

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN030322\  
 Data File : BN018808.D  
 Acq On : 03 Mar 2022 02:17  
 Operator : CG/JU  
 Sample : N1661-02  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-110

Quant Time: Mar 03 04:35:06 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN030322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 03 00:44:34 2022  
 Response via : Initial Calibration

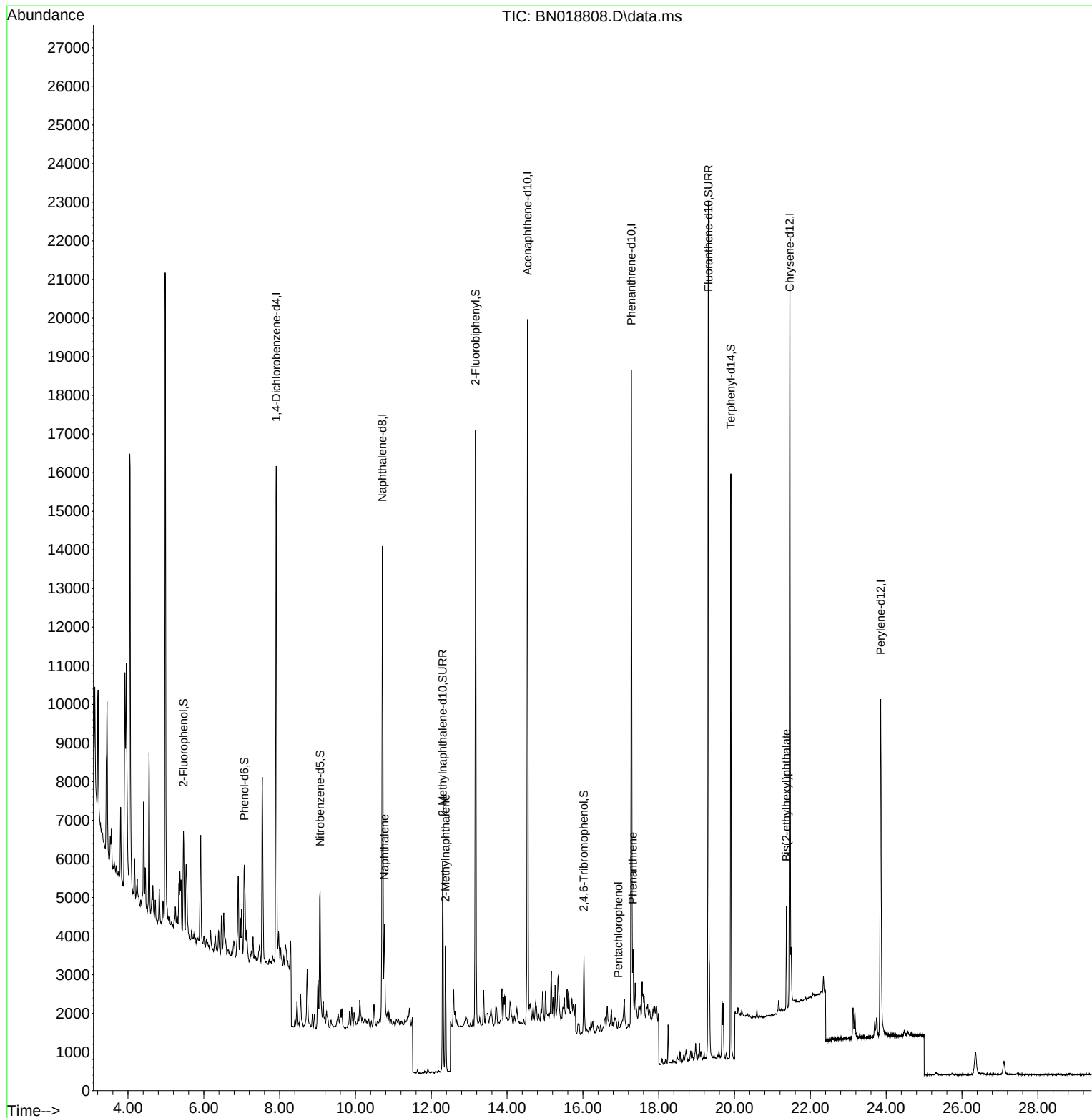
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.912  | 152  | 6100     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.712 | 136  | 16340    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.538 | 164  | 9874     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.277 | 188  | 22911    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.458 | 240  | 17526    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.855 | 264  | 13021    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.464  | 112  | 1888     | 0.142 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.067  | 99   | 1299     | 0.081 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.067  | 82   | 3343     | 0.281 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.303 | 152  | 7507     | 0.282 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.025 | 330  | 1199     | 0.263 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.169 | 172  | 12846    | 0.303 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.307 | 212  | 24412    | 0.362 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.902 | 244  | 15674    | 0.419 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 9) Naphthalene                | 10.765 | 128  | 2855     | 0.061 | ng    | # 92     |
| 12) 2-Methylnaphthalene       | 12.378 | 142  | 2373     | 0.073 | ng    | 96       |
| 24) Pentachlorophenol         | 16.938 | 266  | 14       | 0.219 | ng    | # 71     |
| 25) Phenanthrene              | 17.318 | 178  | 1754     | 0.023 | ng    | # 85     |
| 34) Bis(2-ethylhexyl)phtha... | 21.369 | 149  | 2316     | 0.057 | ng    | # 98     |
| -----                         |        |      |          |       |       |          |

