

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122021\  
 Data File : BN018125.D  
 Acq On : 20 Dec 2021 16:52  
 Operator : CG/JU  
 Sample : M5155-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Dec 20 17:34:56 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

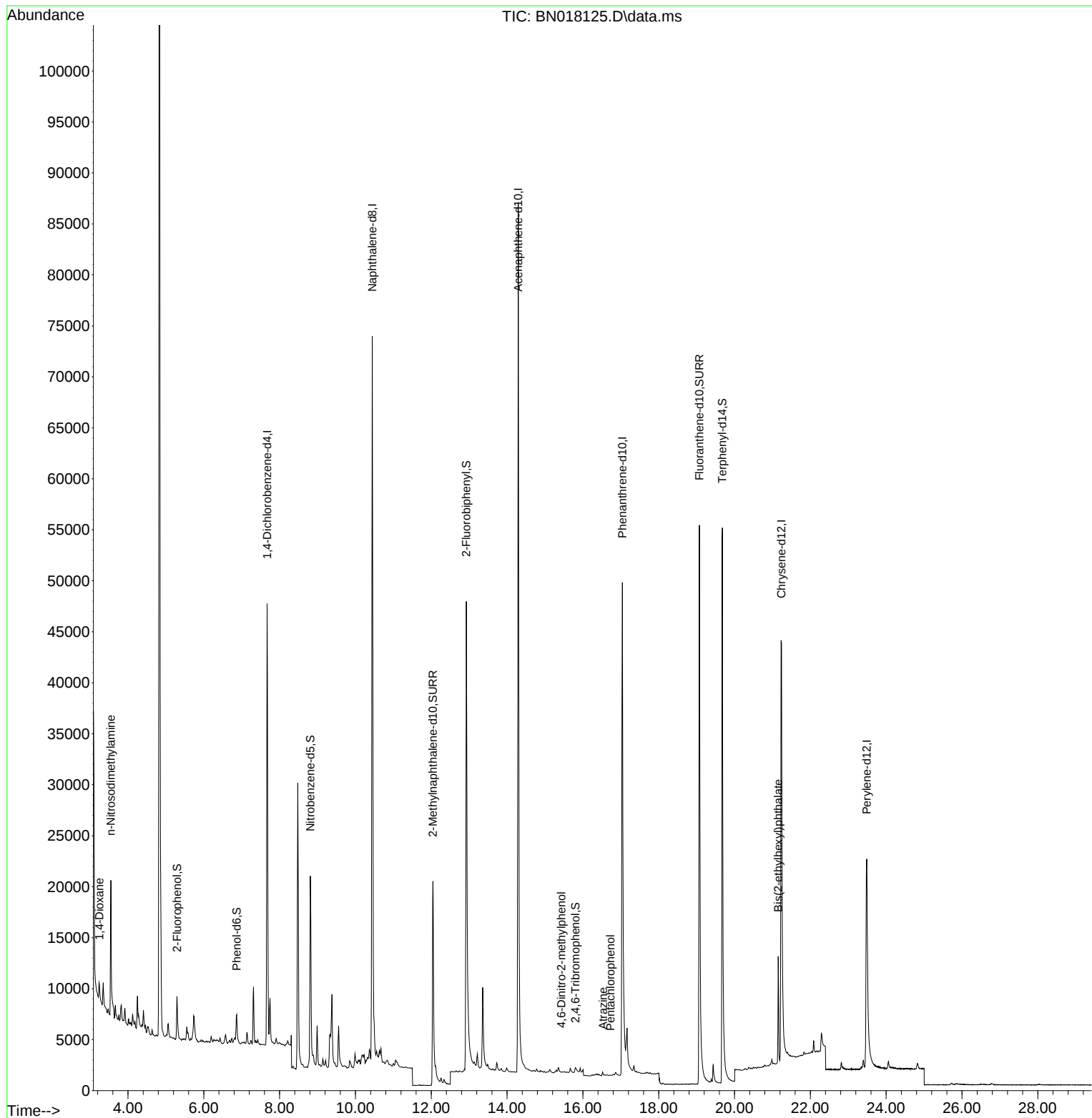
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.670  | 152  | 24355    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.444 | 136  | 99130    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.294 | 164  | 58153    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.042 | 188  | 103447   | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12              | 21.238 | 240  | 71033    | 0.400 | ng    | 0.01     |
| 35) Perylene-d12              | 23.488 | 264  | 46066    | 0.400 | ng    | # 0.01   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.291  | 112  | 3700     | 0.070 | ng    | 0.02     |
| 5) Phenol-d6                  | 6.868  | 99   | 3068     | 0.058 | ng    | 0.02     |
| 8) Nitrobenzene-d5            | 8.809  | 82   | 18734    | 0.266 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.042 | 152  | 39958    | 0.243 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.804 | 330  | 660      | 0.207 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 12.924 | 172  | 57336    | 0.283 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.073 | 212  | 94491    | 0.273 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.678 | 244  | 82085    | 0.554 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.244  | 88   | 654      | 0.043 | ng    | # 75     |
| 3) n-Nitrosodimethylamine     | 3.548  | 42   | 1311     | 0.058 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.436 | 198  | 3        | 0.208 | ng    | # 1      |
| 23) Atrazine                  | 16.530 | 200  | 17       | 0.081 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.725 | 266  | 77       | 0.247 | ng    | # 78     |
| 34) Bis(2-ethylhexyl)phtha... | 21.153 | 149  | 9965     | 0.095 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

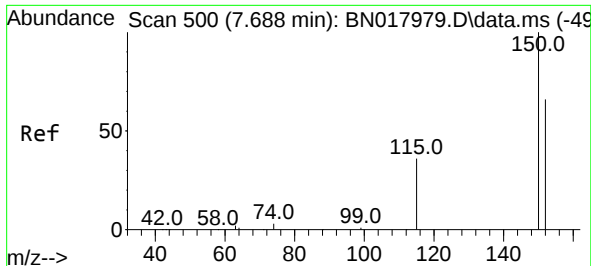
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122021\  
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Sample : M5155-02  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

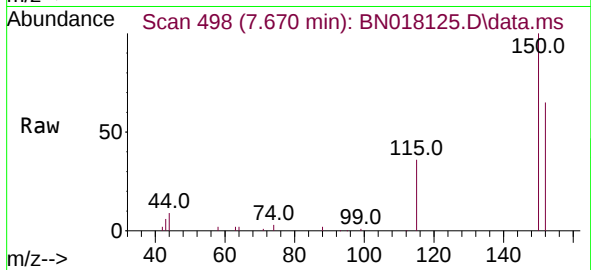
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN121421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 20 14:16:44 2021  
Response via : Initial Calibration



