

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN011022\  
 Data File : BN018376.D  
 Acq On : 10 Jan 2022 12:05  
 Operator : CG/JU  
 Sample : PB141692BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB141692BL

Quant Time: Jan 10 13:59:37 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN010722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 10 13:58:28 2022  
 Response via : Initial Calibration

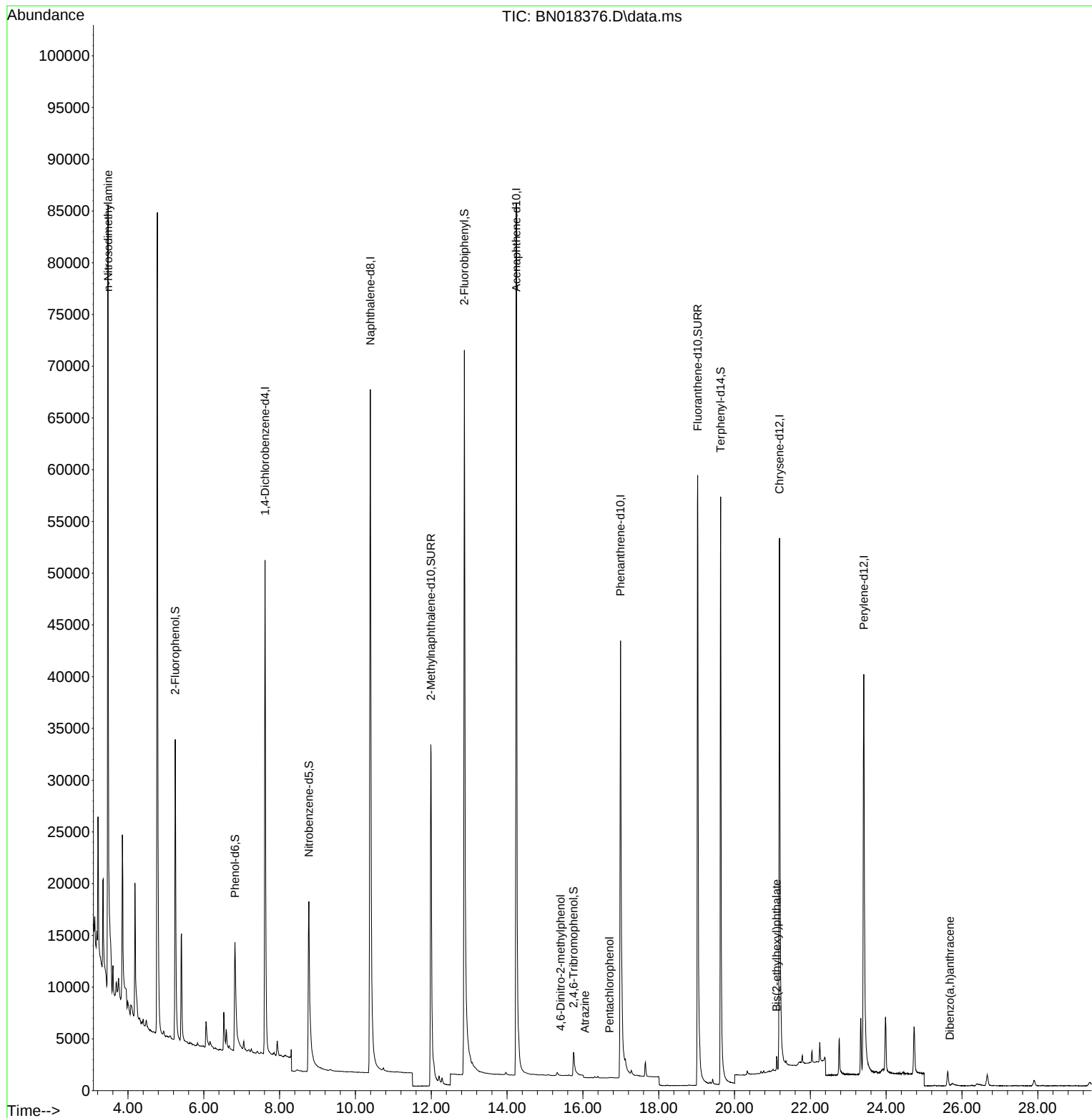
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.615  | 152  | 27571    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.394 | 136  | 122129   | 0.400 | ng    | 0.01     |
| 13) Acenaphthene-d10          | 14.243 | 164  | 59101    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.993 | 188  | 91609    | 0.400 | ng    | # 0.01   |
| 29) Chrysene-d12              | 21.185 | 240  | 66860    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.409 | 264  | 66728    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.245  | 112  | 26363    | 0.389 | ng    | 0.04     |
| 5) Phenol-d6                  | 6.822  | 99   | 15326    | 0.225 | ng    | 0.03     |
| 8) Nitrobenzene-d5            | 8.772  | 82   | 25557    | 0.400 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 11.990 | 152  | 66386    | 0.347 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.753 | 330  | 3110     | 0.289 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 12.873 | 172  | 83714    | 0.392 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.028 | 212  | 92690    | 0.354 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.634 | 244  | 72726    | 0.503 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 3) n-Nitrosodimethylamine     | 3.475  | 42   | 5524     | 0.222 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.411 | 198  | 3        | 0.201 | ng    | # 1      |
| 23) Atrazine                  | 16.056 | 200  | 239      | 0.103 | ng    | # 3      |
| 24) Pentachlorophenol         | 16.701 | 266  | 42       | 0.338 | ng    | # 4      |
| 34) Bis(2-ethylhexyl)phtha... | 21.111 | 149  | 1454     | 0.219 | ng    | 94       |
| 40) Dibenzo(a,h)anthracene    | 25.685 | 278  | 5        | 0.039 | ng    | # 1      |
| -----                         |        |      |          |       |       |          |

