

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122921\  
 Data File : BN018287.D  
 Acq On : 30 Dec 2021 08:01  
 Operator : CG/JU  
 Sample : M5212-03  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Dec 30 16:04:49 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN122921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 29 16:08:47 2021  
 Response via : Initial Calibration

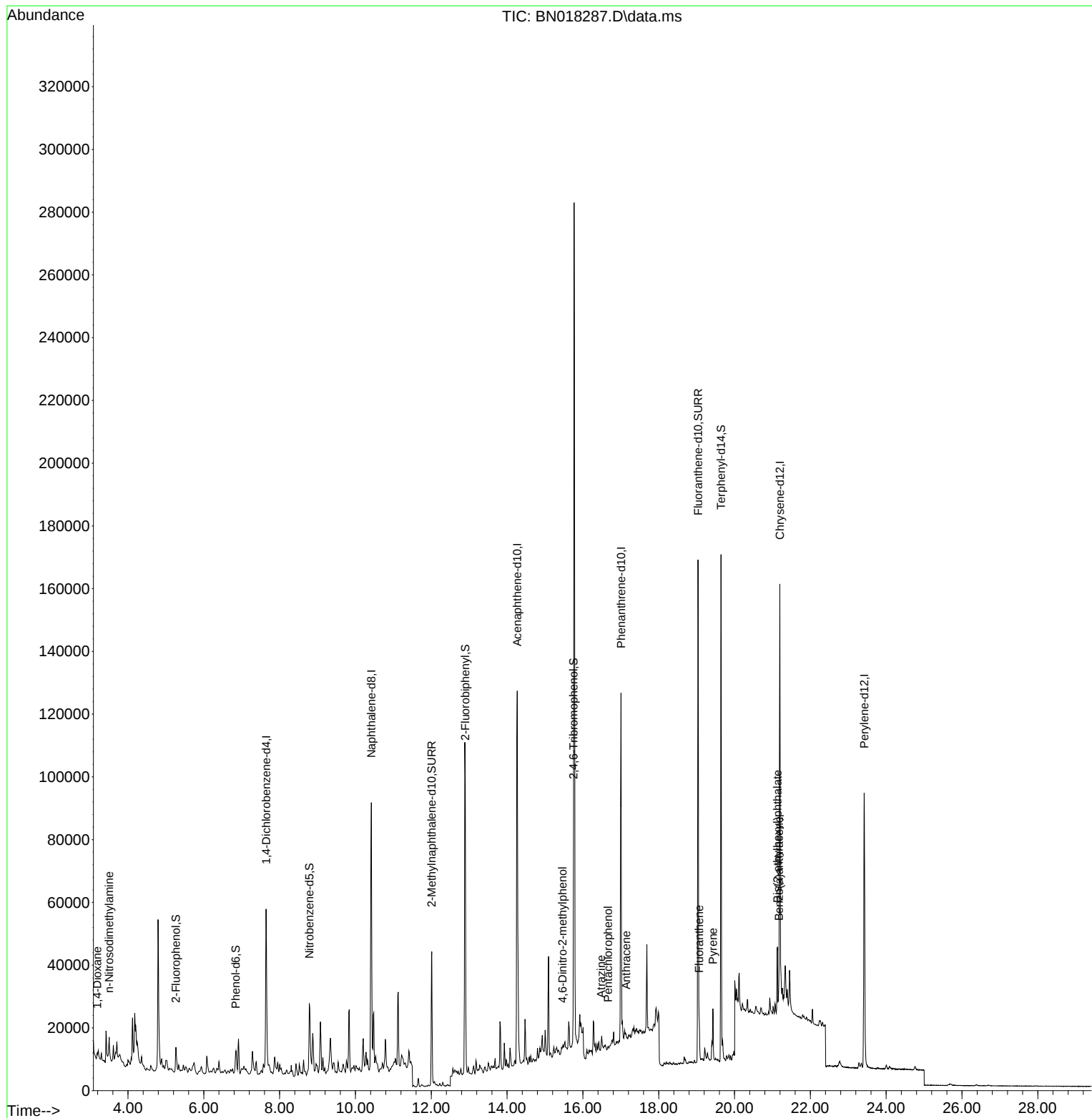
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.642  | 152  | 31285    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.419 | 136  | 121675   | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.268 | 164  | 78278    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.005 | 188  | 156654   | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.195 | 240  | 133168   | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.419 | 264  | 116464   | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.263  | 112  | 9334     | 0.149 | ng    | 0.02     |
| 5) Phenol-d6                  | 6.840  | 99   | 4711     | 0.078 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.784  | 82   | 24860    | 0.412 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.011 | 152  | 61769    | 0.302 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.753 | 330  | 16882    | 0.708 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.898 | 172  | 102778   | 0.347 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.038 | 212  | 187293   | 0.376 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.643 | 244  | 166378   | 0.492 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.188  | 88   | 715      | 0.040 | ng    | # 39     |
| 3) n-Nitrosodimethylamine     | 3.502  | 42   | 930      | 0.036 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.461 | 198  | 260      | 0.284 | ng    | # 1      |
| 23) Atrazine                  | 16.482 | 200  | 683      | 0.144 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.664 | 266  | 508      | 0.212 | ng    | # 75     |
| 26) Anthracene                | 17.139 | 178  | 2680     | 0.050 | ng    | # 49     |
| 28) Fluoranthene              | 19.067 | 202  | 10661    | 0.022 | ng    | 95       |
| 30) Pyrene                    | 19.430 | 202  | 15115    | 0.029 | ng    | # 94     |
| 32) Benzo(a)anthracene        | 21.174 | 228  | 1774     | 0.060 | ng    | # 13     |
| 34) Bis(2-ethylhexyl)phtha... | 21.131 | 149  | 25278    | 0.152 | ng    | 94       |
| -----                         |        |      |          |       |       |          |

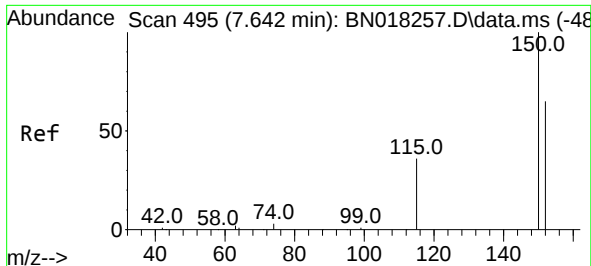
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122921\  
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Sample : M5212-03  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

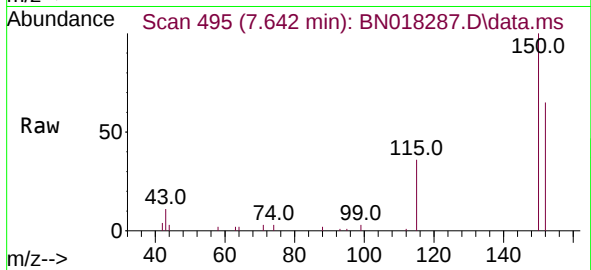
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN122921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 29 16:08:47 2021  
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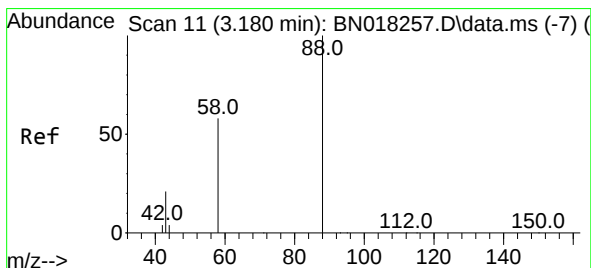
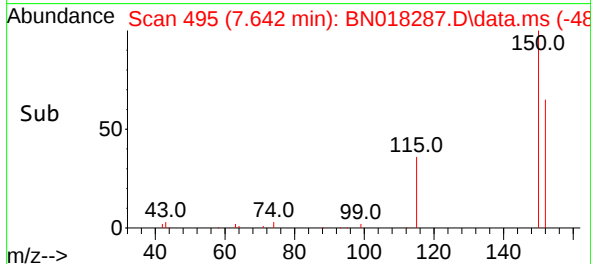
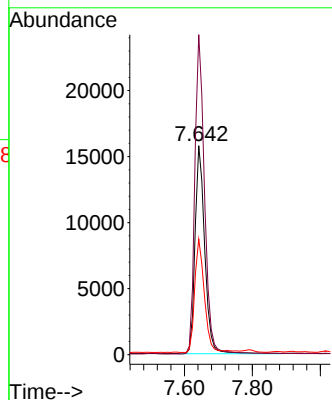