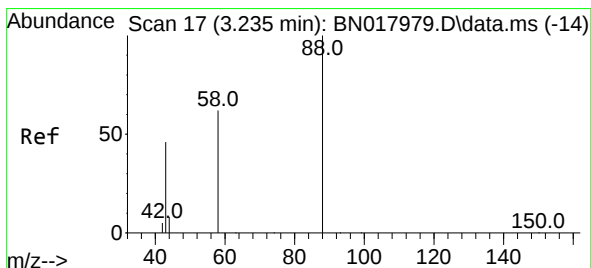
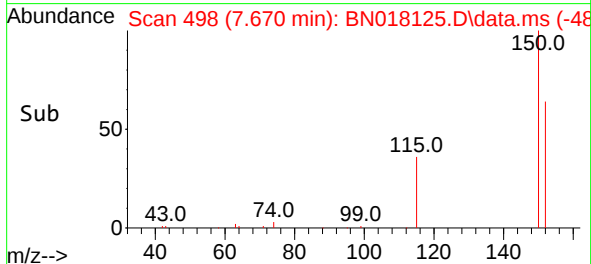
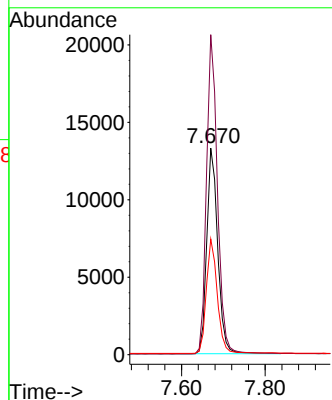


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.670 min Scan# 49  
 Delta R.T. -0.000 min  
 Lab File: BN018125.D  
 Acq: 20 Dec 2021 16:52

Instrument :  
 BNA\_N  
 ClientSampleId :

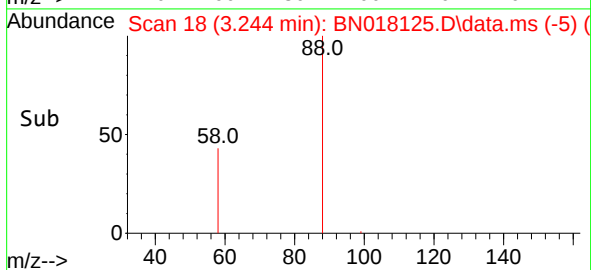
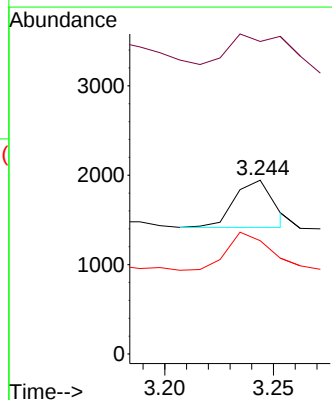
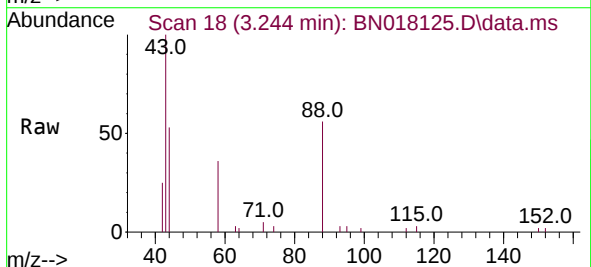


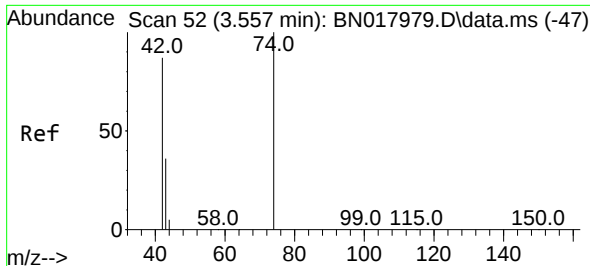
Tgt Ion:152 Resp: 24355  
 Ion Ratio Lower Upper  
 152 100  
 150 154.9 121.7 182.5  
 115 56.0 43.8 65.8



#2  
 1,4-Dioxane  
 Concen: 0.043 ng  
 RT: 3.244 min Scan# 18  
 Delta R.T. 0.018 min  
 Lab File: BN018125.D  
 Acq: 20 Dec 2021 16:52

Tgt Ion: 88 Resp: 654  
 Ion Ratio Lower Upper  
 88 100  
 43 56.7 69.7 104.5#  
 58 86.2 83.8 125.8

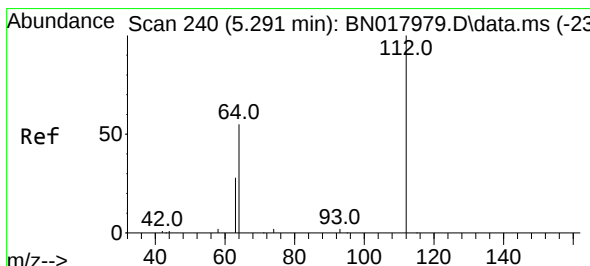
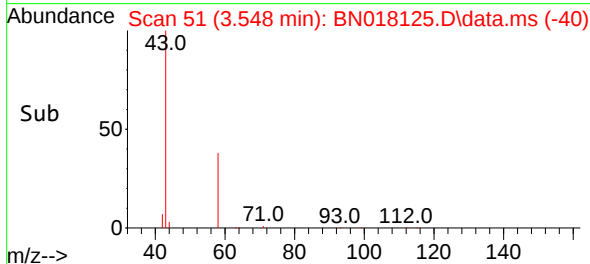
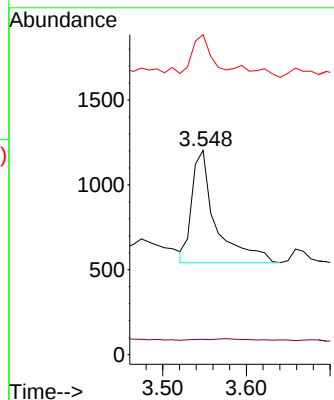
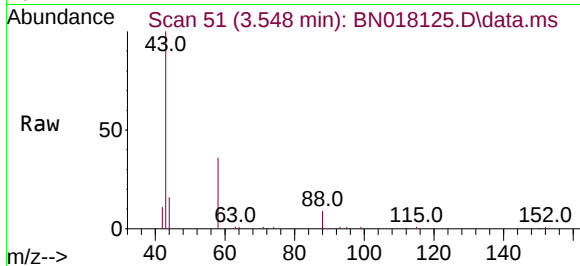