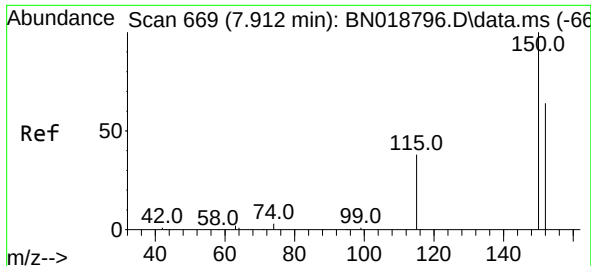
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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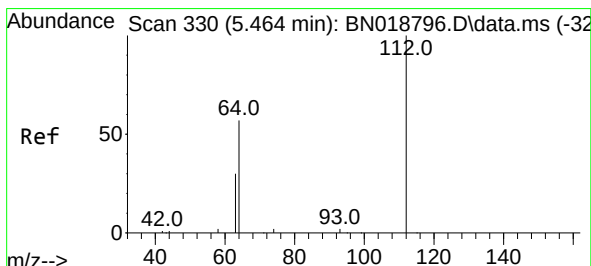
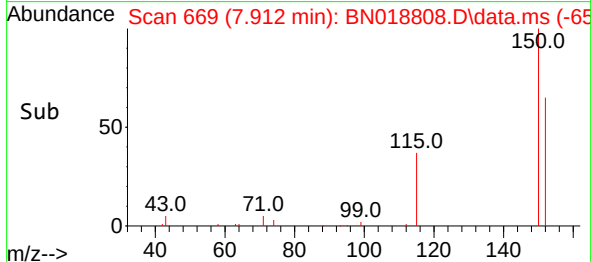
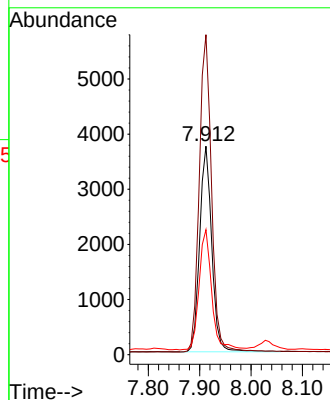
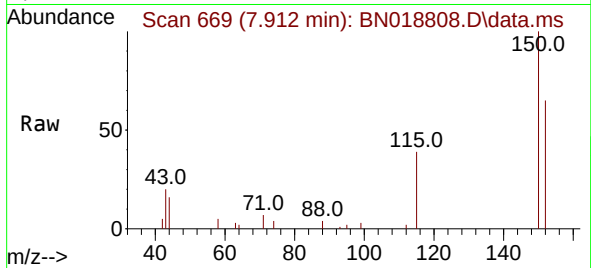




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.912 min Scan# 669  
Delta R.T. 0.000 min  
Lab File: BN018808.D  
Acq: 03 Mar 2022 02:17

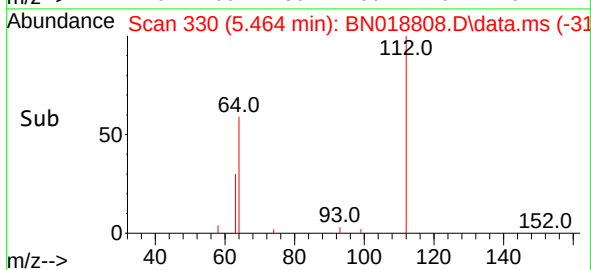
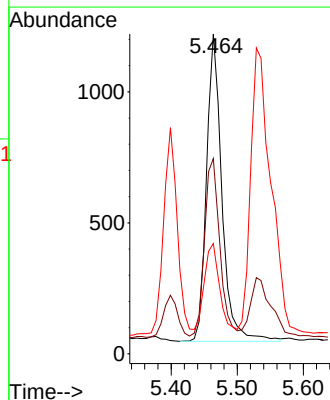
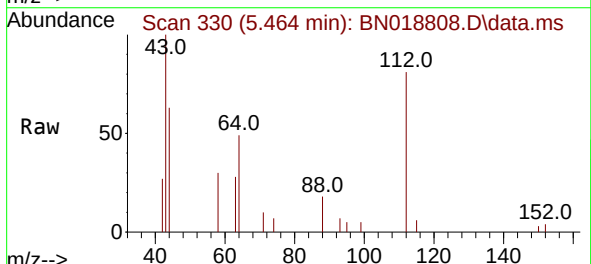
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BNA\_N  
ClientSampleId :  
MW-110

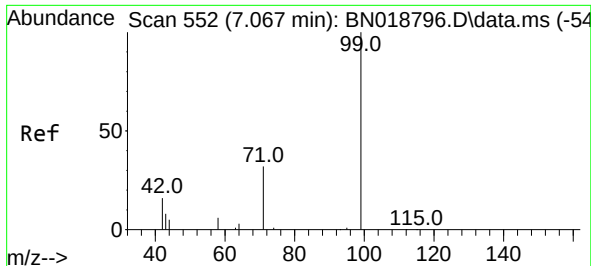
Tgt Ion:152 Resp: 6100  
Ion Ratio Lower Upper  
152 100  
150 153.5 123.9 185.9  
115 59.9 48.2 72.4



#4  
2-Fluorophenol  
Concen: 0.142 ng  
RT: 5.464 min Scan# 330  
Delta R.T. -0.000 min  
Lab File: BN018808.D  
Acq: 03 Mar 2022 02:17

Tgt Ion:112 Resp: 1888  
Ion Ratio Lower Upper  
112 100  
64 57.1 47.8 71.8  
63 26.3 25.7 38.5

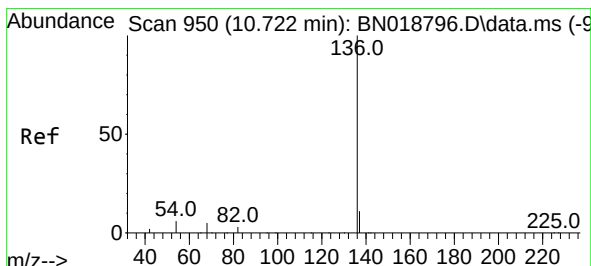
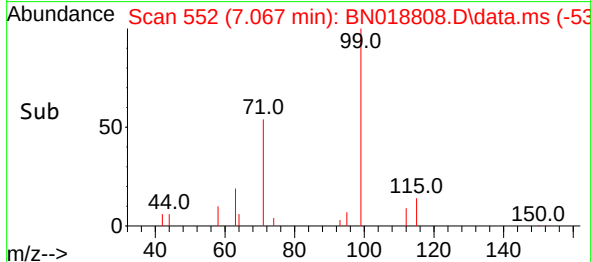
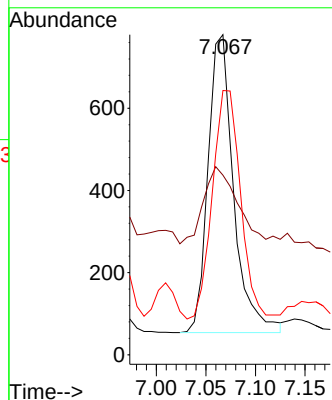
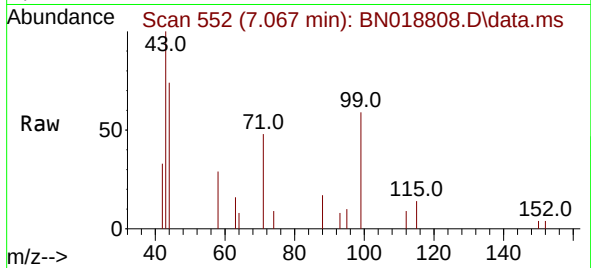




