

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122021\  
 Data File : BN018126.D  
 Acq On : 20 Dec 2021 17:28  
 Operator : CG/JU  
 Sample : M5137-05  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Dec 20 18:15:33 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN121421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 20 14:16:44 2021  
 Response via : Initial Calibration

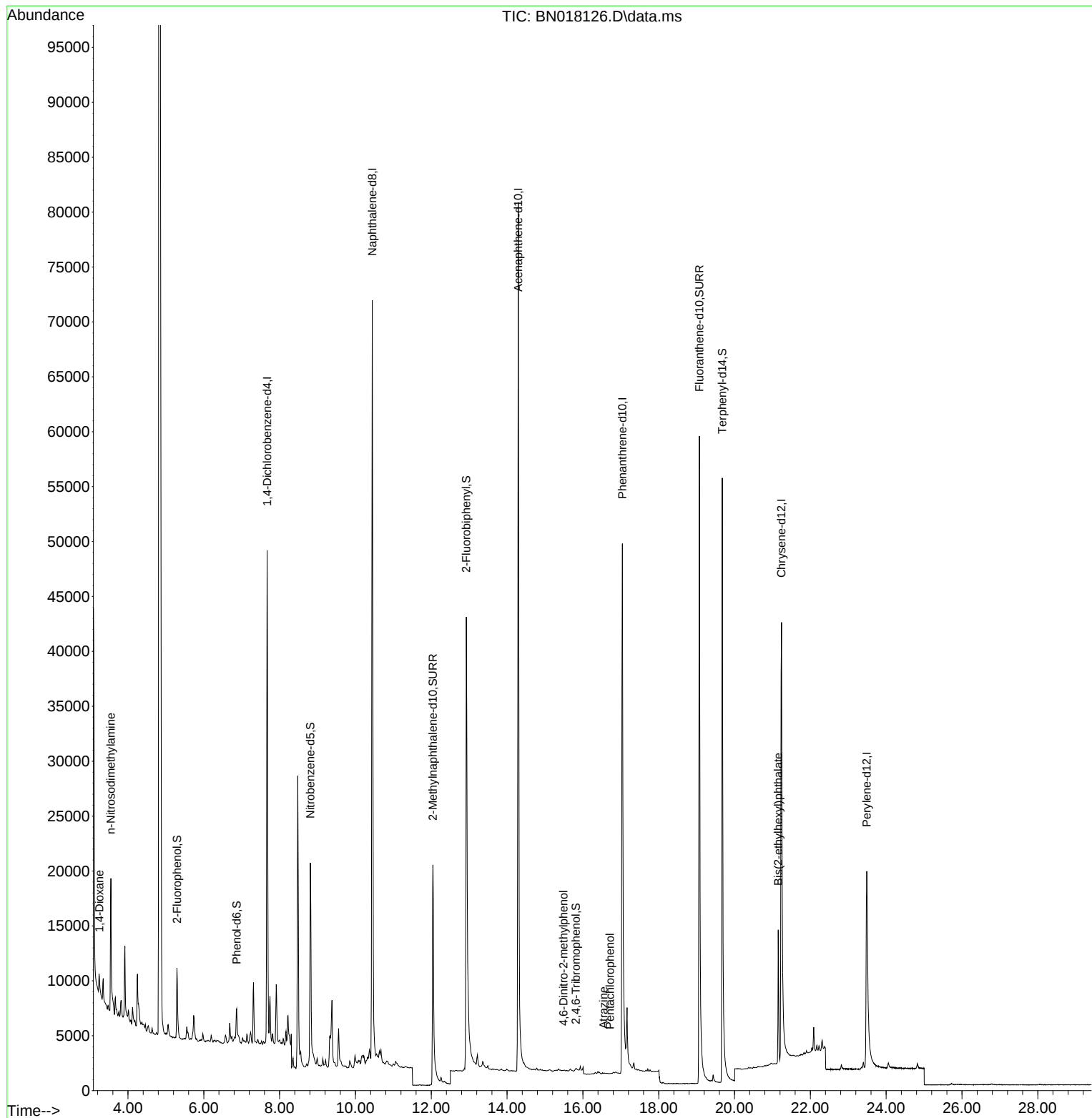
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.670  | 152  | 24173    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.445 | 136  | 97571    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.294 | 164  | 56218    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.042 | 188  | 102211   | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12              | 21.238 | 240  | 68862    | 0.400 | ng    | 0.01     |
| 35) Perylene-d12              | 23.488 | 264  | 41958    | 0.400 | ng    | # 0.01   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.291  | 112  | 5843     | 0.111 | ng    | 0.02     |
| 5) Phenol-d6                  | 6.868  | 99   | 3340     | 0.064 | ng    | 0.02     |
| 8) Nitrobenzene-d5            | 8.810  | 82   | 18742    | 0.271 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.043 | 152  | 40829    | 0.252 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.817 | 330  | 235      | 0.195 | ng    | 0.03     |
| 15) 2-Fluorobiphenyl          | 12.924 | 172  | 55706    | 0.284 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.073 | 212  | 102424   | 0.300 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.679 | 244  | 85249    | 0.594 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.244  | 88   | 659      | 0.044 | ng    | # 75     |
| 3) n-Nitrosodimethylamine     | 3.548  | 42   | 1252     | 0.056 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.487 | 198  | 9        | 0.208 | ng    | # 1      |
| 23) Atrazine                  | 16.543 | 200  | 30       | 0.081 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.713 | 266  | 7        | 0.243 | ng    | # 16     |
| 34) Bis(2-ethylhexyl)phtha... | 21.153 | 149  | 11391    | 0.112 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

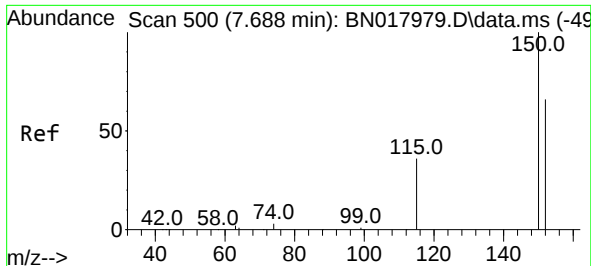
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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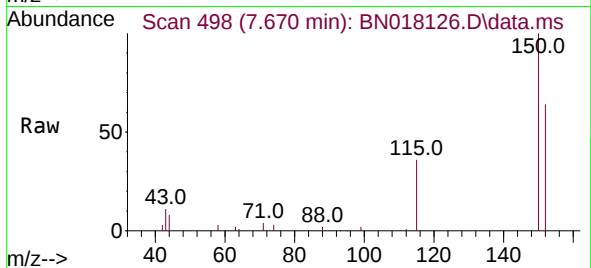
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN121421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 20 14:16:44 2021  
Response via : Initial Calibration