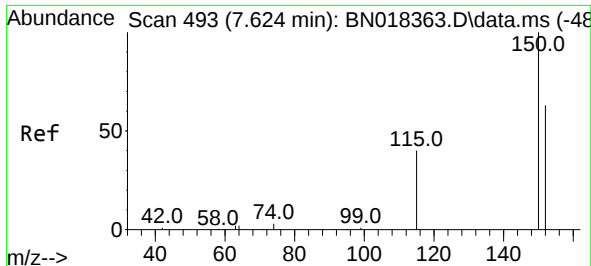
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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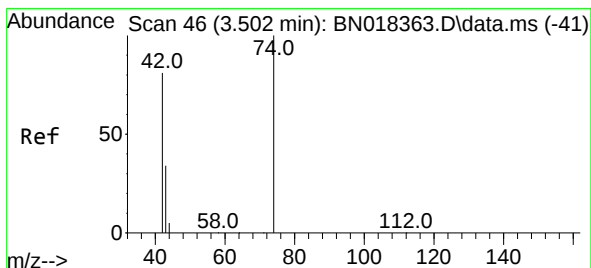
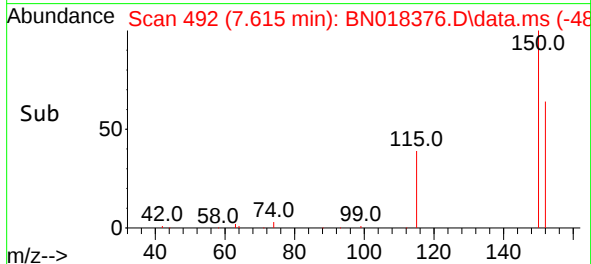
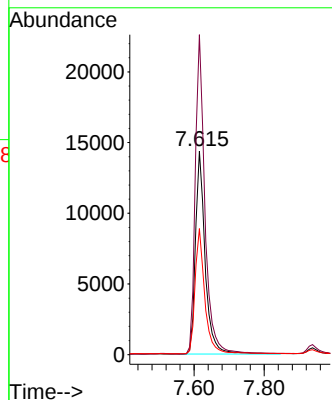
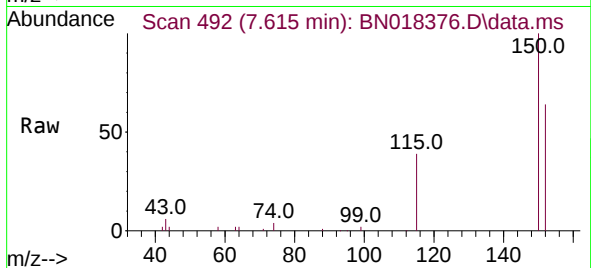




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.615 min Scan# 49  
Delta R.T. 0.009 min  
Lab File: BN018376.D  
Acq: 10 Jan 2022 12:05