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.642 min Scan# 495  
 Delta R.T. 0.000 min  
 Lab File: BN018287.D  
 Acq: 30 Dec 2021 08:01

Instrument :  
 BNA\_N  
 ClientSampleId :

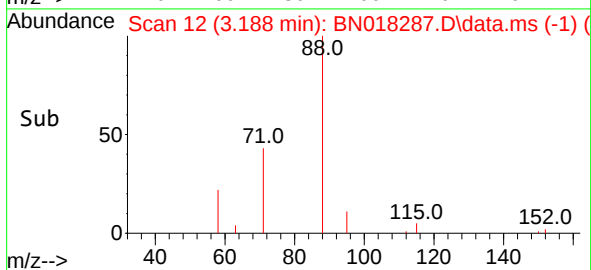
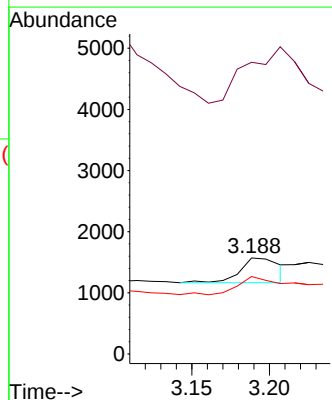
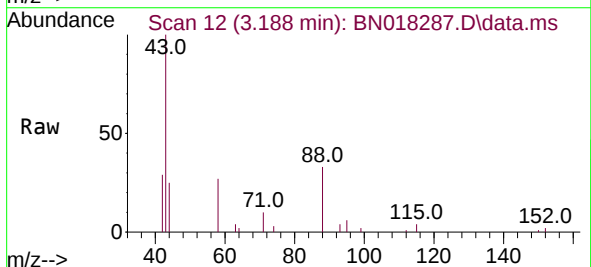


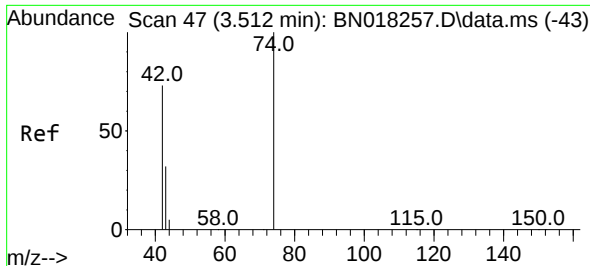
Tgt Ion:152 Resp: 31285  
 Ion Ratio Lower Upper  
 152 100  
 150 153.1 121.7 182.5  
 115 55.3 43.8 65.8



#2  
 1,4-Dioxane  
 Concen: 0.040 ng  
 RT: 3.188 min Scan# 12  
 Delta R.T. 0.009 min  
 Lab File: BN018287.D  
 Acq: 30 Dec 2021 08:01

Tgt Ion: 88 Resp: 715  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 69.7 104.5#  
 58 69.8 83.8 125.8#

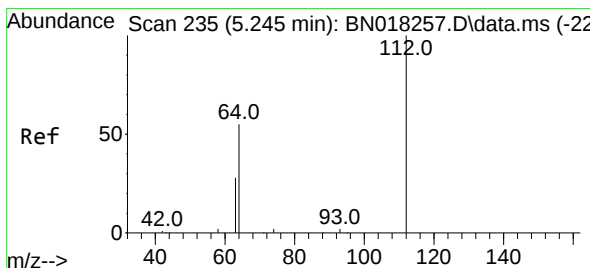
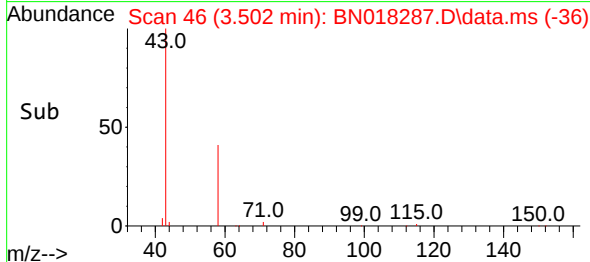
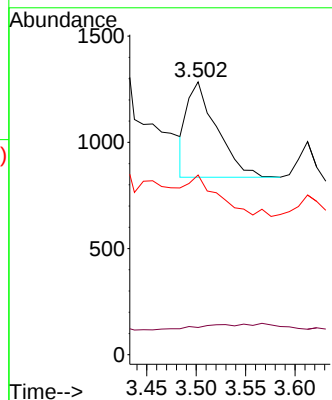
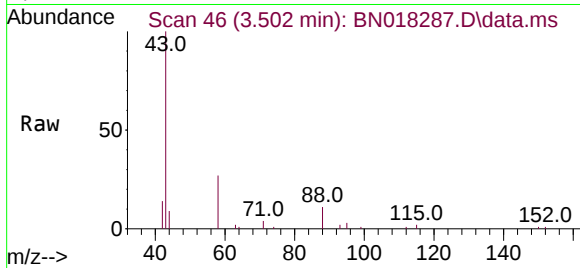




#3  
n-Nitrosodimethylamine  
Concen: 0.036 ng  
RT: 3.502 min Scan# 41  
Delta R.T. -0.010 min  
Lab File: BN018287.D  
Acq: 30 Dec 2021 08:01

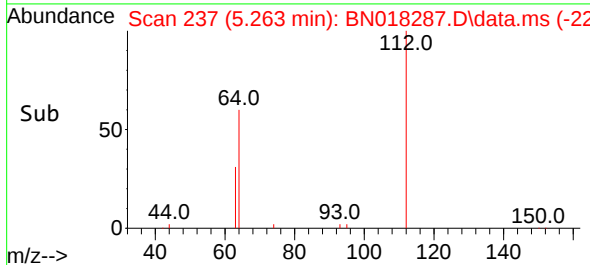
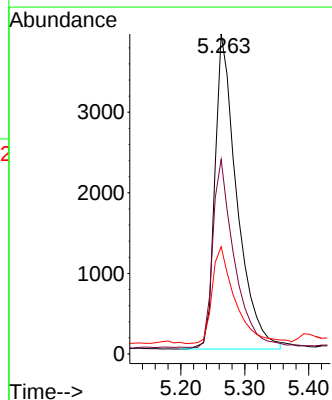
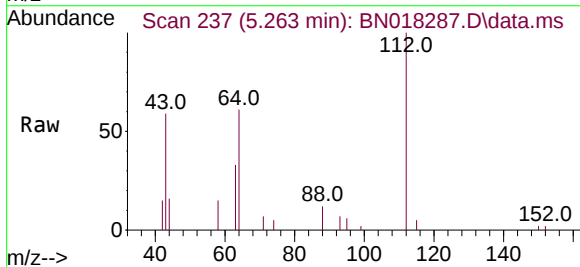
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BNA\_N  
ClientSampleId :

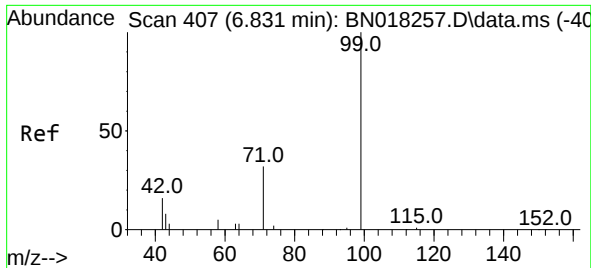
Tgt Ion: 42 Resp: 930  
Ion Ratio Lower Upper  
42 100  
74 0.0 108.6 163.0#  
44 46.1 5.8 8.8#