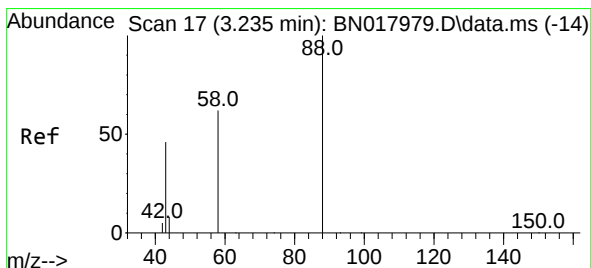
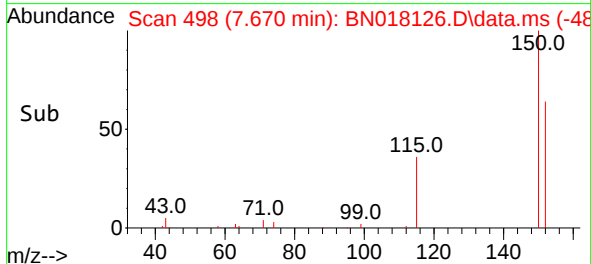
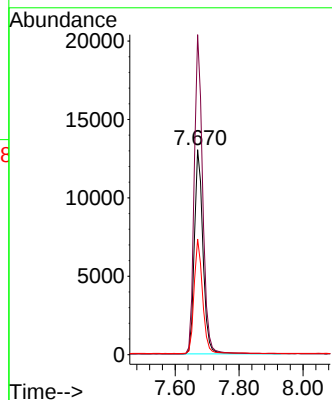


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.670 min Scan# 49  
 Delta R.T. 0.000 min  
 Lab File: BN018126.D  
 Acq: 20 Dec 2021 17:28

Instrument :  
 BNA\_N  
 ClientSampleId :

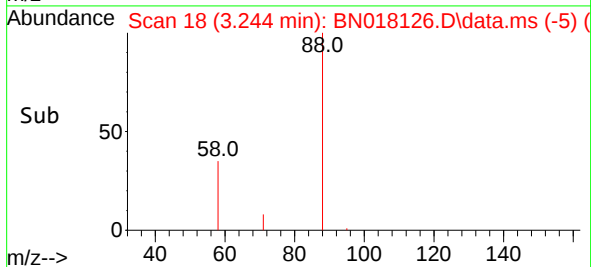
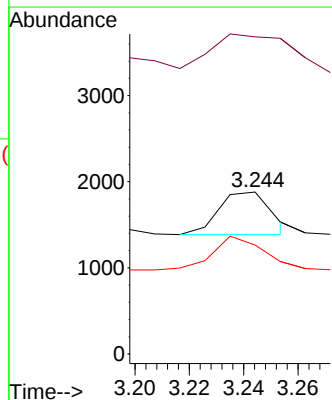
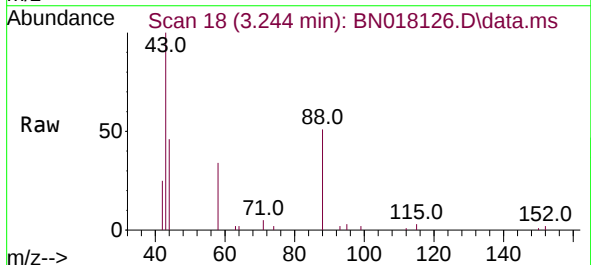


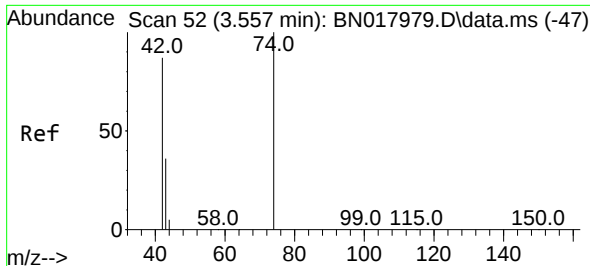
Tgt Ion: 152 Resp: 24173  
 Ion Ratio Lower Upper  
 152 100  
 150 156.1 121.7 182.5  
 115 56.4 43.8 65.8



#2  
 1,4-Dioxane  
 Concen: 0.044 ng  
 RT: 3.244 min Scan# 18  
 Delta R.T. 0.018 min  
 Lab File: BN018126.D  
 Acq: 20 Dec 2021 17:28

Tgt Ion: 88 Resp: 659  
 Ion Ratio Lower Upper  
 88 100  
 43 107.9 69.7 104.5#  
 58 76.8 83.8 125.8#

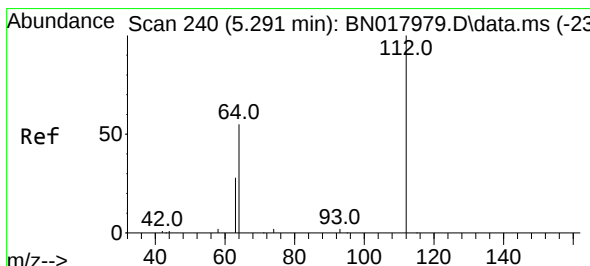
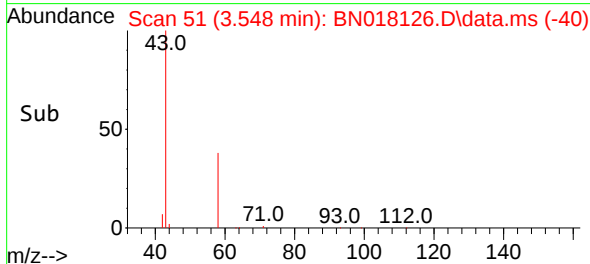
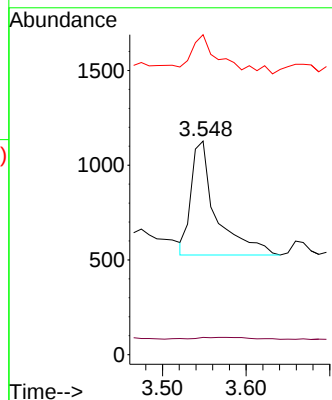
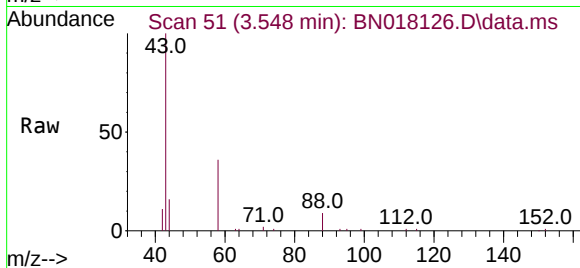