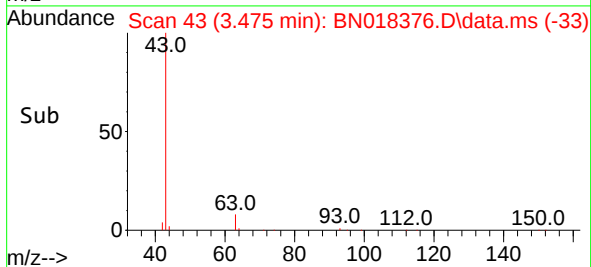
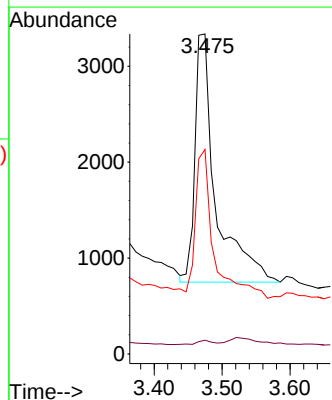
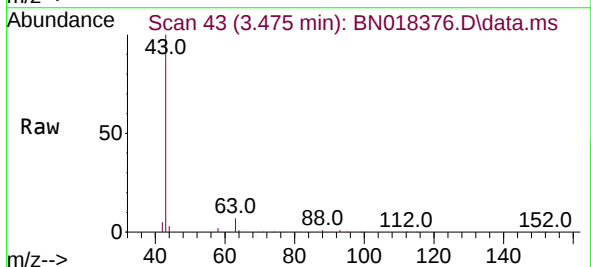
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BNA\_N  
ClientSampleId :  
PB141692BL

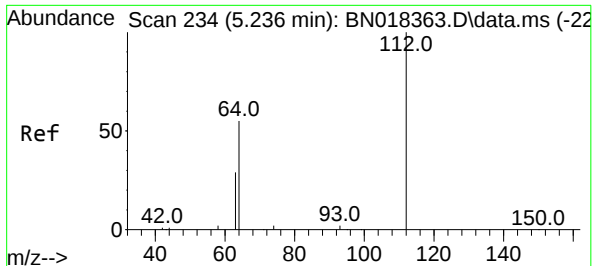
Tgt Ion:152 Resp: 27571  
Ion Ratio Lower Upper  
152 100  
150 157.3 121.7 182.5  
115 62.0 43.8 65.8



#3  
n-Nitrosodimethylamine  
Concen: 0.222 ng  
RT: 3.475 min Scan# 43  
Delta R.T. -0.009 min  
Lab File: BN018376.D  
Acq: 10 Jan 2022 12:05

Tgt Ion: 42 Resp: 5524  
Ion Ratio Lower Upper  
42 100  
74 1.2 108.6 163.0#  
44 51.7 5.8 8.8#

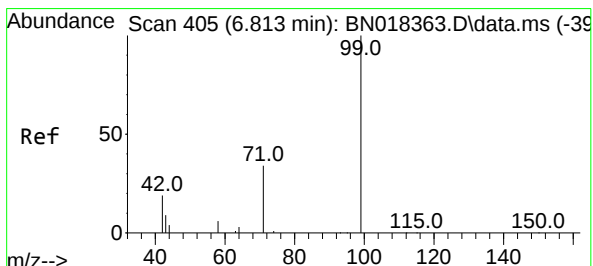
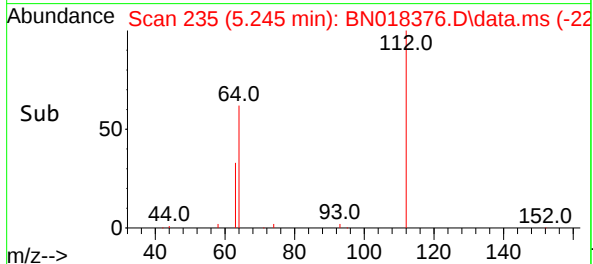
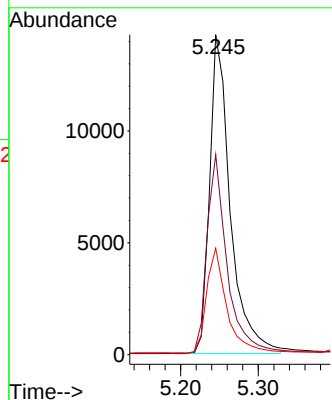
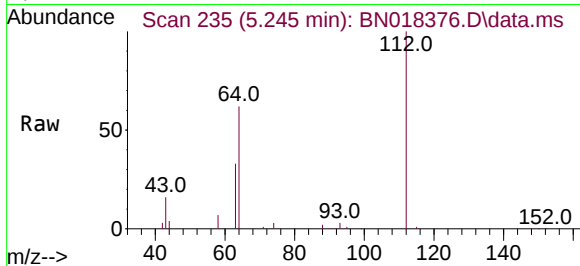