#4  
2-Fluorophenol  
Concen: 0.149 ng  
RT: 5.263 min Scan# 237  
Delta R.T. 0.018 min  
Lab File: BN018287.D  
Acq: 30 Dec 2021 08:01

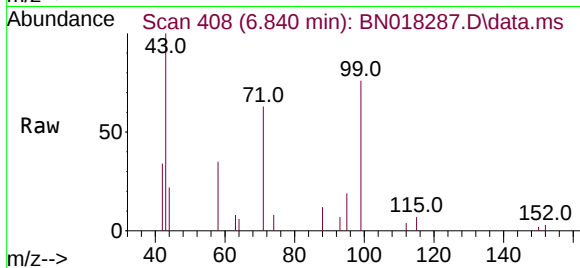
Tgt Ion: 112 Resp: 9334  
Ion Ratio Lower Upper  
112 100  
64 58.2 48.0 72.0  
63 31.8 25.3 37.9



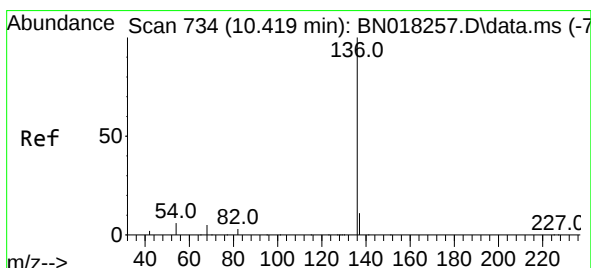
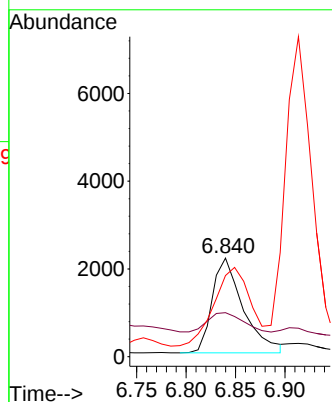
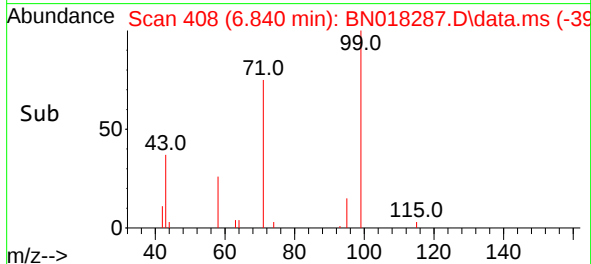


#5  
Phenol-d6  
Concen: 0.078 ng  
RT: 6.840 min Scan# 407  
Delta R.T. 0.009 min  
Lab File: BN018287.D  
Acq: 30 Dec 2021 08:01

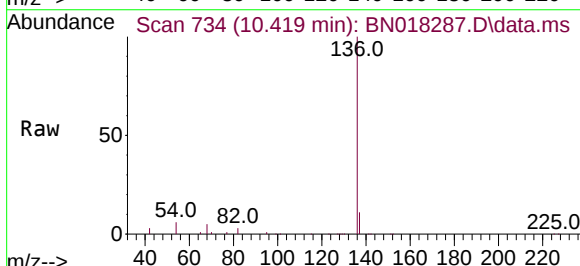
Instrument :  
BNA\_N  
ClientSampleId :



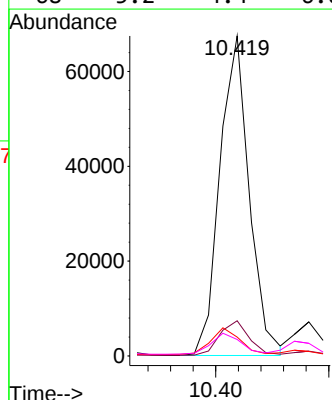
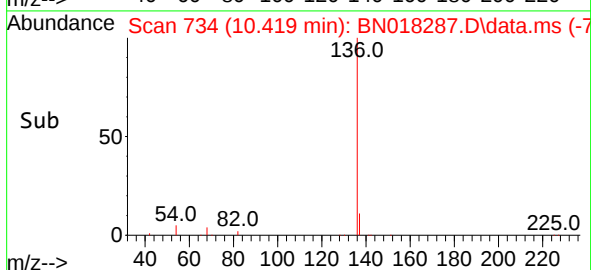
Tgt Ion: 99 Resp: 4711  
Ion Ratio Lower Upper  
99 100  
42 22.8 16.3 24.5  
71 97.0 26.8 40.2#

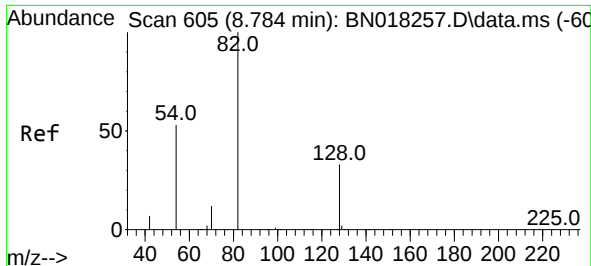


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.419 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: BN018287.D  
Acq: 30 Dec 2021 08:01



Tgt Ion: 136 Resp: 121675  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 5.9 5.0 7.6  
68 5.2 4.4 6.6

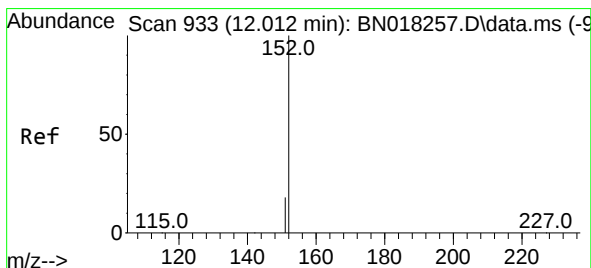
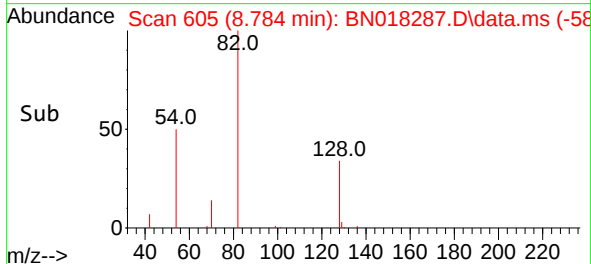
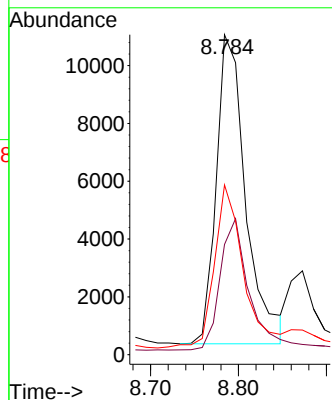
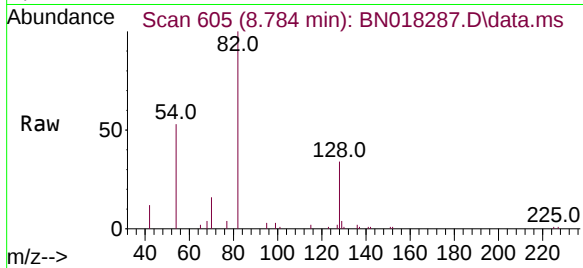




#8  
Nitrobenzene-d5  
Concen: 0.412 ng  
RT: 8.784 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: BN018287.D  
Acq: 30 Dec 2021 08:01

