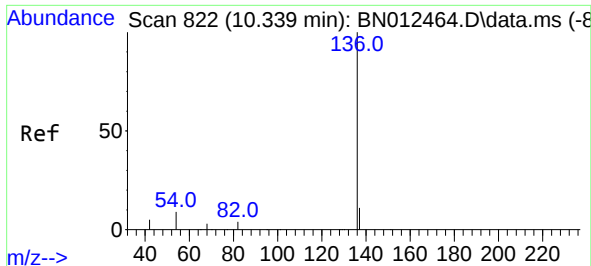
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#6  
bis(2-Chloroethyl)ether  
Concen: 0.36 ng  
RT: 7.006 min Scan# 500  
Delta R.T. -0.008 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

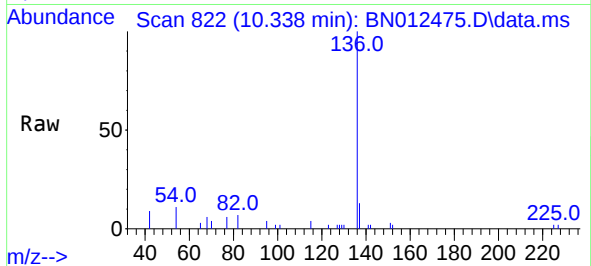
Tgt Ion: 93 Resp: 992  
Ion Ratio Lower Upper  
93 100  
63 89.2 63.1 94.7  
95 32.3 26.1 39.1





#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.338 min Scan# 822  
Delta R.T. -0.000 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

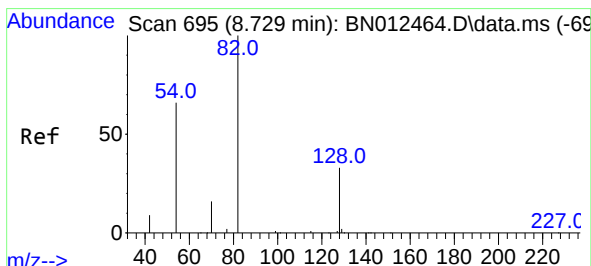
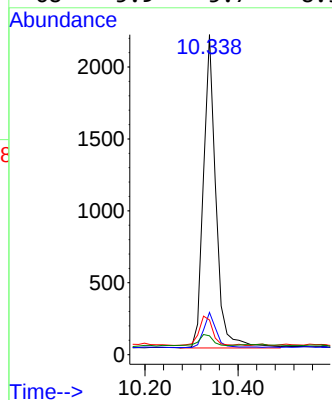
Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027MS



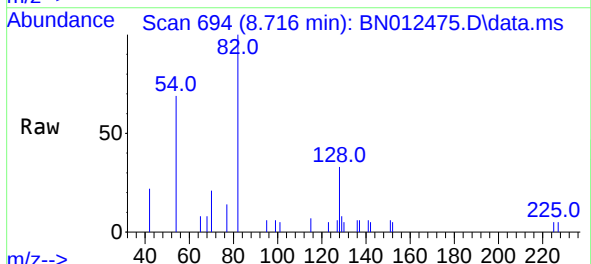
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 4072  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 13.2  | 10.6  | 15.8  |
| 54       | 10.8  | 8.6   | 12.8  |
| 68       | 5.9   | 5.7   | 8.5   |

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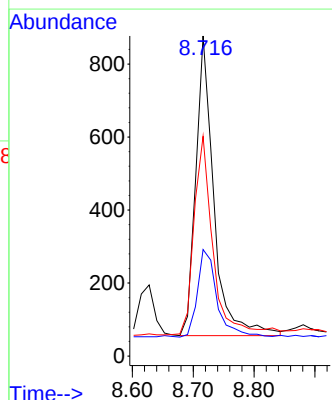
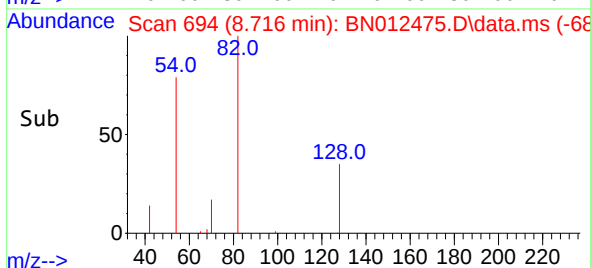
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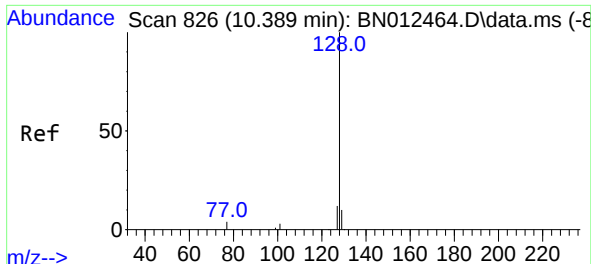


#8  
Nitrobenzene-d5  
Concen: 0.36 ng  
RT: 8.716 min Scan# 694  
Delta R.T. -0.013 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24



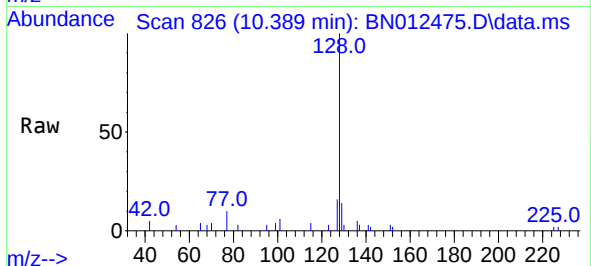
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1697  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 33.3  | 30.6  | 46.0  |
| 54       | 68.6  | 48.3  | 72.5  |





#9  
Naphthalene  
Concen: 0.32 ng  
RT: 10.389 min Scan# 826  
Delta R.T. -0.000 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

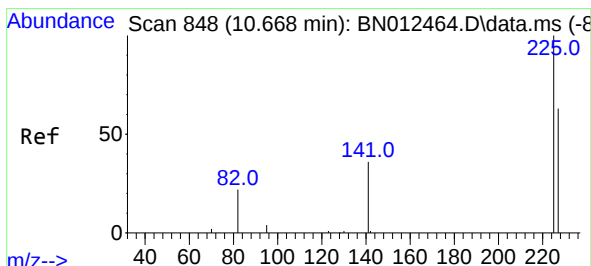
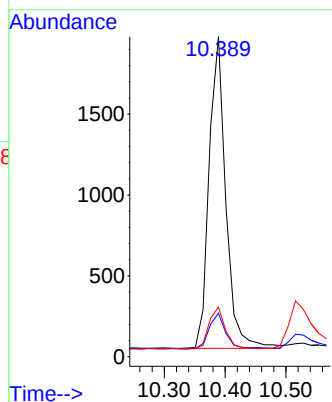
Instrument :  
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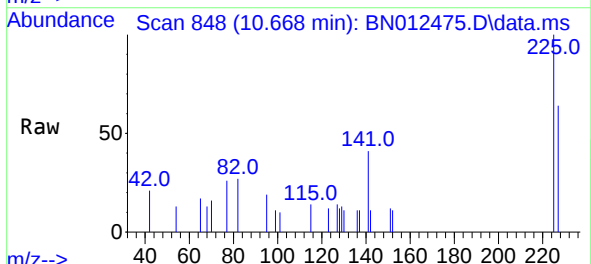
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 128   | Resp: | 3692 |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 129       | 13.6  | 9.8   | 14.8 |
| 127       | 15.5  | 12.2  | 18.4 |

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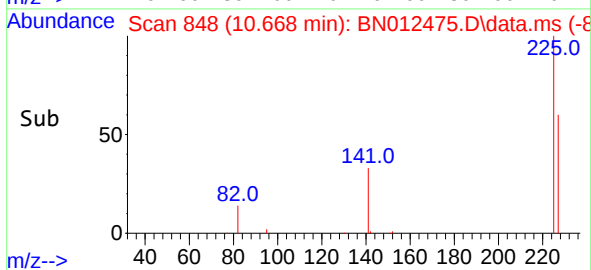
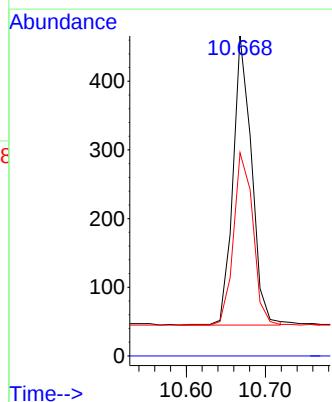
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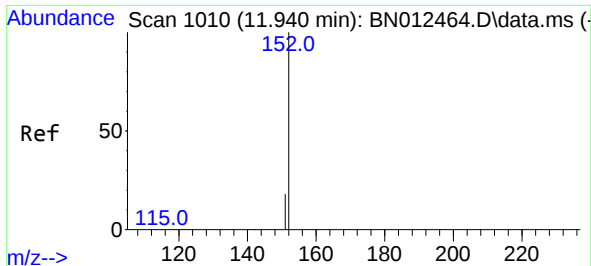


#10  
Hexachlorobutadiene  
Concen: 0.29 ng  
RT: 10.668 min Scan# 848  
Delta R.T. -0.000 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24



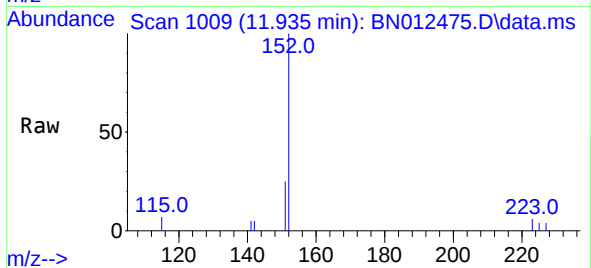
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 688  |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 0.0   | 0.0   | 0.0  |
| 227       | 62.1  | 51.0  | 76.6 |





#11  
2-Methylnaphthalene-d10  
Concen: 0.30 ng  
RT: 11.935 min Scan# 1009  
Delta R.T. -0.005 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