#3  
 n-Nitrosodimethylamine  
 Concen: 0.058 ng  
 RT: 3.548 min Scan# 51  
 Delta R.T. -0.000 min  
 Lab File: BN018125.D  
 Acq: 20 Dec 2021 16:52

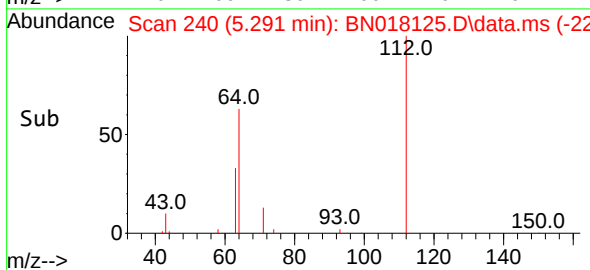
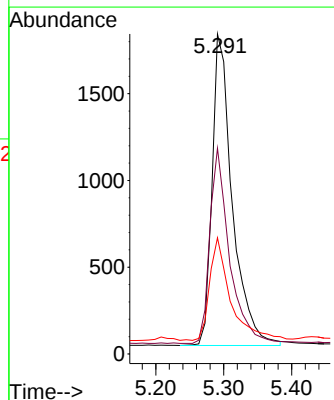
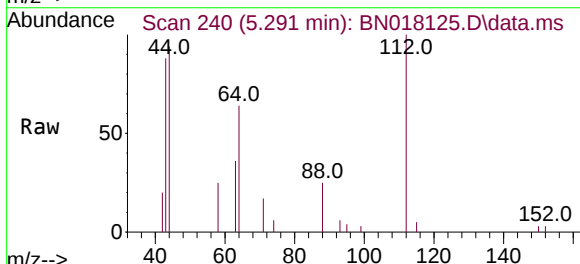
Instrument :  
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 ClientSampleId :

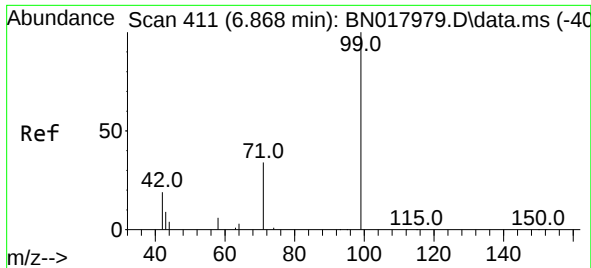
Tgt Ion: 42 Resp: 1311  
 Ion Ratio Lower Upper  
 42 100  
 74 0.0 108.6 163.0#  
 44 26.2 5.8 8.8#



#4  
 2-Fluorophenol  
 Concen: 0.070 ng  
 RT: 5.291 min Scan# 240  
 Delta R.T. 0.018 min  
 Lab File: BN018125.D  
 Acq: 20 Dec 2021 16:52

Tgt Ion: 112 Resp: 3700  
 Ion Ratio Lower Upper  
 112 100  
 64 60.8 48.0 72.0  
 63 33.9 25.3 37.9

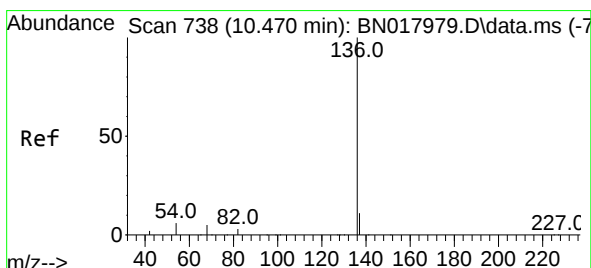
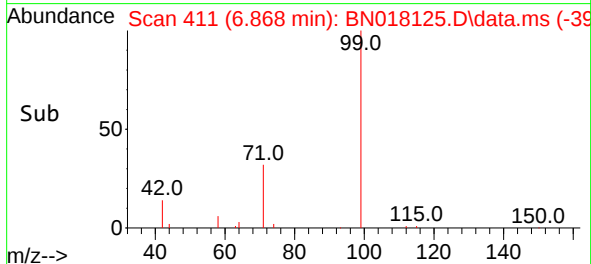
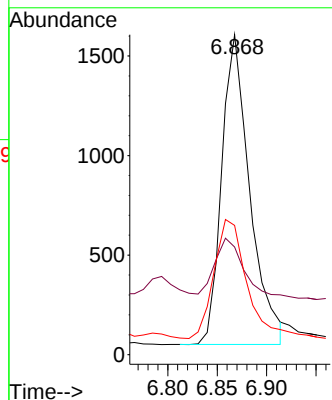
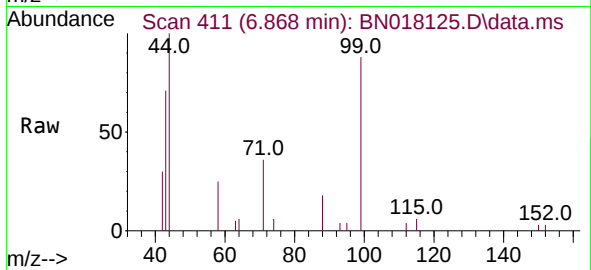




#5  
Phenol-d6  
Concen: 0.058 ng  
RT: 6.868 min Scan# 411  
Delta R.T. 0.018 min  
Lab File: BN018125.D  
Acq: 20 Dec 2021 16:52

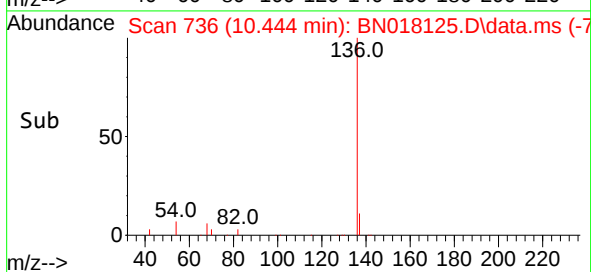
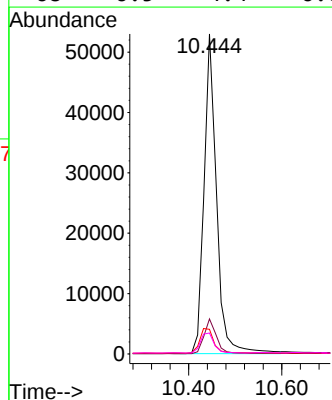
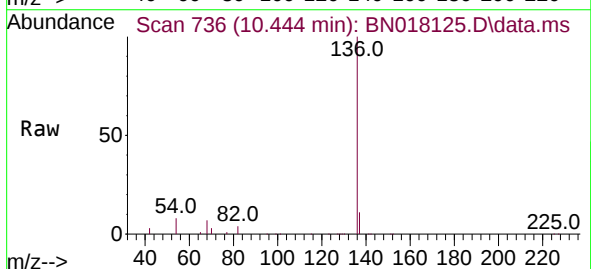
Instrument :  
BNA\_N  
ClientSampleId :

