

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120721\  
 Data File : BN017787.D  
 Acq On : 08 Dec 2021 06:46  
 Operator : CG/JU  
 Sample : M4918-07  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-42

Quant Time: Dec 09 00:03:30 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN120721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 08 01:18:09 2021  
 Response via : Initial Calibration

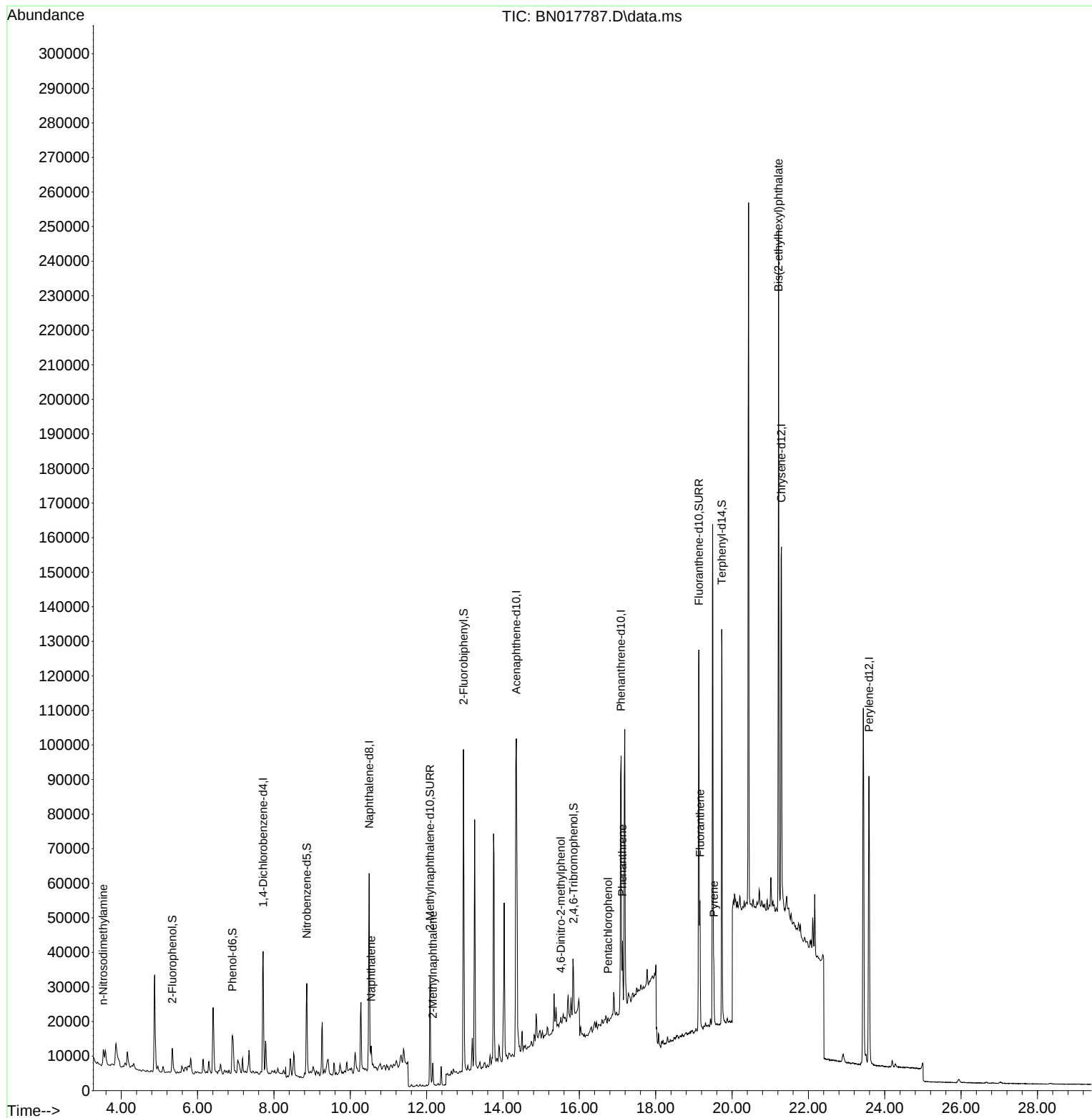
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.715  | 152  | 19939    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.494 | 136  | 80549    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.347 | 164  | 60256    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.093 | 188  | 117599   | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.293 | 240  | 115944   | 0.400 | ng    | # 0.01   |
| 35) Perylene-d12              | 23.586 | 264  | 115276   | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.336  | 112  | 7982     | 0.166 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.913  | 99   | 10089    | 0.221 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.859  | 82   | 25635    | 0.478 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.090 | 152  | 44426    | 0.276 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.845 | 330  | 15396    | 0.489 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.965 | 172  | 83487    | 0.378 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.130 | 212  | 131610   | 0.335 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.730 | 244  | 122577   | 0.492 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 3) n-Nitrosodimethylamine     | 3.529  | 42   | 2462     | 0.120 | ng    | # 1      |
| 9) Naphthalene                | 10.545 | 128  | 6176     | 0.029 | ng    | # 89     |
| 12) 2-Methylnaphthalene       | 12.161 | 142  | 4443     | 0.029 | ng    | # 89     |
| 20) 4,6-Dinitro-2-methylph... | 15.515 | 198  | 373      | 0.342 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.752 | 266  | 445      | 0.294 | ng    | 94       |
| 25) Phenanthrene              | 17.129 | 178  | 20595    | 0.067 | ng    | # 85     |
| 28) Fluoranthene              | 19.159 | 202  | 33458    | 0.089 | ng    | 97       |
| 30) Pyrene                    | 19.522 | 202  | 16325    | 0.044 | ng    | # 90     |
| 34) Bis(2-ethylhexyl)phtha... | 21.219 | 149  | 167295   | 1.034 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120721\  
Data File : BN017787.D  
Acq On : 08 Dec 2021 06:46  
Operator : CG/JU  
Sample : M4918-07  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
MW-42

Quant Time: Dec 09 00:03:30 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN120721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 08 01:18:09 2021  
Response via : Initial Calibration

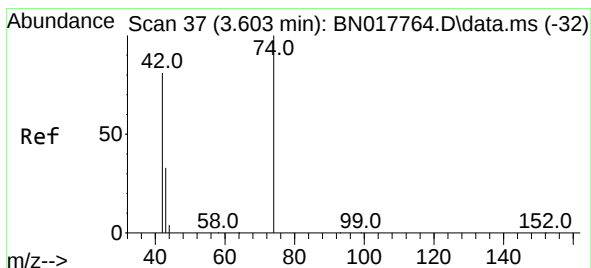
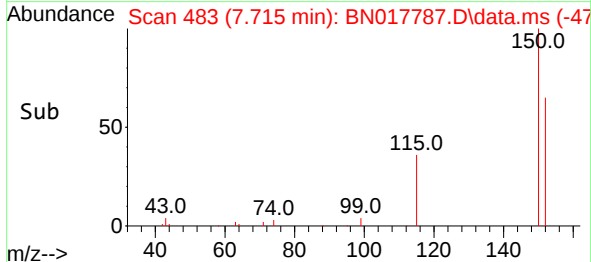
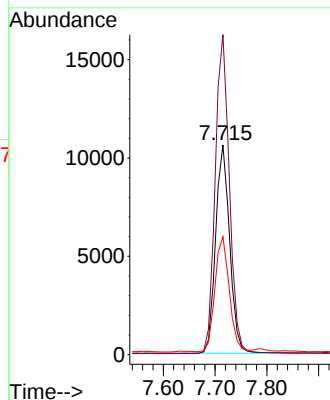
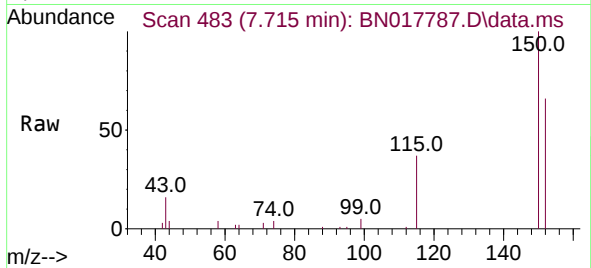