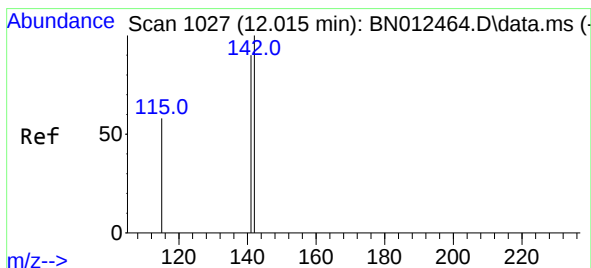
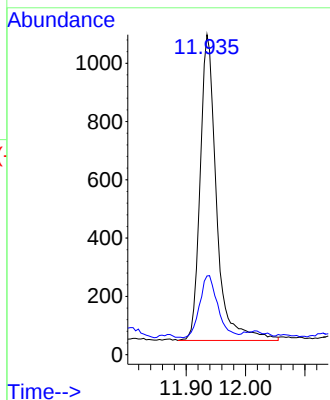
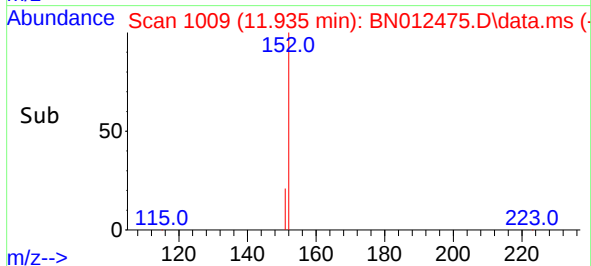
Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027MS



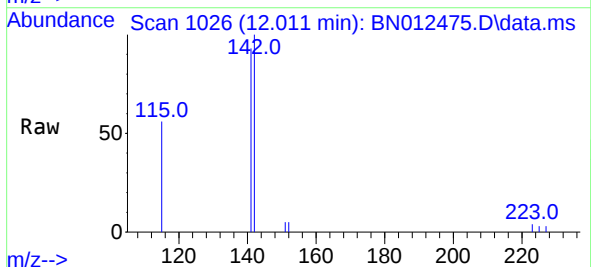
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Ion Ratio Lower Upper  
152 100  
151 22.8 16.7 25.1

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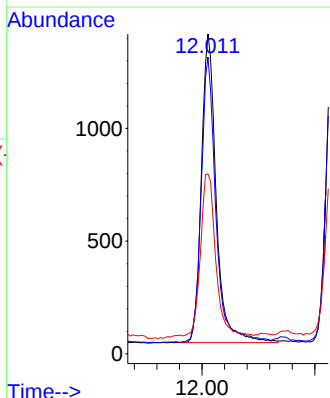
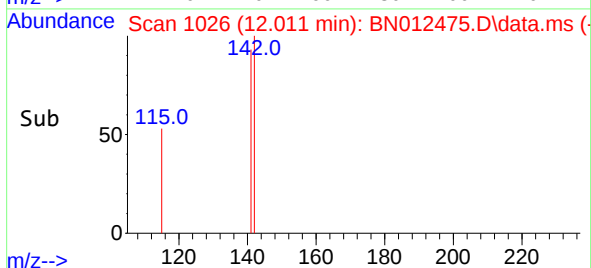
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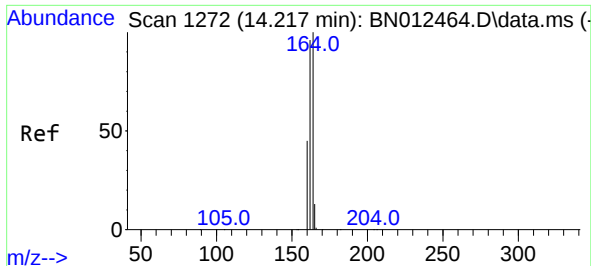


#12  
2-Methylnaphthalene  
Concen: 0.34 ng  
RT: 12.011 min Scan# 1026  
Delta R.T. -0.005 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

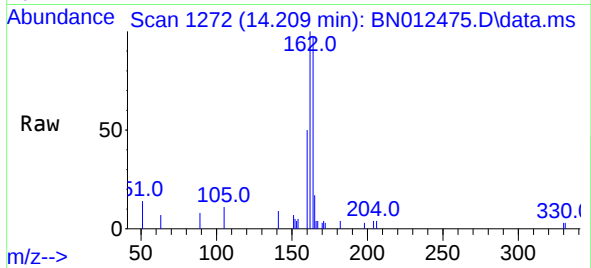


Tgt Ion:142 Resp: 2496  
Ion Ratio Lower Upper  
142 100  
141 92.8 69.4 104.2  
115 56.2 35.7 53.5#



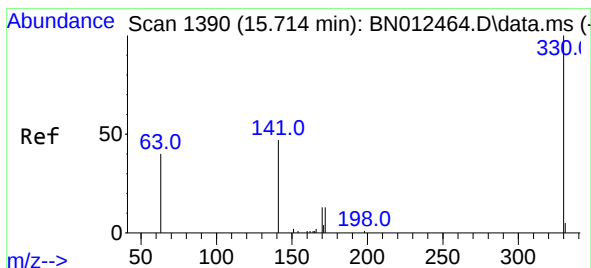
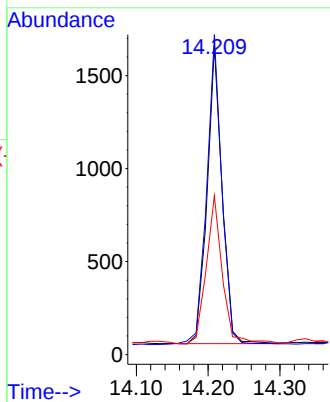
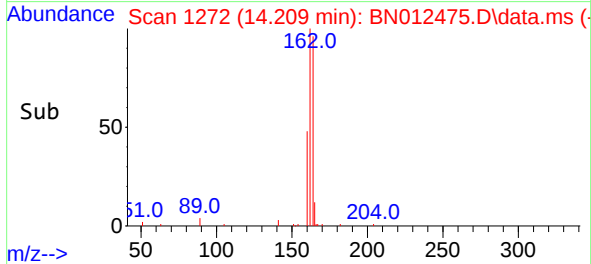


#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.209 min Scan# 1272  
Delta R.T. -0.008 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

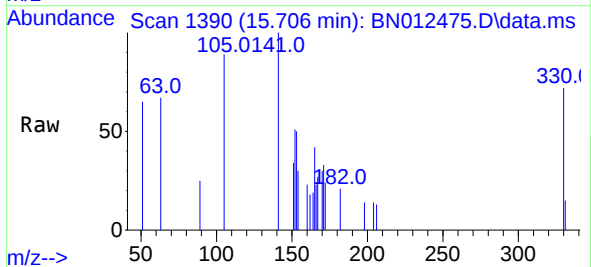


Tgt Ion:164 Resp: 2321

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 103.6 | 80.6  | 120.8 |
| 160 | 51.5  | 39.5  | 59.3  |

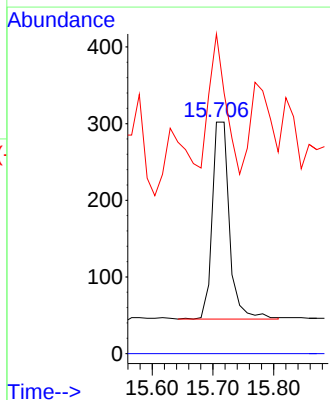
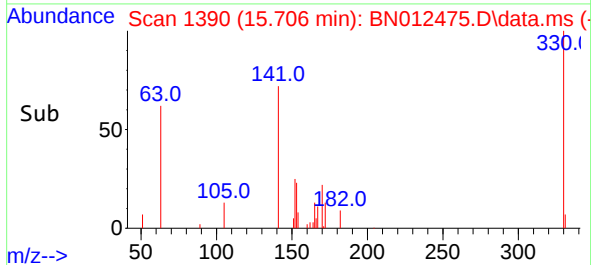


#14  
2,4,6-Tribromophenol  
Concen: 0.32 ng  
RT: 15.706 min Scan# 1390  
Delta R.T. -0.009 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24



Tgt Ion:330 Resp: 504

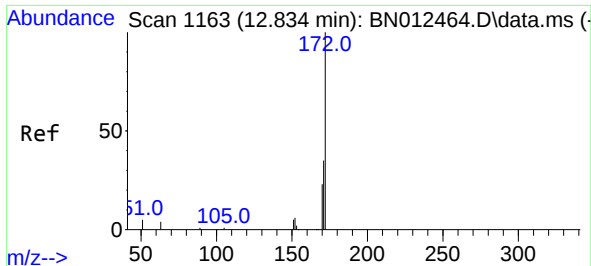
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 0.0   | 0.0   | 0.0   |
| 141 | 66.5  | 34.4  | 51.6  |



Instrument :  
BNA\_N  
ClientSampleId :  
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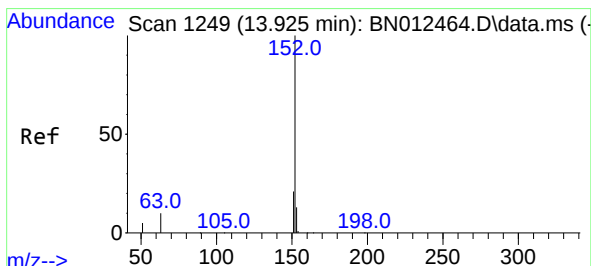
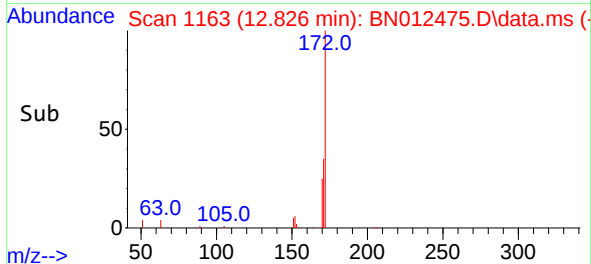
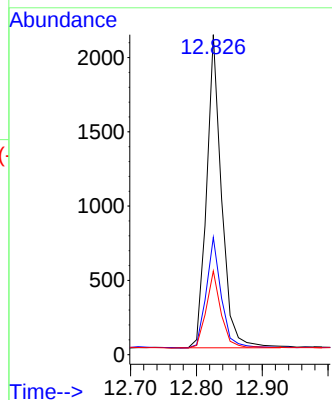
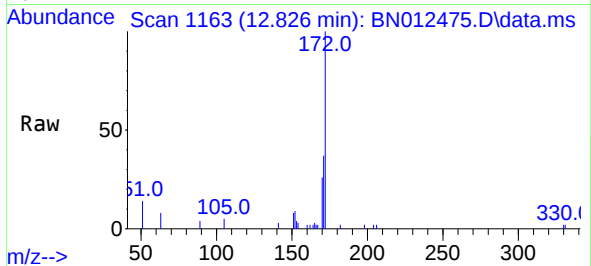
#15  
2-Fluorobiphenyl  
Concen: 0.38 ng  
RT: 12.826 min Scan# 1163  
Delta R.T. -0.009 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 3330 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 36.6  | 28.2  | 42.4 |
| 170       | 26.1  | 20.0  | 30.0 |