#3  
n-Nitrosodimethylamine  
Concen: 0.056 ng  
RT: 3.548 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BN018126.D  
Acq: 20 Dec 2021 17:28

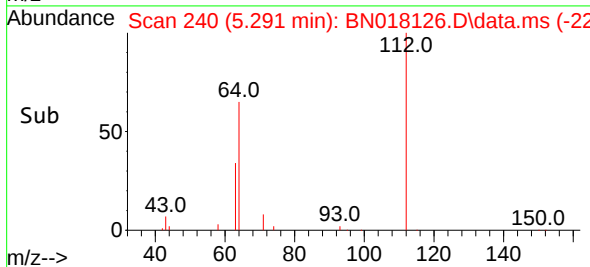
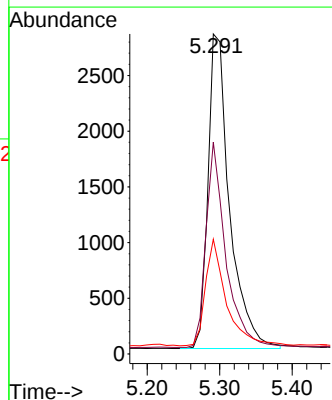
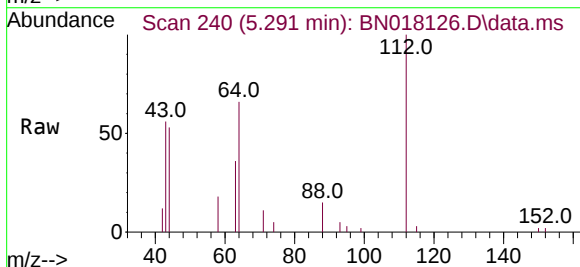
Instrument :  
BNA\_N  
ClientSampleId :

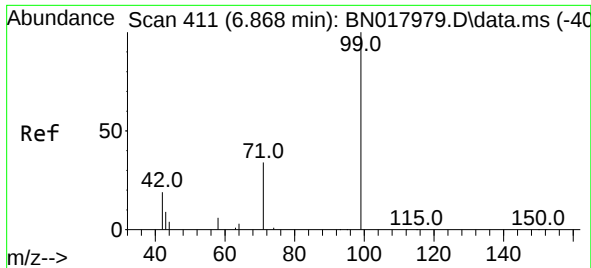
Tgt Ion: 42 Resp: 1252  
Ion Ratio Lower Upper  
42 100  
74 3.6 108.6 163.0#  
44 39.1 5.8 8.8#



#4  
2-Fluorophenol  
Concen: 0.111 ng  
RT: 5.291 min Scan# 240  
Delta R.T. 0.018 min  
Lab File: BN018126.D  
Acq: 20 Dec 2021 17:28

Tgt Ion: 112 Resp: 5843  
Ion Ratio Lower Upper  
112 100  
64 59.8 48.0 72.0  
63 32.4 25.3 37.9

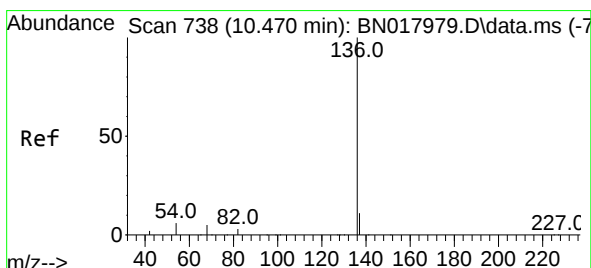
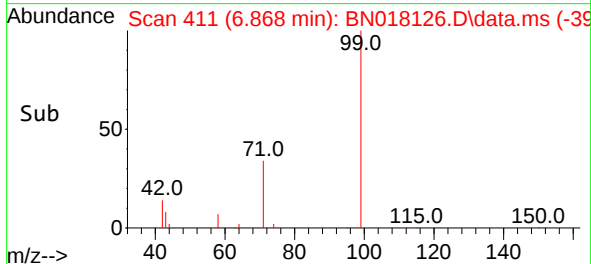
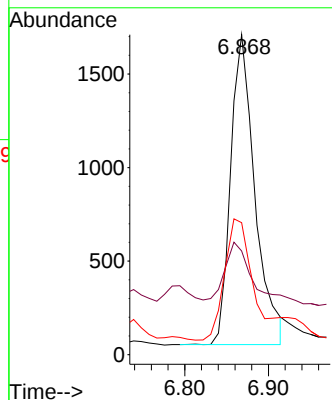
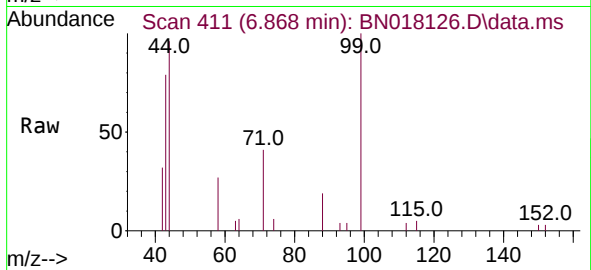




#5  
Phenol-d6  
Concen: 0.064 ng  
RT: 6.868 min Scan# 411  
Delta R.T. 0.018 min  
Lab File: BN018126.D  
Acq: 20 Dec 2021 17:28

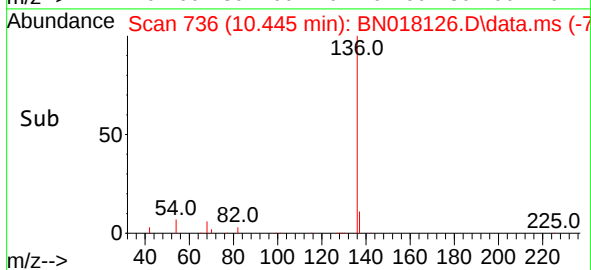
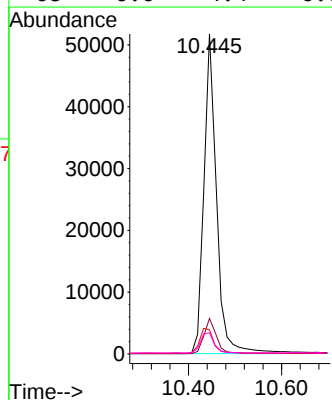
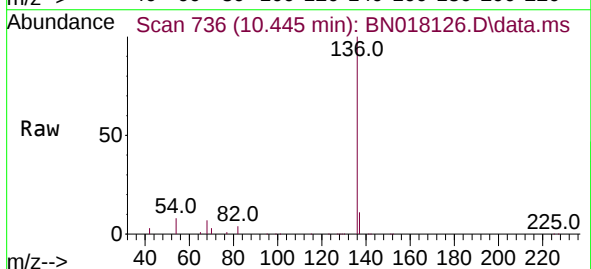
Instrument :  
BNA\_N  
ClientSampleId :