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.715 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: BN017787.D  
Acq: 08 Dec 2021 06:46

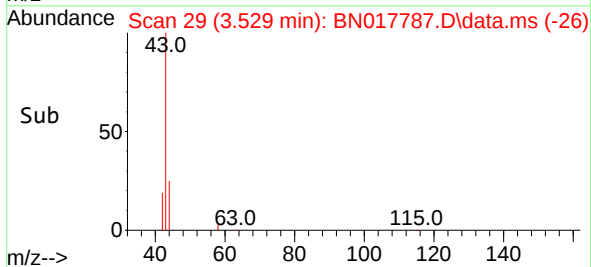
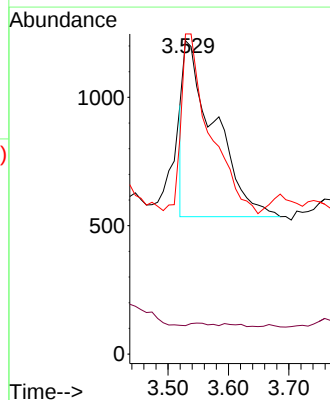
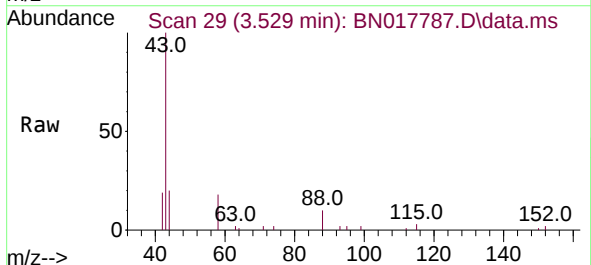
Instrument :  
BNA\_N  
ClientSampleId :  
MW-42

Tgt Ion:152 Resp: 19939  
Ion Ratio Lower Upper  
152 100  
150 152.6 123.0 184.4  
115 56.3 45.3 67.9



#3  
n-Nitrosodimethylamine  
Concen: 0.120 ng  
RT: 3.529 min Scan# 29  
Delta R.T. -0.074 min  
Lab File: BN017787.D  
Acq: 08 Dec 2021 06:46

Tgt Ion: 42 Resp: 2462  
Ion Ratio Lower Upper  
42 100  
74 0.9 101.3 151.9#  
44 85.2 5.0 7.4#

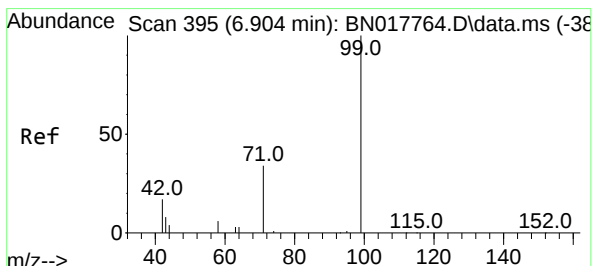
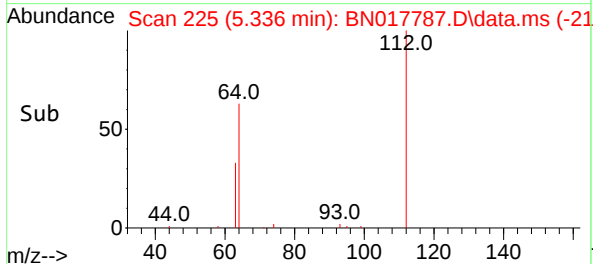
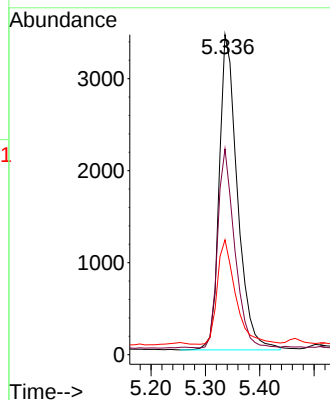
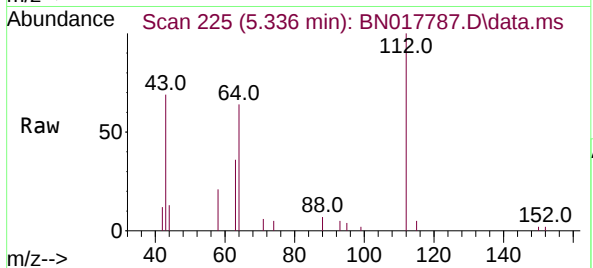




#4  
2-Fluorophenol  
Concen: 0.166 ng  
RT: 5.336 min Scan# 211  
Delta R.T. 0.009 min  
Lab File: BN017787.D  
Acq: 08 Dec 2021 06:46

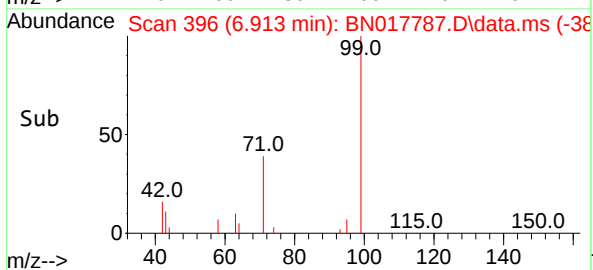
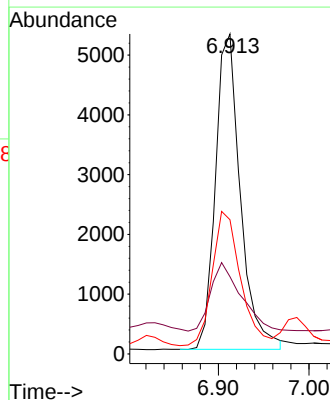
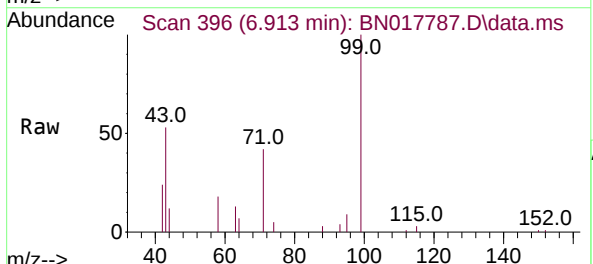
Instrument :  
BNA\_N  
ClientSampleId :  
MW-42

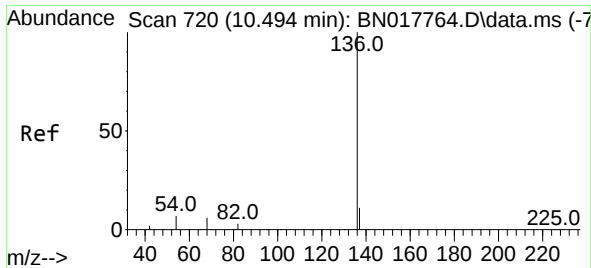
Tgt Ion:112 Resp: 7982  
Ion Ratio Lower Upper  
112 100  
64 59.1 49.3 73.9  
63 33.4 25.8 38.8