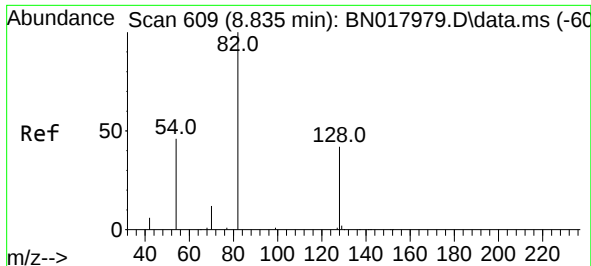
Tgt Ion: 99 Resp: 3068  
Ion Ratio Lower Upper  
99 100  
42 17.3 16.3 24.5  
71 44.1 26.8 40.2#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.444 min Scan# 736  
Delta R.T. -0.000 min  
Lab File: BN018125.D  
Acq: 20 Dec 2021 16:52

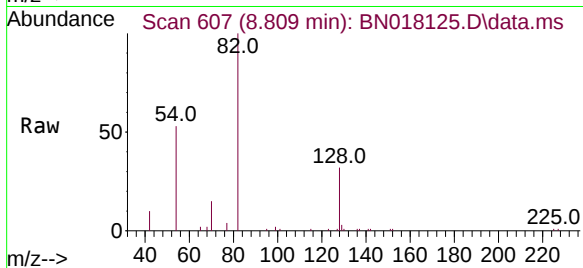
Tgt Ion:136 Resp: 99130  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 7.7 5.0 7.6#  
68 6.5 4.4 6.6



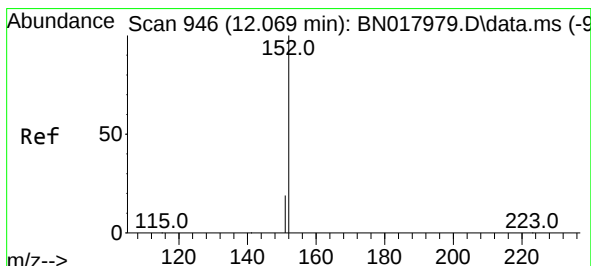
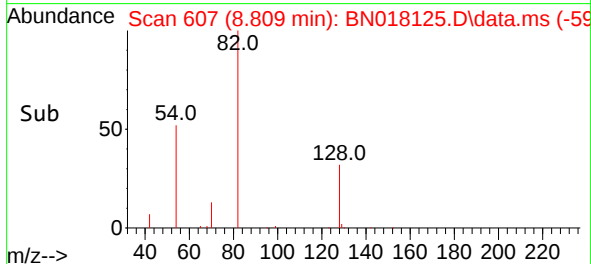
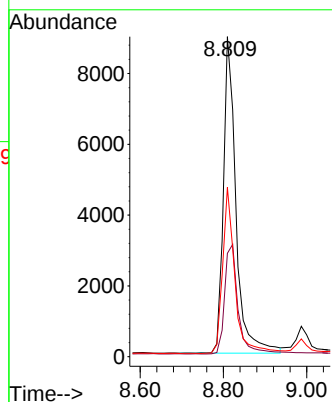


#8  
Nitrobenzene-d5  
Concen: 0.266 ng  
RT: 8.809 min Scan# 609  
Delta R.T. -0.000 min  
Lab File: BN018125.D  
Acq: 20 Dec 2021 16:52

Instrument :  
BNA\_N  
ClientSampleId :

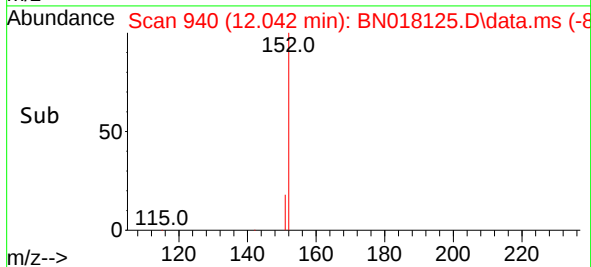
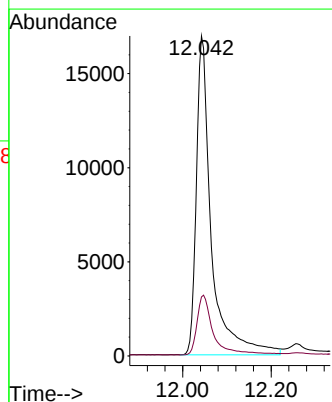
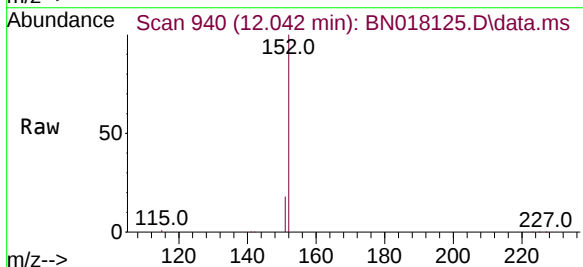


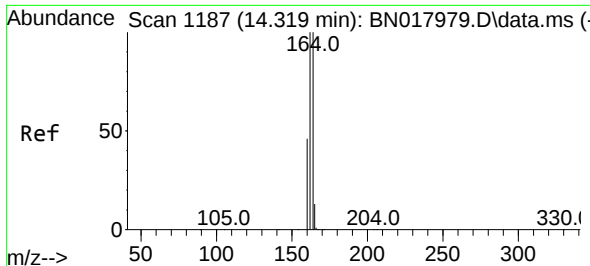
Tgt Ion: 82 Resp: 18734  
Ion Ratio Lower Upper  
82 100  
128 32.3 33.7 50.5#  
54 52.9 36.6 55.0



#11  
2-Methylnaphthalene-d10  
Concen: 0.243 ng  
RT: 12.042 min Scan# 940  
Delta R.T. 0.004 min  
Lab File: BN018125.D  
Acq: 20 Dec 2021 16:52

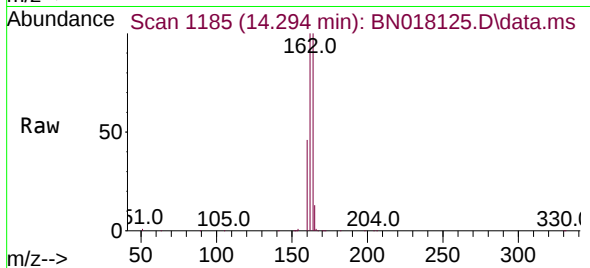
Tgt Ion: 152 Resp: 39958  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.2 24.2