Instrument :  
BNA\_N  
ClientSampleId :  
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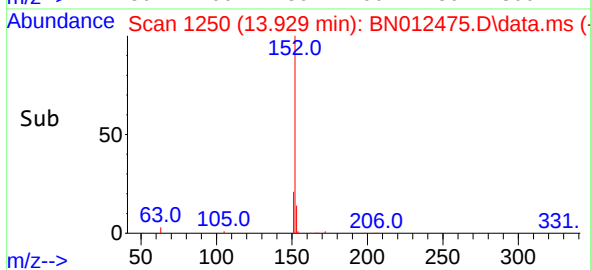
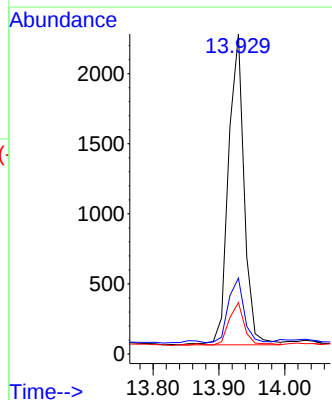
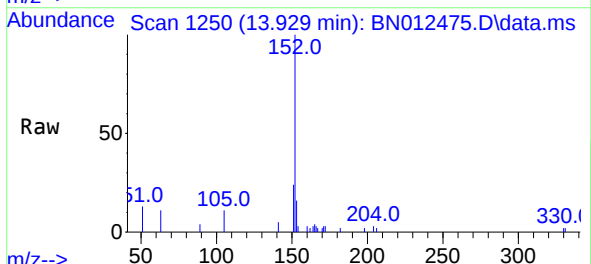
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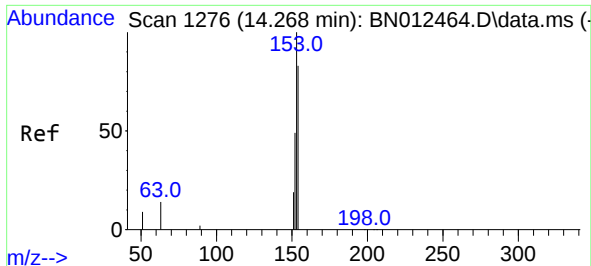
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#16  
Acenaphthylene  
Concen: 0.32 ng  
RT: 13.929 min Scan# 1250  
Delta R.T. 0.004 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 3658 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 20.7  | 15.8  | 23.8 |
| 153       | 14.4  | 10.6  | 16.0 |





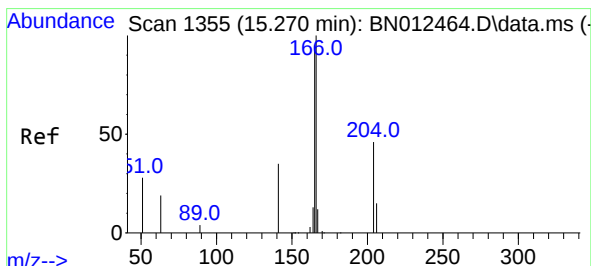
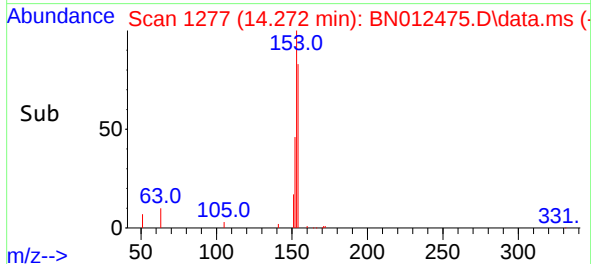
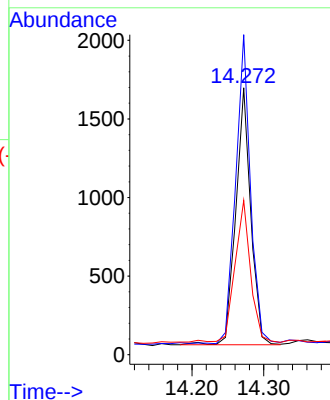
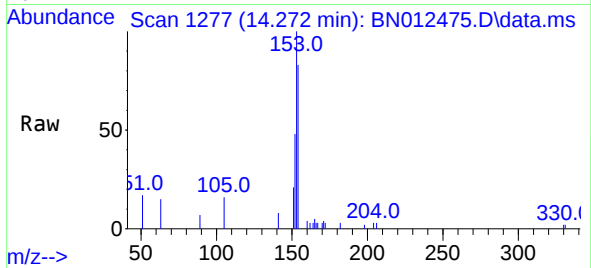
#17  
Acenaphthene  
Concen: 0.32 ng  
RT: 14.272 min Scan# 1277  
Delta R.T. 0.004 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

Tgt Ion:154 Resp: 2367  
Ion Ratio Lower Upper  
154 100  
153 118.3 83.6 125.4  
152 57.5 43.9 65.9

Instrument :  
BNA\_N  
ClientSampleId :  
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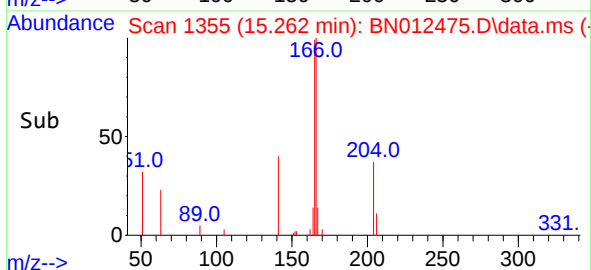
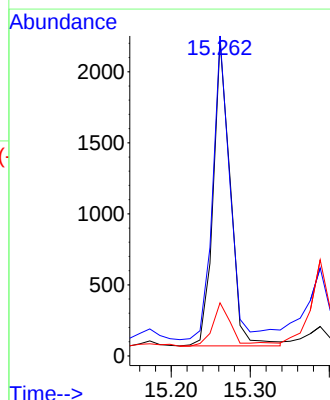
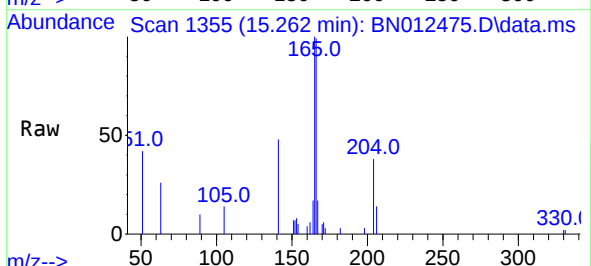
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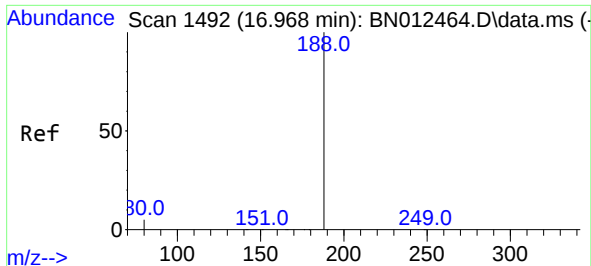
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#18  
Fluorene  
Concen: 0.35 ng  
RT: 15.262 min Scan# 1355  
Delta R.T. -0.009 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

Tgt Ion:166 Resp: 3216  
Ion Ratio Lower Upper  
166 100  
165 99.6 78.6 118.0  
167 15.1 10.7 16.1





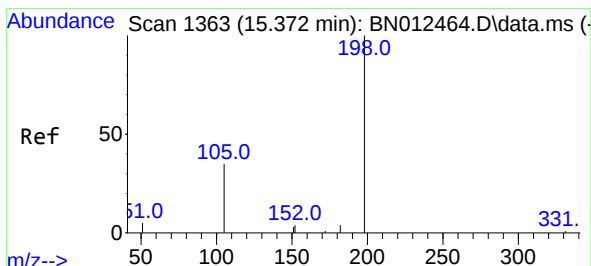
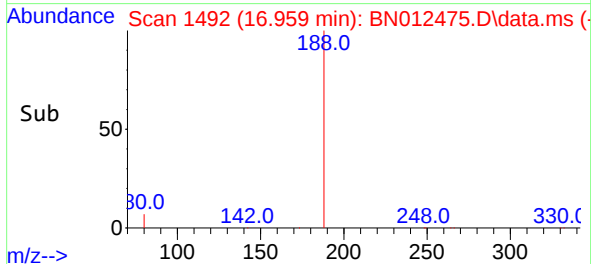
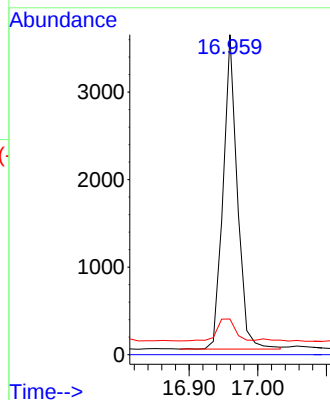
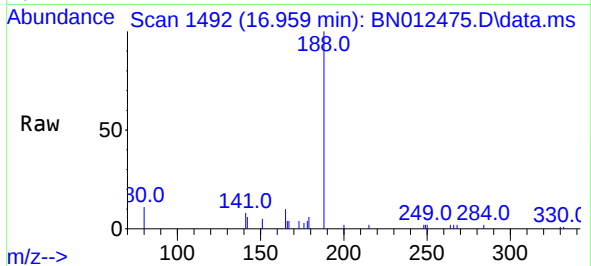
#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 16.959 min Scan# 1492  
Delta R.T. -0.009 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

Tgt Ion:188 Resp: 5154  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.1 5.0 7.4#