#5  
Phenol-d6  
Concen: 0.221 ng  
RT: 6.913 min Scan# 396  
Delta R.T. 0.009 min  
Lab File: BN017787.D  
Acq: 08 Dec 2021 06:46

Tgt Ion: 99 Resp: 10089  
Ion Ratio Lower Upper  
99 100  
42 26.5 16.6 25.0#  
71 48.3 29.0 43.4#

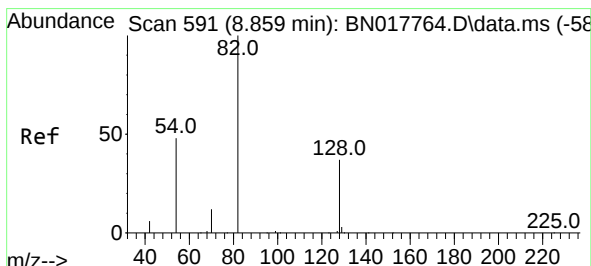
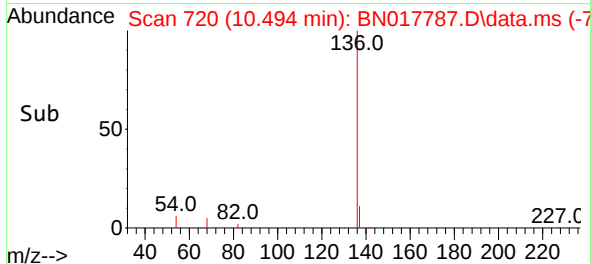
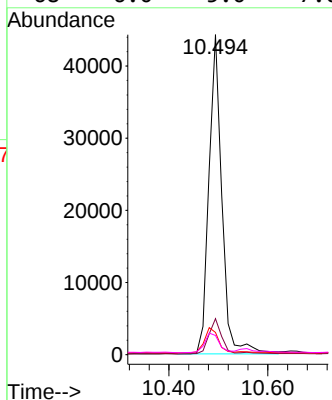
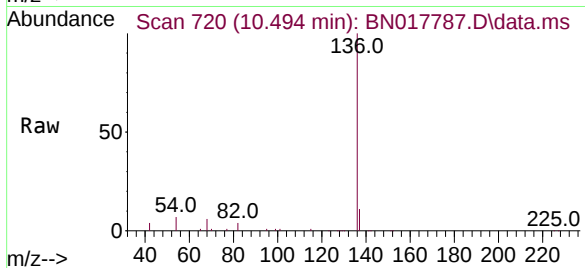




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.494 min Scan# 720  
Delta R.T. -0.000 min  
Lab File: BN017787.D  
Acq: 08 Dec 2021 06:46

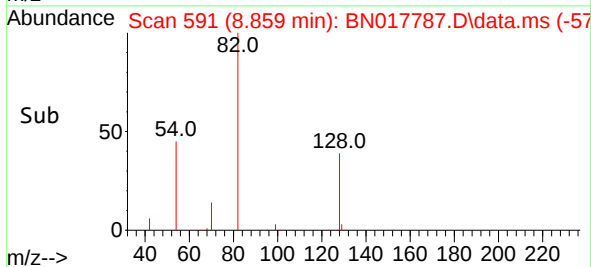
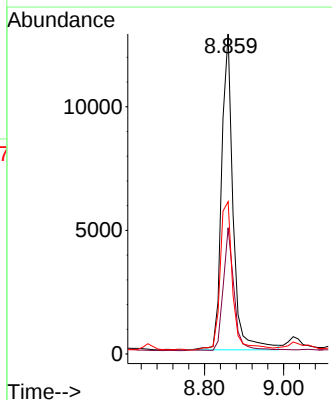
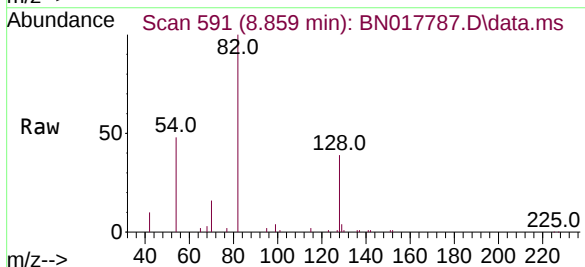
Instrument :  
BNA\_N  
ClientSampleId :  
MW-42

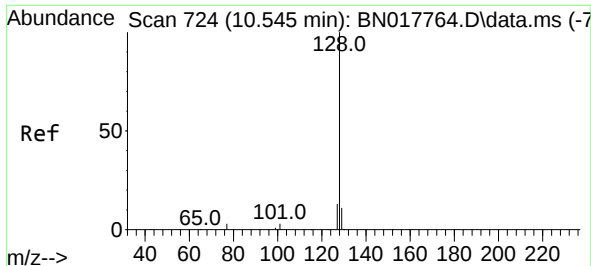
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 80549 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.2  | 8.8   | 13.2  |
| 54        | 7.0   | 5.9   | 8.9   |
| 68        | 6.0   | 5.0   | 7.6   |



#8  
Nitrobenzene-d5  
Concen: 0.478 ng  
RT: 8.859 min Scan# 591  
Delta R.T. -0.000 min  
Lab File: BN017787.D  
Acq: 08 Dec 2021 06:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 25635 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 39.5  | 30.2  | 45.2  |
| 54        | 47.6  | 39.0  | 58.6  |





#9  
Naphthalene  
Concen: 0.029 ng  
RT: 10.545 min Scan# 724  
Delta R.T. -0.000 min  
Lab File: BN017787.D  
Acq: 08 Dec 2021 06:46

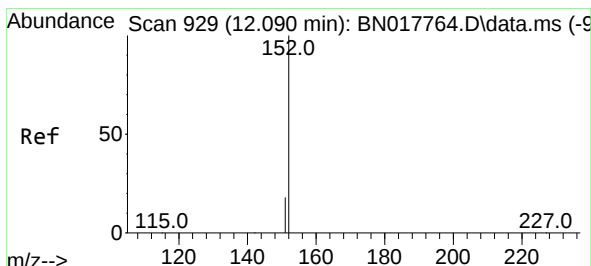
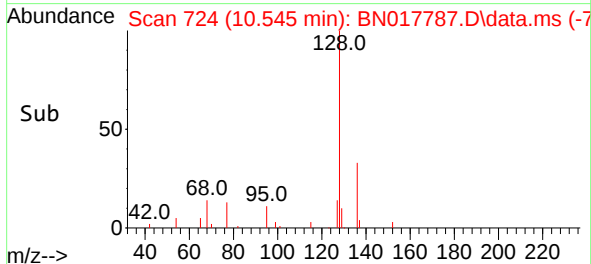
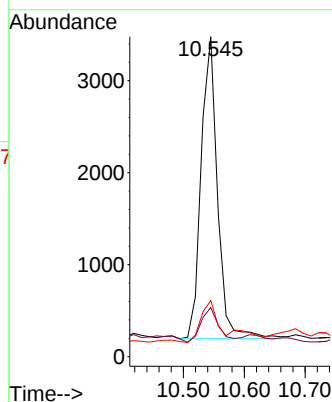
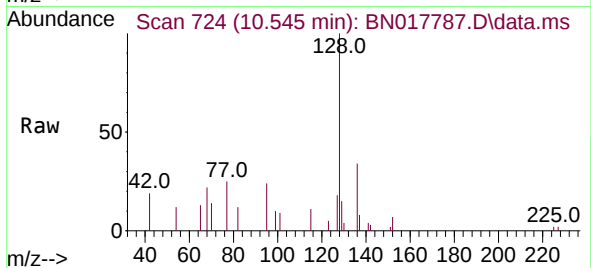
Instrument :