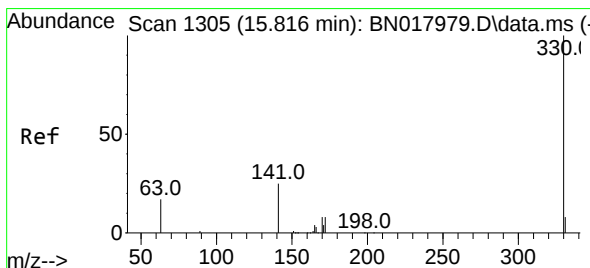
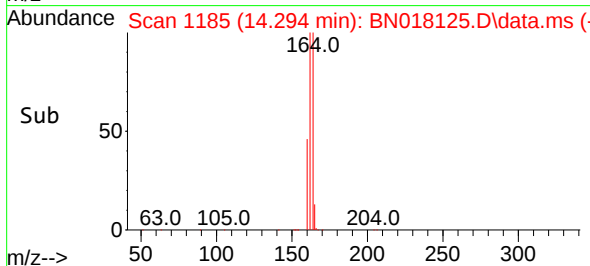
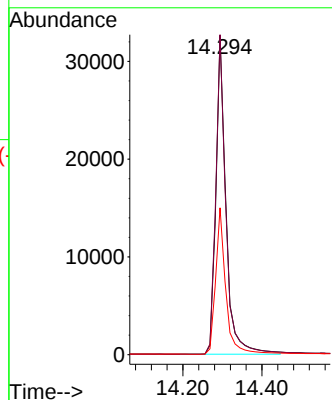


#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.294 min Scan# 1185  
Delta R.T. -0.000 min  
Lab File: BN018125.D  
Acq: 20 Dec 2021 16:52

Instrument :  
BNA\_N  
ClientSampleId :

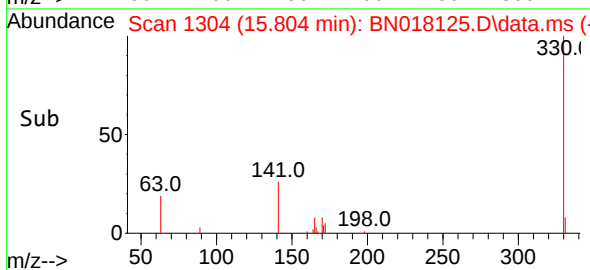
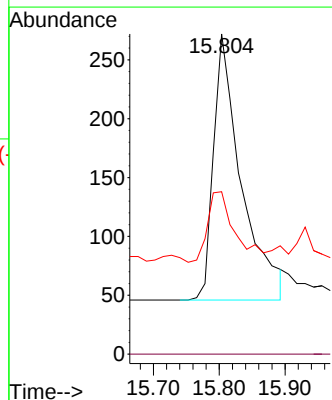
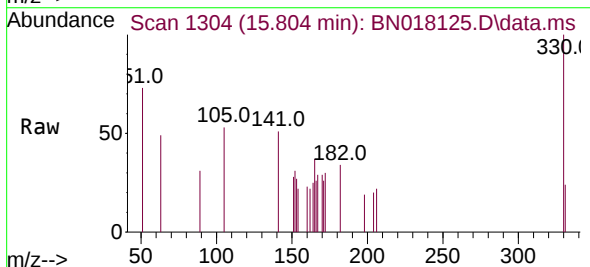


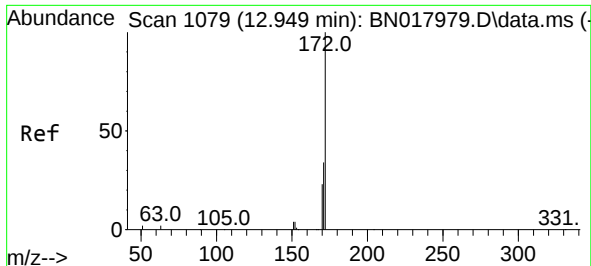
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Ion Ratio Lower Upper  
164 100  
162 100.1 80.2 120.2  
160 46.0 36.9 55.3



#14  
2,4,6-Tribromophenol  
Concen: 0.207 ng  
RT: 15.804 min Scan# 1304  
Delta R.T. 0.012 min  
Lab File: BN018125.D  
Acq: 20 Dec 2021 16:52

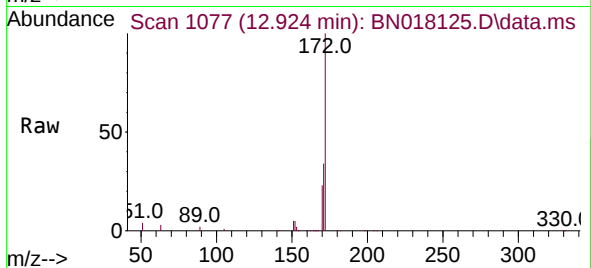
Tgt Ion:330 Resp: 660  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 27.4 21.3 31.9



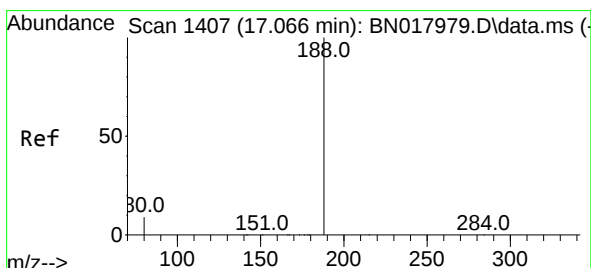
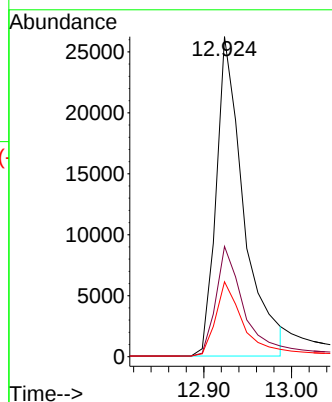
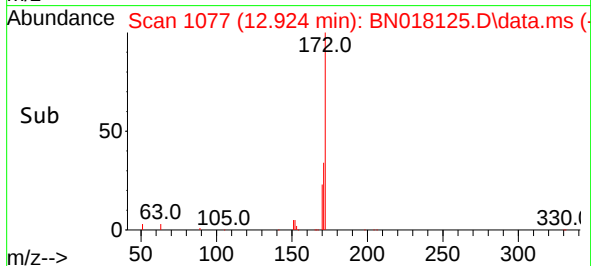


#15  
2-Fluorobiphenyl  
Concen: 0.283 ng  
RT: 12.924 min Scan# 1077  
Delta R.T. -0.000 min  
Lab File: BN018125.D  
Acq: 20 Dec 2021 16:52