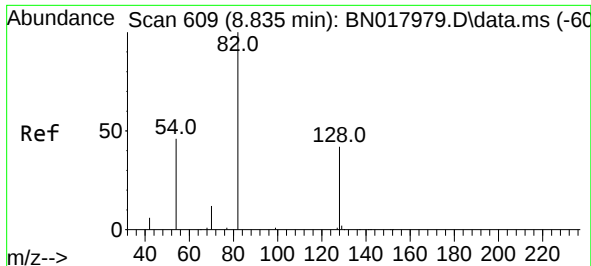
Tgt Ion: 99 Resp: 3340  
Ion Ratio Lower Upper  
99 100  
42 18.3 16.3 24.5  
71 44.7 26.8 40.2#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.445 min Scan# 736  
Delta R.T. -0.000 min  
Lab File: BN018126.D  
Acq: 20 Dec 2021 17:28

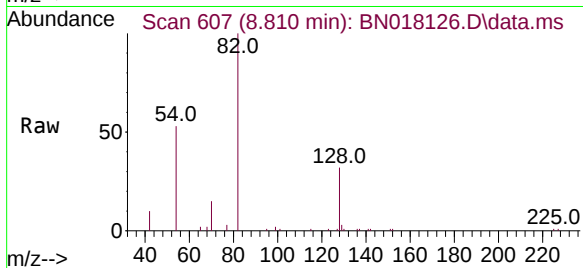
Tgt Ion:136 Resp: 97571  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.8 13.2  
54 7.5 5.0 7.6  
68 6.6 4.4 6.6



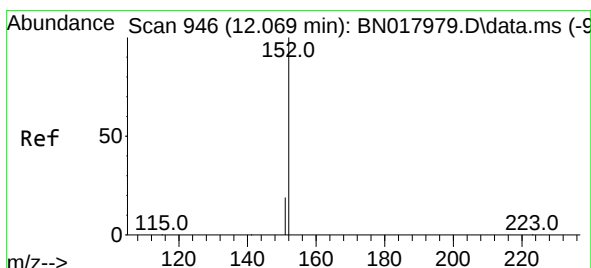
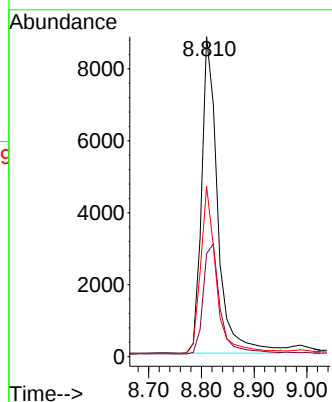
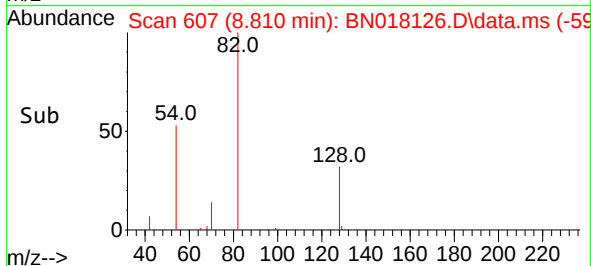


#8  
 Nitrobenzene-d5  
 Concen: 0.271 ng  
 RT: 8.810 min Scan# 609  
 Delta R.T. -0.000 min  
 Lab File: BN018126.D  
 Acq: 20 Dec 2021 17:28

Instrument :  
 BNA\_N  
 ClientSampleId :

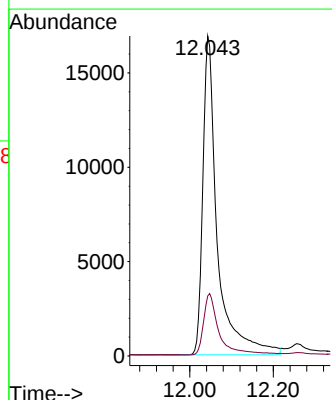
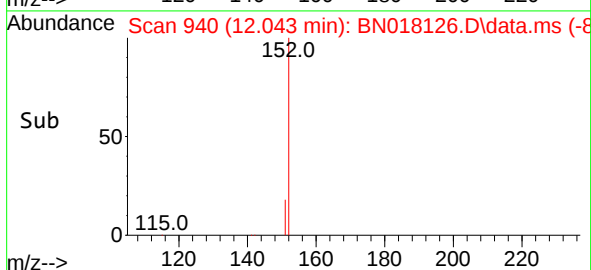
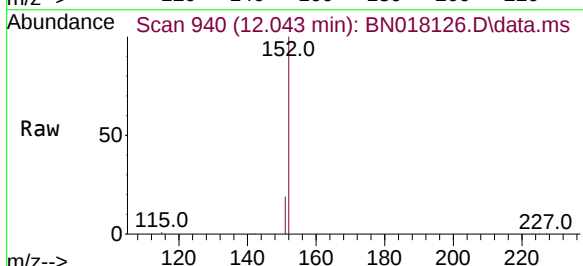


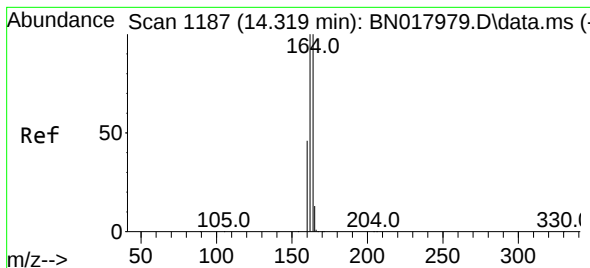
Tgt Ion: 82 Resp: 18742  
 Ion Ratio Lower Upper  
 82 100  
 128 32.2 33.7 50.5#  
 54 53.2 36.6 55.0



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.252 ng  
 RT: 12.043 min Scan# 940  
 Delta R.T. 0.004 min  
 Lab File: BN018126.D  
 Acq: 20 Dec 2021 17:28

Tgt Ion: 152 Resp: 40829  
 Ion Ratio Lower Upper  
 152 100  
 151 20.6 16.2 24.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.294 min Scan# 1185

Delta R.T. -0.000 min

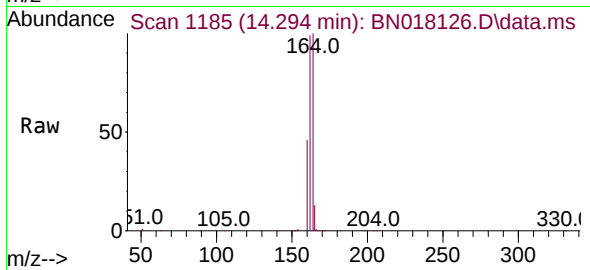
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Acq: 20 Dec 2021 17:28