BNA\_N

ClientSampleId :

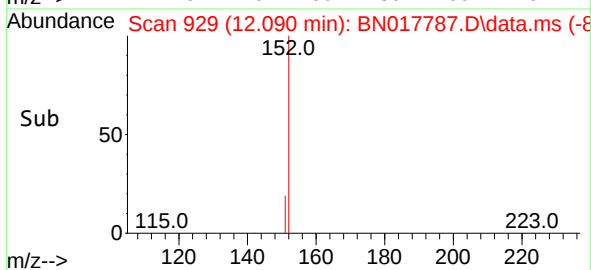
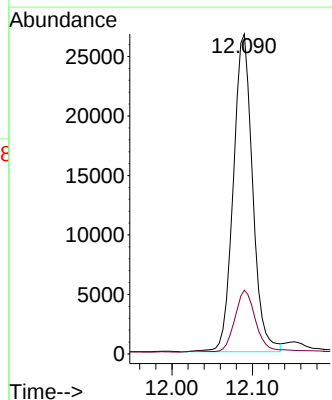
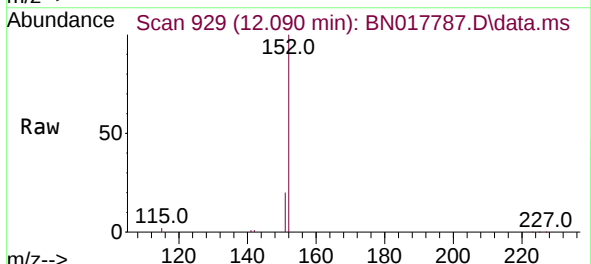
MW-42

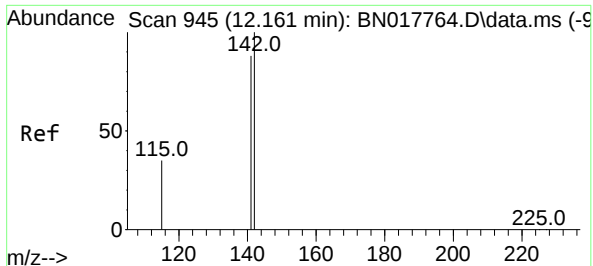
Tgt Ion:128 Resp: 6176  
Ion Ratio Lower Upper  
128 100  
129 15.4 8.8 13.2#  
127 17.6 10.6 15.8#



#11  
2-Methylnaphthalene-d10  
Concen: 0.276 ng  
RT: 12.090 min Scan# 929  
Delta R.T. -0.000 min  
Lab File: BN017787.D  
Acq: 08 Dec 2021 06:46

Tgt Ion:152 Resp: 44426  
Ion Ratio Lower Upper  
152 100  
151 21.0 16.4 24.6





#12

2-Methylnaphthalene

Concen: 0.029 ng

RT: 12.161 min Scan# 945

Delta R.T. -0.000 min

Lab File: BN017787.D

Acq: 08 Dec 2021 06:46

Instrument :

BNA\_N

ClientSampleId :

MW-42

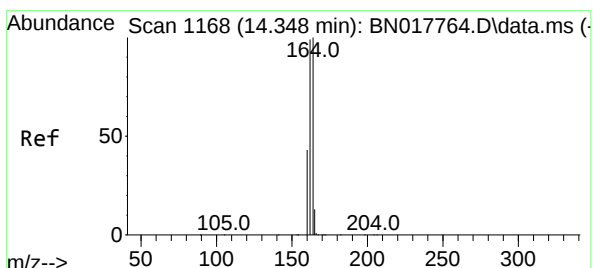
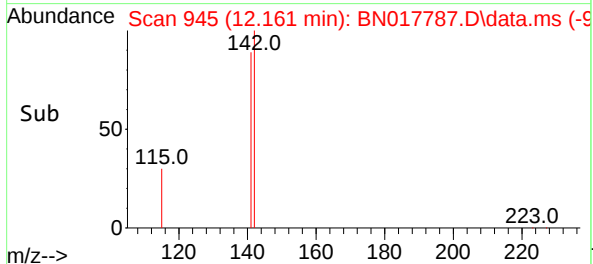
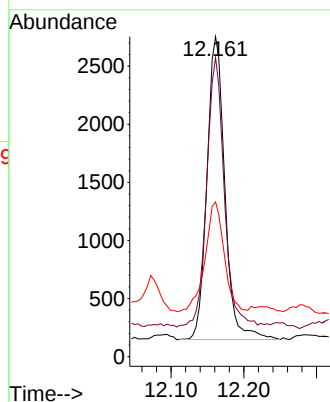
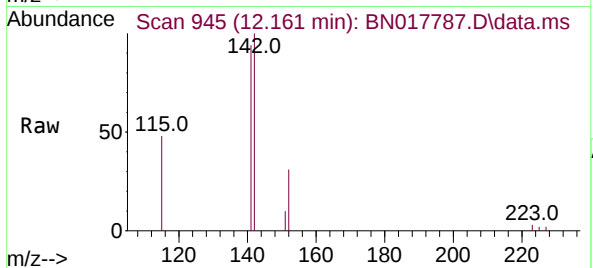
Tgt Ion:142 Resp: 4443

Ion Ratio Lower Upper

142 100

141 93.6 70.5 105.7

115 48.3 28.0 42.0#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.347 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BN017787.D

Acq: 08 Dec 2021 06:46

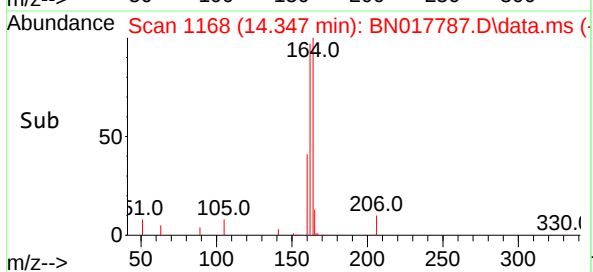
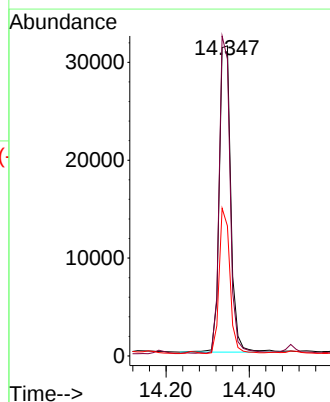
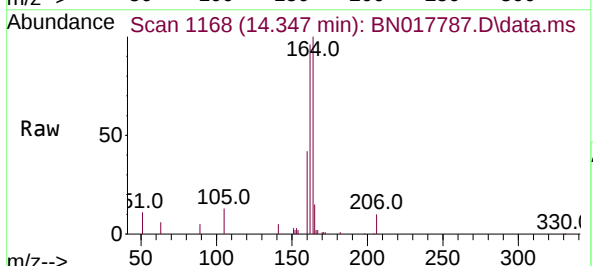
Tgt Ion:164 Resp: 60256