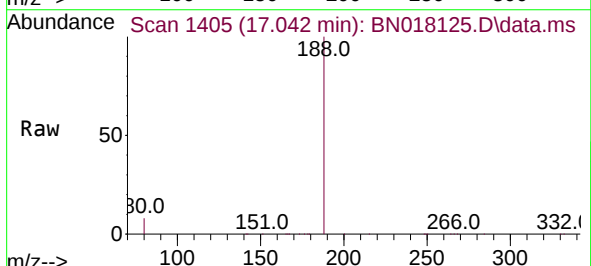
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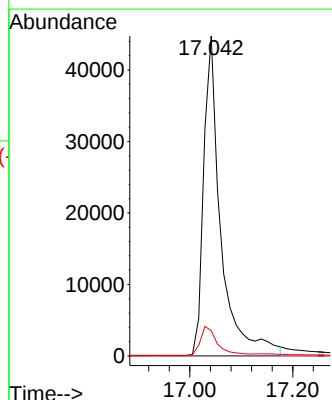
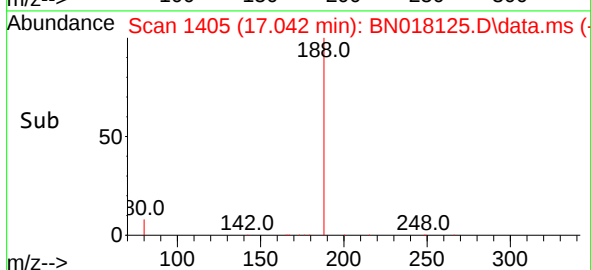
Tgt Ion:172 Resp: 57336  
Ion Ratio Lower Upper  
172 100  
171 34.4 27.4 41.0  
170 23.4 18.4 27.6

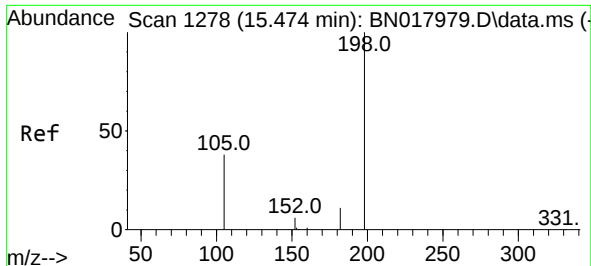


#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.042 min Scan# 1405  
Delta R.T. 0.012 min  
Lab File: BN018125.D  
Acq: 20 Dec 2021 16:52



Tgt Ion:188 Resp: 103447  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 7.9 7.0 10.4

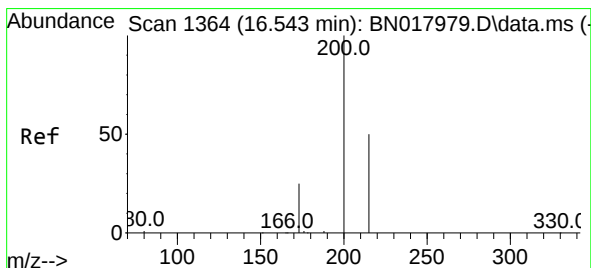
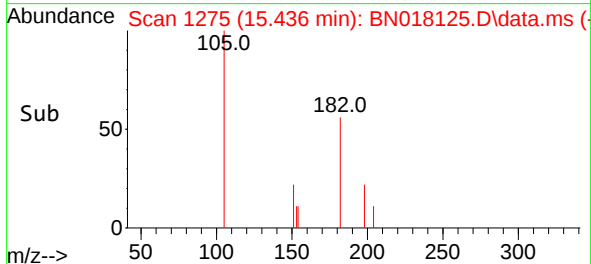
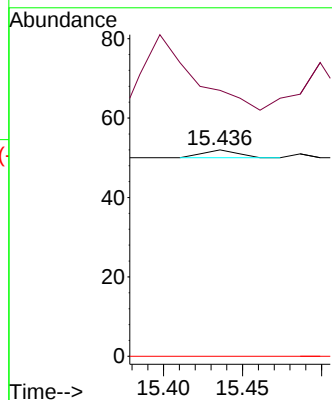
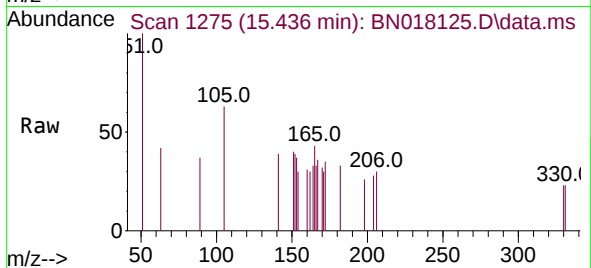




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.208 ng  
RT: 15.436 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN018125.D  
Acq: 20 Dec 2021 16:52

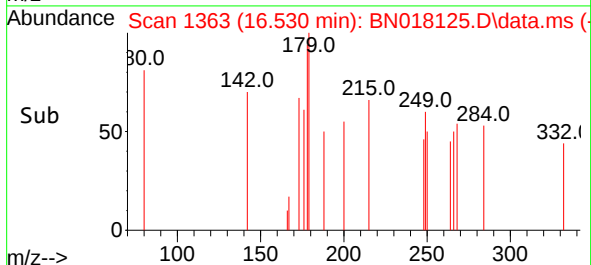
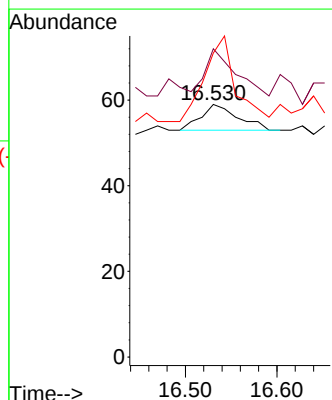
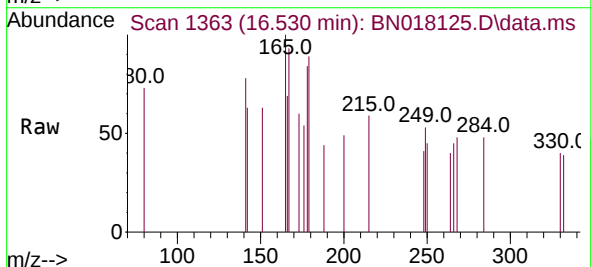
Instrument :  
BNA\_N  
ClientSampleId :