Instrument :

BNA\_N

ClientSampleId :



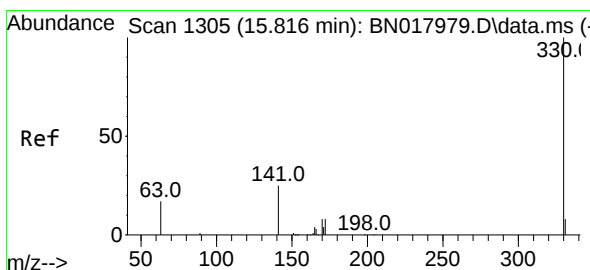
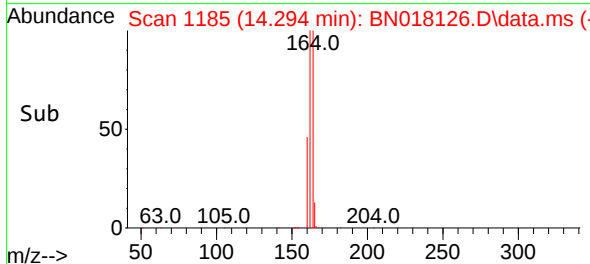
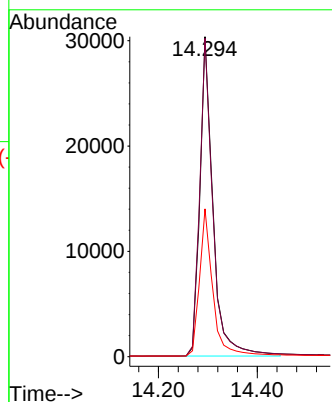
Tgt Ion:164 Resp: 56218

Ion Ratio Lower Upper

164 100

162 99.5 80.2 120.2

160 46.2 36.9 55.3



#14

2,4,6-Tribromophenol

Concen: 0.195 ng

RT: 15.817 min Scan# 1305

Delta R.T. 0.025 min

Lab File: BN018126.D

Acq: 20 Dec 2021 17:28

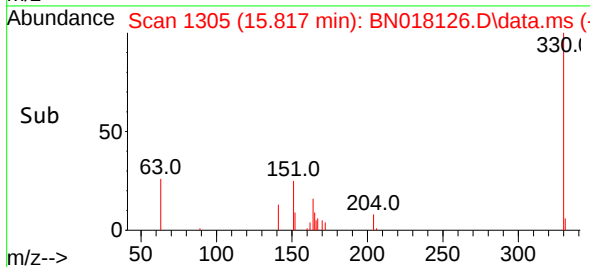
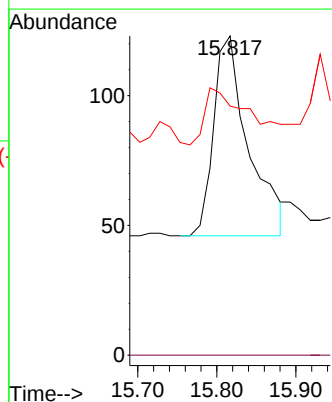
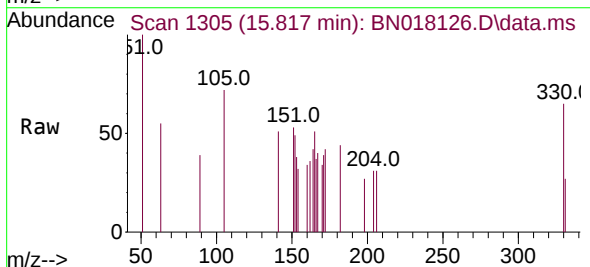
Tgt Ion:330 Resp: 235

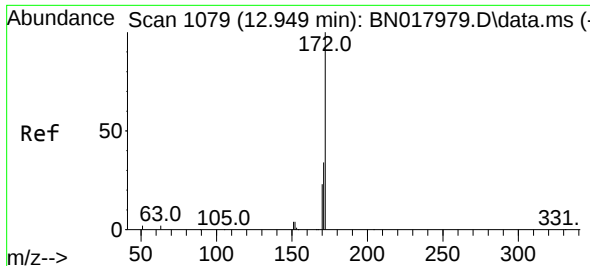
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 0.0 21.3 31.9#

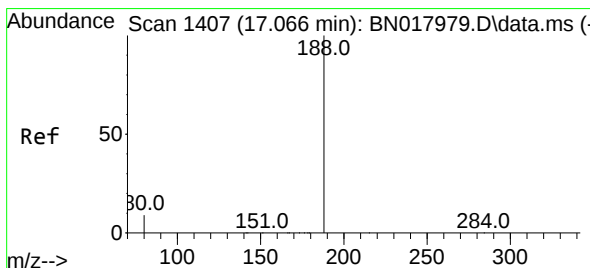
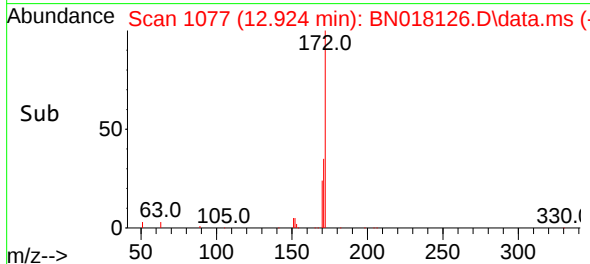
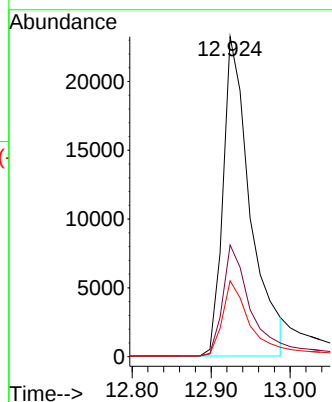
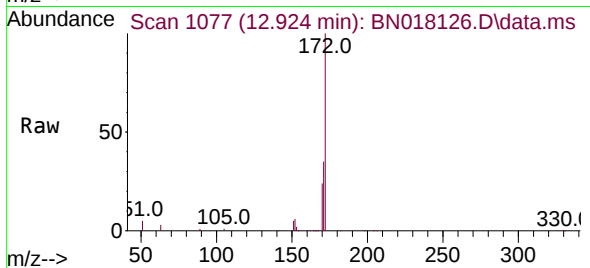




#15  
2-Fluorobiphenyl  
Concen: 0.284 ng  
RT: 12.924 min Scan# 1077  
Delta R.T. -0.000 min  
Lab File: BN018126.D  
Acq: 20 Dec 2021 17:28