Instrument :  
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ClientSampleId :  
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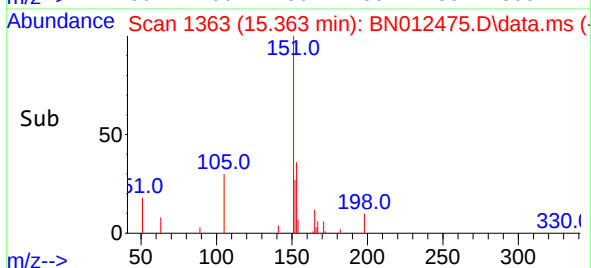
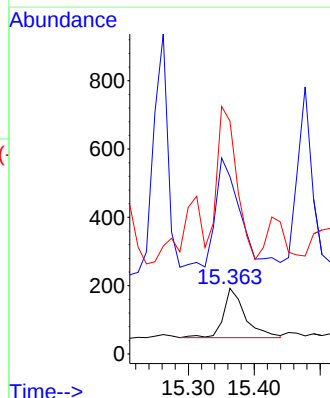
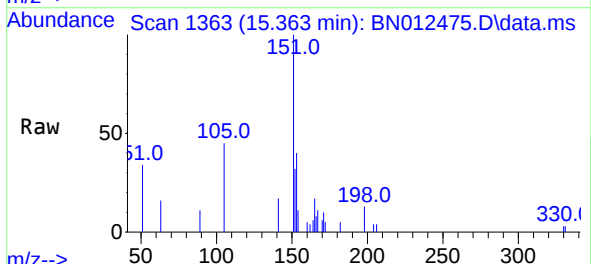
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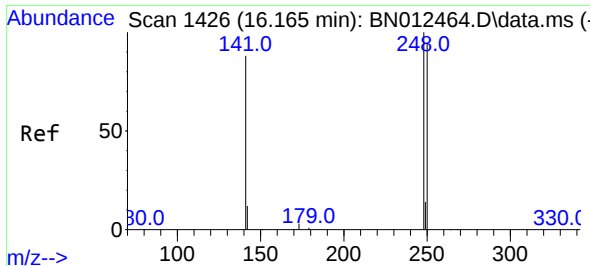
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#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.33 ng  
RT: 15.363 min Scan# 1363  
Delta R.T. -0.009 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

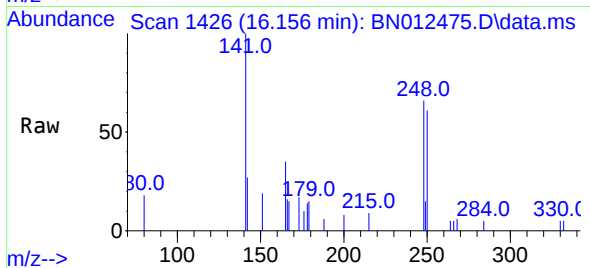
Tgt Ion:198 Resp: 329  
Ion Ratio Lower Upper  
198 100  
51 270.3 43.5 65.3#  
105 355.2 27.2 40.8#





#21  
4-Bromophenyl-phenylether  
Concen: 0.30 ng  
RT: 16.156 min Scan# 1426  
Delta R.T. -0.009 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

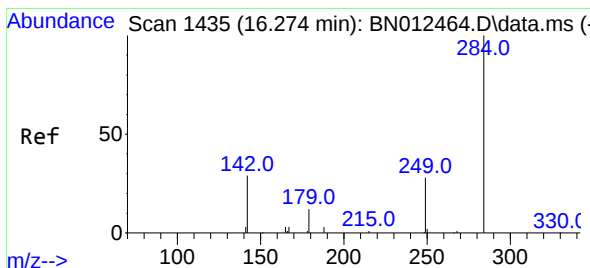
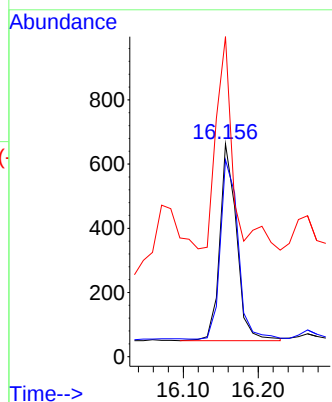
Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027MS



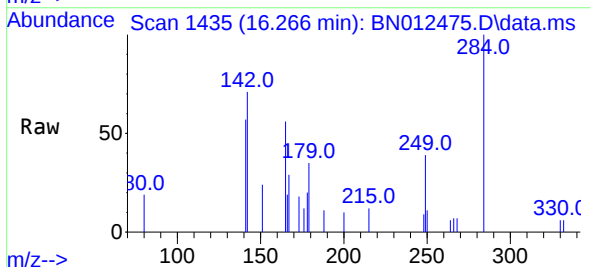
Tgt Ion:248 Resp: 952  
Ion Ratio Lower Upper  
248 100  
250 92.5 77.3 115.9  
141 150.4 57.8 86.8#

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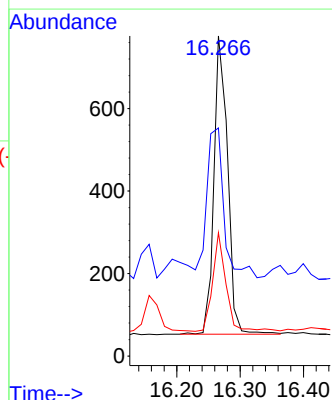
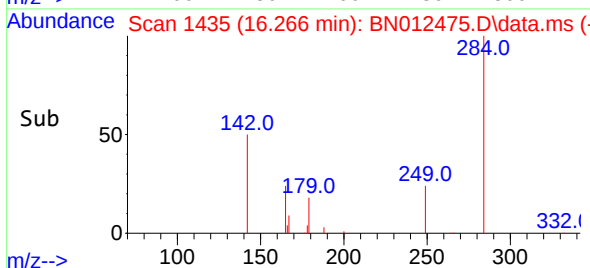
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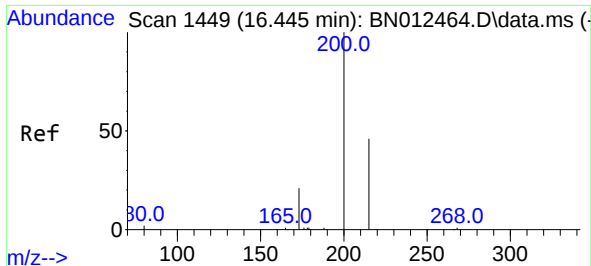


#22  
Hexachlorobenzene  
Concen: 0.28 ng  
RT: 16.266 min Scan# 1435  
Delta R.T. -0.009 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

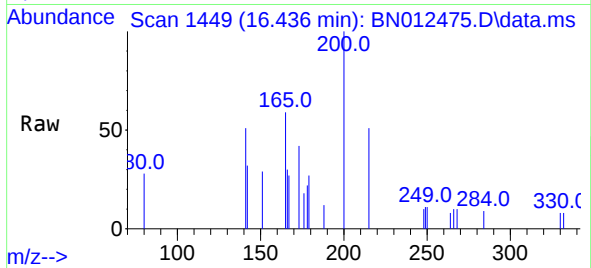


Tgt Ion:284 Resp: 1083  
Ion Ratio Lower Upper  
284 100  
142 62.0 32.0 48.0#  
249 32.4 27.0 40.6

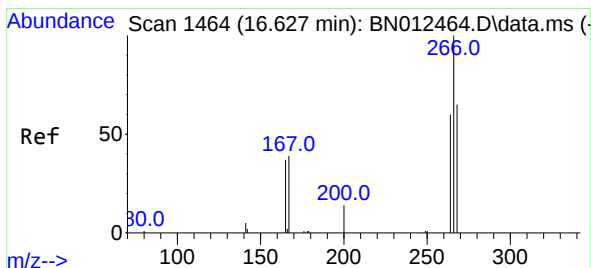
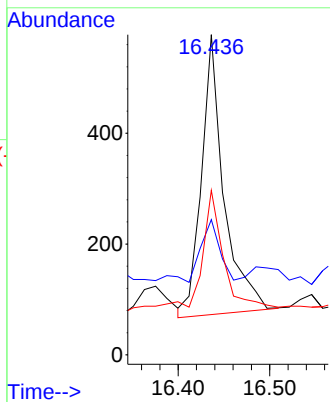
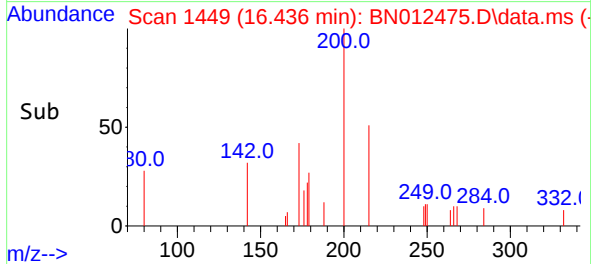




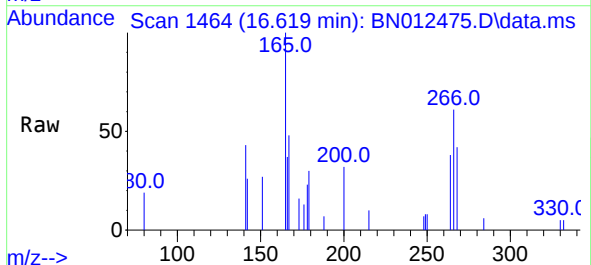
#23  
Atrazine  
Concen: 0.29 ng  
RT: 16.436 min Scan# 1449  
Delta R.T. -0.009 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24



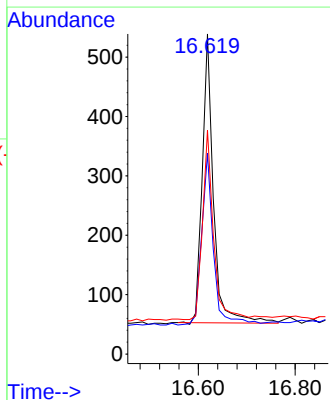
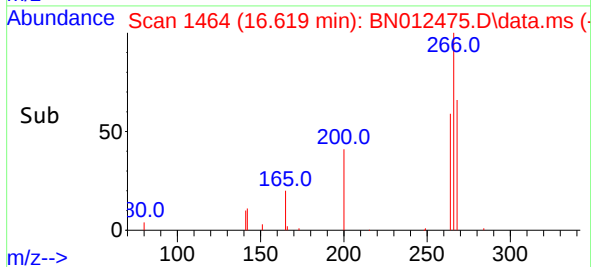
Tgt Ion:200 Resp: 860  
Ion Ratio Lower Upper  
200 100  
173 42.2 22.8 34.2#  
215 51.4 38.1 57.1



