

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111821\  
 Data File : BN017510.D  
 Acq On : 18 Nov 2021 15:51  
 Operator : CG/JU  
 Sample : M4740-08  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GWBR3D-B-290-311-111721

Quant Time: Nov 18 16:30:03 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN111621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 16 14:06:59 2021  
 Response via : Initial Calibration

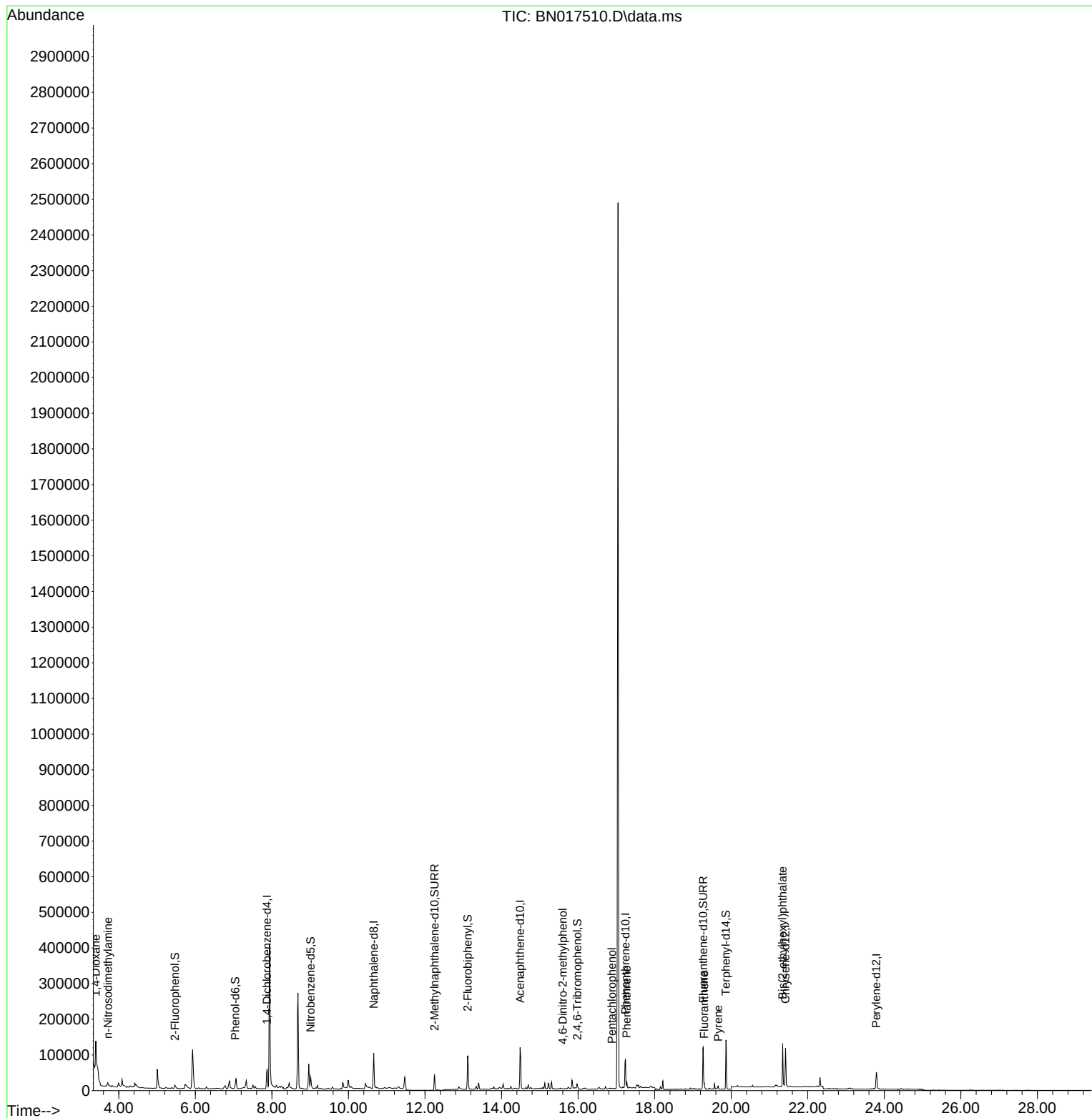
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.874  | 152  | 28828    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.661 | 136  | 127797   | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.485 | 164  | 69839    | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.238 | 188  | 121241   | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.420 | 240  | 95112    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.794 | 264  | 70757    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.467  | 112  | 9750     | 0.142 | ng    | 0.02     |
| 5) Phenol-d6                  | 7.044  | 99   | 7463     | 0.101 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.014  | 82   | 26715    | 0.337 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.248 | 152  | 57225    | 0.272 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.983 | 330  | 9848     | 0.555 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.115 | 172  | 78935    | 0.300 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.268 | 212  | 133859   | 0.370 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.863 | 244  | 139117   | 0.596 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.402  | 88   | 50571    | 3.984 | ng    | 100      |
| 3) n-Nitrosodimethylamine     | 3.715  | 42   | 1860     | 0.077 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.602 | 198  | 95       | 0.115 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.885 | 266  | 683      | 0.123 | ng    | 96       |
| 25) Phenanthrene              | 17.274 | 178  | 16427    | 0.049 | ng    | 99       |
| 28) Fluoranthene              | 19.297 | 202  | 14129    | 0.040 | ng    | 97       |
| 30) Pyrene                    | 19.660 | 202  | 8347     | 0.024 | ng    | # 94     |
| 34) Bis(2-ethylhexyl)phtha... | 21.345 | 149  | 97115    | 0.631 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

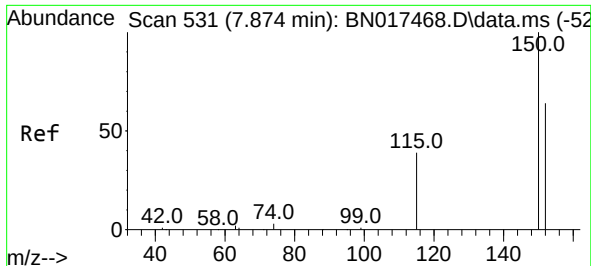
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111821\  
Data File : BN017510.D  
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Sample : M4740-08  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
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GWBR3D-B-290-311-111721

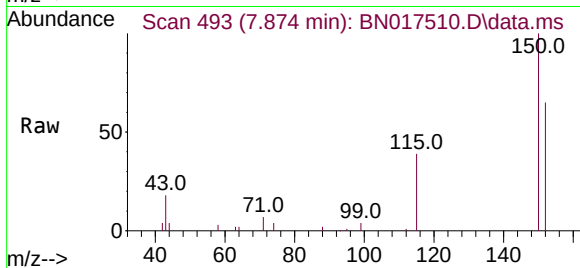
Quant Time: Nov 18 16:30:03 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN111621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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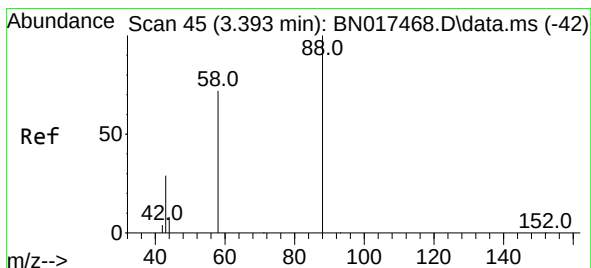
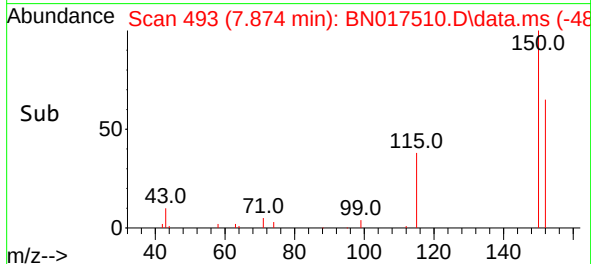
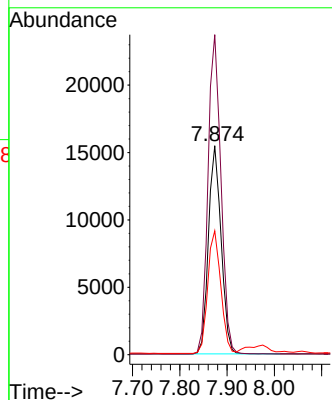