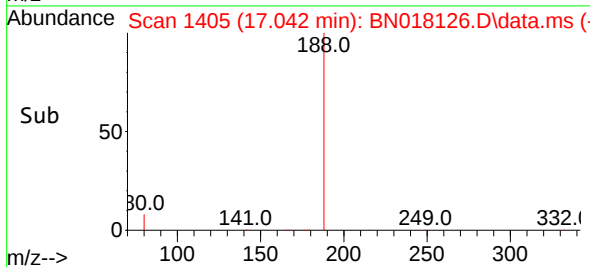
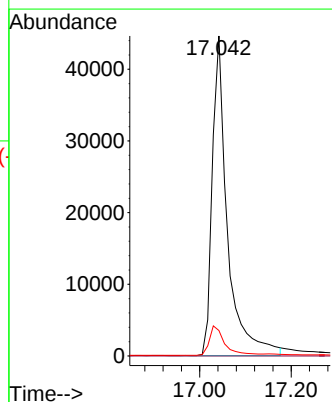
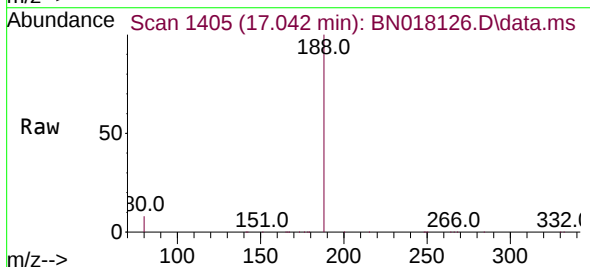
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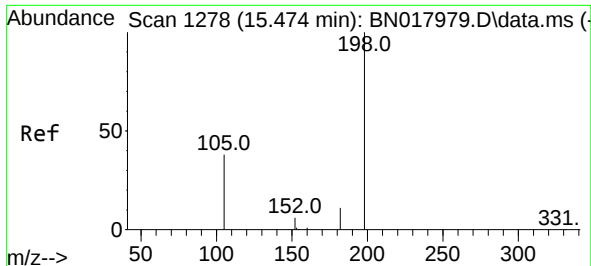
Tgt Ion:172 Resp: 55706  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.4 41.0  
170 23.7 18.4 27.6



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.042 min Scan# 1405  
Delta R.T. 0.012 min  
Lab File: BN018126.D  
Acq: 20 Dec 2021 17:28

Tgt Ion:188 Resp: 102211  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.0 7.0 10.4

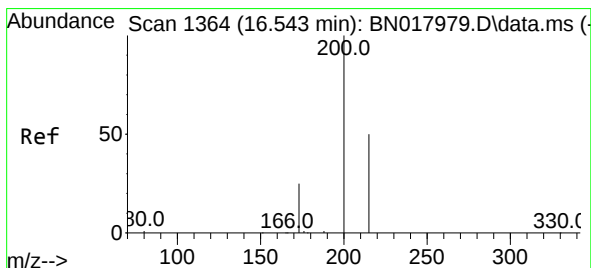
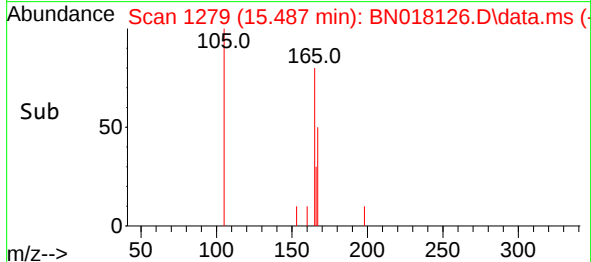
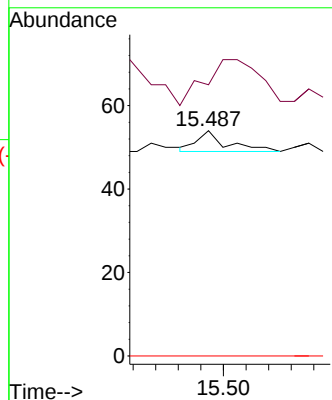
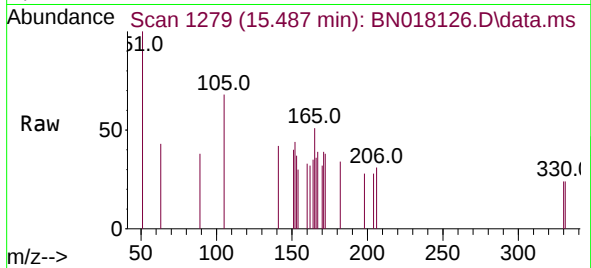




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.208 ng  
RT: 15.487 min Scan# 1279  
Delta R.T. 0.051 min  
Lab File: BN018126.D  
Acq: 20 Dec 2021 17:28

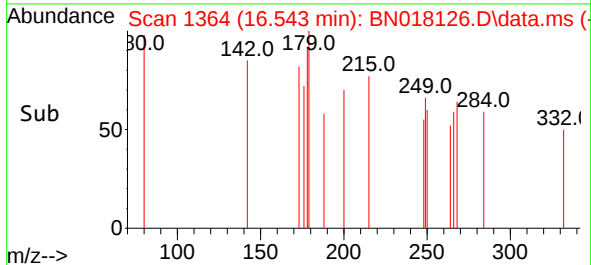
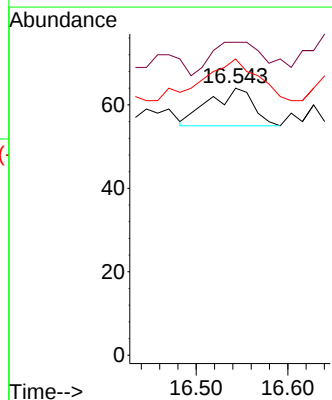
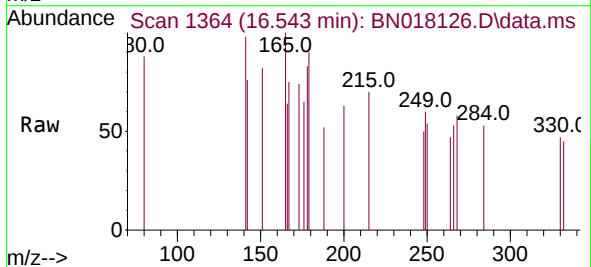
Instrument :  
BNA\_N  
ClientSampleId :

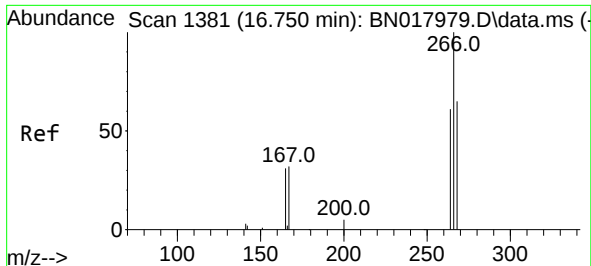
Tgt Ion:198 Resp: 9  
Ion Ratio Lower Upper  
198 100  
182 120.4 15.5 23.3#  
77 0.0 0.0 0.0