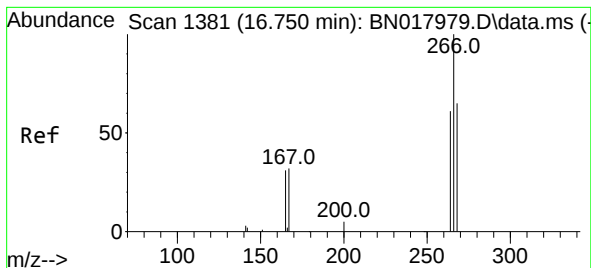
Tgt Ion:198 Resp: 3  
Ion Ratio Lower Upper  
198 100  
182 128.8 15.5 23.3#  
77 0.0 0.0 0.0



#23  
Atrazine  
Concen: 0.081 ng  
RT: 16.530 min Scan# 1363  
Delta R.T. 0.024 min  
Lab File: BN018125.D  
Acq: 20 Dec 2021 16:52

Tgt Ion:200 Resp: 17  
Ion Ratio Lower Upper  
200 100  
173 122.0 20.3 30.5#  
215 120.3 40.4 60.6#





#24

Pentachlorophenol

Concen: 0.247 ng

RT: 16.725 min Scan# 11

Delta R.T. 0.024 min

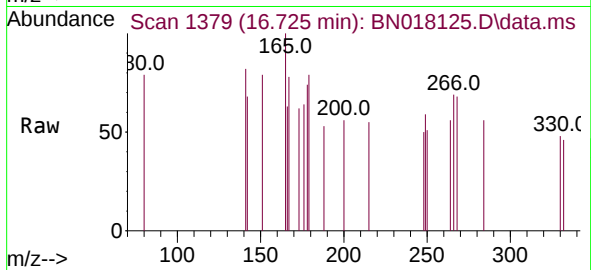
Lab File: BN018125.D

Acq: 20 Dec 2021 16:52

Instrument :

BNA\_N

ClientSampleId :



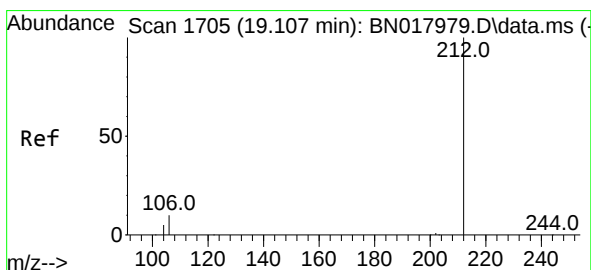
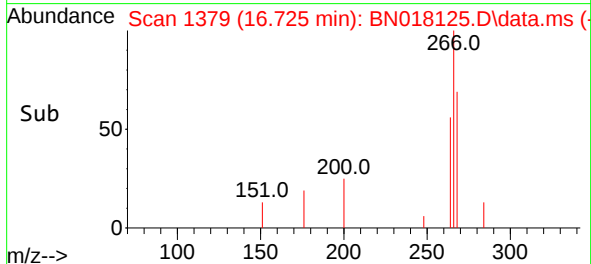
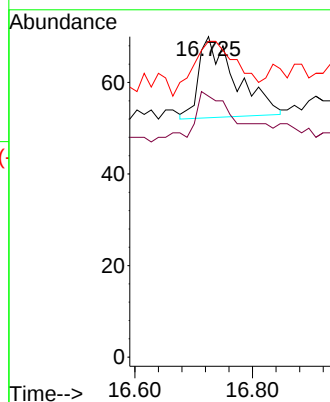
Tgt Ion:266 Resp: 77

Ion Ratio Lower Upper

266 100

264 48.1 49.5 74.3#

268 83.1 50.6 76.0#



#27

Fluoranthene-d10

Concen: 0.273 ng

RT: 19.073 min Scan# 1698

Delta R.T. 0.005 min

Lab File: BN018125.D

Acq: 20 Dec 2021 16:52

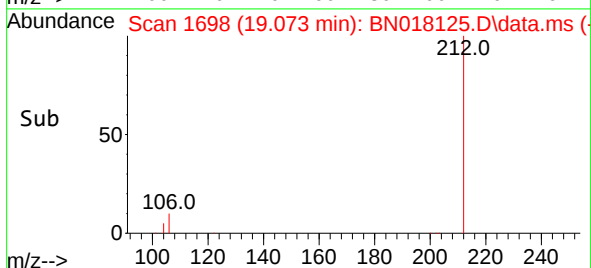
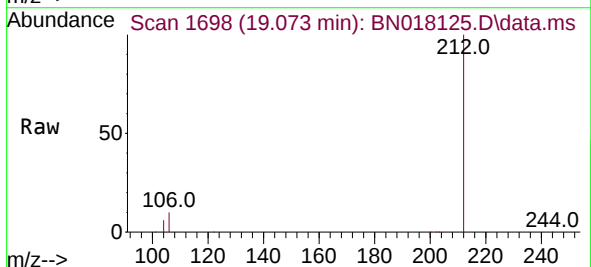
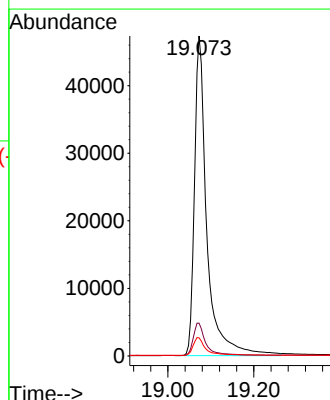
Tgt Ion:212 Resp: 94491

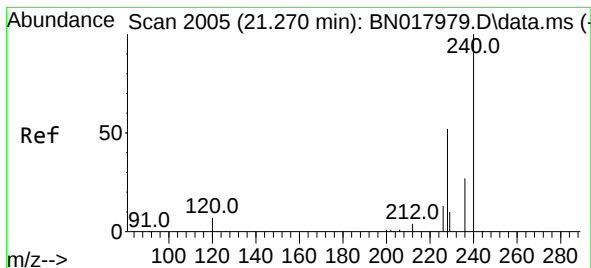
Ion Ratio Lower Upper

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. 0.010 min

Lab File: BN018125.D

Acq: 20 Dec 2021 16:52

Instrument :

BNA\_N

ClientSampleId :