#4  
2-Fluorophenol  
Concen: 0.389 ng  
RT: 5.245 min Scan# 21  
Delta R.T. 0.037 min  
Lab File: BN018376.D  
Acq: 10 Jan 2022 12:05

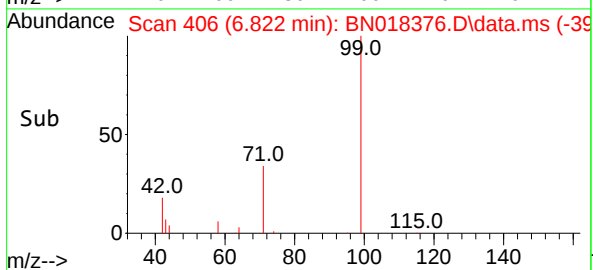
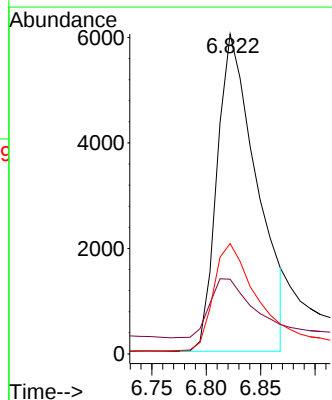
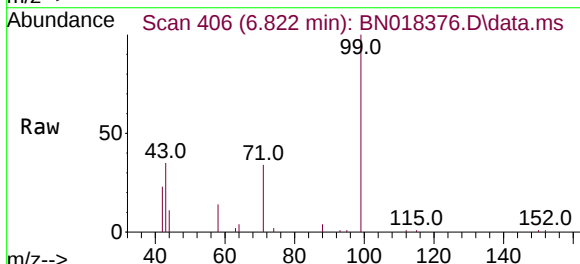
Instrument :  
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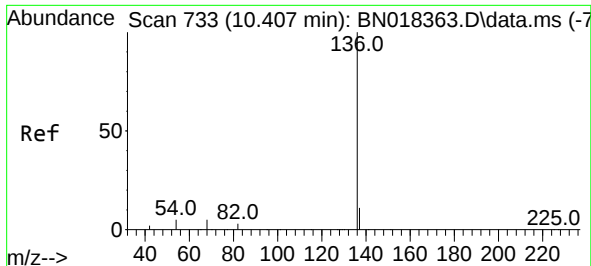
Tgt Ion:112 Resp: 26363  
Ion Ratio Lower Upper  
112 100  
64 60.4 48.0 72.0  
63 31.9 25.3 37.9



#5  
Phenol-d6  
Concen: 0.225 ng  
RT: 6.822 min Scan# 406  
Delta R.T. 0.028 min  
Lab File: BN018376.D  
Acq: 10 Jan 2022 12:05

Tgt Ion: 99 Resp: 15326  
Ion Ratio Lower Upper  
99 100  
42 20.2 16.3 24.5  
71 35.4 26.8 40.2

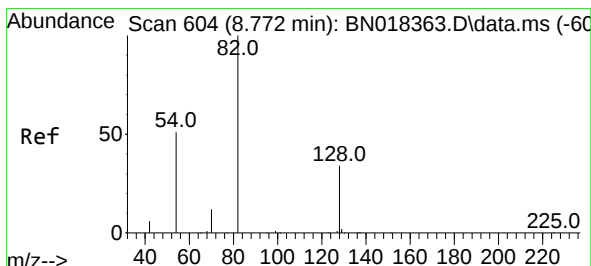
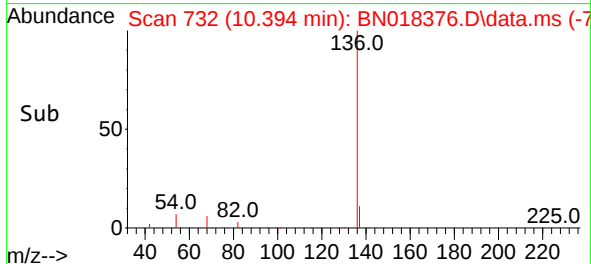
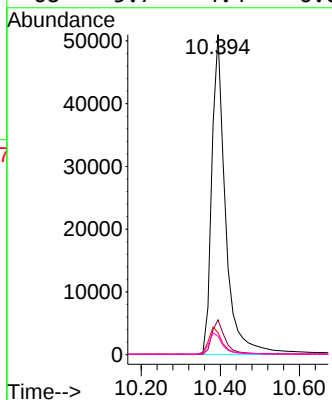
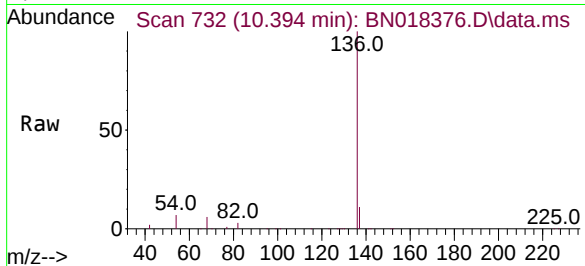