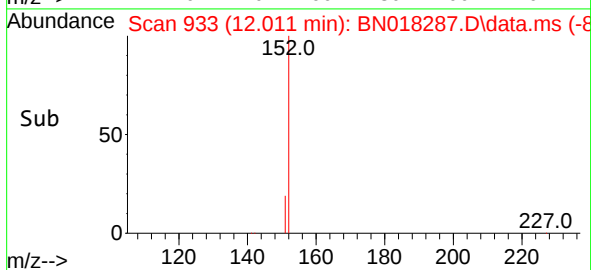
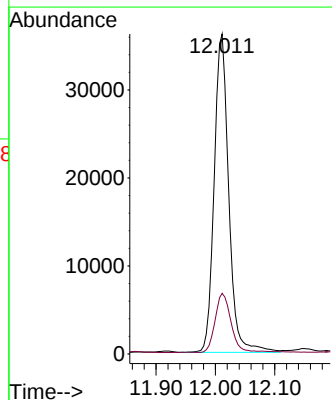
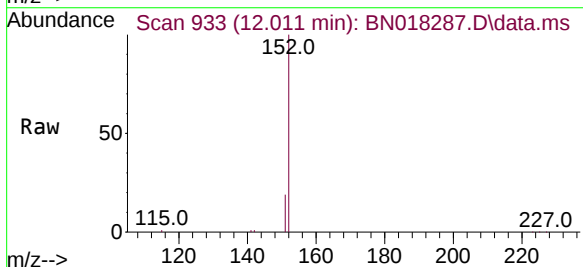
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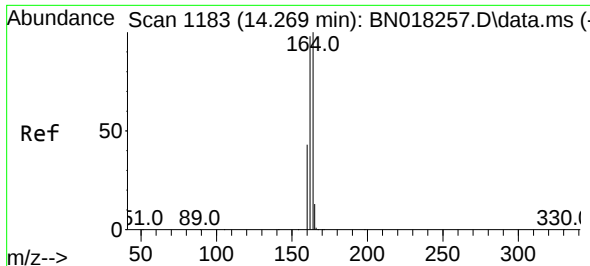
Tgt Ion: 82 Resp: 24860  
Ion Ratio Lower Upper  
82 100  
128 34.5 33.7 50.5  
54 53.0 36.6 55.0



#11  
2-Methylnaphthalene-d10  
Concen: 0.302 ng  
RT: 12.011 min Scan# 933  
Delta R.T. -0.000 min  
Lab File: BN018287.D  
Acq: 30 Dec 2021 08:01

Tgt Ion: 152 Resp: 61769  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.2 24.2

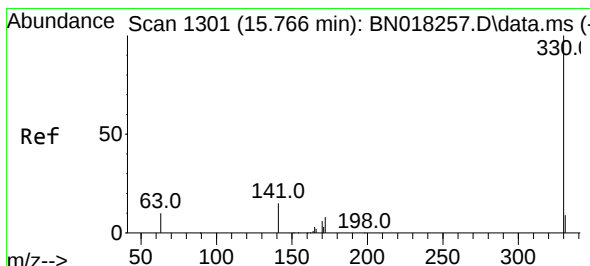
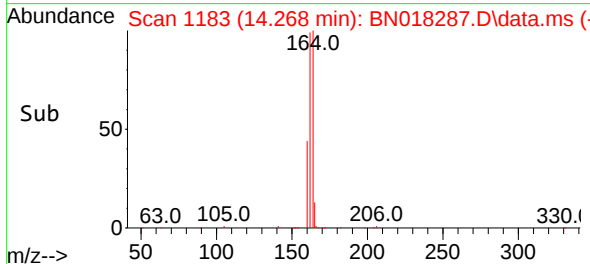
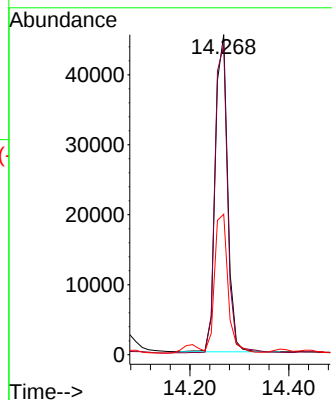
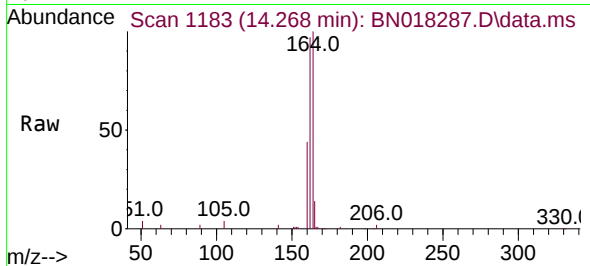




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.268 min Scan# 1183  
Delta R.T. -0.001 min  
Lab File: BN018287.D  
Acq: 30 Dec 2021 08:01

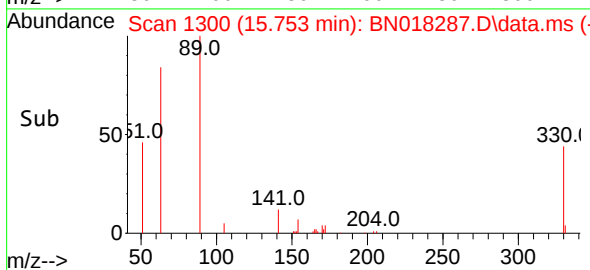
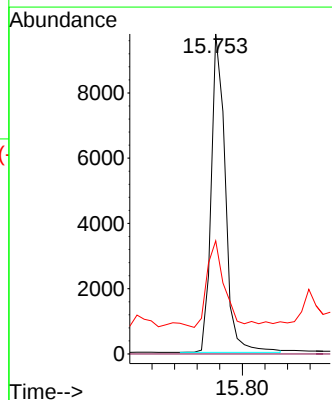
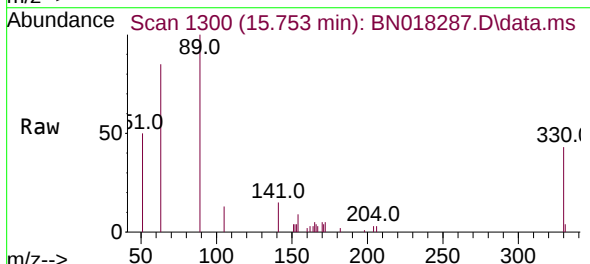
Instrument :  
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ClientSampleId :

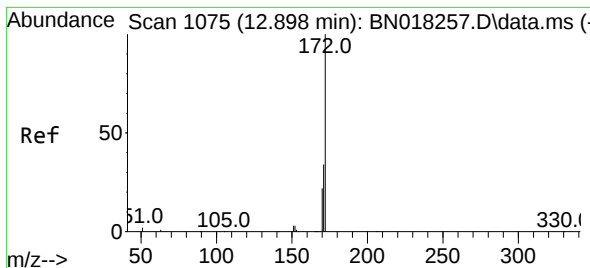
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Ion Ratio Lower Upper  
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162 96.9 80.2 120.2  
160 43.9 36.9 55.3



#14  
2,4,6-Tribromophenol  
Concen: 0.708 ng  
RT: 15.753 min Scan# 1300  
Delta R.T. -0.013 min  
Lab File: BN018287.D  
Acq: 30 Dec 2021 08:01

Tgt Ion:330 Resp: 16882  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 33.2 21.3 31.9#