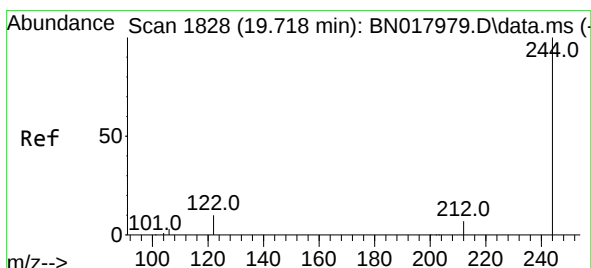
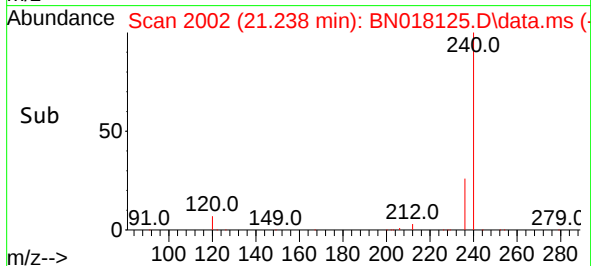
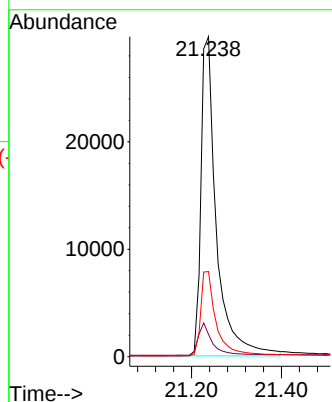
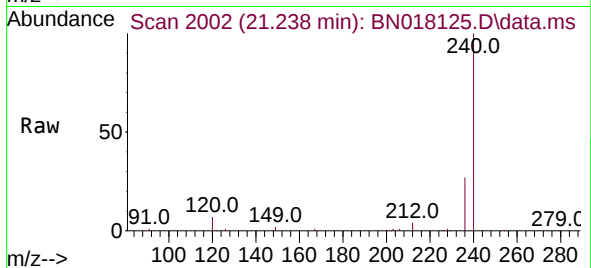
Tgt Ion:240 Resp: 71033

Ion Ratio Lower Upper

240 100

120 7.0 6.0 9.0

236 26.6 21.4 32.2



#31

Terphenyl-d14

Concen: 0.554 ng

RT: 19.678 min Scan# 1820

Delta R.T. 0.005 min

Lab File: BN018125.D

Acq: 20 Dec 2021 16:52

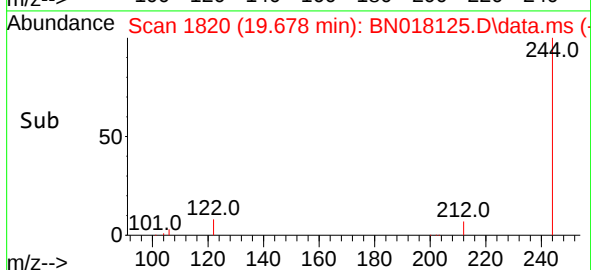
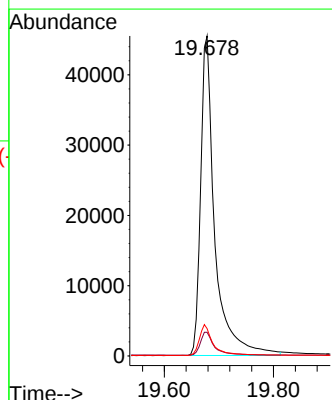
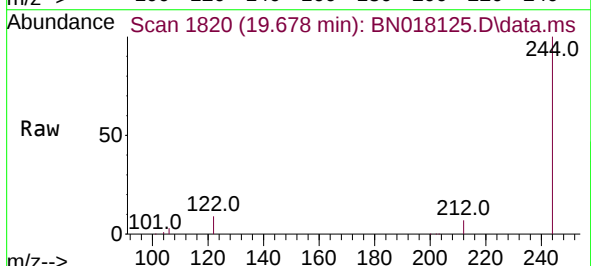
Tgt Ion:244 Resp: 82085

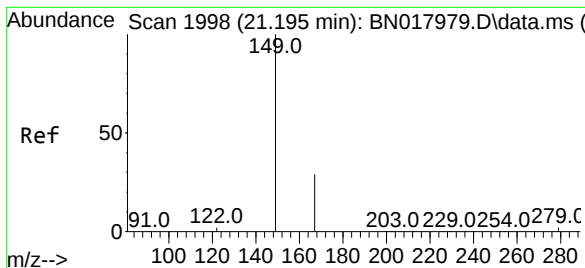
Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

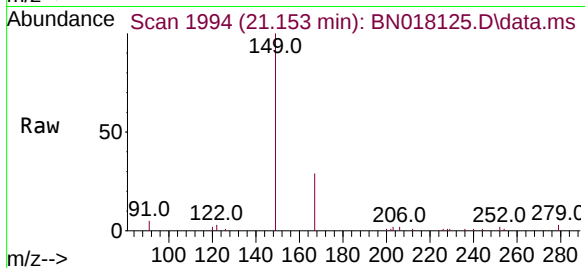
122 8.5 7.9 11.9



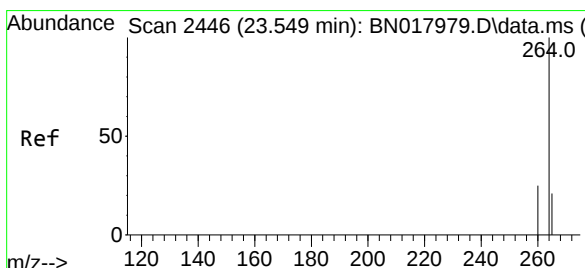
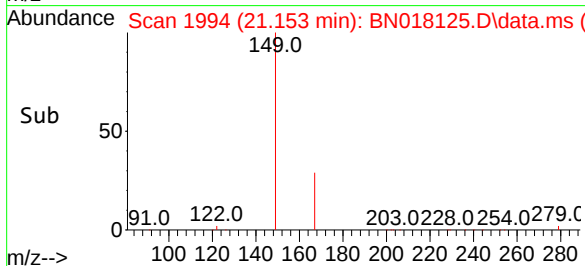
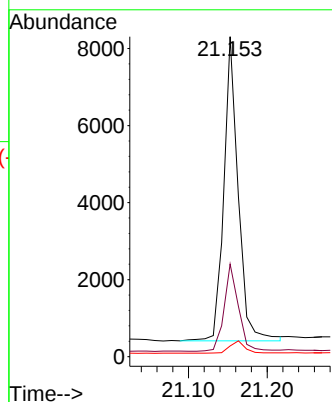


#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.095 ng  
 RT: 21.153 min Scan# 1994  
 Delta R.T. -0.000 min  
 Lab File: BN018125.D  
 Acq: 20 Dec 2021 16:52

Instrument :  
 BNA\_N  
 ClientSampleId :



Tgt Ion:149 Resp: 9965  
 Ion Ratio Lower Upper  
 149 100  
 167 28.8 23.7 35.5  
 279 4.4 3.6 5.4



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.488 min Scan# 2428  
 Delta R.T. 0.013 min  
 Lab File: BN018125.D  
 Acq: 20 Dec 2021 16:52

Tgt Ion:264 Resp: 46066  
 Ion Ratio Lower Upper  
 264 100  
 260 25.4 20.2 30.4  
 265 28.5 18.2 27.2#