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.874 min Scan# 493  
 Delta R.T. -0.000 min  
 Lab File: BN017510.D  
 Acq: 18 Nov 2021 15:51

Instrument :  
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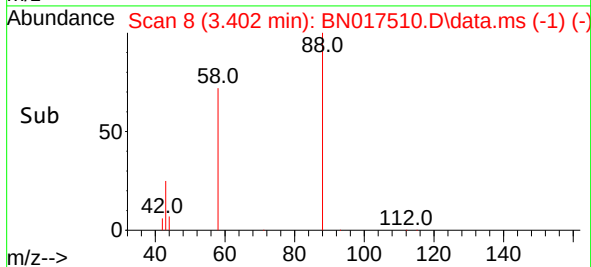
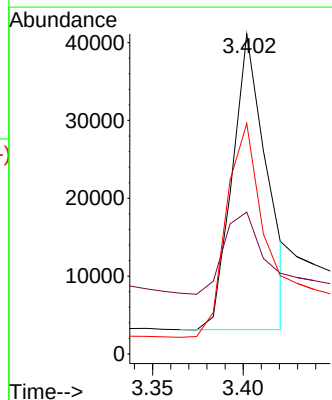
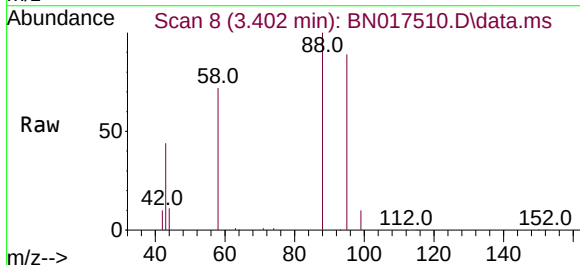


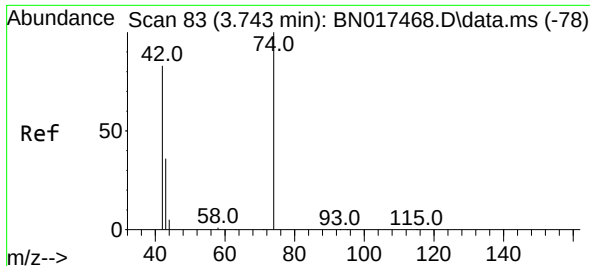
Tgt Ion: 152 Resp: 28828  
 Ion Ratio Lower Upper  
 152 100  
 150 153.2 123.0 184.4  
 115 59.3 45.6 68.4



#2  
 1,4-Dioxane  
 Concen: 3.984 ng  
 RT: 3.402 min Scan# 8  
 Delta R.T. 0.009 min  
 Lab File: BN017510.D  
 Acq: 18 Nov 2021 15:51

Tgt Ion: 88 Resp: 50571  
 Ion Ratio Lower Upper  
 88 100  
 43 31.3 24.7 37.1  
 58 78.9 63.0 94.6

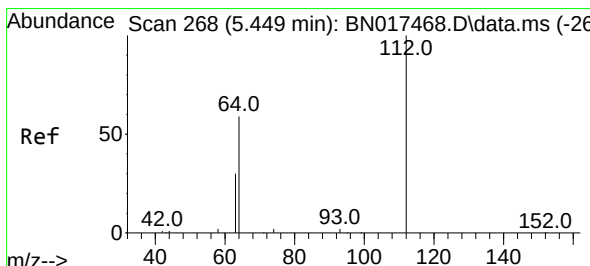
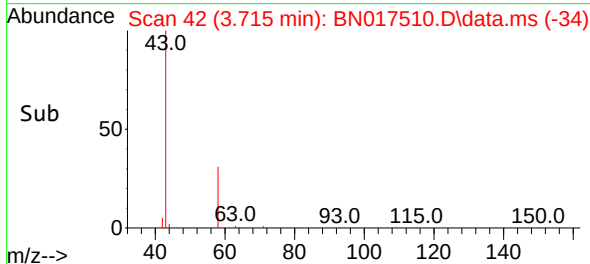
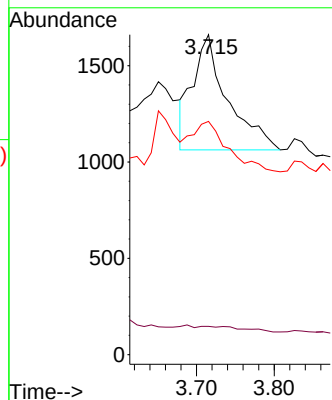
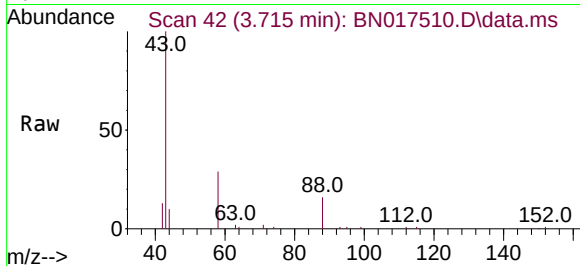




#3  
n-Nitrosodimethylamine  
Concen: 0.077 ng  
RT: 3.715 min Scan# 41  
Delta R.T. -0.028 min  
Lab File: BN017510.D  
Acq: 18 Nov 2021 15:51