#24  
Pentachlorophenol  
Concen: 0.44 ng  
RT: 16.619 min Scan# 1464  
Delta R.T. -0.009 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24



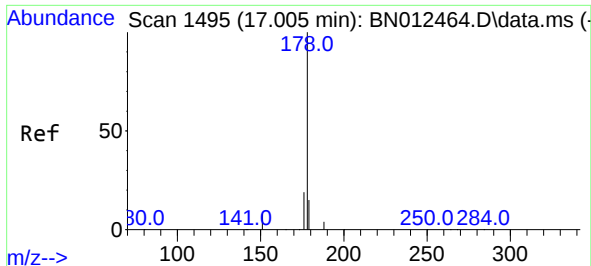
Tgt Ion:266 Resp: 783  
Ion Ratio Lower Upper  
266 100  
264 62.5 50.9 76.3  
268 64.0 51.5 77.3



Instrument :  
BNA\_N  
ClientSampleId :  
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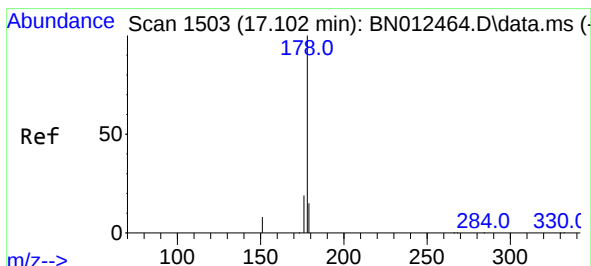
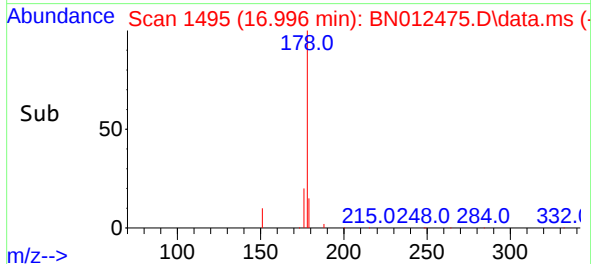
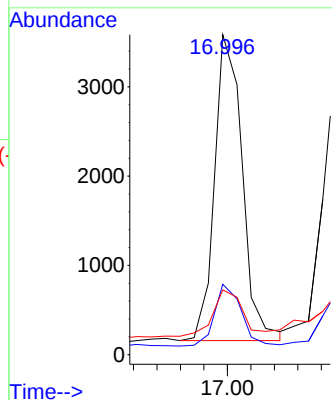
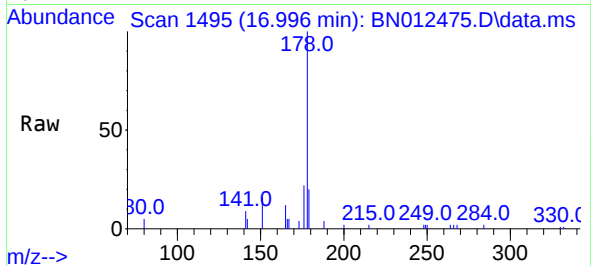
#25  
Phenanthrene  
Concen: 0.37 ng m  
RT: 16.996 min Scan# 1495  
Delta R.T. -0.009 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 5618  |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 17.3  | 14.8  | 22.2  |
| 179      | 15.6  | 12.4  | 18.6  |

Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027MS

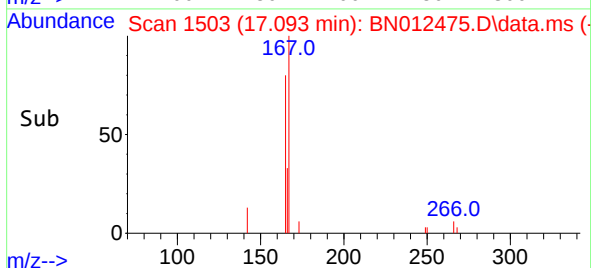
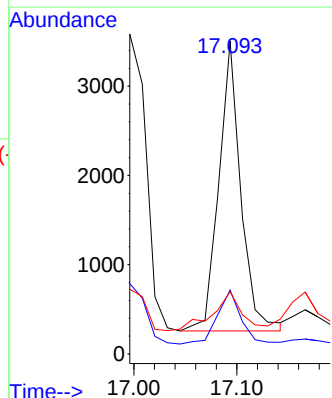
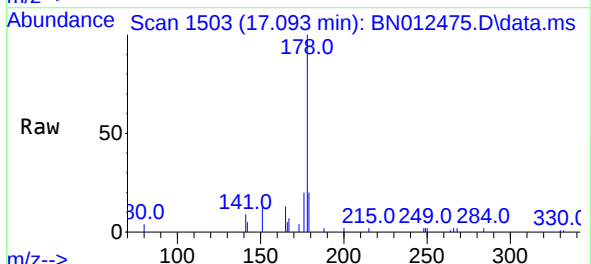
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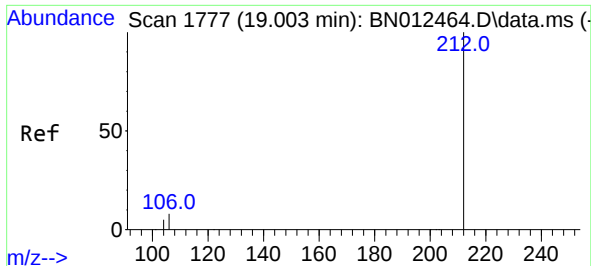
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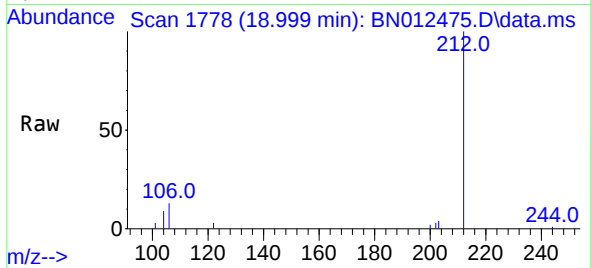
#26  
Anthracene  
Concen: 0.34 ng  
RT: 17.093 min Scan# 1503  
Delta R.T. -0.009 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 4818  |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 20.2  | 14.8  | 22.2  |
| 179      | 18.1  | 12.5  | 18.7  |



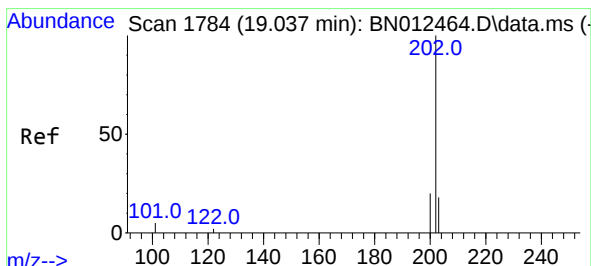
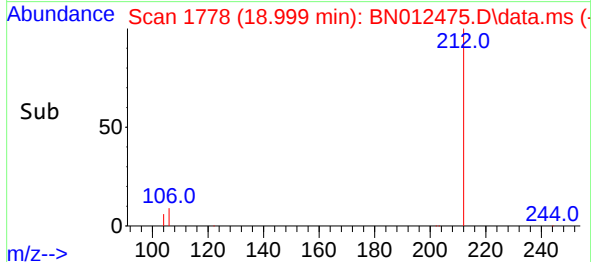
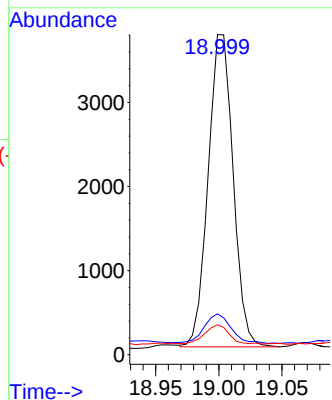


#27  
Fluoranthene-d10  
Concen: 0.32 ng  
RT: 18.999 min Scan# 1778  
Delta R.T. -0.004 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

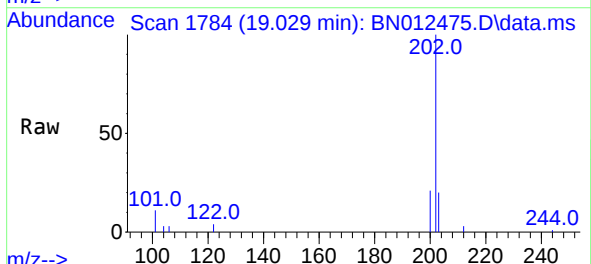


Tgt Ion: 212 Resp: 5114

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 212 | 100   |       |       |
| 106 | 10.1  | 6.8   | 10.2  |
| 104 | 6.0   | 4.1   | 6.1   |

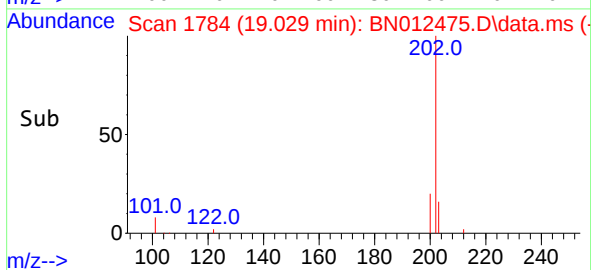
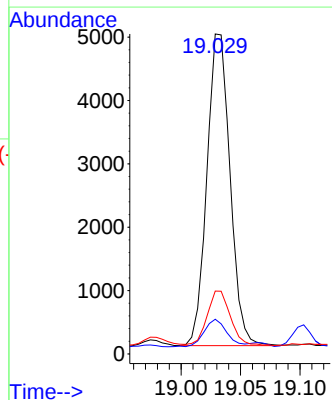


#28  
Fluoranthene  
Concen: 0.37 ng  
RT: 19.029 min Scan# 1784  
Delta R.T. -0.009 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24



Tgt Ion: 202 Resp: 6680

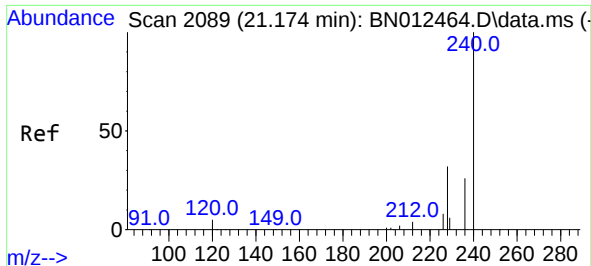
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 8.7   | 5.8   | 8.6#  |
| 203 | 17.6  | 13.7  | 20.5  |