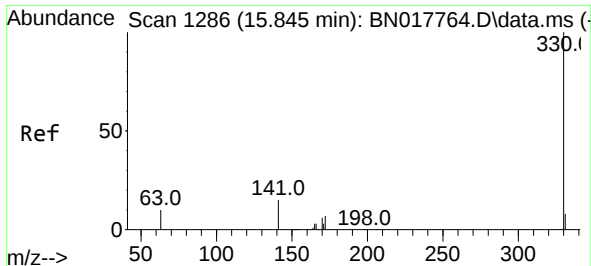
Ion Ratio Lower Upper

164 100

162 95.7 79.0 118.6

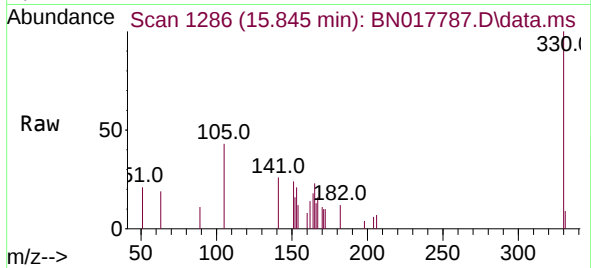
160 42.0 34.6 52.0



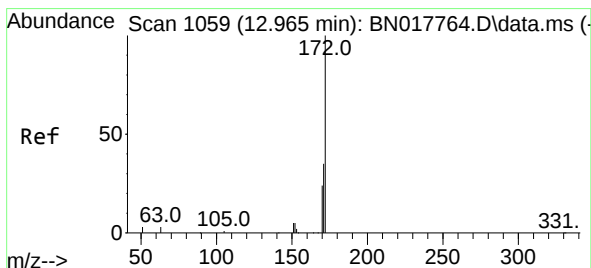
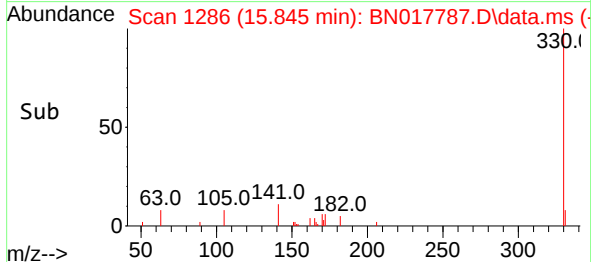
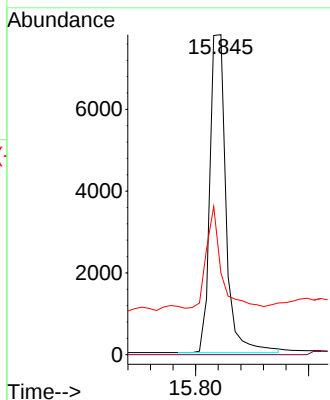


#14  
2,4,6-Tribromophenol  
Concen: 0.489 ng  
RT: 15.845 min Scan# 1286  
Delta R.T. -0.000 min  
Lab File: BN017787.D  
Acq: 08 Dec 2021 06:46

Instrument :  
BNA\_N  
ClientSampleId :  
MW-42

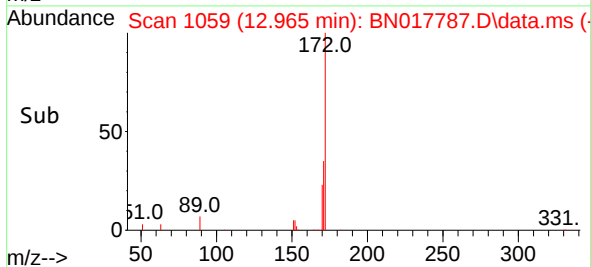
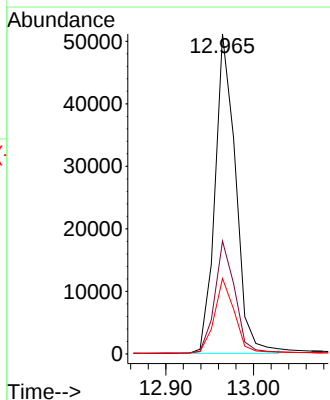
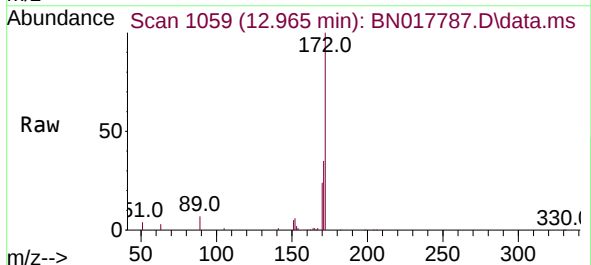


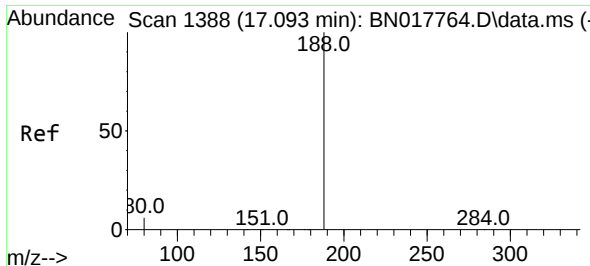
Tgt Ion:330 Resp: 15396  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 29.1 21.5 32.3



#15  
2-Fluorobiphenyl  
Concen: 0.378 ng  
RT: 12.965 min Scan# 1059  
Delta R.T. -0.000 min  
Lab File: BN017787.D  
Acq: 08 Dec 2021 06:46

Tgt Ion:172 Resp: 83487  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.1 42.1  
170 23.6 18.9 28.3

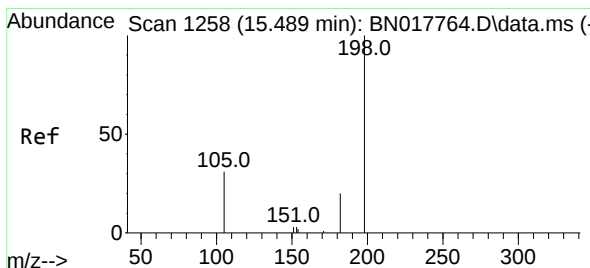
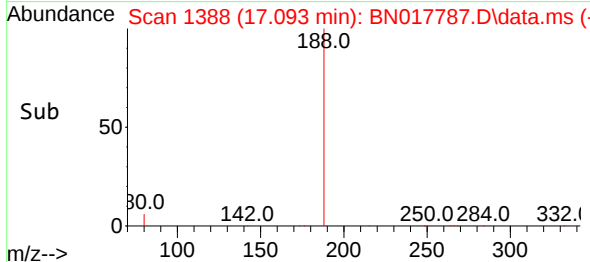
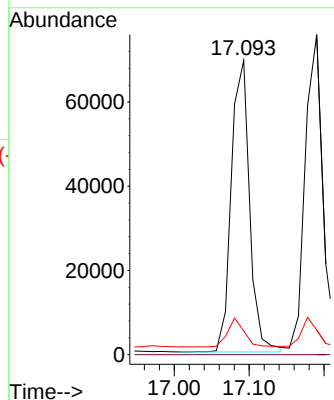
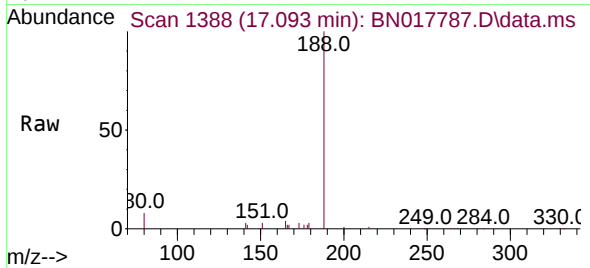




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.093 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN017787.D  
Acq: 08 Dec 2021 06:46