#23  
Atrazine  
Concen: 0.081 ng  
RT: 16.543 min Scan# 1364  
Delta R.T. 0.036 min  
Lab File: BN018126.D  
Acq: 20 Dec 2021 17:28

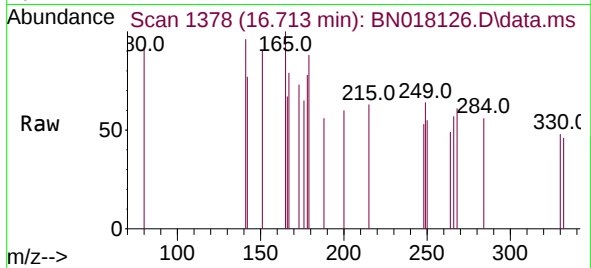
Tgt Ion:200 Resp: 30  
Ion Ratio Lower Upper  
200 100  
173 117.2 20.3 30.5#  
215 110.9 40.4 60.6#



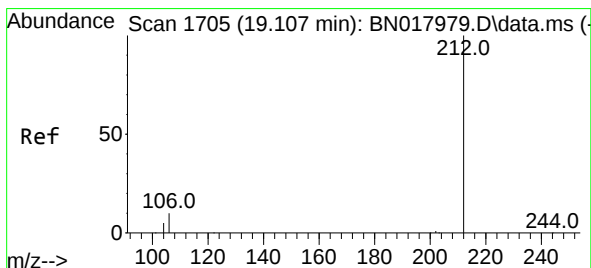
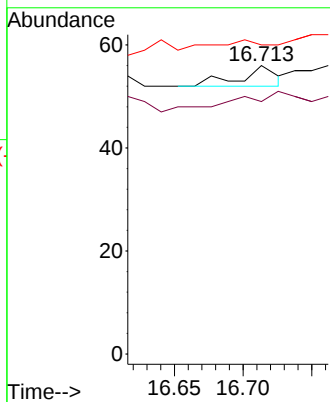
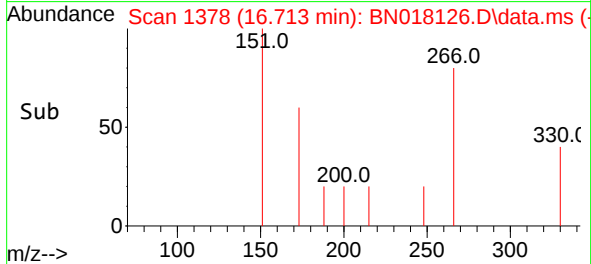


#24  
 Pentachlorophenol  
 Concen: 0.243 ng  
 RT: 16.713 min Scan# 11  
 Delta R.T. 0.012 min  
 Lab File: BN018126.D  
 Acq: 20 Dec 2021 17:28

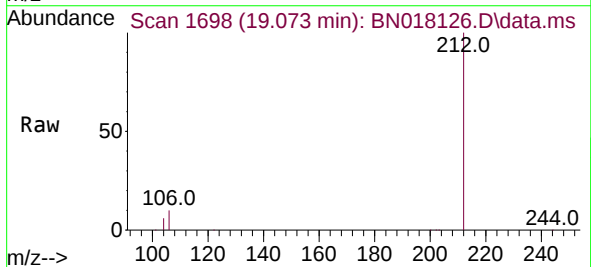
Instrument :  
 BNA\_N  
 ClientSampleId :



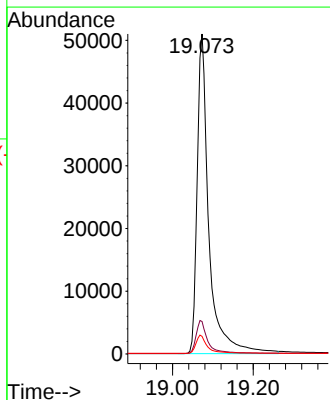
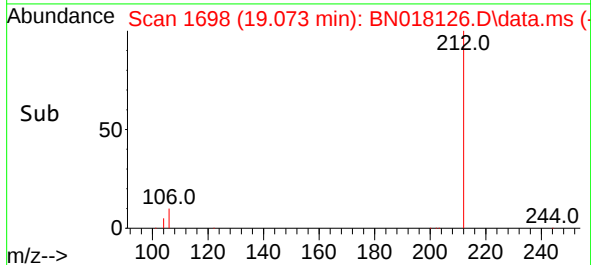
Tgt Ion:266 Resp: 7  
 Ion Ratio Lower Upper  
 266 100  
 264 128.6 49.5 74.3#  
 268 0.0 50.6 76.0#

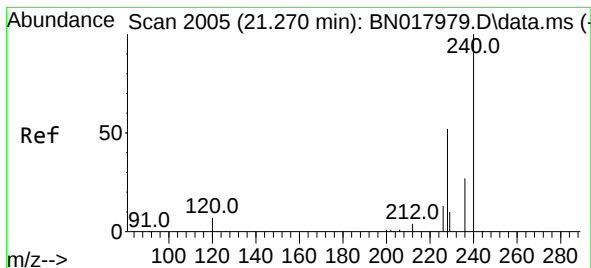


#27  
 Fluoranthene-d10  
 Concen: 0.300 ng  
 RT: 19.073 min Scan# 1698  
 Delta R.T. 0.005 min  
 Lab File: BN018126.D  
 Acq: 20 Dec 2021 17:28



Tgt Ion:212 Resp: 102424  
 Ion Ratio Lower Upper  
 212 100  
 106 10.4 8.4 12.6  
 104 5.7 4.5 6.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.238 min Scan# 2002

Delta R.T. 0.011 min

Lab File: BN018126.D

Acq: 20 Dec 2021 17:28

Instrument :

BNA\_N

ClientSampleId :