Instrument :  
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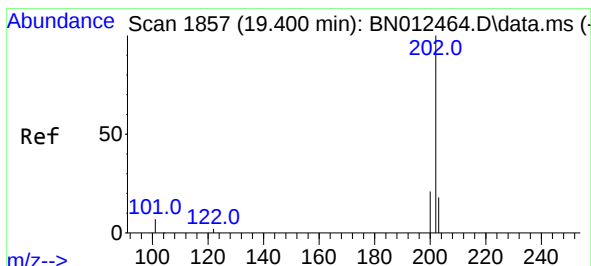
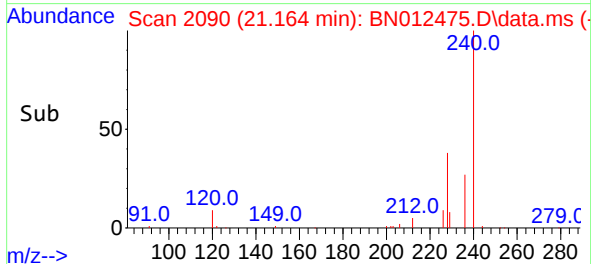
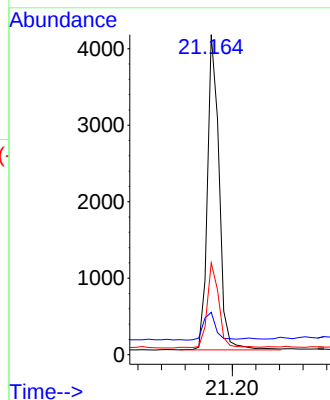
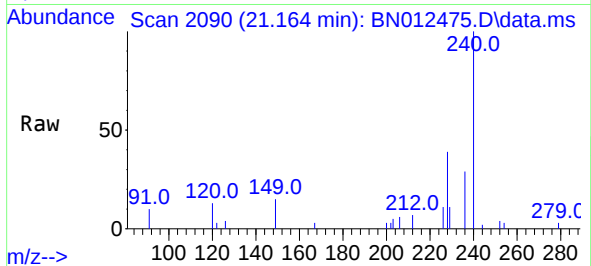
#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.164 min Scan# 2090  
Delta R.T. -0.009 min  
Lab File: BN012475.D  
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Tgt Ion:240 Resp: 5683  
Ion Ratio Lower Upper  
240 100  
120 13.3 5.3 7.9#  
236 28.7 21.8 32.8

Instrument :  
BNA\_N  
ClientSampleId :  
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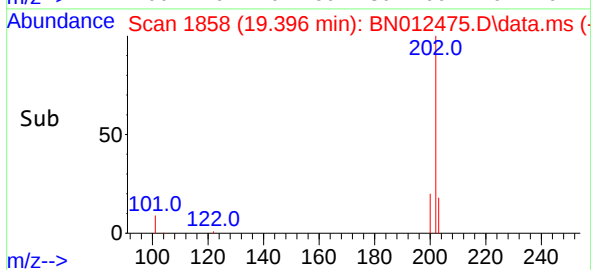
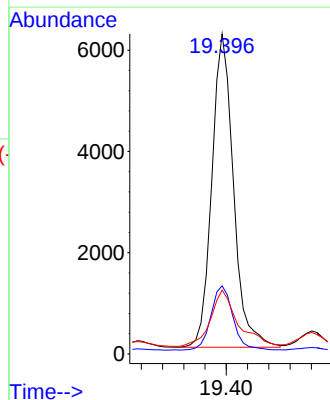
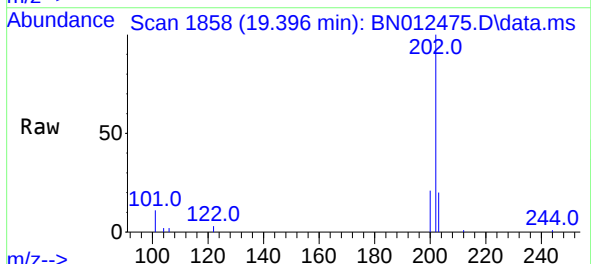
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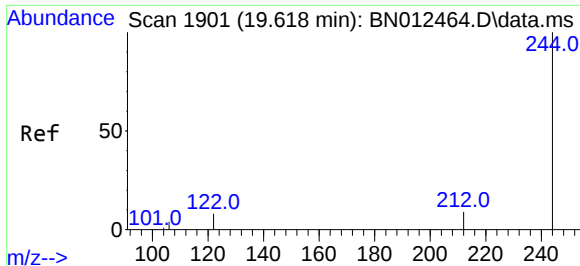
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#30  
Pyrene  
Concen: 0.45 ng  
RT: 19.396 min Scan# 1858  
Delta R.T. -0.004 min  
Lab File: BN012475.D  
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Tgt Ion:202 Resp: 8755  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.6 24.8  
203 22.5 13.8 20.8#





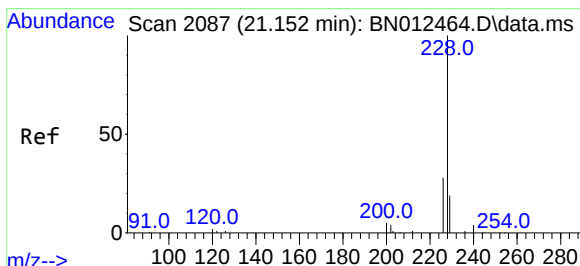
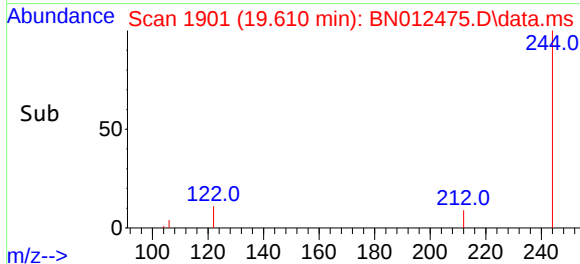
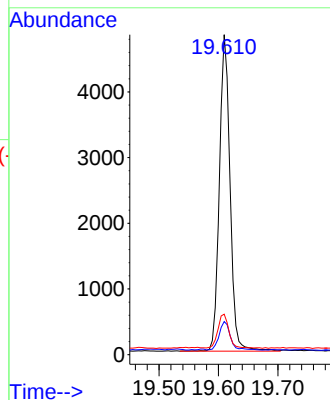
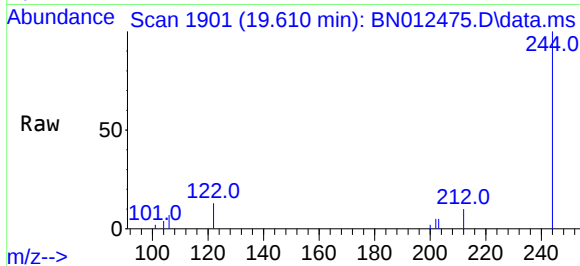
#31  
Terphenyl-d14  
Concen: 0.45 ng  
RT: 19.610 min Scan# 1901  
Delta R.T. -0.009 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

Tgt Ion:244 Resp: 6007  
Ion Ratio Lower Upper  
244 100  
212 10.4 7.3 10.9  
122 12.7 7.3 10.9#

Instrument :  
BNA\_N  
ClientSampleId :  
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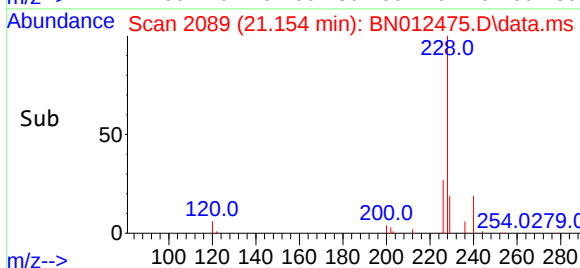
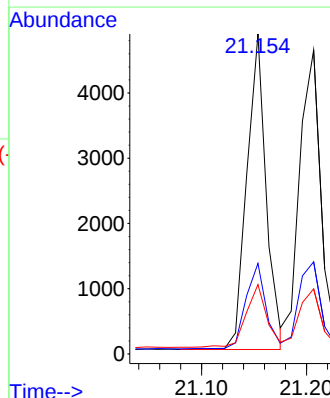
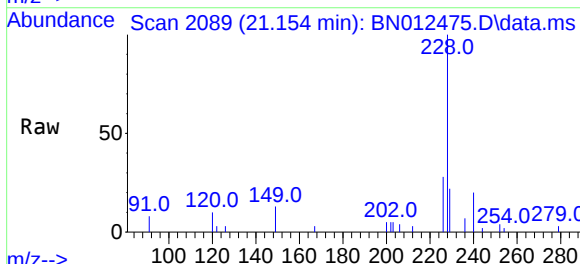
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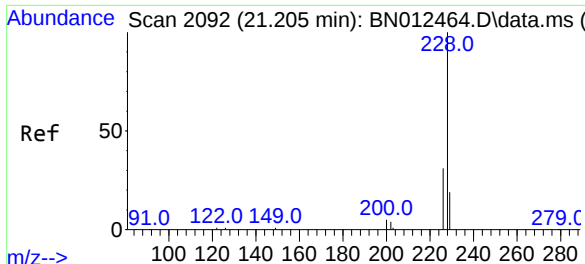
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#32  
Benzo(a)anthracene  
Concen: 0.35 ng  
RT: 21.154 min Scan# 2089  
Delta R.T. 0.001 min  
Lab File: BN012475.D  
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Tgt Ion:228 Resp: 6188  
Ion Ratio Lower Upper  
228 100  
226 28.3 22.3 33.5  
229 21.7 15.7 23.5