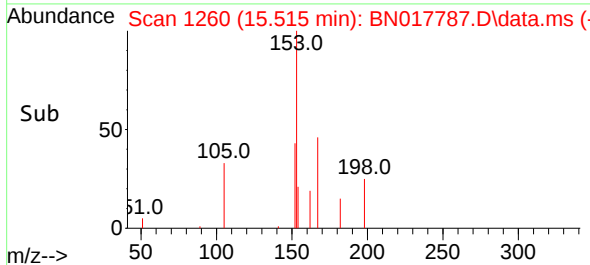
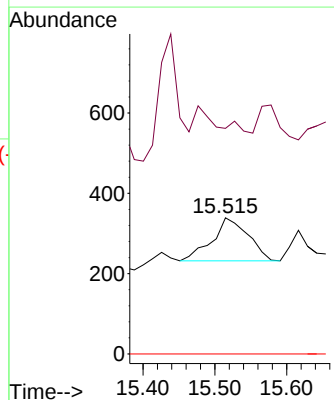
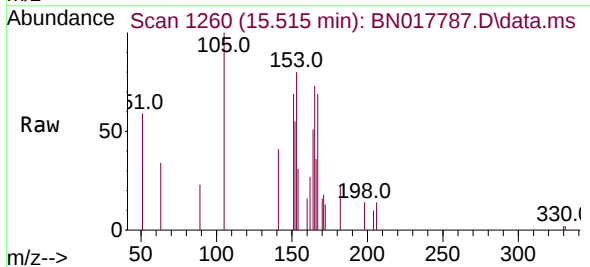
Instrument :  
BNA\_N  
ClientSampleId :  
MW-42

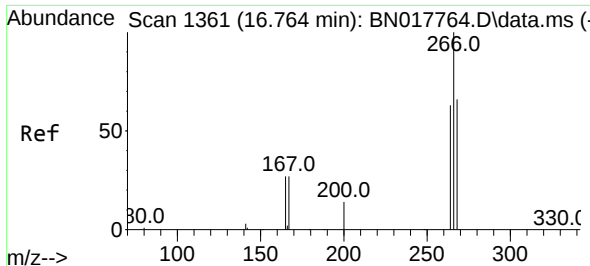
Tgt Ion:188 Resp: 117599  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.1 5.1 7.7#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.342 ng  
RT: 15.515 min Scan# 1260  
Delta R.T. 0.026 min  
Lab File: BN017787.D  
Acq: 08 Dec 2021 06:46

Tgt Ion:198 Resp: 373  
Ion Ratio Lower Upper  
198 100  
182 165.8 44.2 66.2#  
77 0.0 0.0 0.0

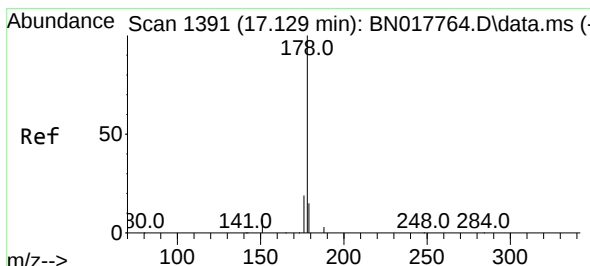
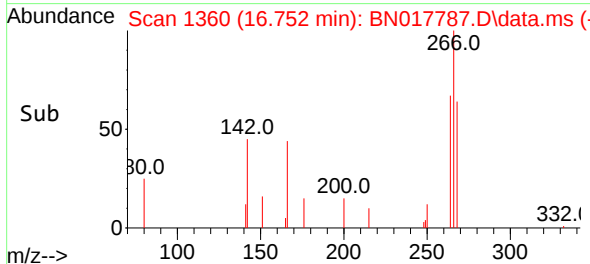
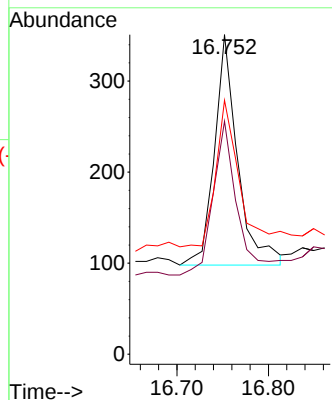
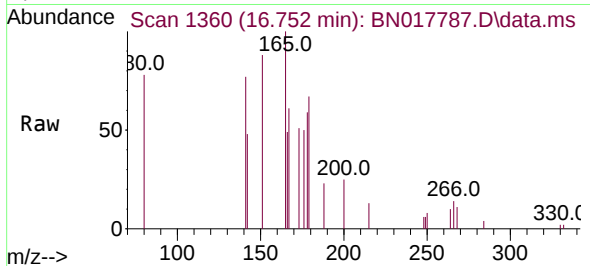




#24  
 Pentachlorophenol  
 Concen: 0.294 ng  
 RT: 16.752 min Scan# 1360  
 Delta R.T. -0.012 min  
 Lab File: BN017787.D  
 Acq: 08 Dec 2021 06:46

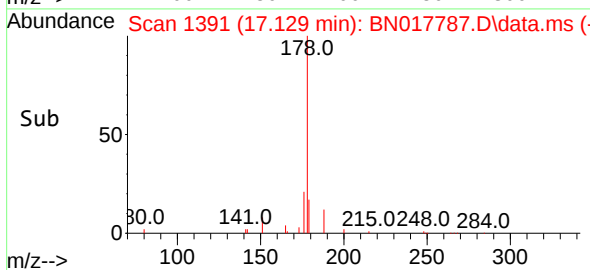
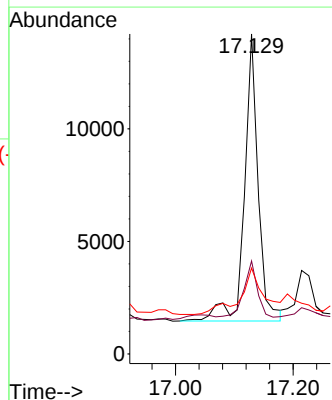
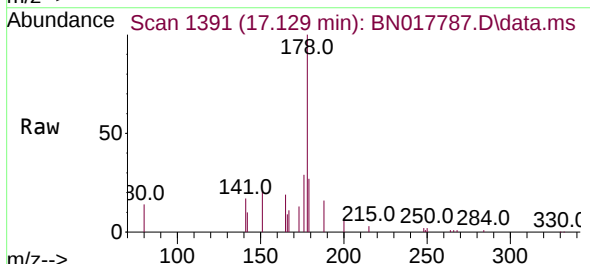
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-42

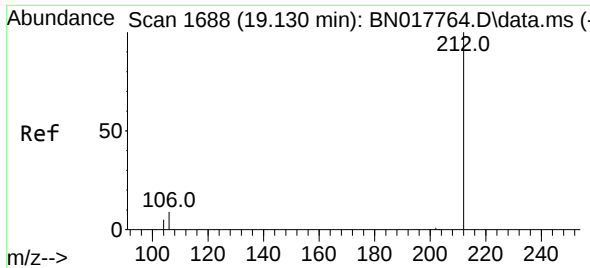
Tgt Ion:266 Resp: 445  
 Ion Ratio Lower Upper  
 266 100  
 264 69.0 50.8 76.2  
 268 69.2 51.8 77.6



#25  
 Phenanthrene  
 Concen: 0.067 ng  
 RT: 17.129 min Scan# 1391  
 Delta R.T. -0.000 min  
 Lab File: BN017787.D  
 Acq: 08 Dec 2021 06:46

Tgt Ion:178 Resp: 20595  
 Ion Ratio Lower Upper  
 178 100  
 176 20.4 15.0 22.6  
 179 27.9 12.5 18.7#