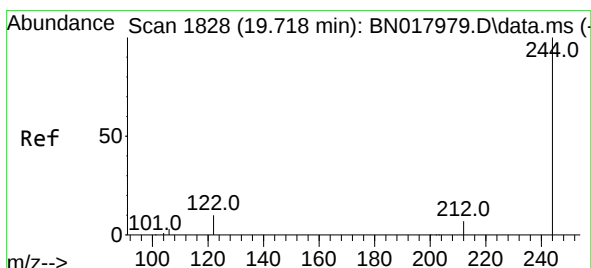
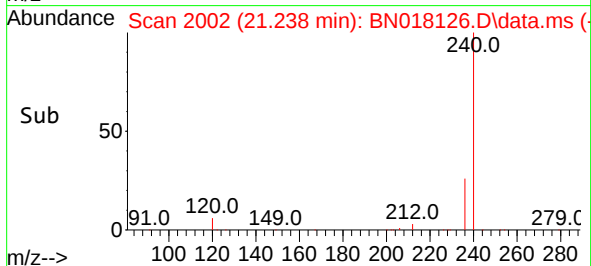
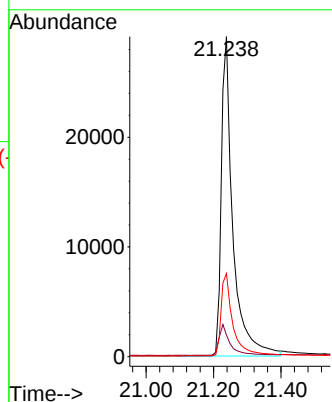
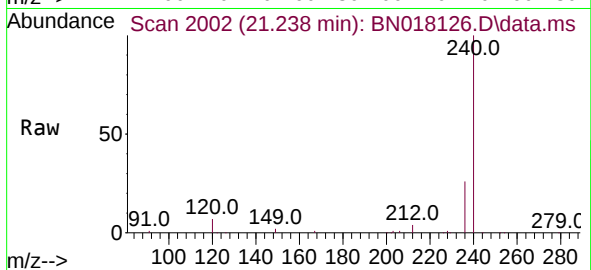
Tgt Ion:240 Resp: 68862

Ion Ratio Lower Upper

240 100

120 6.7 6.0 9.0

236 26.0 21.4 32.2



#31

Terphenyl-d14

Concen: 0.594 ng

RT: 19.679 min Scan# 1820

Delta R.T. 0.005 min

Lab File: BN018126.D

Acq: 20 Dec 2021 17:28

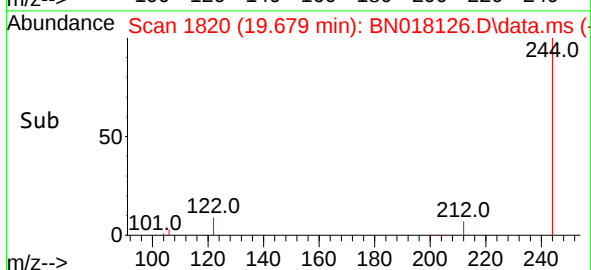
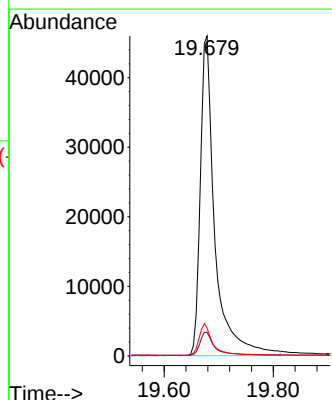
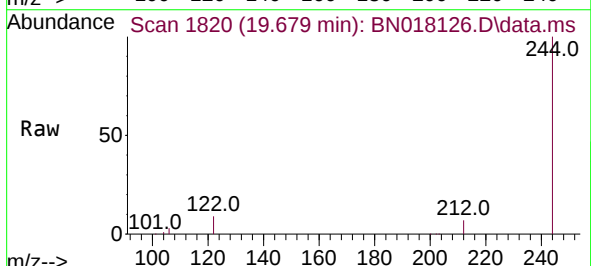
Tgt Ion:244 Resp: 85249

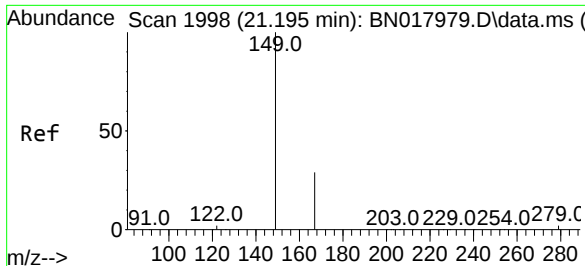
Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

122 8.7 7.9 11.9

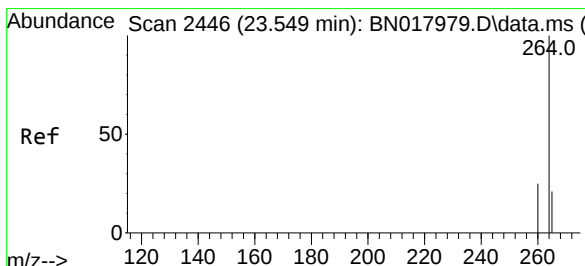
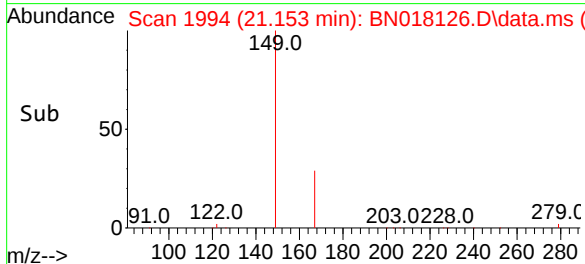
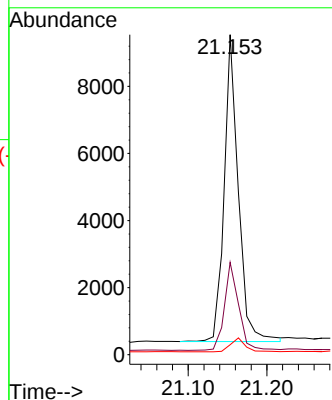
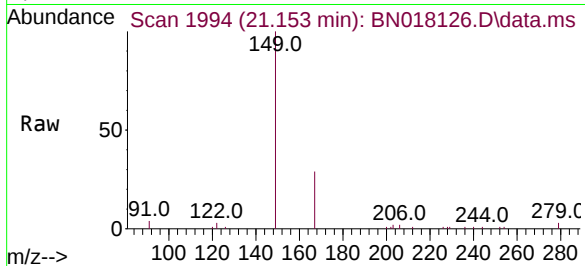




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.112 ng  
RT: 21.153 min Scan# 1994  
Delta R.T. -0.000 min  
Lab File: BN018126.D  
Acq: 20 Dec 2021 17:28

Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:149 Resp: 11391  
Ion Ratio Lower Upper  
149 100  
167 28.8 23.7 35.5  
279 4.8 3.6 5.4



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.488 min Scan# 2428  
Delta R.T. 0.014 min  
Lab File: BN018126.D  
Acq: 20 Dec 2021 17:28

Tgt Ion:264 Resp: 41958  
Ion Ratio Lower Upper  
264 100  
260 25.3 20.2 30.4  
265 29.5 18.2 27.2#