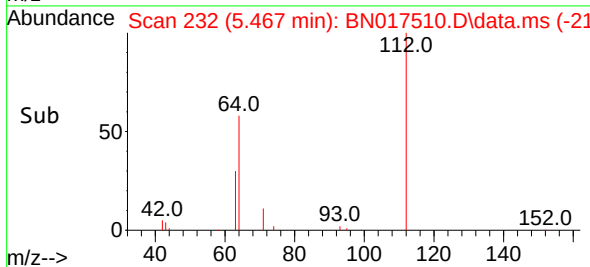
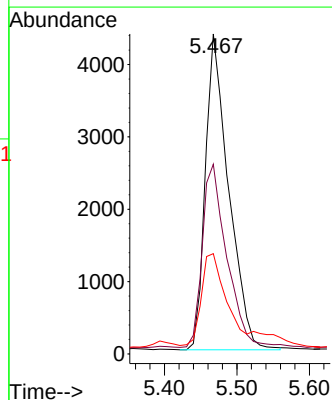
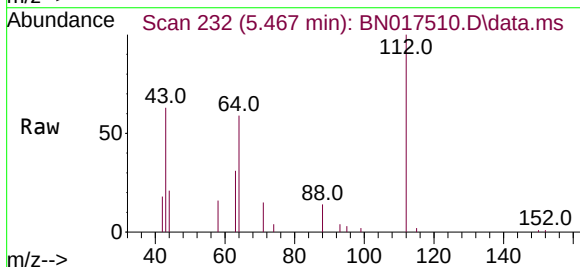
Instrument :  
BNA\_N  
ClientSampleId :  
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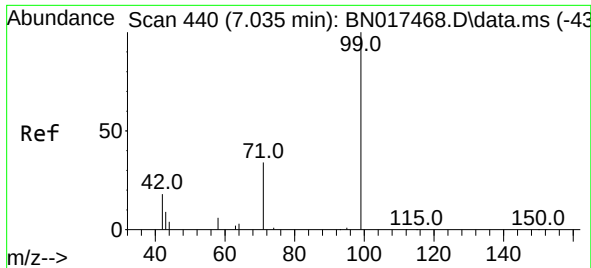
Tgt Ion: 42 Resp: 1860  
Ion Ratio Lower Upper  
42 100  
74 0.0 97.8 146.6#  
44 41.8 5.5 8.3#



#4  
2-Fluorophenol  
Concen: 0.142 ng  
RT: 5.467 min Scan# 232  
Delta R.T. 0.018 min  
Lab File: BN017510.D  
Acq: 18 Nov 2021 15:51

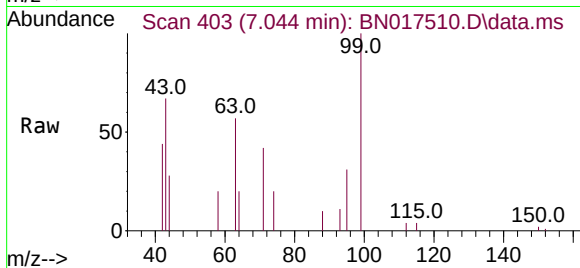
Tgt Ion: 112 Resp: 9750  
Ion Ratio Lower Upper  
112 100  
64 60.7 47.6 71.4  
63 35.3 24.6 37.0



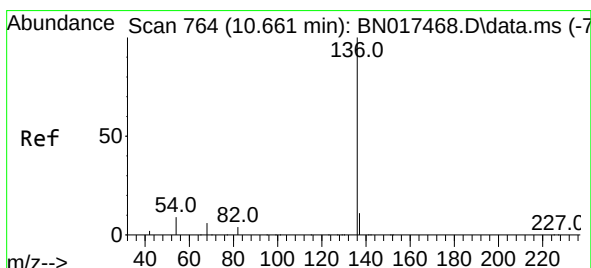
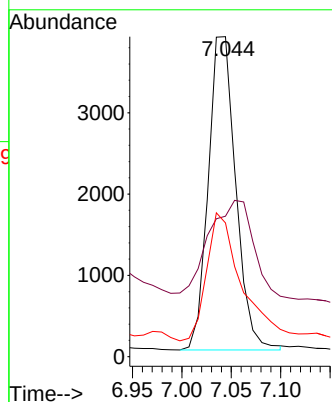
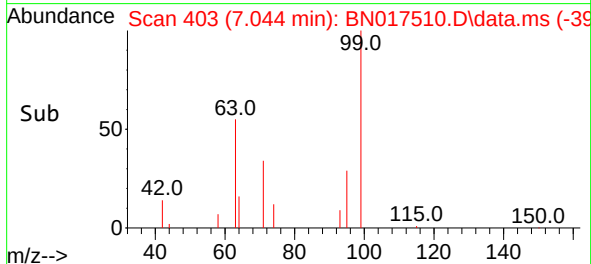


#5  
Phenol-d6  
Concen: 0.101 ng  
RT: 7.044 min Scan# 403  
Delta R.T. 0.009 min  
Lab File: BN017510.D  
Acq: 18 Nov 2021 15:51

Instrument :  
BNA\_N  
ClientSampleId :  
GWBR3D-B-290-311-111721

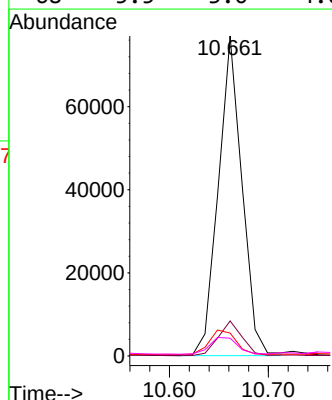
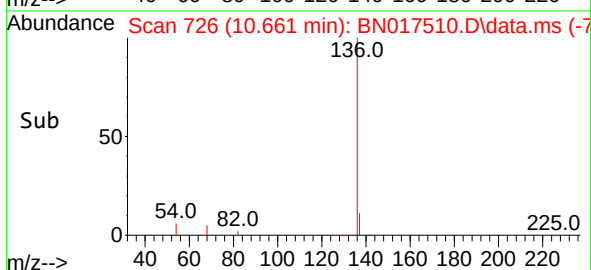
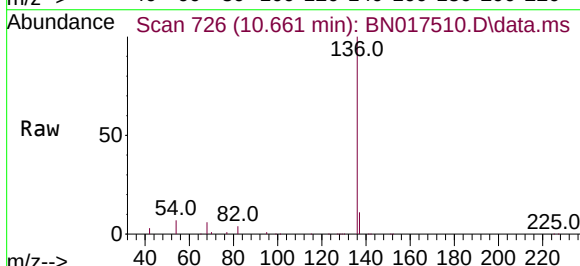


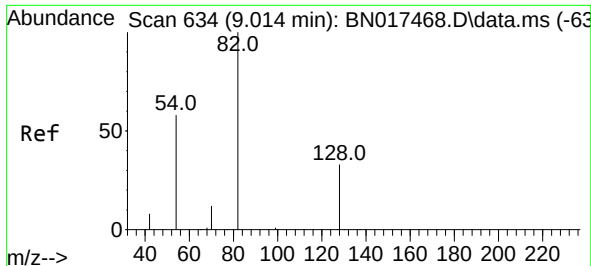
Tgt Ion: 99 Resp: 7463  
Ion Ratio Lower Upper  
99 100  
42 48.5 17.0 25.6#  
71 51.5 24.8 37.2#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.661 min Scan# 726  
Delta R.T. -0.000 min  
Lab File: BN017510.D  
Acq: 18 Nov 2021 15:51

Tgt Ion: 136 Resp: 127797  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 7.2 4.0 6.0#  
68 5.5 3.0 4.6#