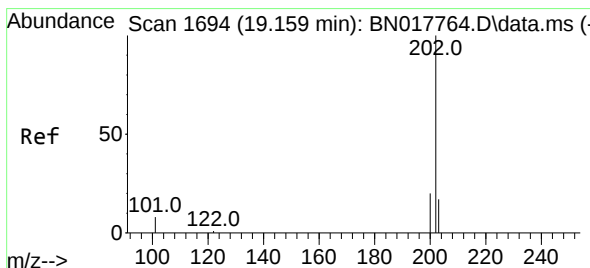
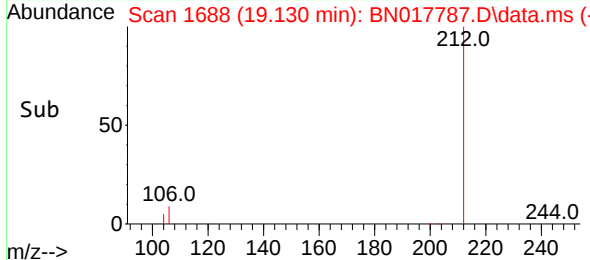
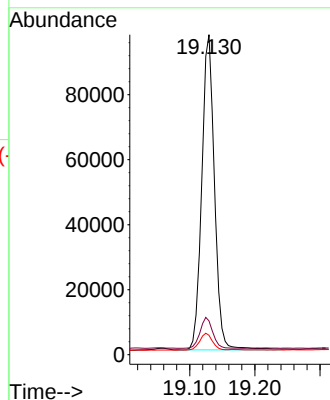
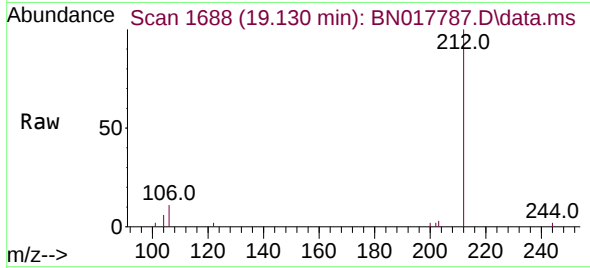




#27  
Fluoranthene-d10  
Concen: 0.335 ng  
RT: 19.130 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: BN017787.D  
Acq: 08 Dec 2021 06:46

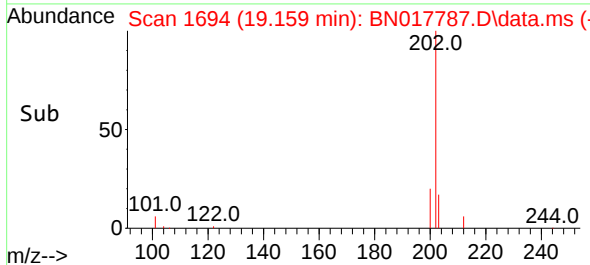
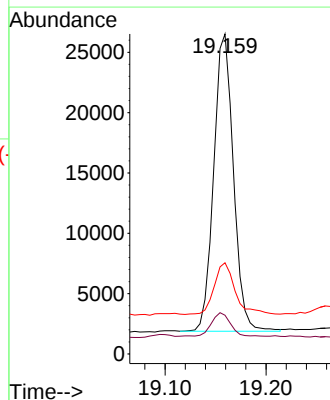
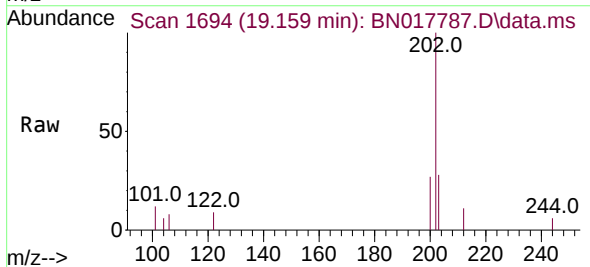
Instrument :  
BNA\_N  
ClientSampleId :  
MW-42

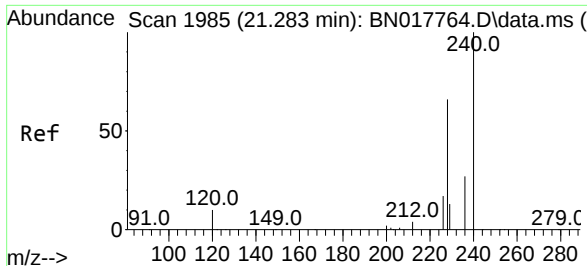
Tgt Ion:212 Resp: 131610  
Ion Ratio Lower Upper  
212 100  
106 9.7 8.2 12.2  
104 5.3 4.6 6.8



#28  
Fluoranthene  
Concen: 0.089 ng  
RT: 19.159 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: BN017787.D  
Acq: 08 Dec 2021 06:46

Tgt Ion:202 Resp: 33458  
Ion Ratio Lower Upper  
202 100  
101 7.8 7.2 10.8  
203 18.7 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.293 min Scan# 1986

Delta R.T. 0.011 min

Lab File: BN017787.D

Acq: 08 Dec 2021 06:46

Instrument :

BNA\_N

ClientSampleId :

MW-42

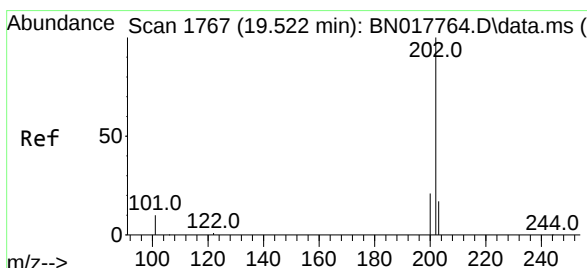
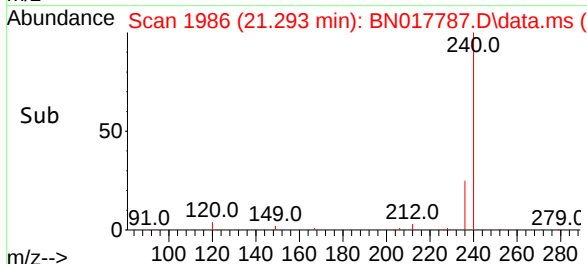
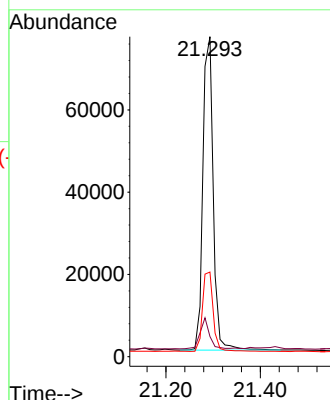
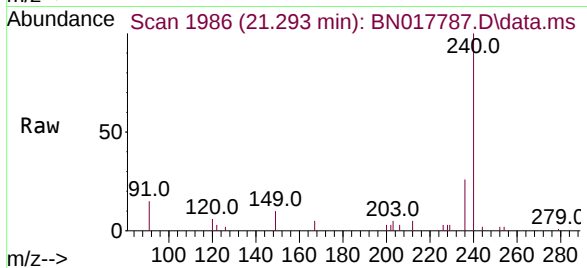
Tgt Ion:240 Resp: 115944