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.394 min Scan# 71  
Delta R.T. 0.013 min  
Lab File: BN018376.D  
Acq: 10 Jan 2022 12:05

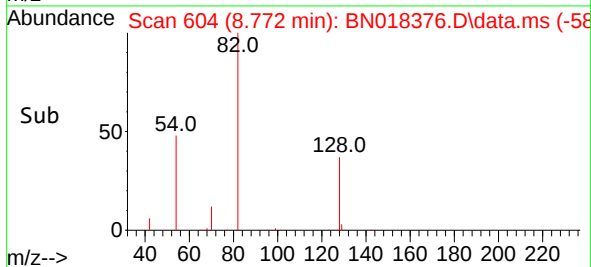
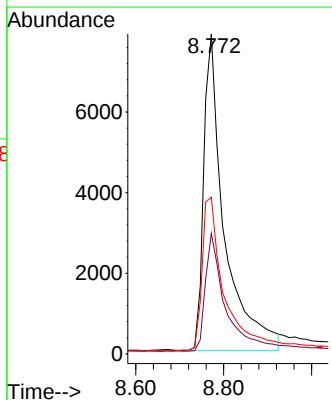
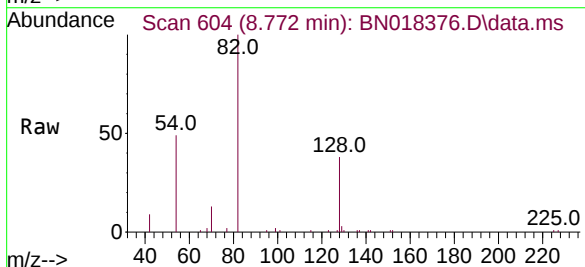
Instrument :  
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ClientSampleId :  
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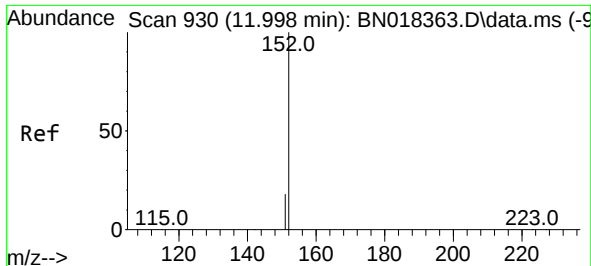
Tgt Ion:136 Resp: 122129  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 6.9 5.0 7.6  
68 5.7 4.4 6.6



#8  
Nitrobenzene-d5  
Concen: 0.400 ng  
RT: 8.772 min Scan# 604  
Delta R.T. 0.013 min  
Lab File: BN018376.D  
Acq: 10 Jan 2022 12:05

Tgt Ion: 82 Resp: 25557  
Ion Ratio Lower Upper  
82 100  
128 37.7 33.7 50.5  
54 49.0 36.6 55.0

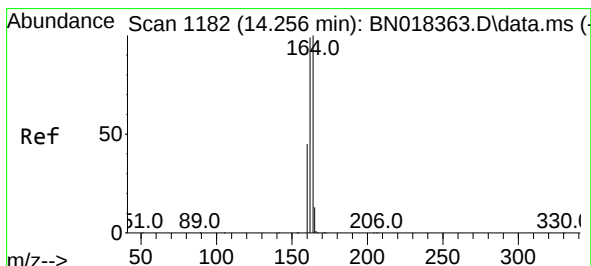
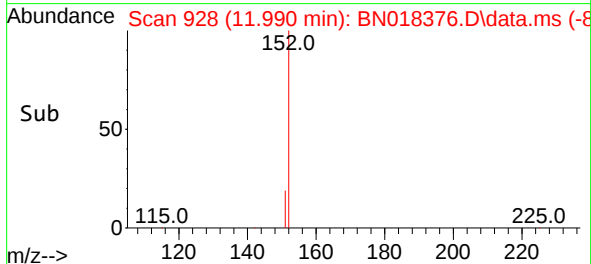
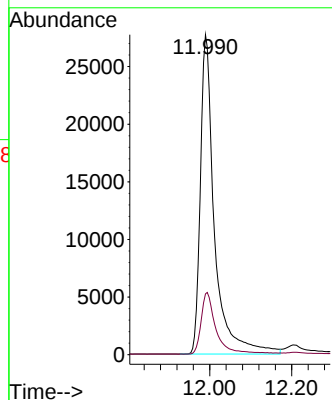
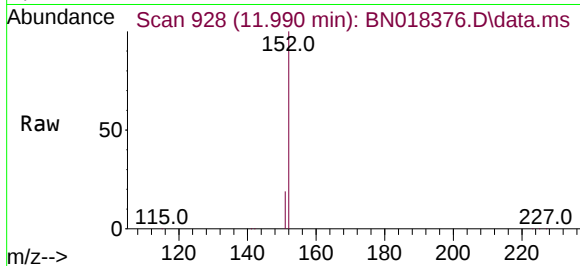