#5  
Phenol-d6  
Concen: 0.081 ng  
RT: 7.067 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: BN018808.D  
Acq: 03 Mar 2022 02:17

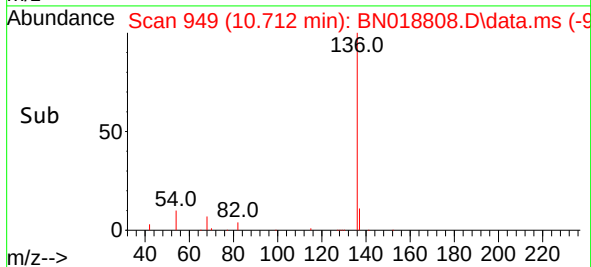
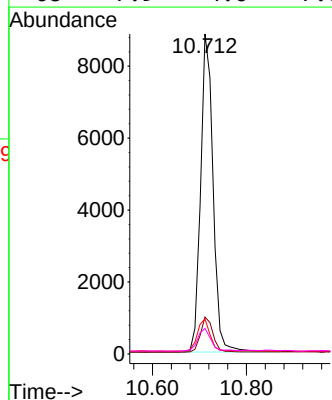
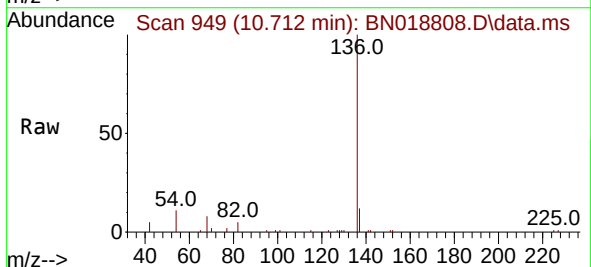
Instrument :  
BNA\_N  
ClientSampleId :  
MW-110

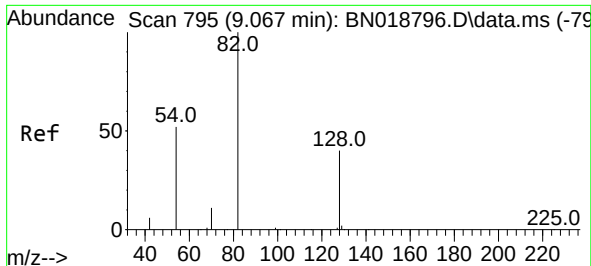
Tgt Ion: 99 Resp: 1299  
Ion Ratio Lower Upper  
99 100  
42 33.6 16.2 24.4#  
71 84.4 27.7 41.5#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.712 min Scan# 949  
Delta R.T. -0.011 min  
Lab File: BN018808.D  
Acq: 03 Mar 2022 02:17

Tgt Ion: 136 Resp: 16340  
Ion Ratio Lower Upper  
136 100  
137 11.6 9.0 13.4  
54 11.0 5.8 8.6#  
68 7.9 4.6 7.0#





#8  
 Nitrobenzene-d5  
 Concen: 0.281 ng  
 RT: 9.067 min Scan# 795  
 Delta R.T. -0.000 min  
 Lab File: BN018808.D  
 Acq: 03 Mar 2022 02:17

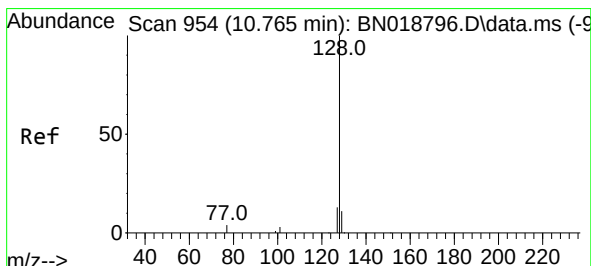
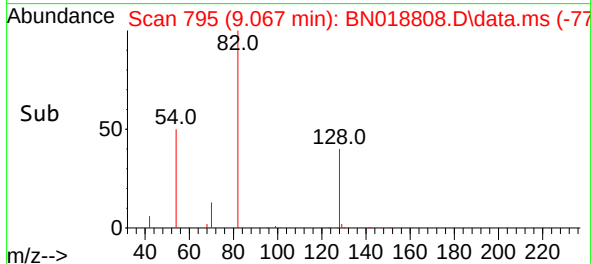
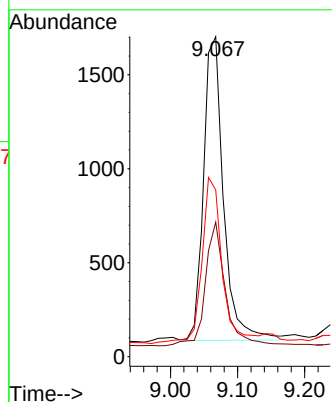
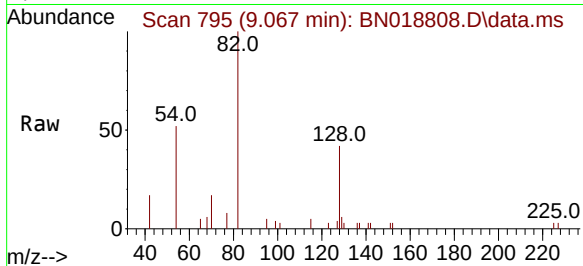
Instrument :

BNA\_N

ClientSampleId :