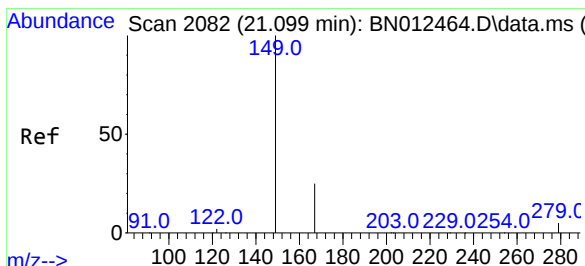
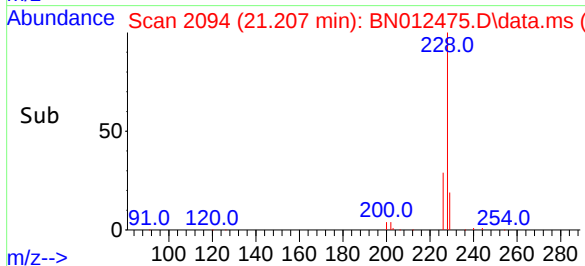
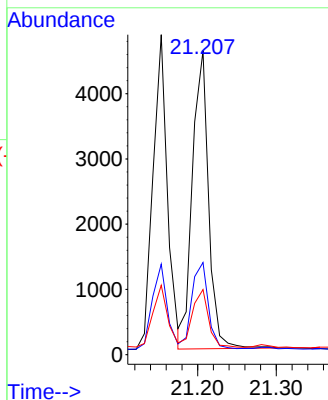
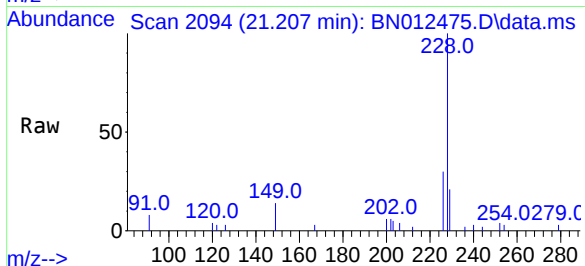
#33  
Chrysene  
Concen: 0.34 ng  
RT: 21.207 min Scan# 2094  
Delta R.T. 0.001 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 228   | Resp: | 6519 |
| Ion Ratio | Lower | Upper |      |
| 228       | 100   |       |      |
| 226       | 30.3  | 24.2  | 36.2 |
| 229       | 21.4  | 15.7  | 23.5 |

Instrument :  
BNA\_N  
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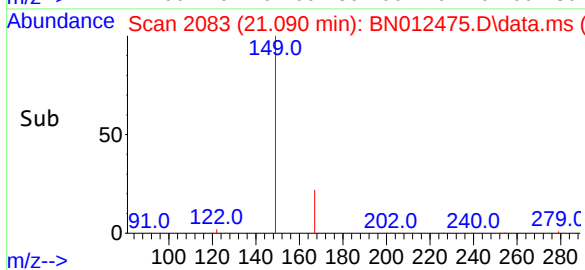
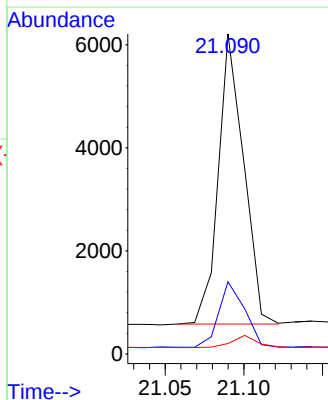
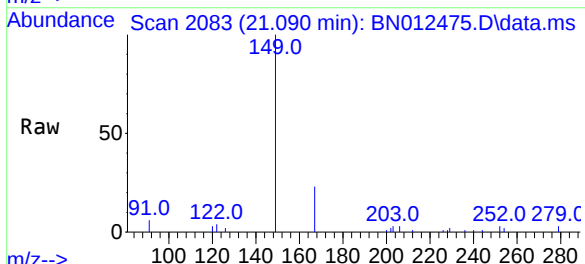
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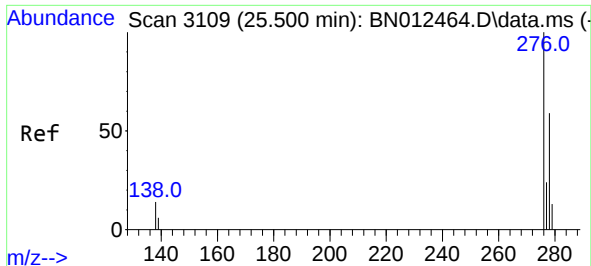
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#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.54 ng  
RT: 21.090 min Scan# 2083  
Delta R.T. -0.009 min  
Lab File: BN012475.D  
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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 6289  |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 22.9  | 23.2  | 34.8# |
| 279       | 4.2   | 3.9   | 5.9   |





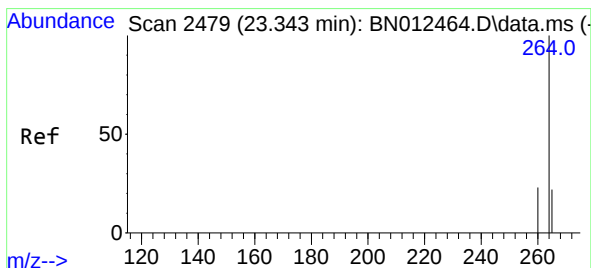
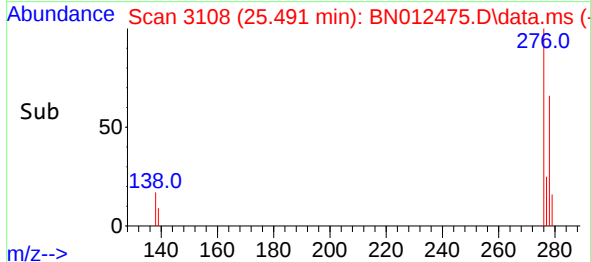
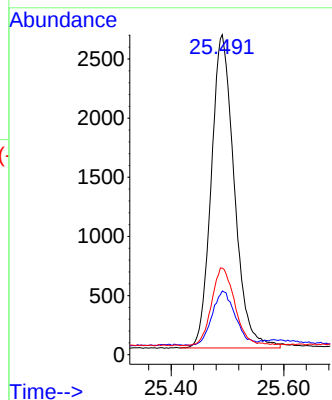
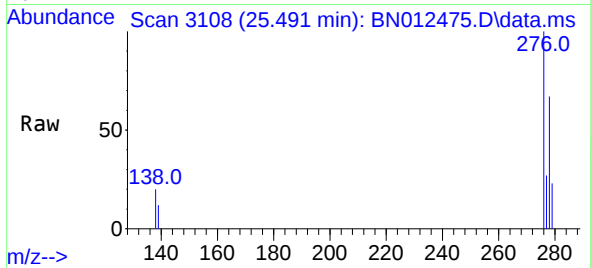
#35  
Indeno(1,2,3-cd)pyrene  
Concen: 0.27 ng  
RT: 25.491 min Scan# 3108  
Delta R.T. -0.009 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 7519 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 138       | 17.5  | 13.3  | 19.9 |
| 277       | 25.2  | 20.2  | 30.4 |

Instrument :  
BNA\_N  
ClientSampleId :  
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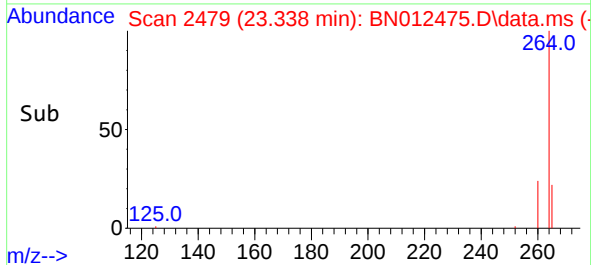
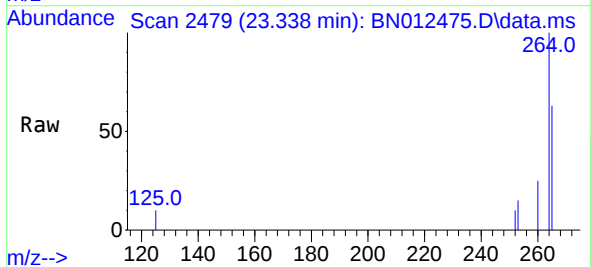
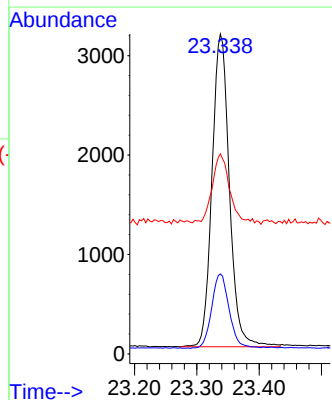
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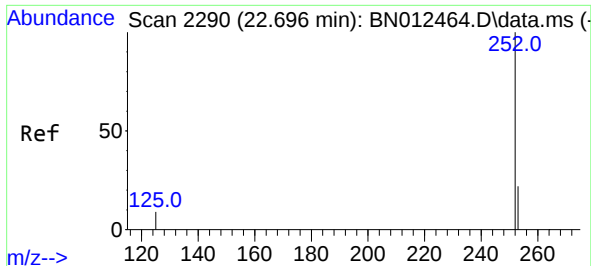
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#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.338 min Scan# 2479  
Delta R.T. -0.006 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 264   | Resp: | 6091 |
| Ion Ratio | Lower | Upper |      |
| 264       | 100   |       |      |
| 260       | 25.0  | 19.8  | 29.6 |
| 265       | 62.6  | 51.4  | 77.0 |





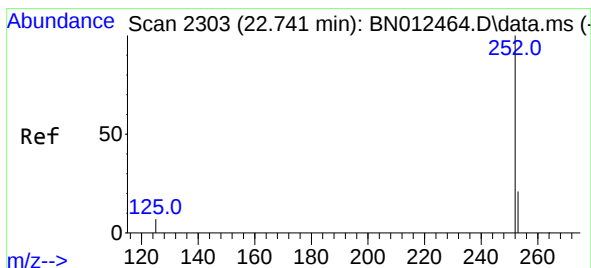
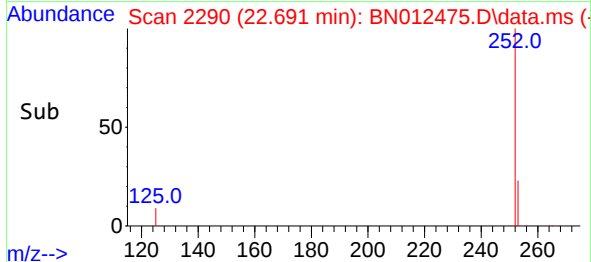
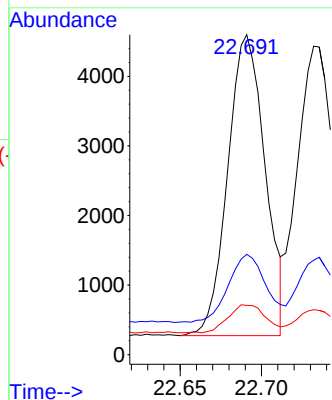
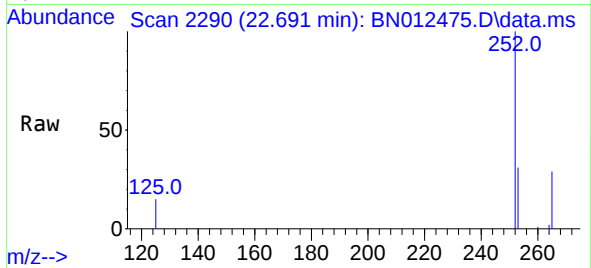
#37  
Benzo(b)fluoranthene  
Concen: 0.35 ng  
RT: 22.691 min Scan# 2290  
Delta R.T. -0.006 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