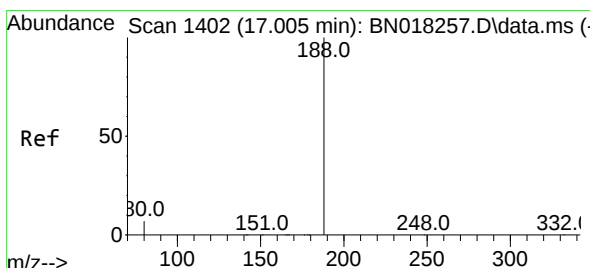
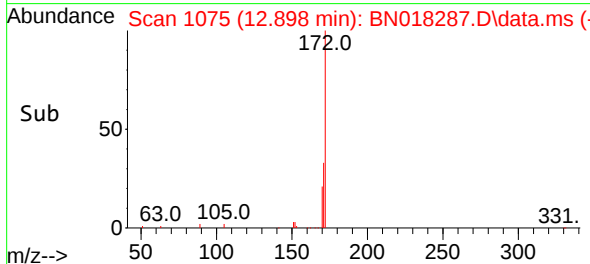
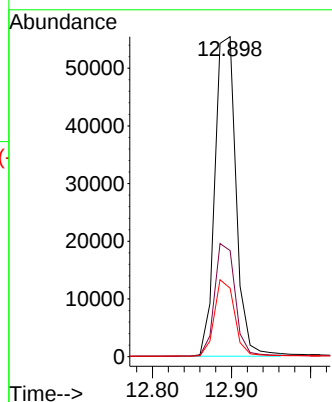
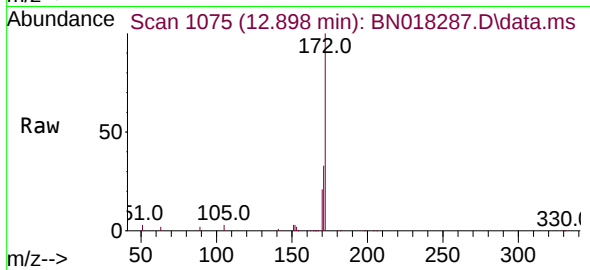




#15  
2-Fluorobiphenyl  
Concen: 0.347 ng  
RT: 12.898 min Scan# 1075  
Delta R.T. -0.000 min  
Lab File: BN018287.D  
Acq: 30 Dec 2021 08:01

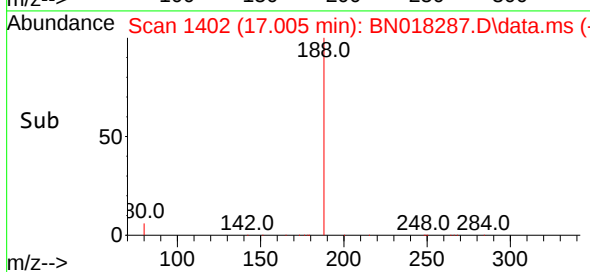
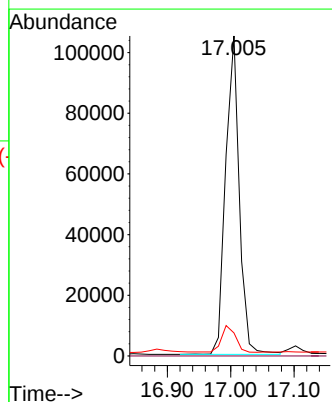
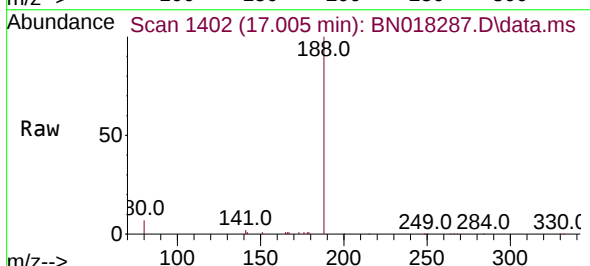
Instrument :  
BNA\_N  
ClientSampleId :

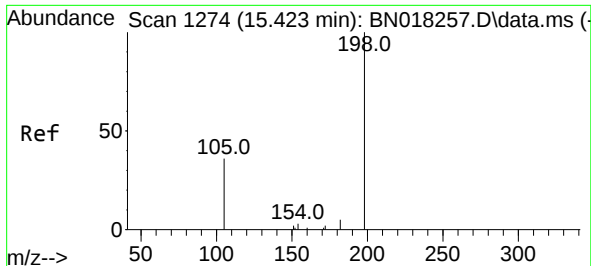
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Ion Ratio Lower Upper  
172 100  
171 33.1 27.4 41.0  
170 21.4 18.4 27.6



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.005 min Scan# 1402  
Delta R.T. 0.000 min  
Lab File: BN018287.D  
Acq: 30 Dec 2021 08:01

Tgt Ion:188 Resp: 156654  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 7.2 7.0 10.4

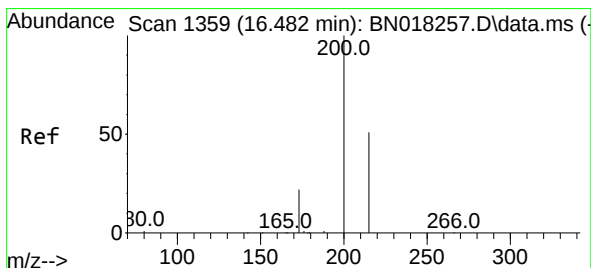
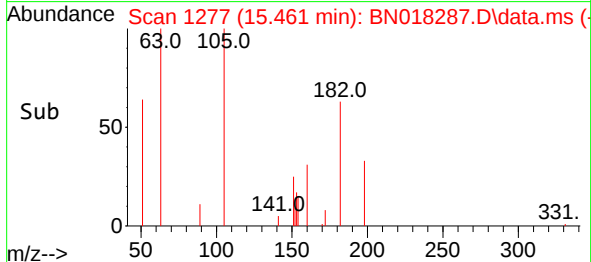
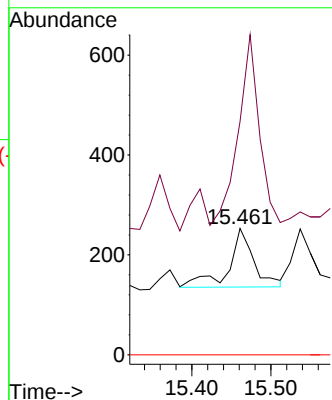
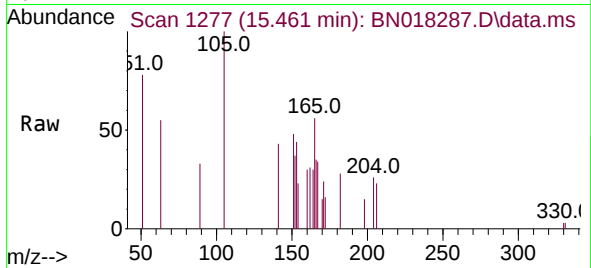




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.284 ng  
RT: 15.461 min Scan# 11  
Delta R.T. 0.038 min  
Lab File: BN018287.D  
Acq: 30 Dec 2021 08:01

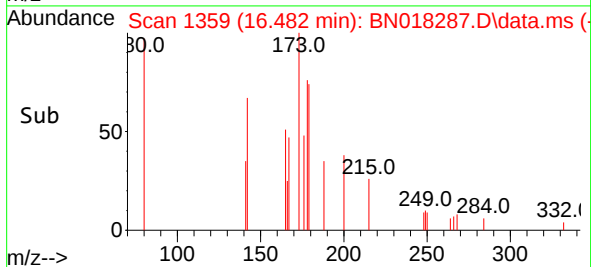
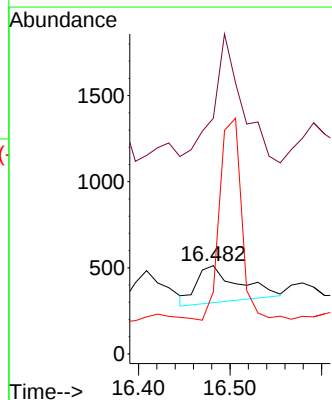
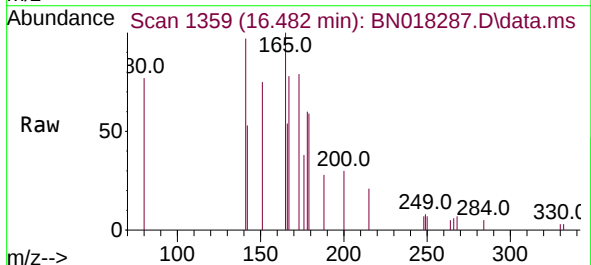
Instrument :  
BNA\_N  
ClientSampleId :