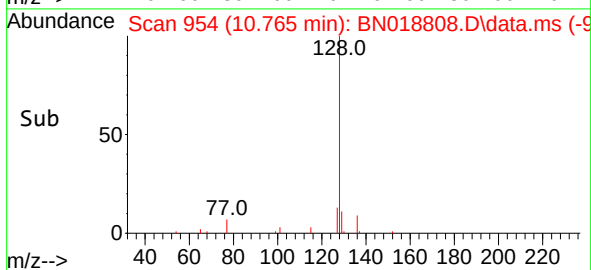
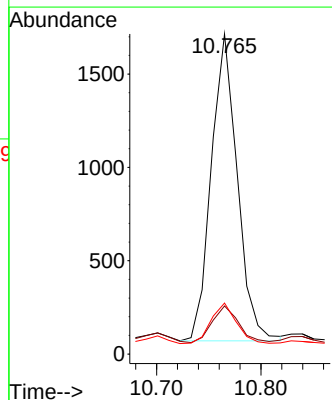
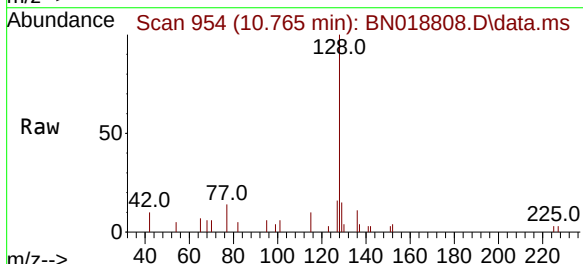
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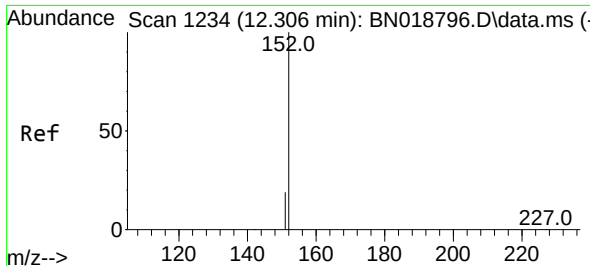
Tgt Ion: 82 Resp: 3343  
 Ion Ratio Lower Upper  
 82 100  
 128 42.0 33.0 49.6  
 54 52.1 42.5 63.7



#9  
 Naphthalene  
 Concen: 0.061 ng  
 RT: 10.765 min Scan# 954  
 Delta R.T. -0.000 min  
 Lab File: BN018808.D  
 Acq: 03 Mar 2022 02:17

Tgt Ion: 128 Resp: 2855  
 Ion Ratio Lower Upper  
 128 100  
 129 15.0 9.0 13.4#  
 127 15.9 10.7 16.1

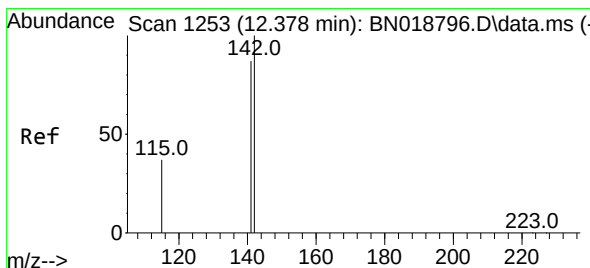
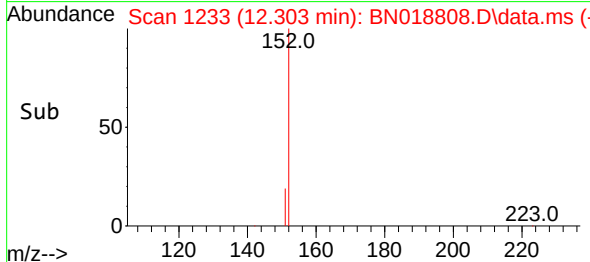
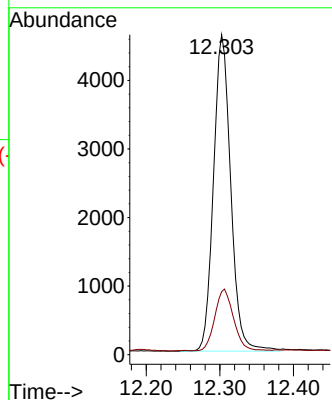
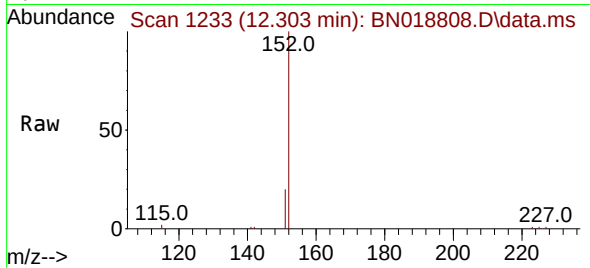




#11  
2-Methylnaphthalene-d10  
Concen: 0.282 ng  
RT: 12.303 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN018808.D  
Acq: 03 Mar 2022 02:17

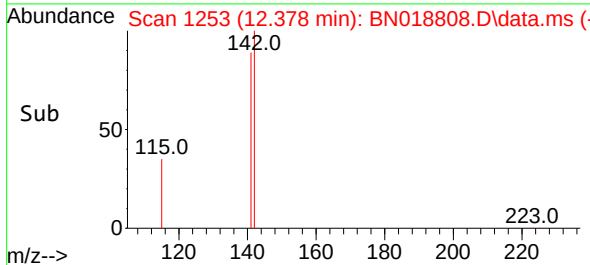
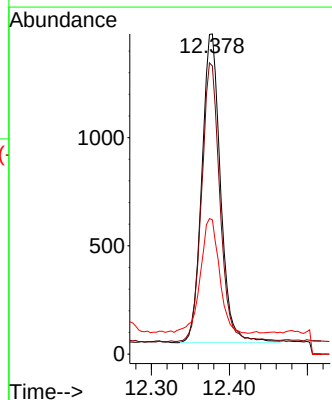
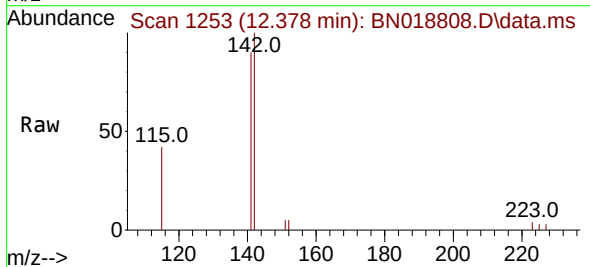
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BNA\_N  
ClientSampleId :  
MW-110

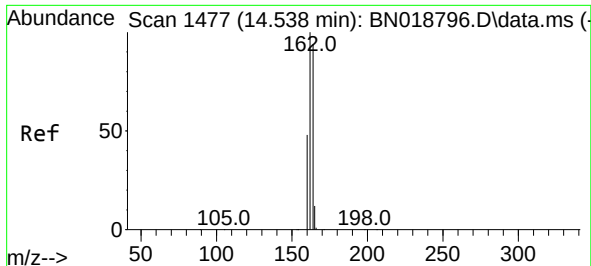
Tgt Ion:152 Resp: 7507  
Ion Ratio Lower Upper  
152 100  
151 21.1 16.5 24.7