Tgt Ion:252 Resp: 6893  
Ion Ratio Lower Upper  
252 100  
253 31.4 20.1 30.1#  
125 15.4 7.2 10.8#

Instrument :  
BNA\_N  
ClientSampleId :  
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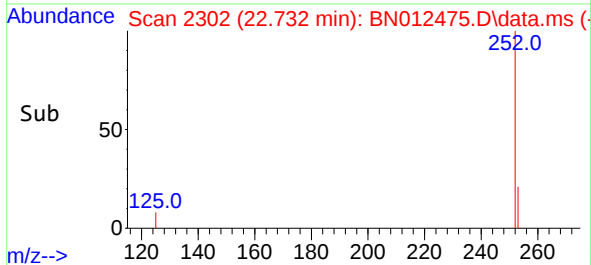
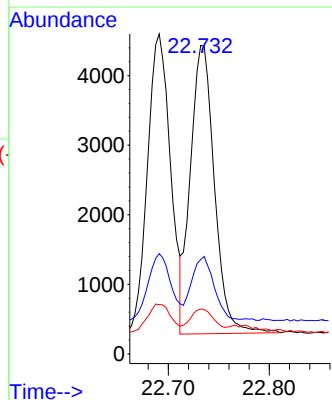
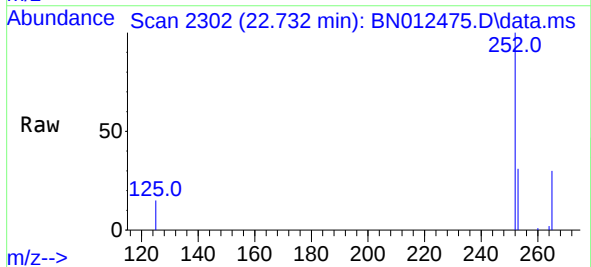
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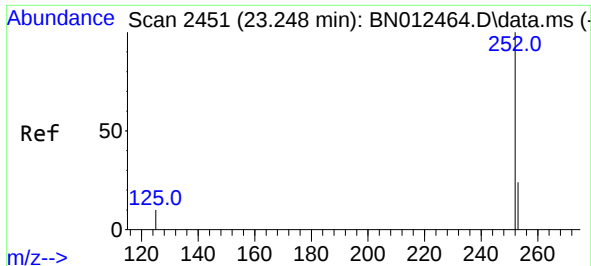
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#38  
Benzo(k)fluoranthene  
Concen: 0.33 ng  
RT: 22.732 min Scan# 2302  
Delta R.T. -0.009 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

Tgt Ion:252 Resp: 6855  
Ion Ratio Lower Upper  
252 100  
253 30.6 19.8 29.8#  
125 14.6 7.1 10.7#





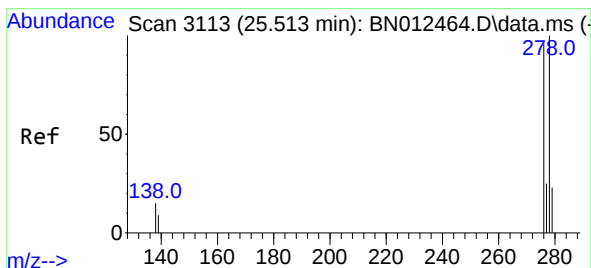
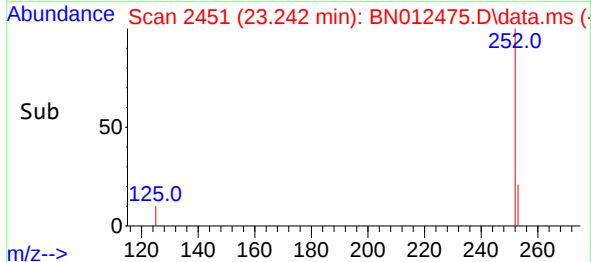
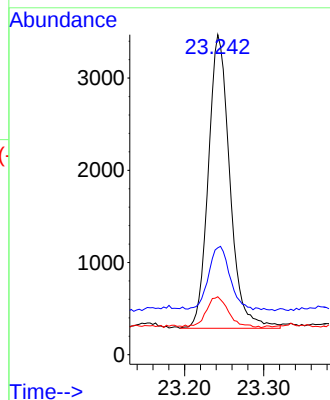
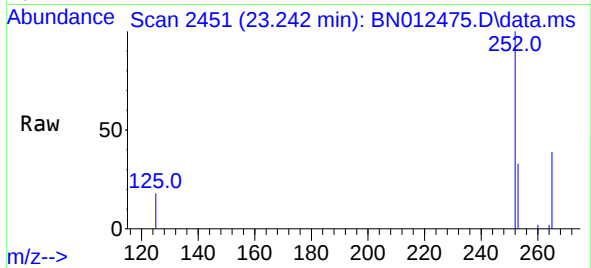
#39  
Benzo(a)pyrene  
Concen: 0.32 ng  
RT: 23.242 min Scan# 2451  
Delta R.T. -0.006 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 6011  |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 33.4  | 21.3  | 31.9# |
| 125       | 18.1  | 8.3   | 12.5# |

Instrument :  
BNA\_N  
ClientSampleId :  
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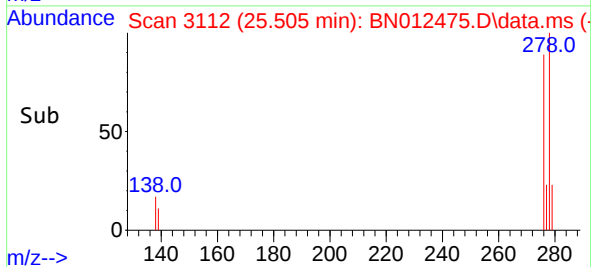
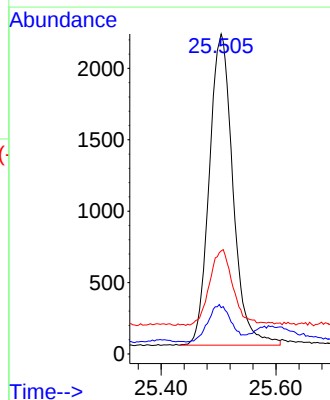
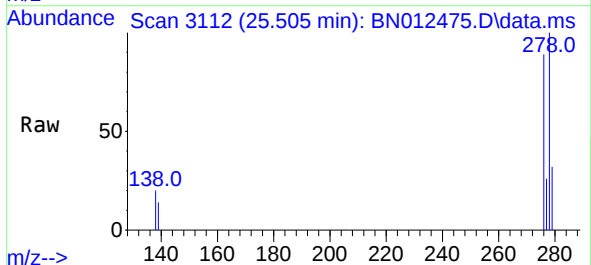
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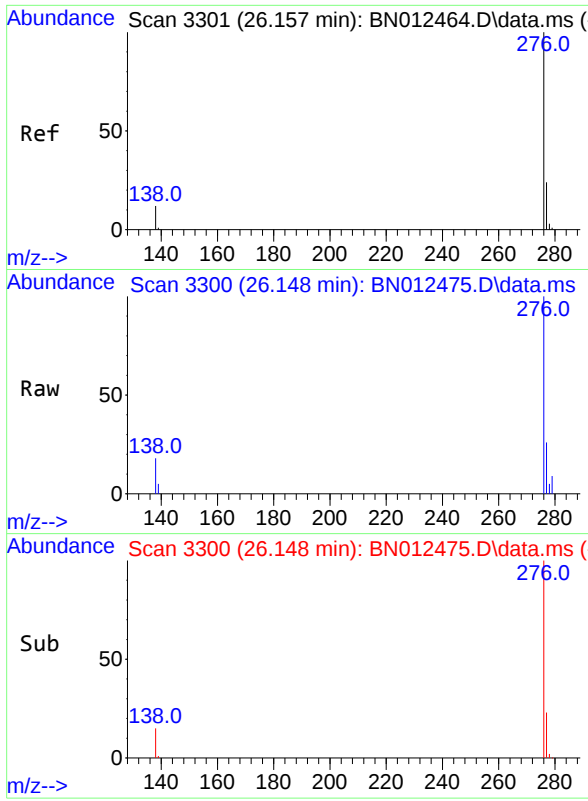
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#40  
Dibenzo(a,h)anthracene  
Concen: 0.29 ng  
RT: 25.505 min Scan# 3112  
Delta R.T. -0.009 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

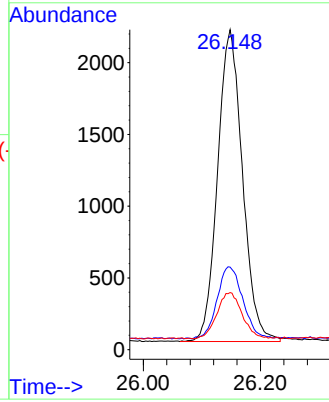
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 6229  |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 14.5  | 9.3   | 13.9# |
| 279       | 32.2  | 21.6  | 32.4  |





#41  
Benzo(g,h,i)perylene  
Concen: 0.29 ng  
RT: 26.148 min Scan# 3300  
Delta R.T. -0.009 min  
Lab File: BN012475.D  
Acq: 30 Oct 2020 18:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 6405  |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 25.8  | 19.8  | 29.8  |
| 138       | 17.8  | 11.7  | 17.5# |



Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027MS

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