#11  
2-Methylnaphthalene-d10  
Concen: 0.347 ng  
RT: 11.990 min Scan# 91  
Delta R.T. 0.009 min  
Lab File: BN018376.D  
Acq: 10 Jan 2022 12:05

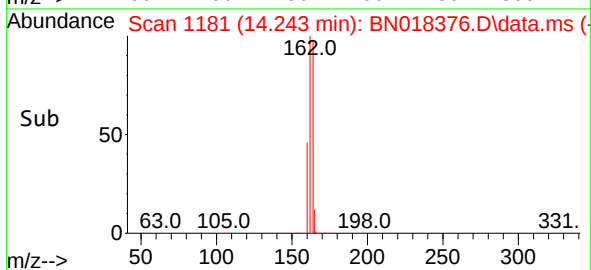
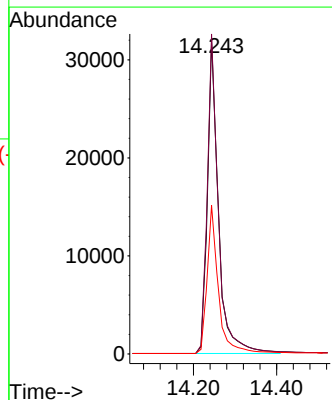
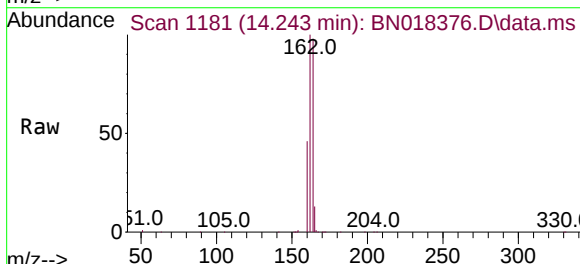
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ClientSampleId :  
PB141692BL

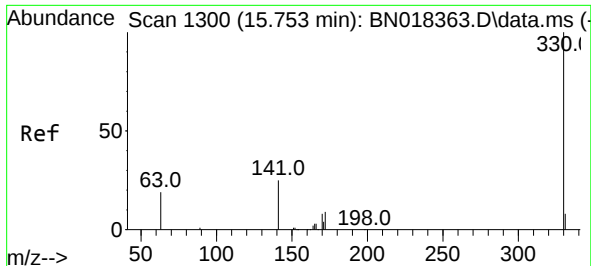
Tgt Ion:152 Resp: 66386  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.2 24.2



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.243 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: BN018376.D  
Acq: 10 Jan 2022 12:05

Tgt Ion:164 Resp: 59101  
Ion Ratio Lower Upper  
164 100  
162 101.9 80.2 120.2  
160 47.4 36.9 55.3