#12  
2-Methylnaphthalene  
Concen: 0.073 ng  
RT: 12.378 min Scan# 1253  
Delta R.T. -0.000 min  
Lab File: BN018808.D  
Acq: 03 Mar 2022 02:17

Tgt Ion:142 Resp: 2373  
Ion Ratio Lower Upper  
142 100  
141 90.0 70.0 105.0  
115 42.0 29.8 44.8

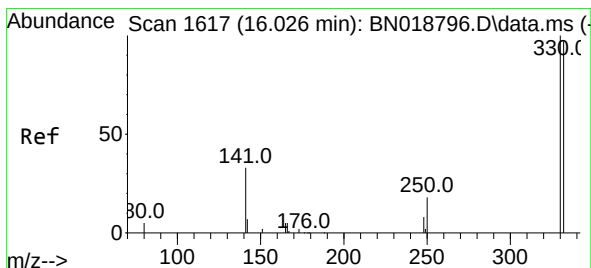
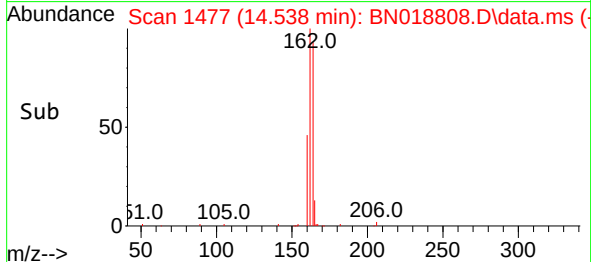
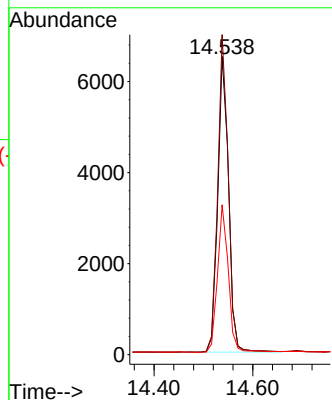
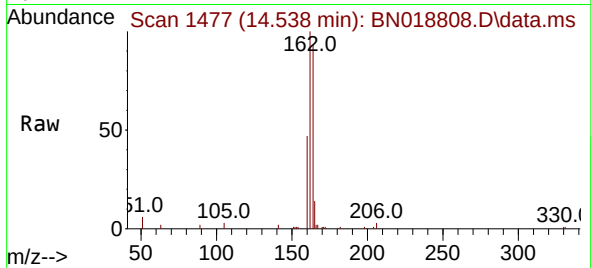




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.538 min Scan# 1477  
Delta R.T. -0.000 min  
Lab File: BN018808.D  
Acq: 03 Mar 2022 02:17

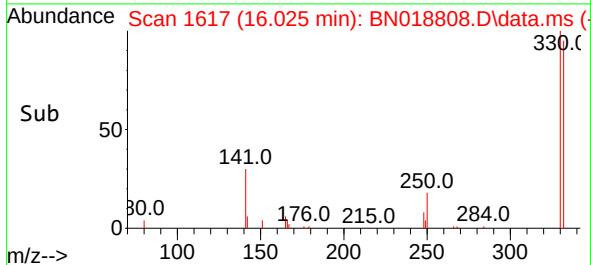
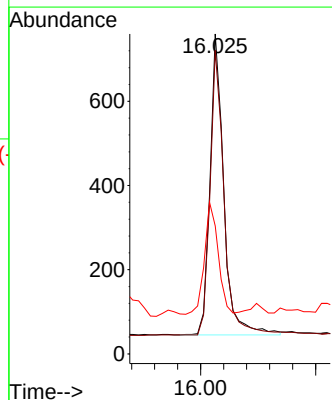
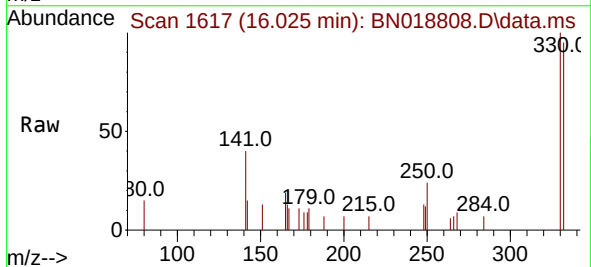
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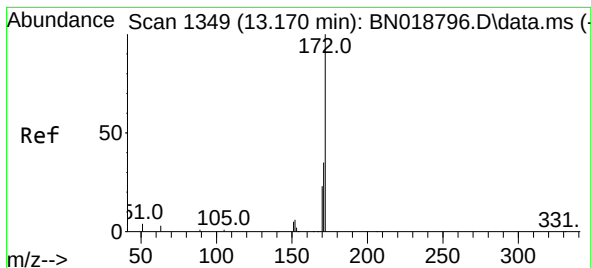
Tgt Ion:164 Resp: 9874  
Ion Ratio Lower Upper  
164 100  
162 107.3 85.2 127.8  
160 50.2 41.5 62.3



#14  
2,4,6-Tribromophenol  
Concen: 0.263 ng  
RT: 16.025 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: BN018808.D  
Acq: 03 Mar 2022 02:17

Tgt Ion:330 Resp: 1199  
Ion Ratio Lower Upper  
330 100  
332 94.7 76.8 115.2  
141 37.1 32.2 48.2





#15

2-Fluorobiphenyl

Concen: 0.303 ng

RT: 13.169 min Scan# 1349

Delta R.T. -0.000 min

Lab File: BN018808.D

Acq: 03 Mar 2022 02:17

Instrument :

BNA\_N

ClientSampleId :