Ion Ratio Lower Upper

240 100

120 6.3 7.9 11.9#

236 26.5 21.4 32.2



#30

Pyrene

Concen: 0.044 ng

RT: 19.522 min Scan# 1767

Delta R.T. -0.000 min

Lab File: BN017787.D

Acq: 08 Dec 2021 06:46

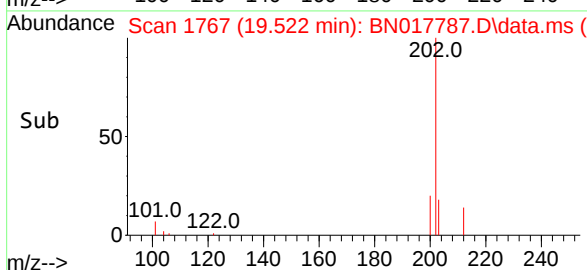
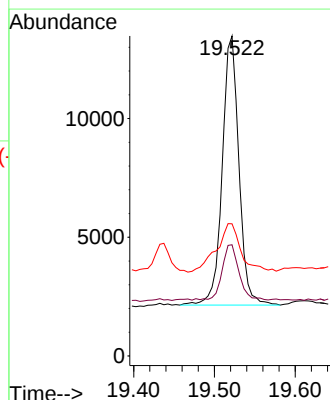
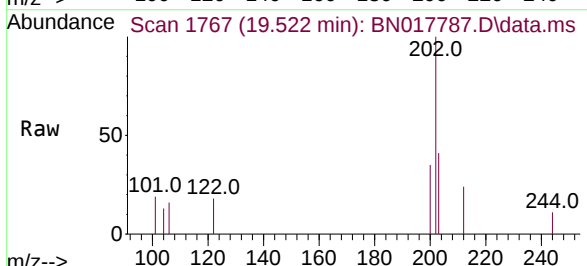
Tgt Ion:202 Resp: 16325

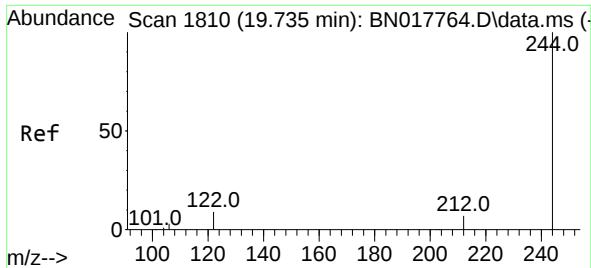
Ion Ratio Lower Upper

202 100

200 21.1 16.5 24.7

203 26.6 14.0 21.0#

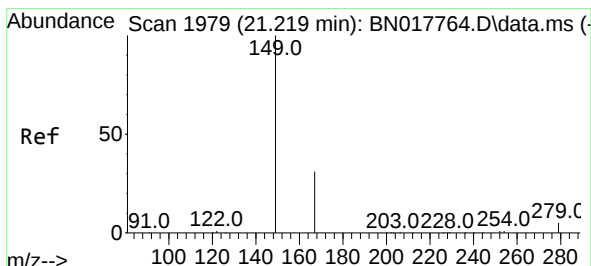
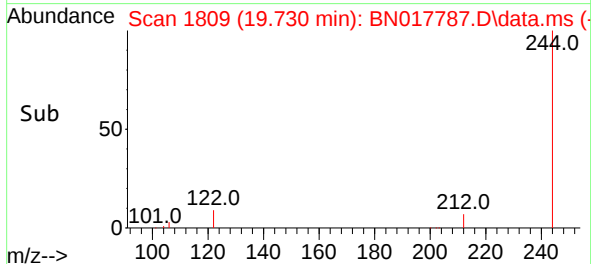
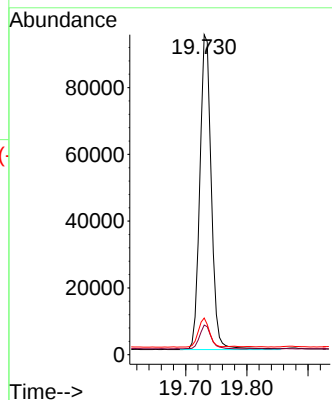
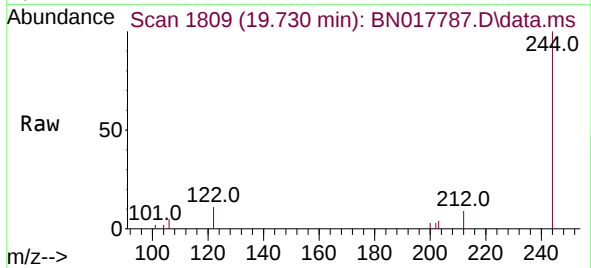




#31  
Terphenyl-d14  
Concen: 0.492 ng  
RT: 19.730 min Scan# 1810  
Delta R.T. -0.005 min  
Lab File: BN017787.D  
Acq: 08 Dec 2021 06:46

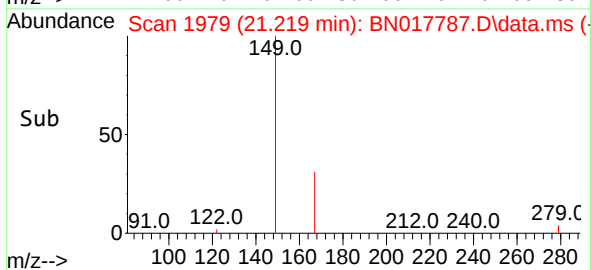
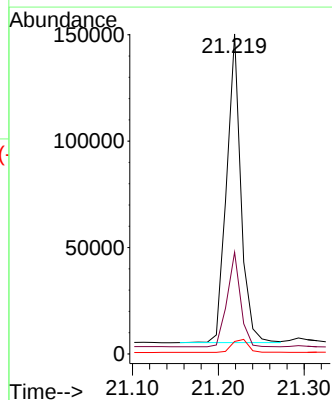
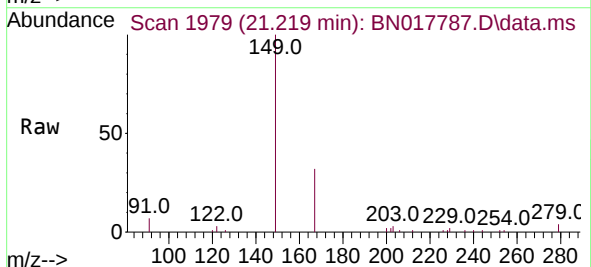
Instrument :  
BNA\_N  
ClientSampleId :  
MW-42

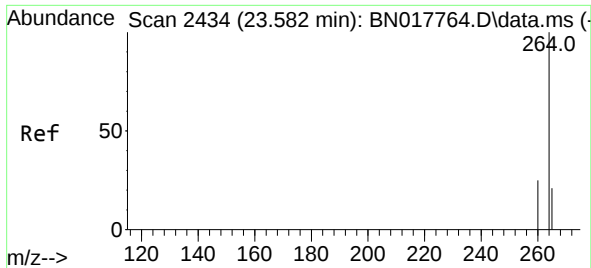
Tgt Ion:244 Resp: 122577  
Ion Ratio Lower Upper  
244 100  
212 9.3 5.8 8.8#  
122 11.5 7.1 10.7#



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 1.034 ng  
RT: 21.219 min Scan# 1979  
Delta R.T. -0.000 min  
Lab File: BN017787.D  
Acq: 08 Dec 2021 06:46

Tgt Ion:149 Resp: 167295  
Ion Ratio Lower Upper  
149 100  
167 28.7 23.5 35.3  
279 4.9 3.8 5.6





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.586 min Scan# 24  
 Delta R.T. 0.003 min  
 Lab File: BN017787.D  
 Acq: 08 Dec 2021 06:46

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-42

Tgt Ion:264 Resp: 115276  
 Ion Ratio Lower Upper  
 264 100  
 260 25.5 20.0 30.0  
 265 25.9 20.5 30.7