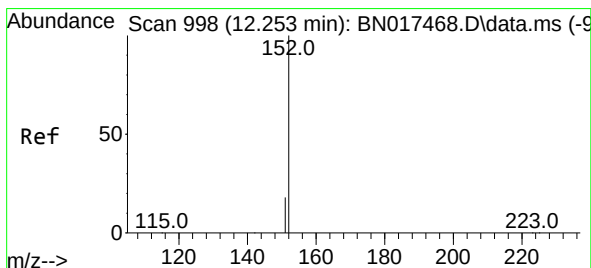
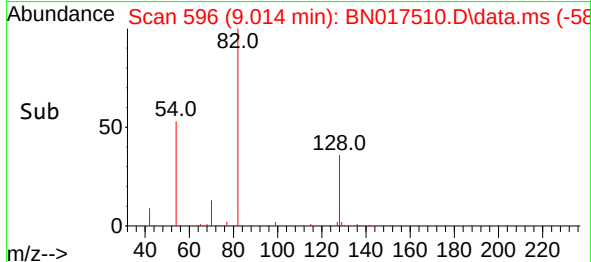
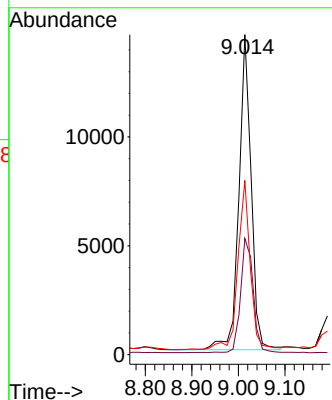
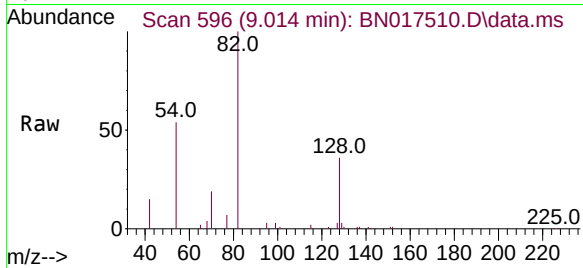




#8  
Nitrobenzene-d5  
Concen: 0.337 ng  
RT: 9.014 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BN017510.D  
Acq: 18 Nov 2021 15:51

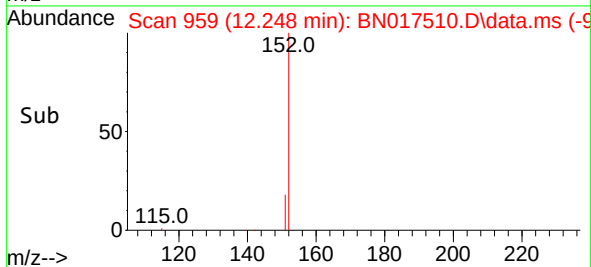
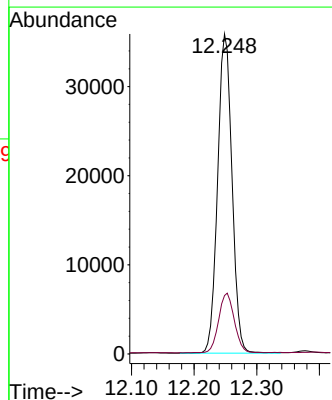
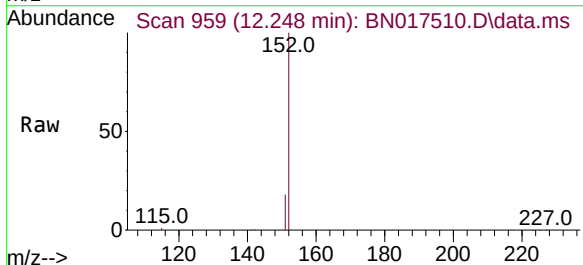
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GWBR3D-B-290-311-111721

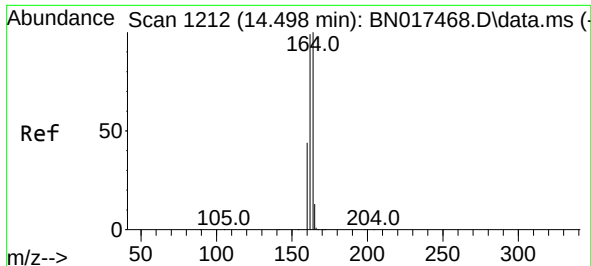
Tgt Ion: 82 Resp: 26715  
Ion Ratio Lower Upper  
82 100  
128 36.3 27.7 41.5  
54 54.4 49.2 73.8



#11  
2-Methylnaphthalene-d10  
Concen: 0.272 ng  
RT: 12.248 min Scan# 959  
Delta R.T. -0.005 min  
Lab File: BN017510.D  
Acq: 18 Nov 2021 15:51

Tgt Ion: 152 Resp: 57225  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.2 24.4

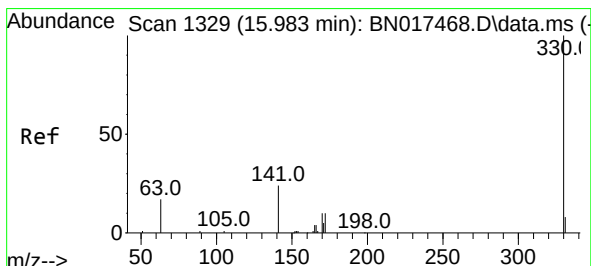
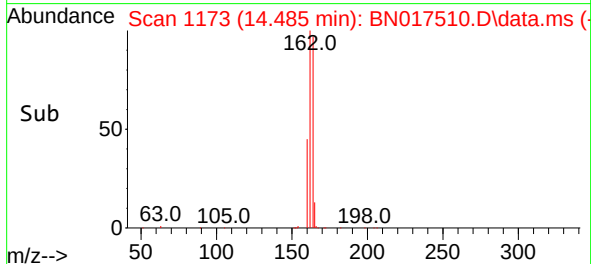
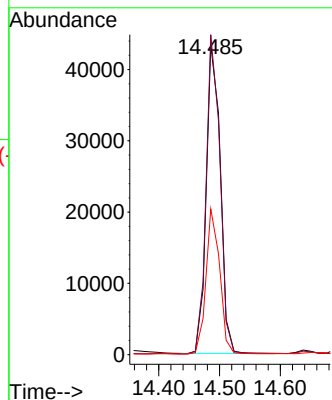
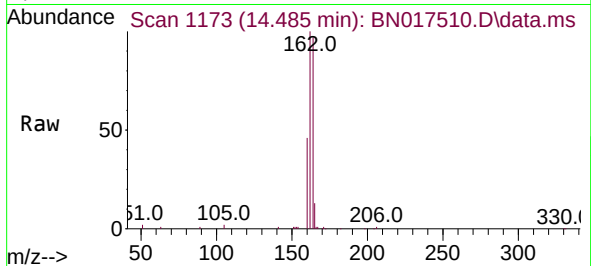




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.485 min Scan# 1173  
Delta R.T. -0.013 min  
Lab File: BN017510.D  
Acq: 18 Nov 2021 15:51