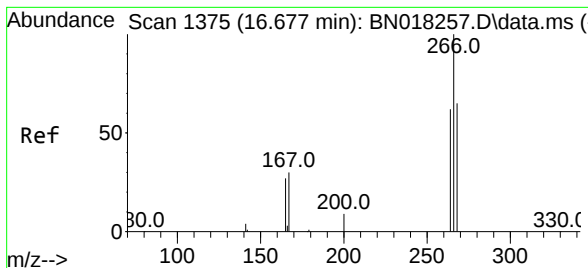
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198 100  
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77 0.0 0.0 0.0



#23  
Atrazine  
Concen: 0.144 ng  
RT: 16.482 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: BN018287.D  
Acq: 30 Dec 2021 08:01

Tgt Ion:200 Resp: 683  
Ion Ratio Lower Upper  
200 100  
173 266.7 20.3 30.5#  
215 70.0 40.4 60.6#





#24

Pentachlorophenol

Concen: 0.212 ng

RT: 16.664 min Scan# 1374

Delta R.T. -0.013 min

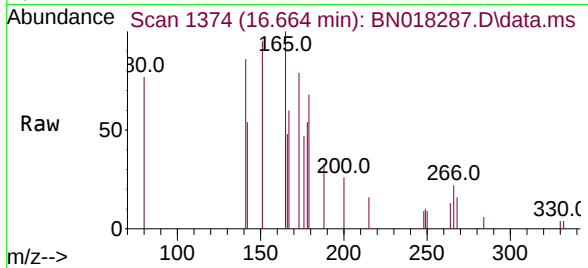
Lab File: BN018287.D

Acq: 30 Dec 2021 08:01

Instrument :

BNA\_N

ClientSampleId :



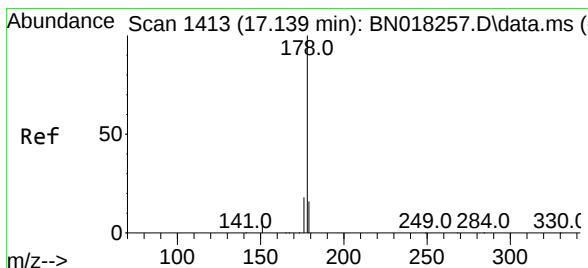
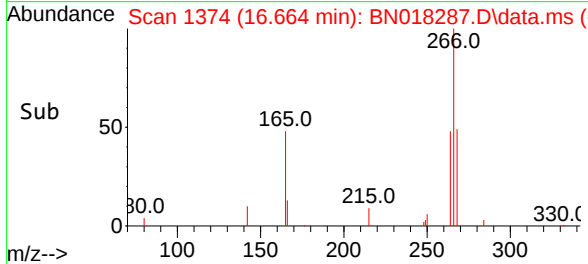
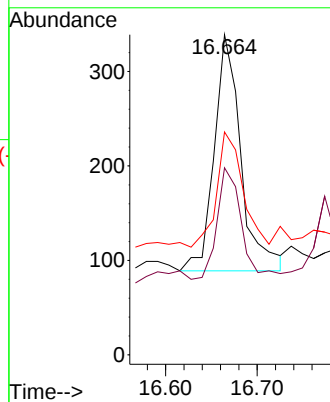
Tgt Ion:266 Resp: 508

Ion Ratio Lower Upper

266 100

264 43.1 49.5 74.3#

268 44.1 50.6 76.0#



#26

Anthracene

Concen: 0.050 ng

RT: 17.139 min Scan# 1413

Delta R.T. -0.000 min

Lab File: BN018287.D

Acq: 30 Dec 2021 08:01

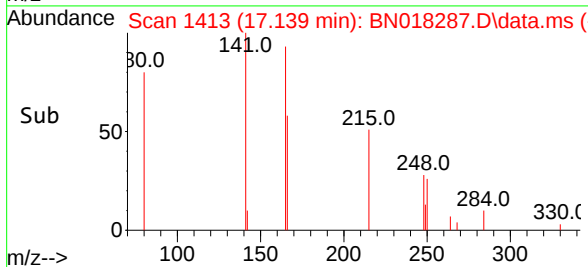
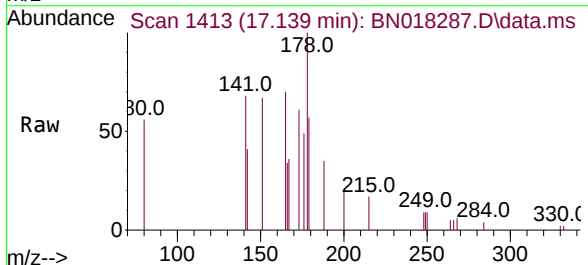
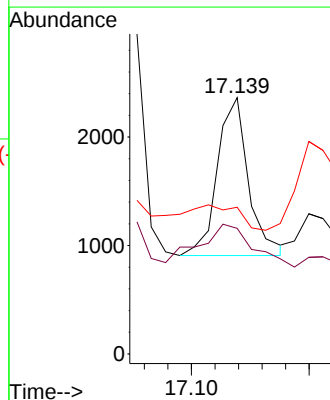
Tgt Ion:178 Resp: 2680

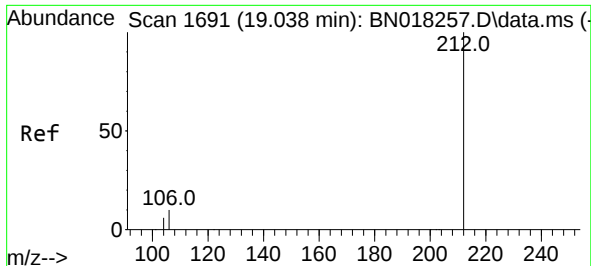
Ion Ratio Lower Upper

178 100

176 46.9 14.8 22.2#

179 0.0 12.2 18.4#

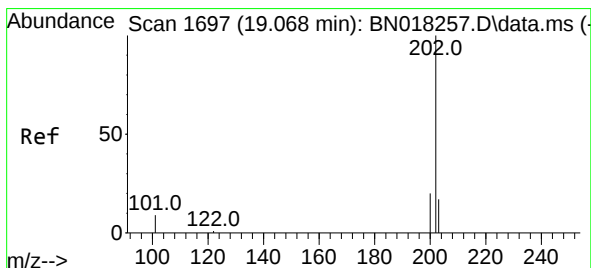
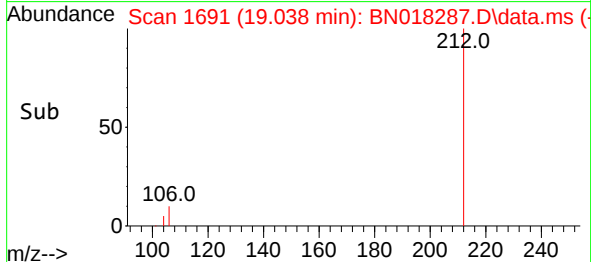
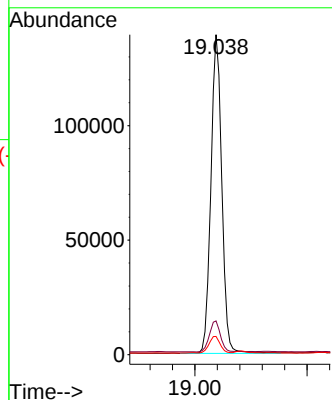
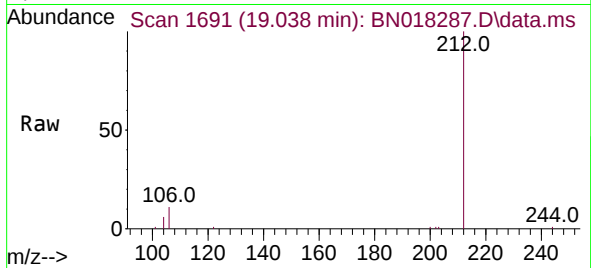