MW-110

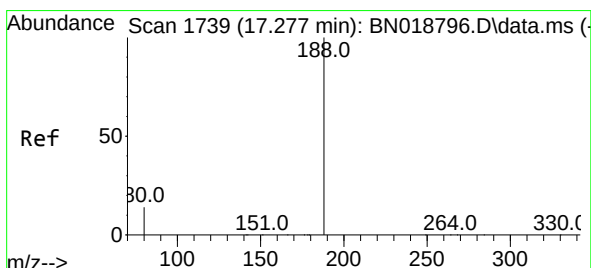
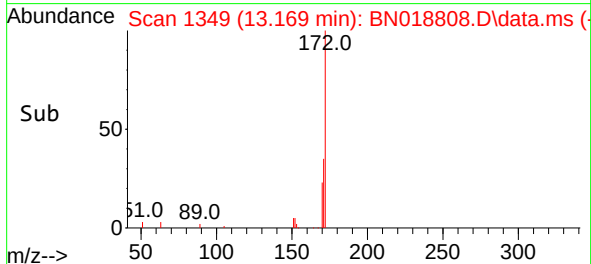
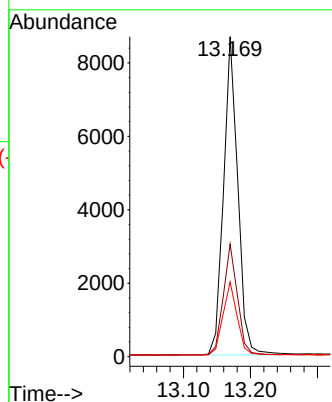
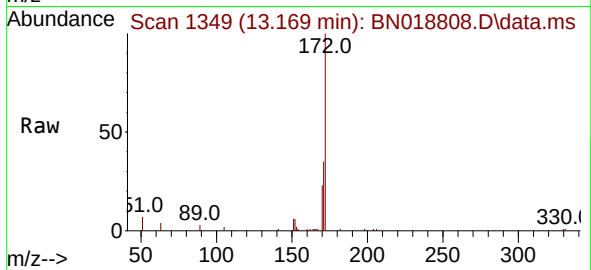
Tgt Ion:172 Resp: 12846

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.4 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.277 min Scan# 1739

Delta R.T. -0.000 min

Lab File: BN018808.D

Acq: 03 Mar 2022 02:17

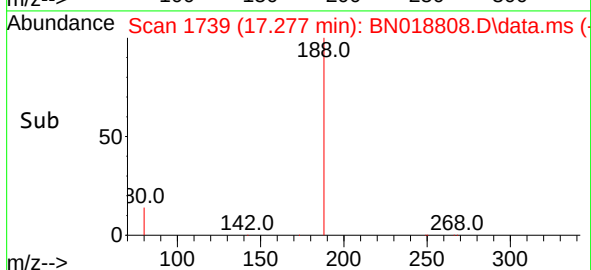
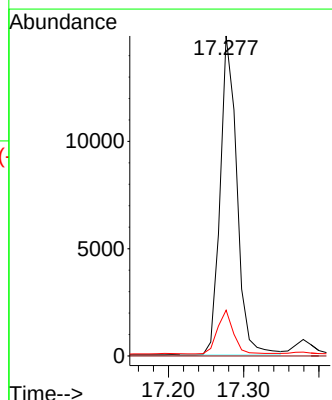
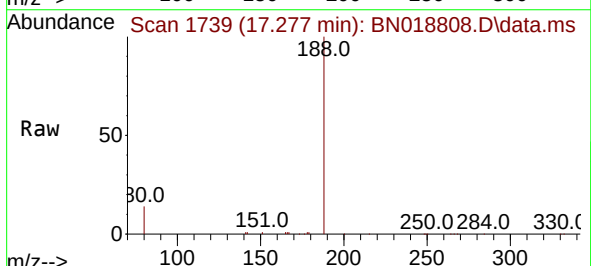
Tgt Ion:188 Resp: 22911

Ion Ratio Lower Upper

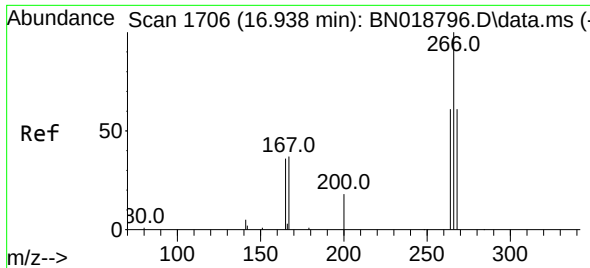
188 100

94 0.0 0.0 0.0

80 14.3 11.8 17.8



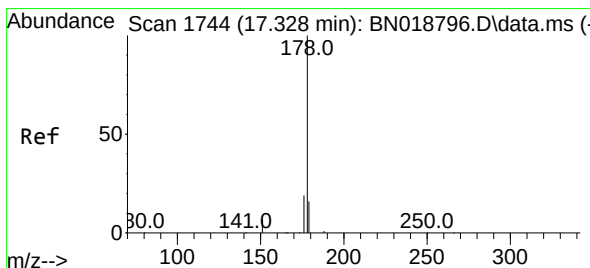
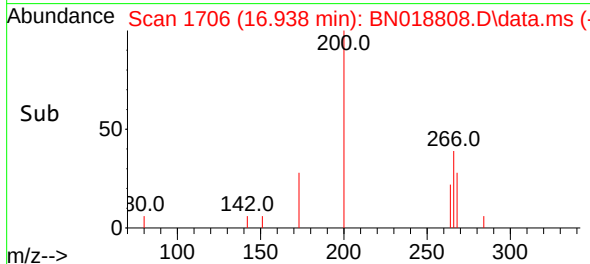
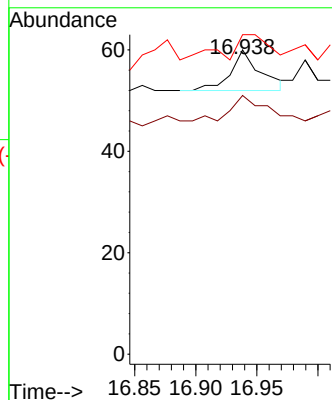
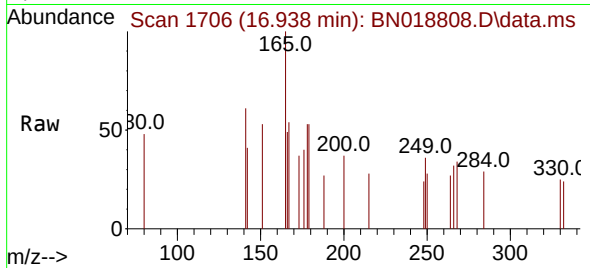




#24  
 Pentachlorophenol  
 Concen: 0.219 ng  
 RT: 16.938 min Scan# 1706  
 Delta R.T. 0.000 min  
 Lab File: BN018808.D  
 Acq: 03 Mar 2022 02:17