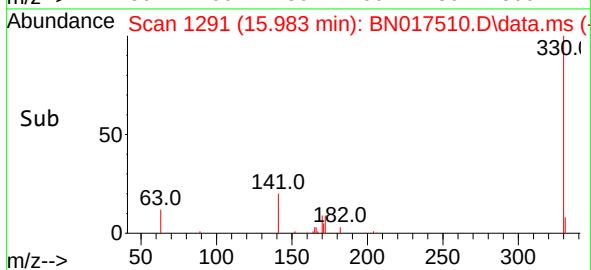
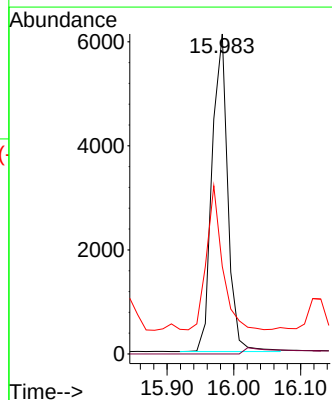
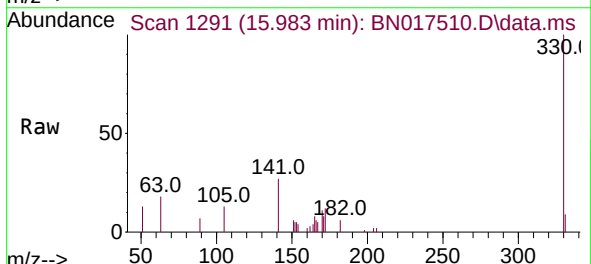
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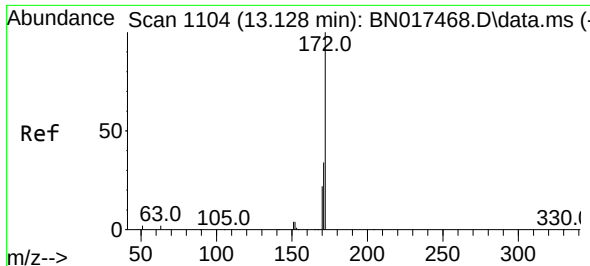
Tgt Ion:164 Resp: 69839  
Ion Ratio Lower Upper  
164 100  
162 103.4 81.4 122.2  
160 47.1 36.8 55.2



#14  
2,4,6-Tribromophenol  
Concen: 0.555 ng  
RT: 15.983 min Scan# 1291  
Delta R.T. -0.000 min  
Lab File: BN017510.D  
Acq: 18 Nov 2021 15:51

Tgt Ion:330 Resp: 9848  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 45.8 28.9 43.3#

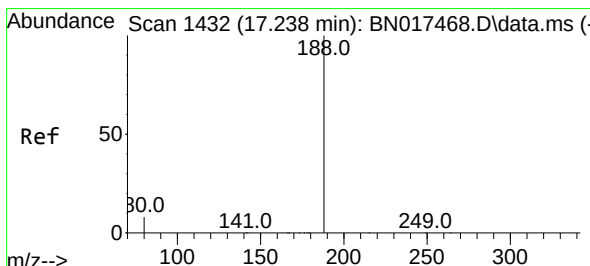
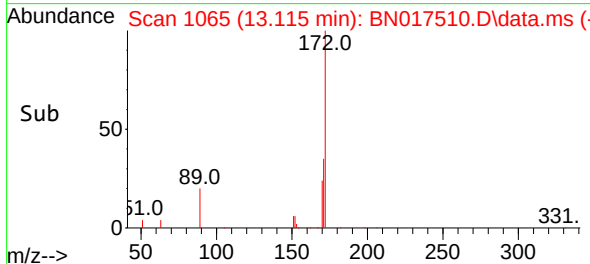
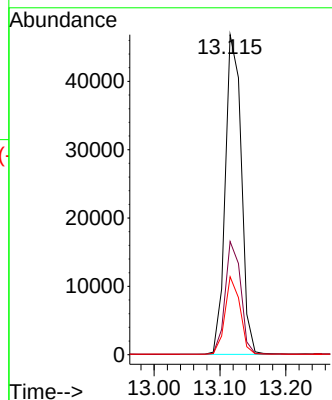
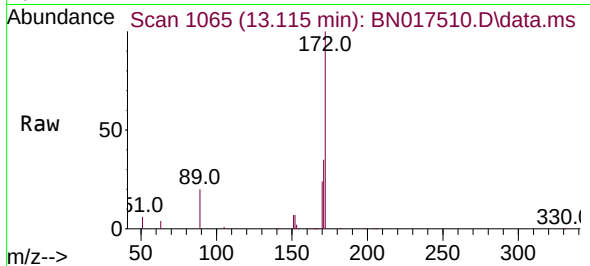




#15  
2-Fluorobiphenyl  
Concen: 0.300 ng  
RT: 13.115 min Scan# 1065  
Delta R.T. -0.013 min  
Lab File: BN017510.D  
Acq: 18 Nov 2021 15:51

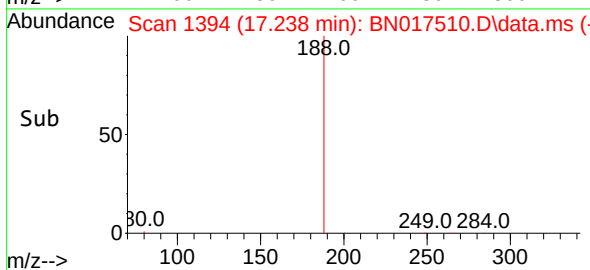
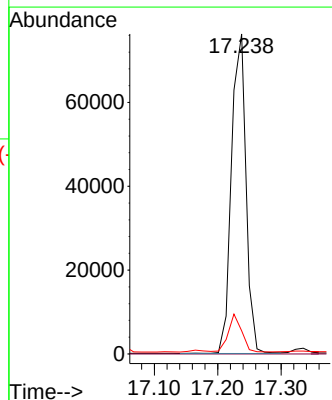
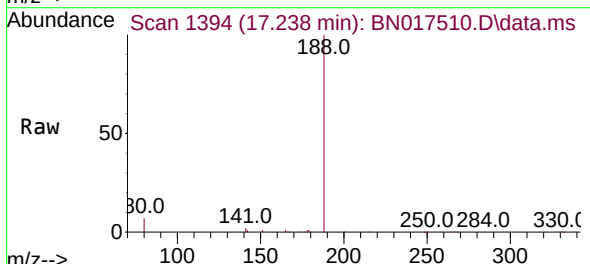
Instrument :  
BNA\_N  
ClientSampleId :  
GWBR3D-B-290-311-111721

Tgt Ion:172 Resp: 78935  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.7 43.1  
170 24.4 19.4 29.2

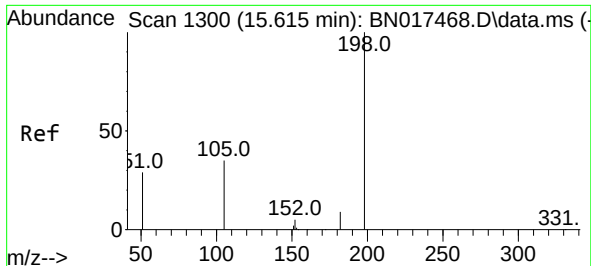


#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.238 min Scan# 1394  
Delta R.T. -0.000 min  
Lab File: BN017510.D  
Acq: 18 Nov 2021 15:51

Tgt Ion:188 Resp: 121241  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 7.3 6.1 9.1