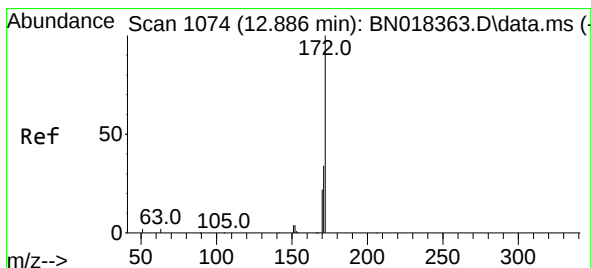
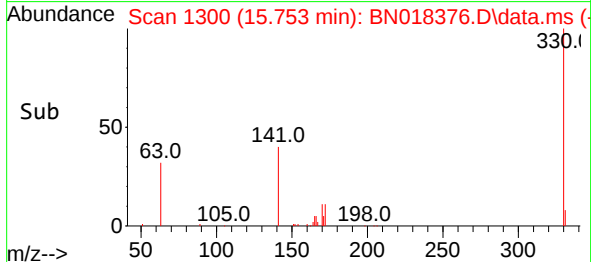
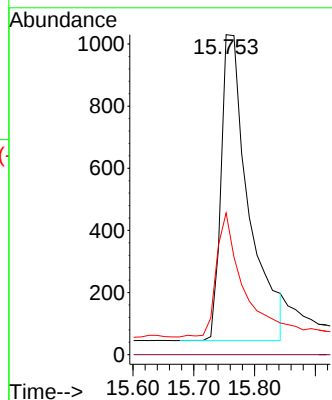
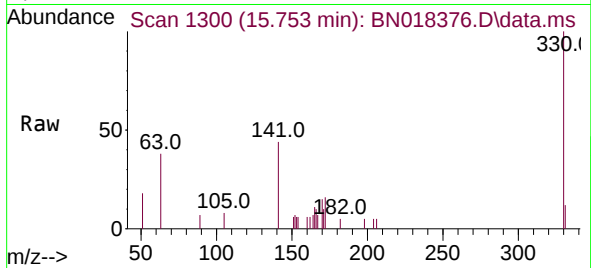




#14  
2,4,6-Tribromophenol  
Concen: 0.289 ng  
RT: 15.753 min Scan# 11  
Delta R.T. 0.013 min  
Lab File: BN018376.D  
Acq: 10 Jan 2022 12:05

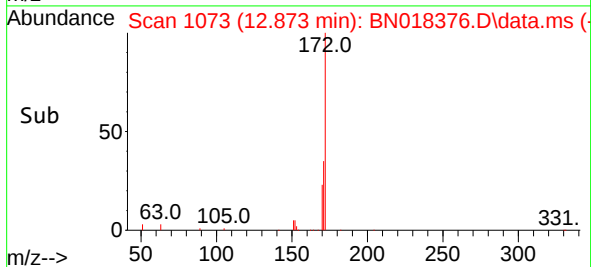
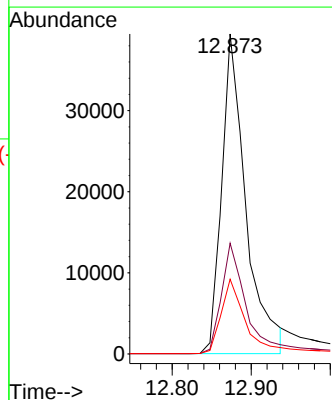
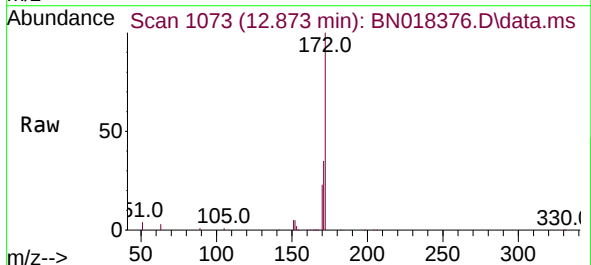
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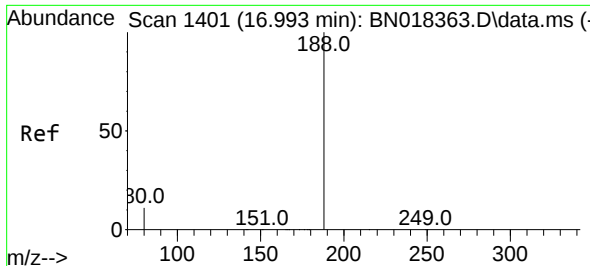
Tgt Ion:330 Resp: 3110  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 38.3 21.3 31.9#



#15  
2-Fluorobiphenyl  
Concen: 0.392 ng  
RT: 12.873 min Scan# 1073  
Delta R.T. 0.000 min  
Lab File: BN018376.D  
Acq: 10 Jan 2022 12:05

Tgt Ion:172 Resp: 83714  
Ion Ratio Lower Upper  
172 100  
171 34.6 27.4 41.0  
170 23.3 18.4 27.6