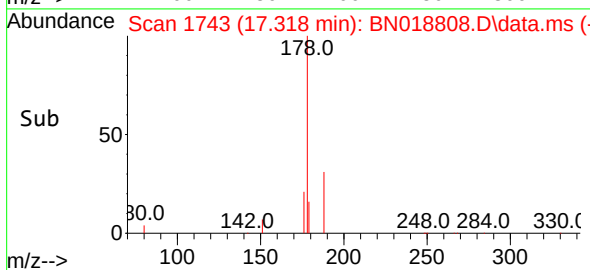
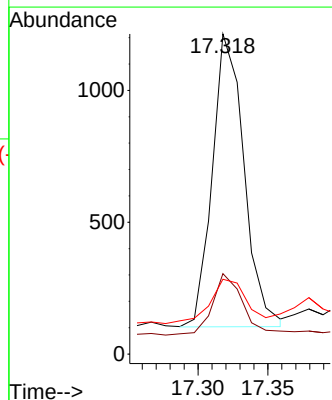
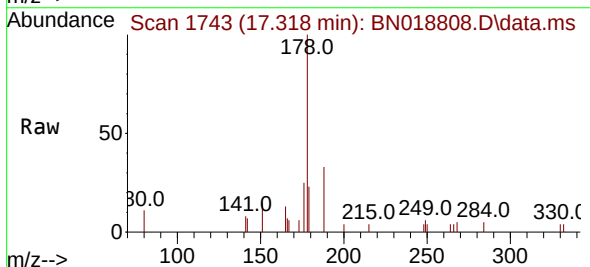
Instrument :  
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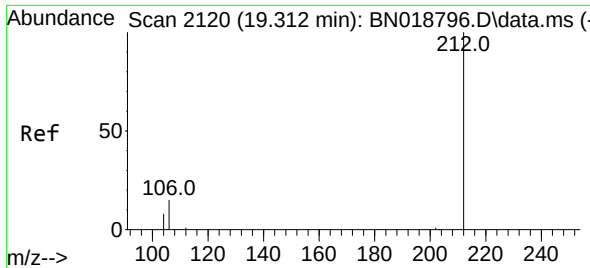
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 Ion Ratio Lower Upper  
 266 100  
 264 92.9 50.2 75.4#  
 268 50.0 51.9 77.9#



#25  
 Phenanthrene  
 Concen: 0.023 ng  
 RT: 17.318 min Scan# 1743  
 Delta R.T. -0.010 min  
 Lab File: BN018808.D  
 Acq: 03 Mar 2022 02:17

Tgt Ion:178 Resp: 1754  
 Ion Ratio Lower Upper  
 178 100  
 176 21.5 15.4 23.0  
 179 26.4 12.2 18.2#

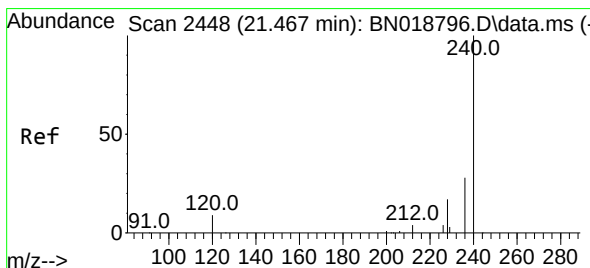
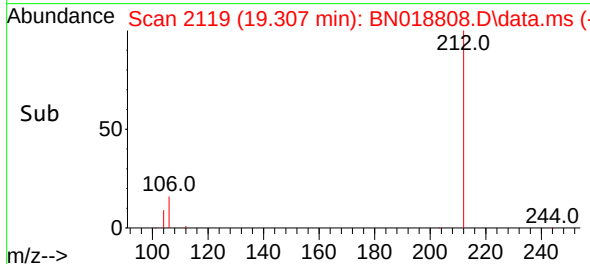
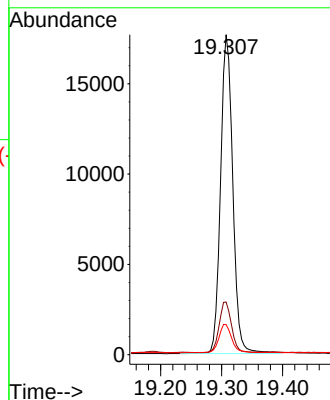
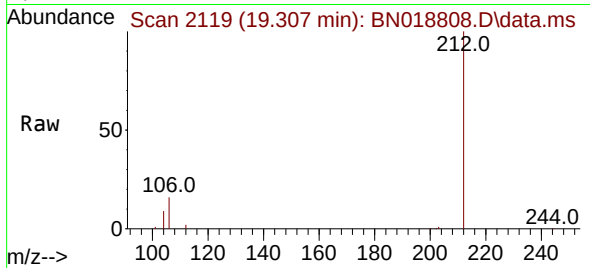




#27  
Fluoranthene-d10  
Concen: 0.362 ng  
RT: 19.307 min Scan# 2119  
Delta R.T. -0.004 min  
Lab File: BN018808.D  
Acq: 03 Mar 2022 02:17

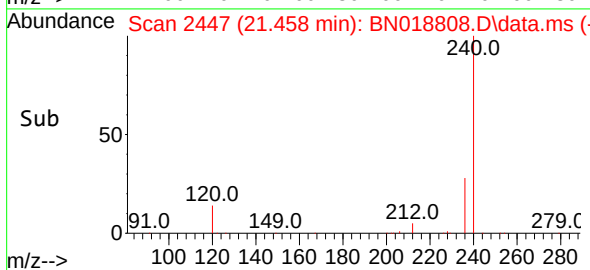
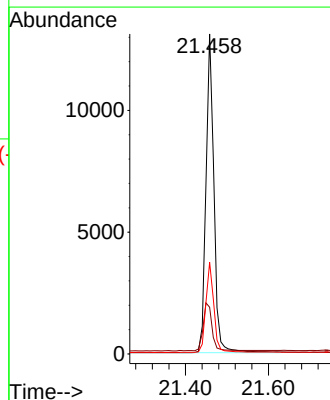
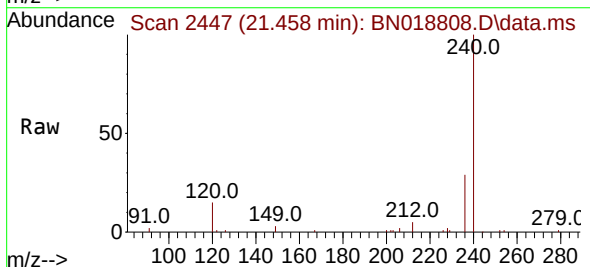
Instrument :  
BNA\_N  
ClientSampleId :  
MW-110