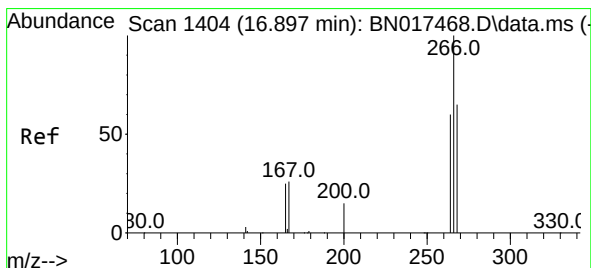
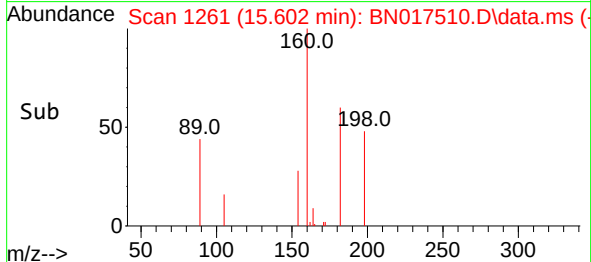
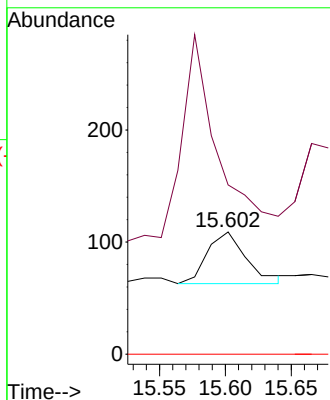
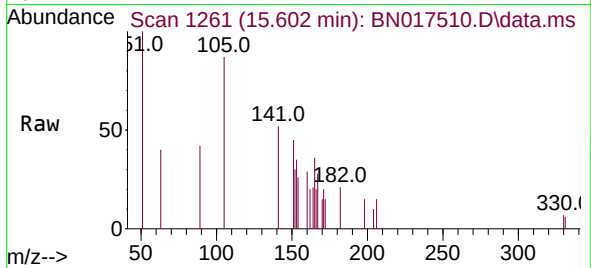




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.115 ng  
RT: 15.602 min Scan# 1300  
Delta R.T. -0.013 min  
Lab File: BN017510.D  
Acq: 18 Nov 2021 15:51

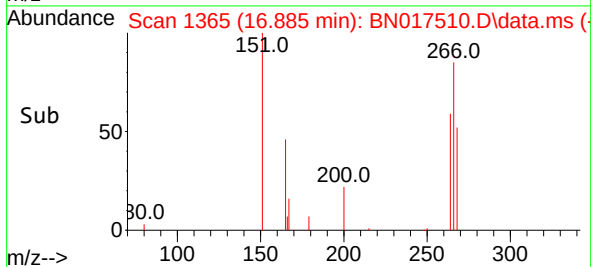
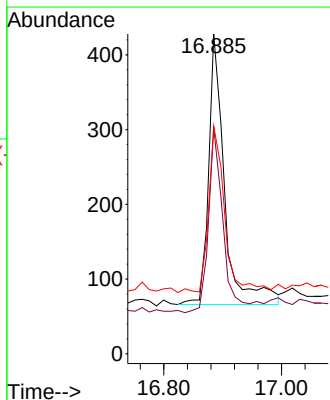
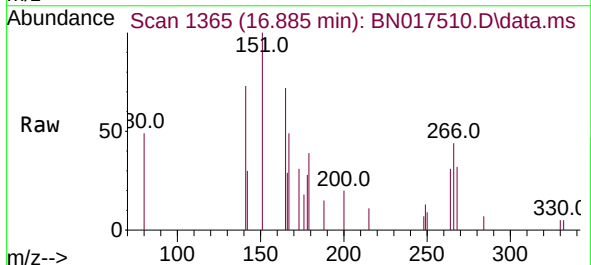
Instrument :  
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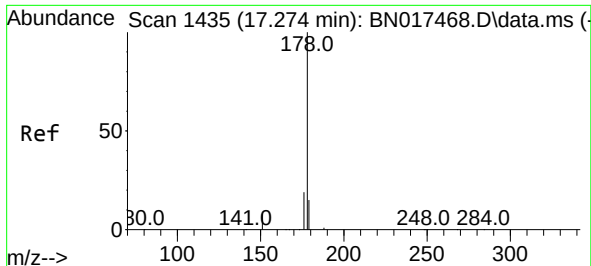
Tgt Ion:198 Resp: 95  
Ion Ratio Lower Upper  
198 100  
182 138.5 11.4 17.2#  
77 0.0 0.0 0.0



#24  
Pentachlorophenol  
Concen: 0.123 ng  
RT: 16.885 min Scan# 1365  
Delta R.T. -0.012 min  
Lab File: BN017510.D  
Acq: 18 Nov 2021 15:51

Tgt Ion:266 Resp: 683  
Ion Ratio Lower Upper  
266 100  
264 61.8 49.8 74.8  
268 58.6 51.3 76.9

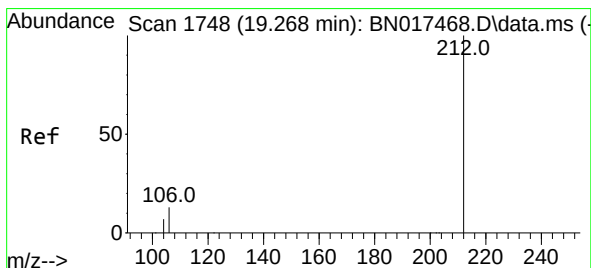
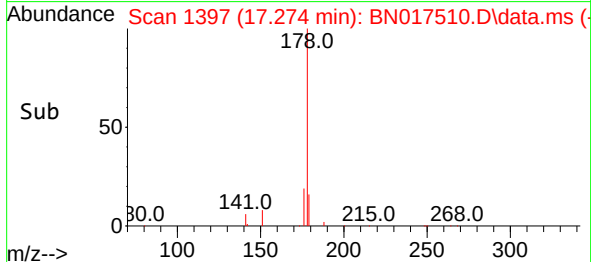
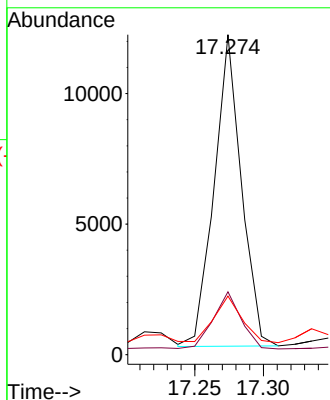
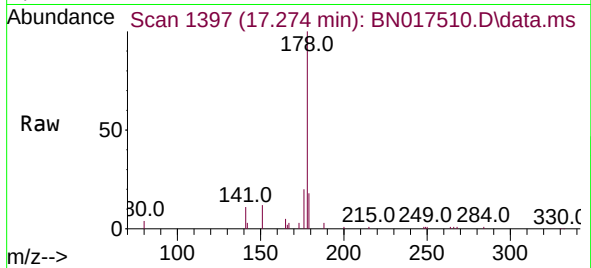




#25  
Phenanthrene  
Concen: 0.049 ng  
RT: 17.274 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN017510.D  
Acq: 18 Nov 2021 15:51