#27  
Fluoranthene-d10  
Concen: 0.376 ng  
RT: 19.038 min Scan# 1691  
Delta R.T. -0.000 min  
Lab File: BN018287.D  
Acq: 30 Dec 2021 08:01

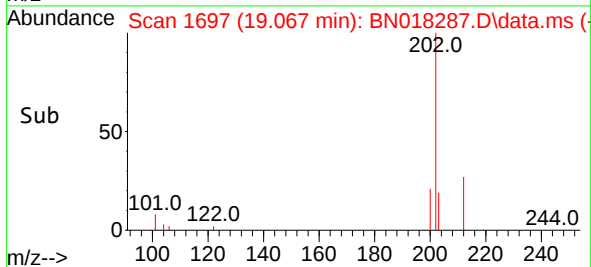
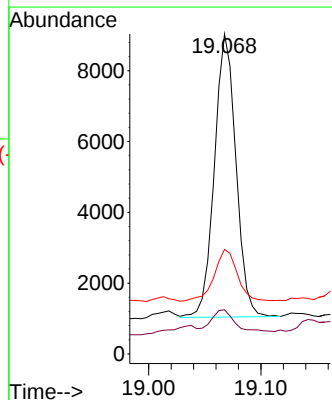
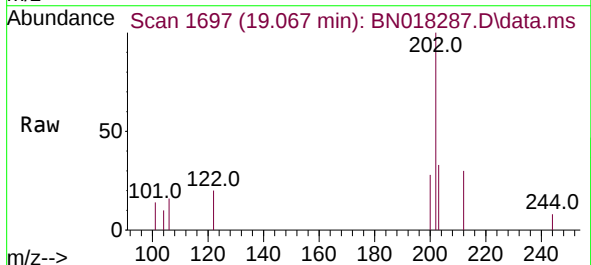
Instrument :  
BNA\_N  
ClientSampleId :

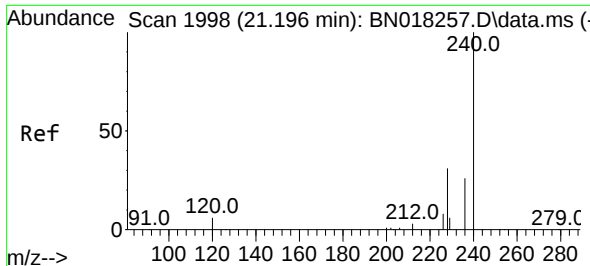
Tgt Ion:212 Resp: 187293  
Ion Ratio Lower Upper  
212 100  
106 9.9 8.4 12.6  
104 5.2 4.5 6.7



#28  
Fluoranthene  
Concen: 0.022 ng  
RT: 19.067 min Scan# 1697  
Delta R.T. -0.000 min  
Lab File: BN018287.D  
Acq: 30 Dec 2021 08:01

Tgt Ion:202 Resp: 10661  
Ion Ratio Lower Upper  
202 100  
101 8.2 7.2 10.8  
203 19.6 13.7 20.5

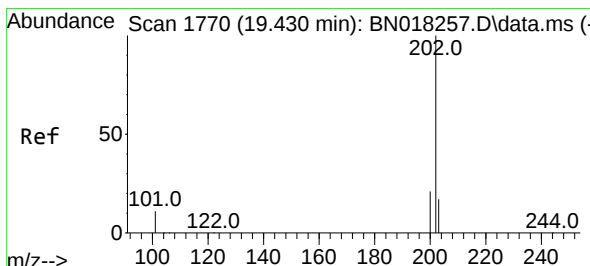
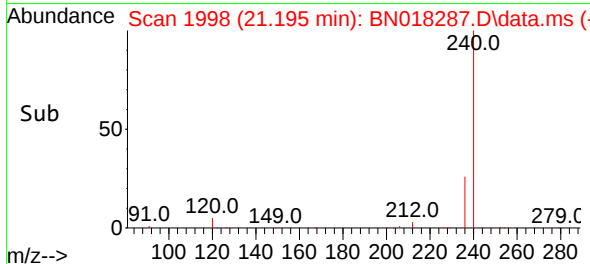
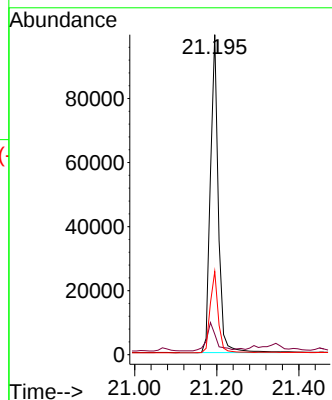
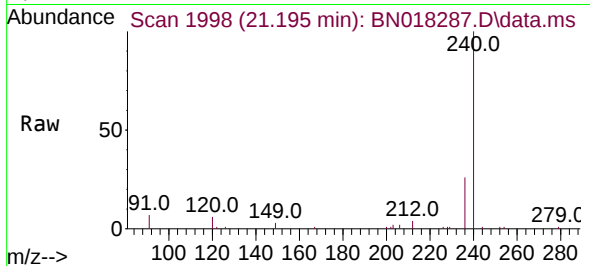




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.195 min Scan# 1998  
Delta R.T. -0.001 min  
Lab File: BN018287.D  
Acq: 30 Dec 2021 08:01

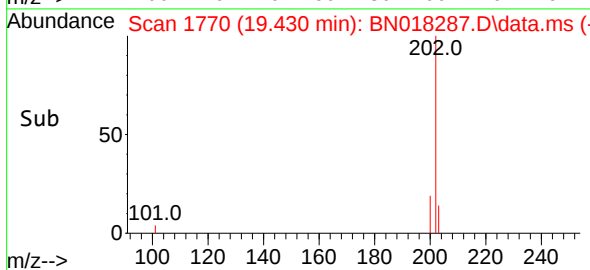
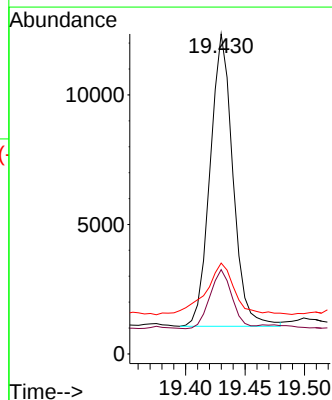
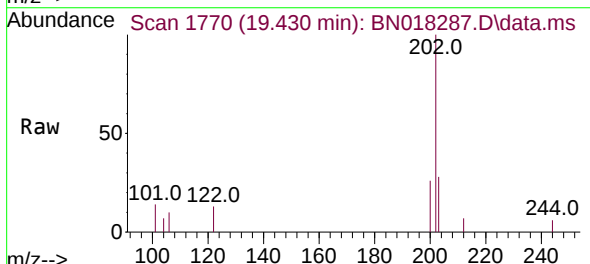
Instrument :  
BNA\_N  
ClientSampleId :

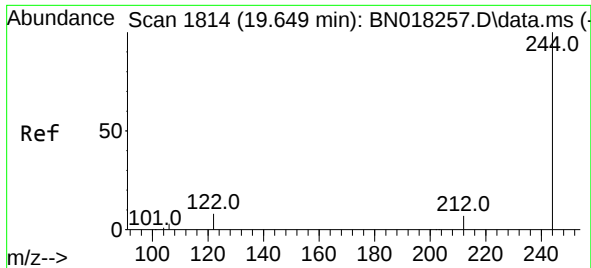
Tgt Ion:240 Resp: 133168  
Ion Ratio Lower Upper  
240 100  
120 6.4 6.0 9.0  
236 26.0 21.4 32.2



#30  
Pyrene  
Concen: 0.029 ng  
RT: 19.430 min Scan# 1770  
Delta R.T. -0.000 min  
Lab File: BN018287.D  
Acq: 30 Dec 2021 08:01