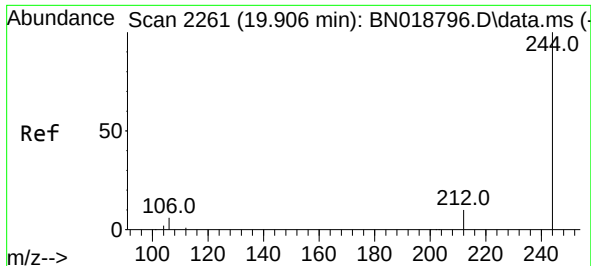
Tgt Ion:212 Resp: 24412  
Ion Ratio Lower Upper  
212 100  
106 16.0 12.7 19.1  
104 9.6 7.1 10.7



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.458 min Scan# 2447  
Delta R.T. -0.009 min  
Lab File: BN018808.D  
Acq: 03 Mar 2022 02:17

Tgt Ion:240 Resp: 17526  
Ion Ratio Lower Upper  
240 100  
120 14.6 8.5 12.7#  
236 28.7 22.4 33.6

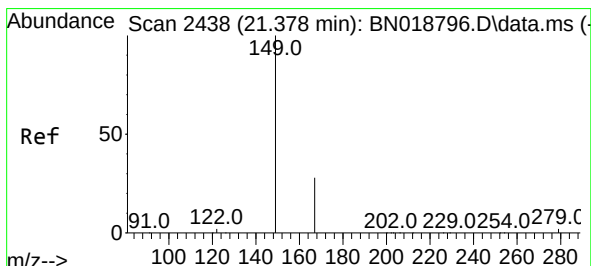
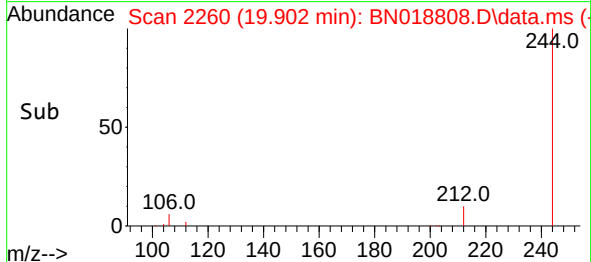
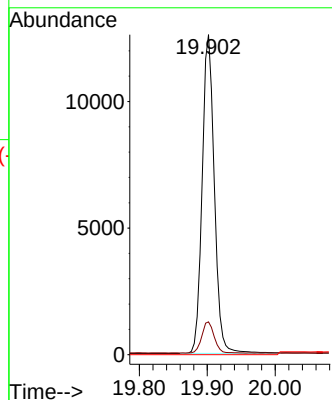
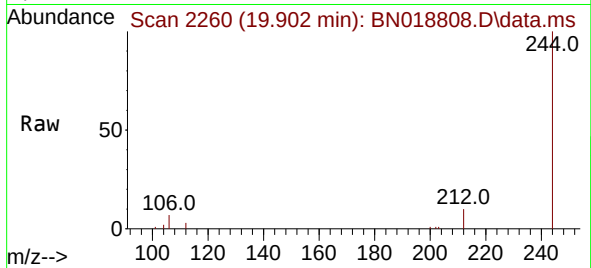




#31  
 Terphenyl-d14  
 Concen: 0.419 ng  
 RT: 19.902 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BN018808.D  
 Acq: 03 Mar 2022 02:17

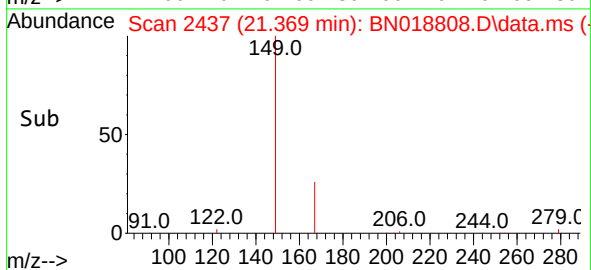
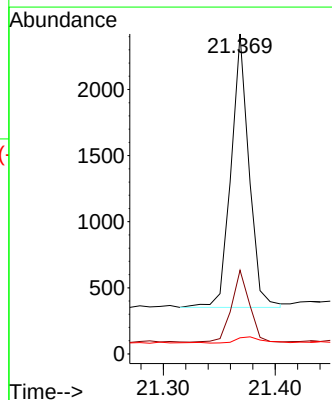
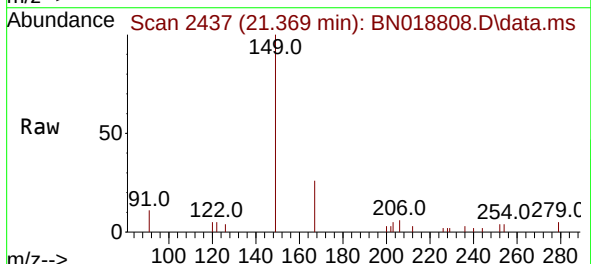
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-110

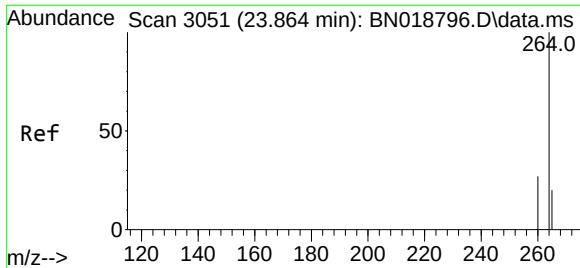
Tgt Ion:244 Resp: 15674  
 Ion Ratio Lower Upper  
 244 100  
 212 10.2 8.2 12.4  
 122 0.0 0.0 0.0



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.057 ng  
 RT: 21.369 min Scan# 2437  
 Delta R.T. -0.009 min  
 Lab File: BN018808.D  
 Acq: 03 Mar 2022 02:17

Tgt Ion:149 Resp: 2316  
 Ion Ratio Lower Upper  
 149 100  
 167 26.2 21.8 32.8  
 279 3.3 2.0 3.0#





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.855 min Scan# 30  
Delta R.T. -0.009 min  
Lab File: BN018808.D  
Acq: 03 Mar 2022 02:17

Instrument :  
BNA\_N  
ClientSampleId :  
MW-110

Tgt Ion:264 Resp: 13021  
Ion Ratio Lower Upper  
264 100  
260 28.6 22.4 33.6  
265 31.5 25.3 37.9