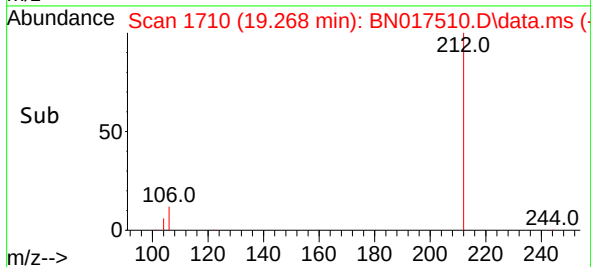
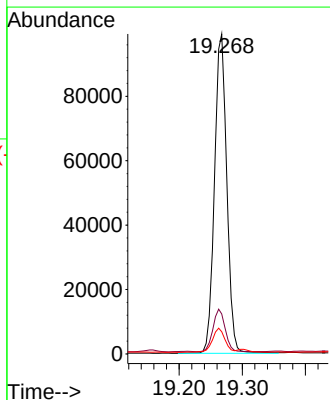
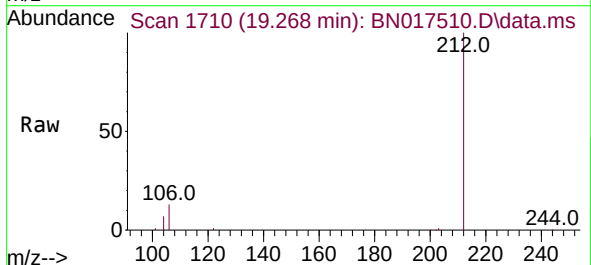
Instrument :  
BNA\_N  
ClientSampleId :  
GWBR3D-B-290-311-111721

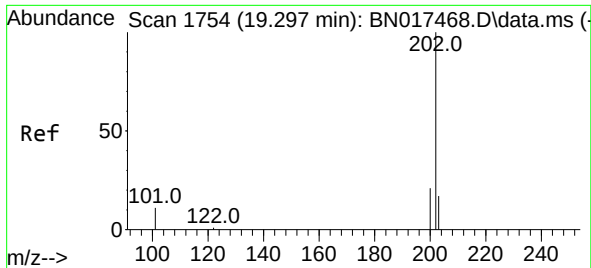
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 16427     |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 19.5  | 15.0 22.6 |
| 179         | 15.2  | 12.3 18.5 |



#27  
Fluoranthene-d10  
Concen: 0.370 ng  
RT: 19.268 min Scan# 1710  
Delta R.T. -0.000 min  
Lab File: BN017510.D  
Acq: 18 Nov 2021 15:51

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:212 | Resp: | 133859    |
| Ion Ratio   | Lower | Upper     |
| 212         | 100   |           |
| 106         | 13.2  | 10.5 15.7 |
| 104         | 7.7   | 5.8 8.6   |

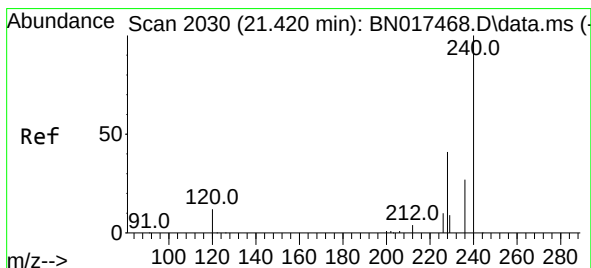
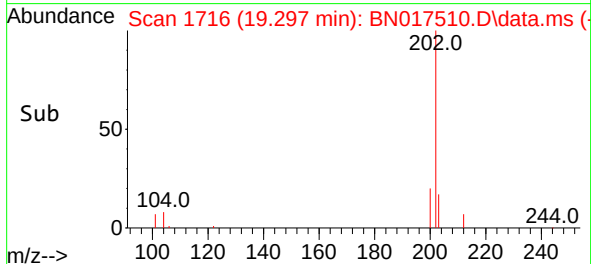
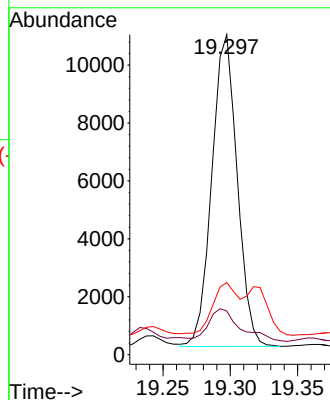
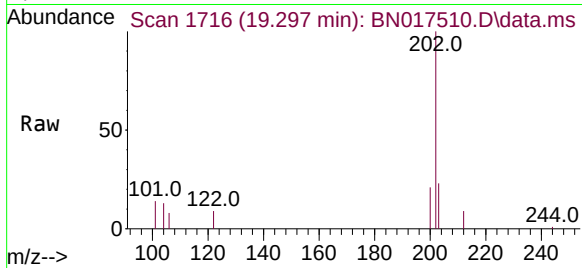




#28  
Fluoranthene  
Concen: 0.040 ng  
RT: 19.297 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN017510.D  
Acq: 18 Nov 2021 15:51

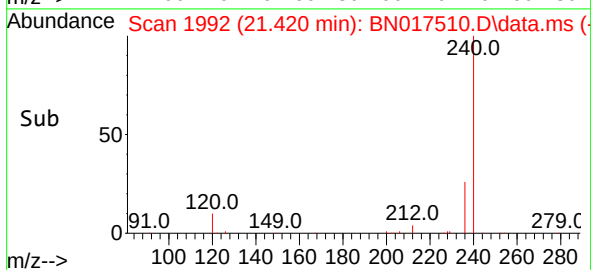
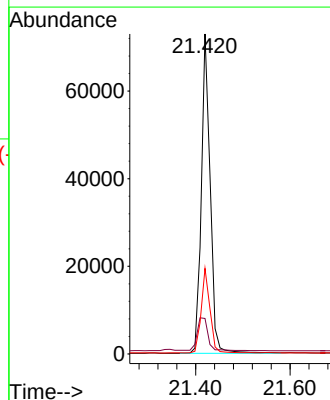
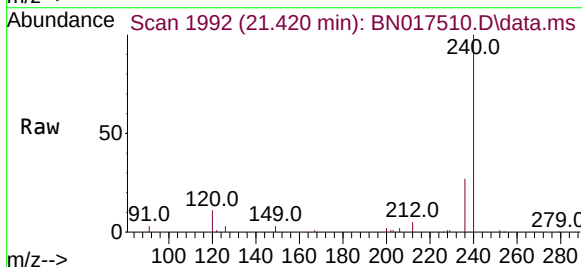
Instrument :  
BNA\_N  
ClientSampleId :  
GWBR3D-B-290-311-111721

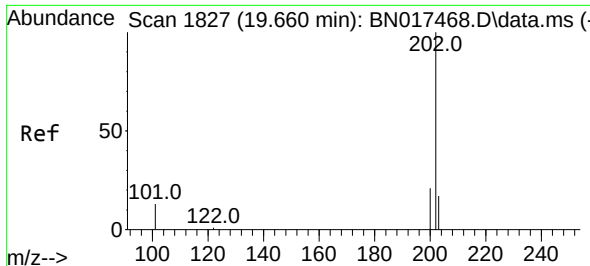
Tgt Ion:202 Resp: 14129  
Ion Ratio Lower Upper  
202 100  
101 12.9 8.9 13.3  
203 16.2 13.8 20.6



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.420 min Scan# 1992  
Delta R.T. -0.000 min  
Lab File: BN017510.D  
Acq: 18 Nov 2021 15:51

Tgt Ion:240 Resp: 95112  
Ion Ratio Lower Upper  
240 100  
120 11.1 4.2 6.2#  
236 26.8 20.0 30.0