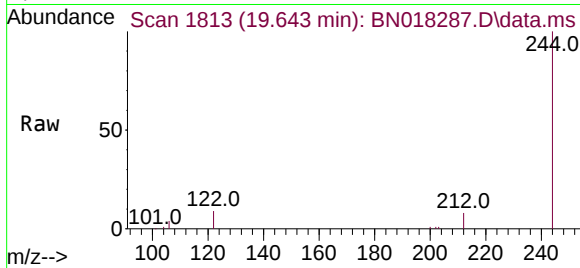
Tgt Ion:202 Resp: 15115  
Ion Ratio Lower Upper  
202 100  
200 19.8 16.6 25.0  
203 22.5 14.1 21.1#



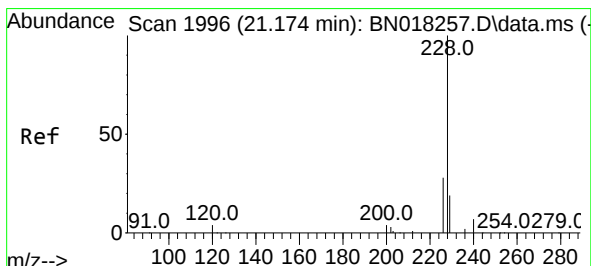
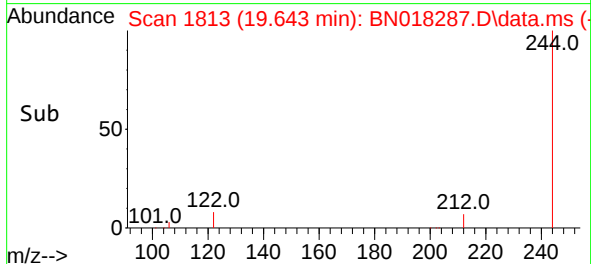
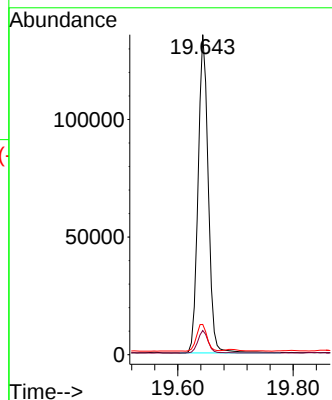


#31  
 Terphenyl-d14  
 Concen: 0.492 ng  
 RT: 19.643 min Scan# 1814  
 Delta R.T. -0.005 min  
 Lab File: BN018287.D  
 Acq: 30 Dec 2021 08:01

Instrument :  
 BNA\_N  
 ClientSampleId :

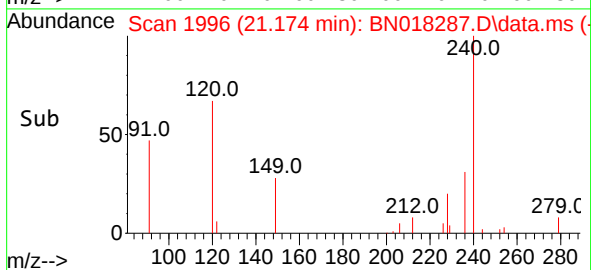
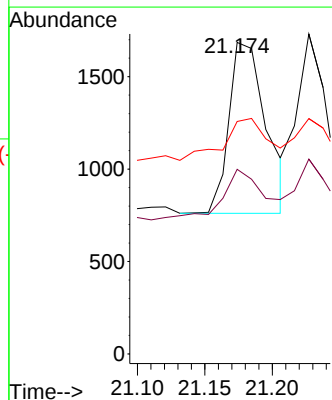
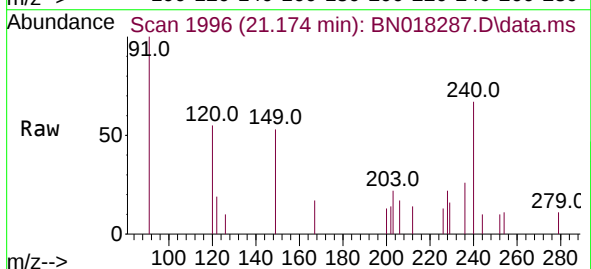


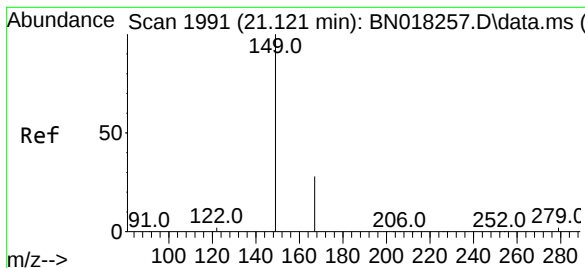
Tgt Ion:244 Resp: 166378  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.2 9.2  
 122 9.5 7.9 11.9



#32  
 Benzo(a)anthracene  
 Concen: 0.060 ng  
 RT: 21.174 min Scan# 1996  
 Delta R.T. -0.000 min  
 Lab File: BN018287.D  
 Acq: 30 Dec 2021 08:01

Tgt Ion:228 Resp: 1774  
 Ion Ratio Lower Upper  
 228 100  
 226 59.3 21.3 31.9#  
 229 74.7 15.9 23.9#

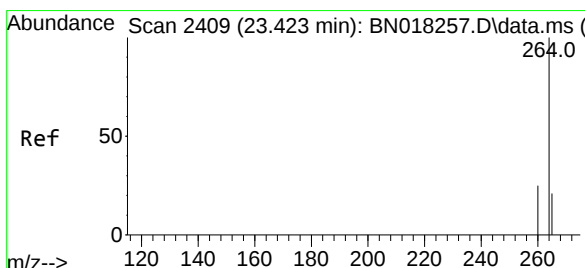
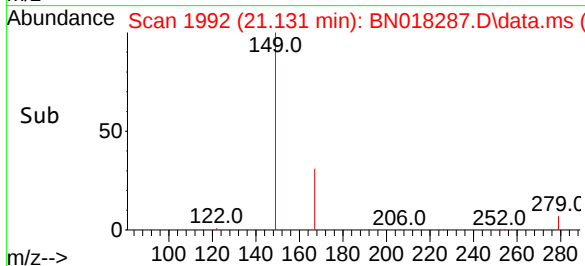
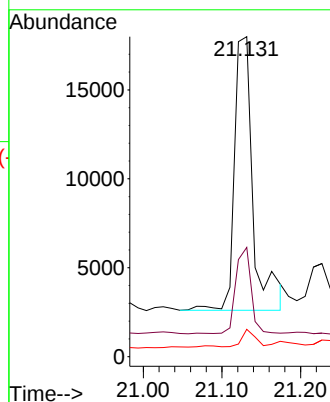
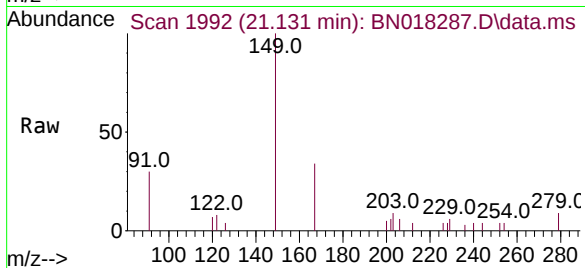




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.152 ng  
RT: 21.131 min Scan# 1992  
Delta R.T. 0.010 min  
Lab File: BN018287.D  
Acq: 30 Dec 2021 08:01

Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:149 Resp: 25278  
Ion Ratio Lower Upper  
149 100  
167 26.2 23.7 35.5  
279 4.7 3.6 5.4



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.419 min Scan# 2408  
Delta R.T. -0.004 min  
Lab File: BN018287.D  
Acq: 30 Dec 2021 08:01

Tgt Ion:264 Resp: 116464  
Ion Ratio Lower Upper  
264 100  
260 25.3 20.2 30.4  
265 26.3 18.2 27.2