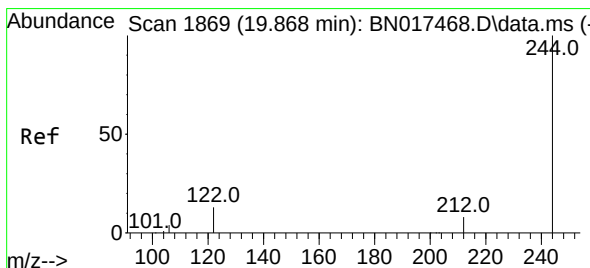
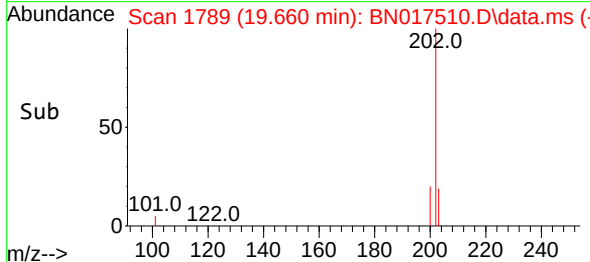
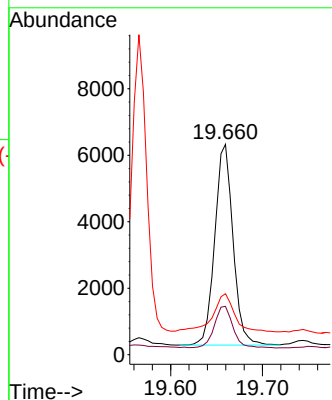
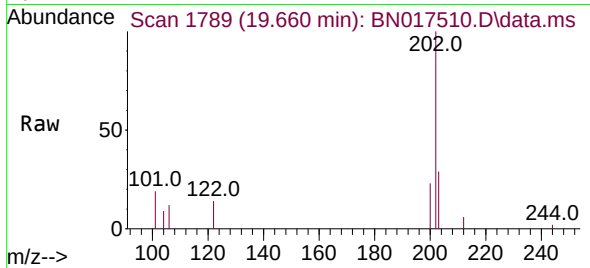




#30  
Pyrene  
Concen: 0.024 ng  
RT: 19.660 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN017510.D  
Acq: 18 Nov 2021 15:51

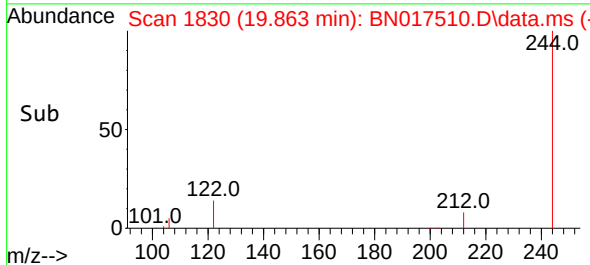
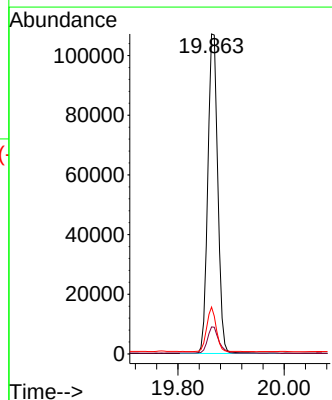
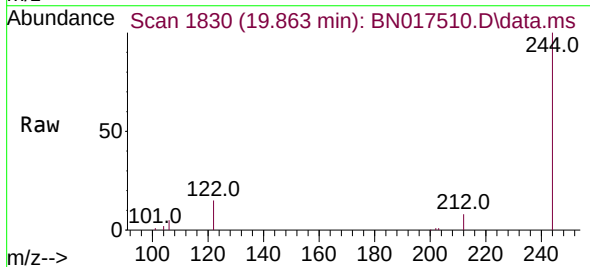
Instrument :  
BNA\_N  
ClientSampleId :  
GWBR3D-B-290-311-111721

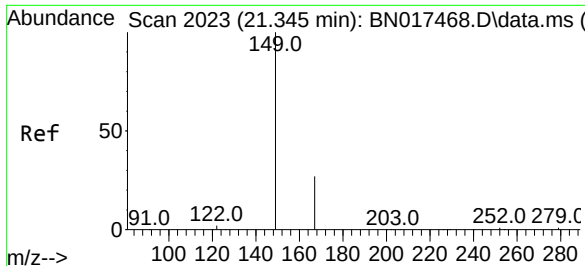
Tgt Ion:202 Resp: 8347  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.5 24.7  
203 22.3 14.0 21.0#



#31  
Terphenyl-d14  
Concen: 0.596 ng  
RT: 19.863 min Scan# 1830  
Delta R.T. -0.005 min  
Lab File: BN017510.D  
Acq: 18 Nov 2021 15:51

Tgt Ion:244 Resp: 139117  
Ion Ratio Lower Upper  
244 100  
212 8.5 5.7 8.5  
122 14.7 8.6 13.0#

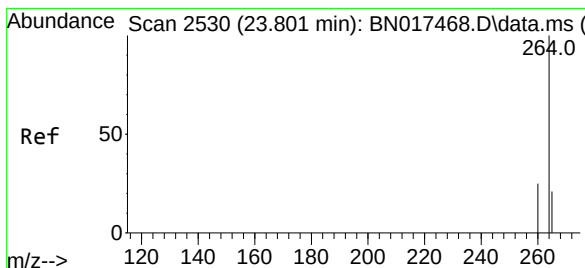
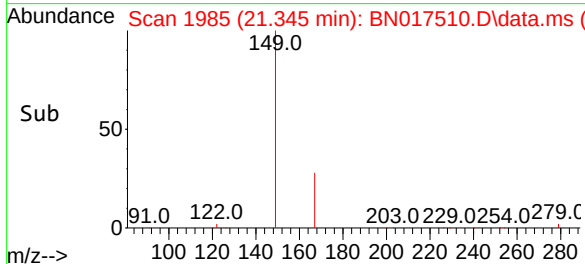
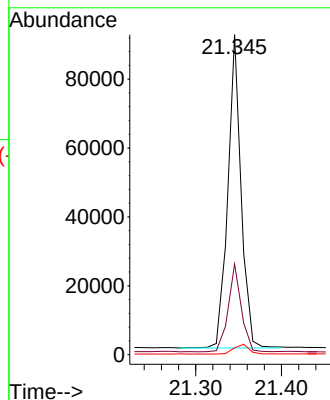
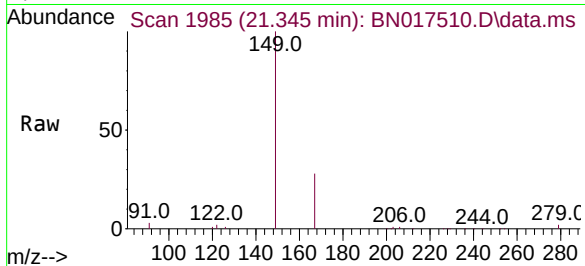




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.631 ng  
RT: 21.345 min Scan# 1985  
Delta R.T. -0.000 min  
Lab File: BN017510.D  
Acq: 18 Nov 2021 15:51

Instrument :  
BNA\_N  
ClientSampleId :  
GWBR3D-B-290-311-111721

Tgt Ion:149 Resp: 97115  
Ion Ratio Lower Upper  
149 100  
167 27.7 21.8 32.6  
279 3.5 3.4 5.0



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.794 min Scan# 2490  
Delta R.T. -0.007 min  
Lab File: BN017510.D  
Acq: 18 Nov 2021 15:51

Tgt Ion:264 Resp: 70757  
Ion Ratio Lower Upper  
264 100  
260 25.4 19.4 29.2  
265 26.6 18.6 28.0