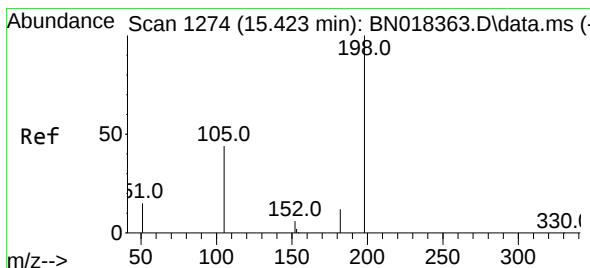
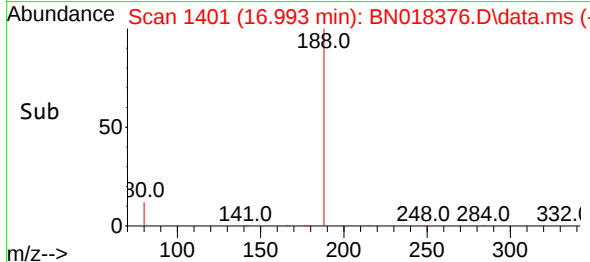
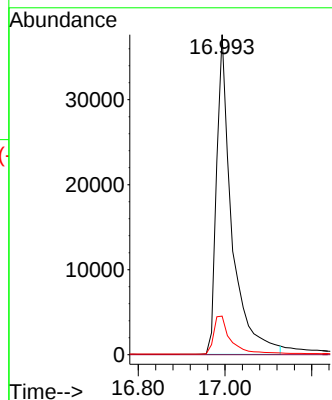
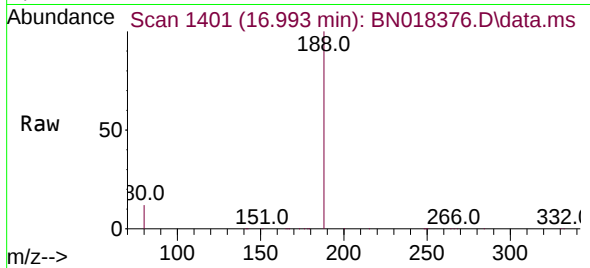




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.993 min Scan# 1401  
Delta R.T. 0.012 min  
Lab File: BN018376.D  
Acq: 10 Jan 2022 12:05

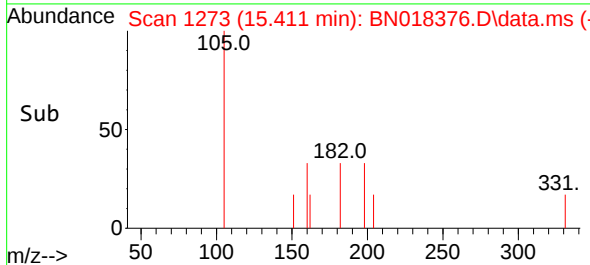
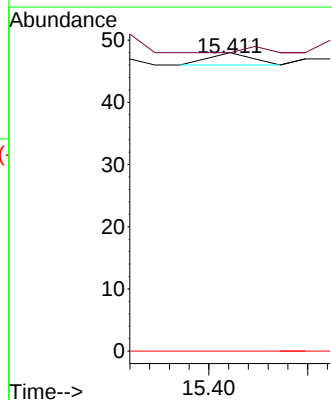
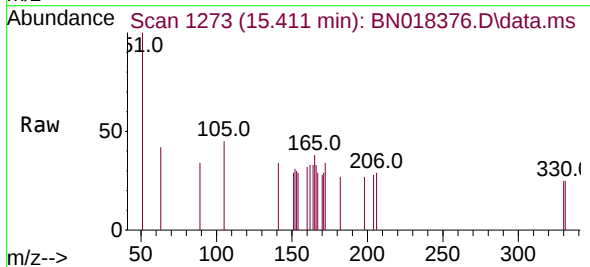
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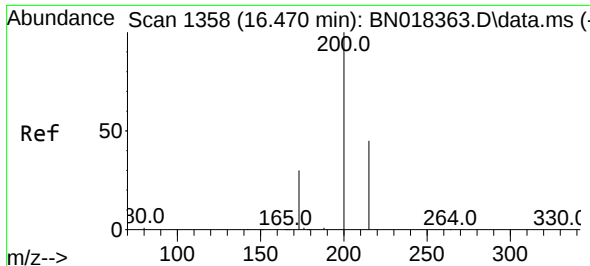
Tgt Ion:188 Resp: 91609  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.0 7.0 10.4#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.201 ng  
RT: 15.411 min Scan# 1273  
Delta R.T. 0.013 min  
Lab File: BN018376.D  
Acq: 10 Jan 2022 12:05

Tgt Ion:198 Resp: 3  
Ion Ratio Lower Upper  
198 100  
182 100.0 15.5 23.3#  
77 0.0 0.0 0.0

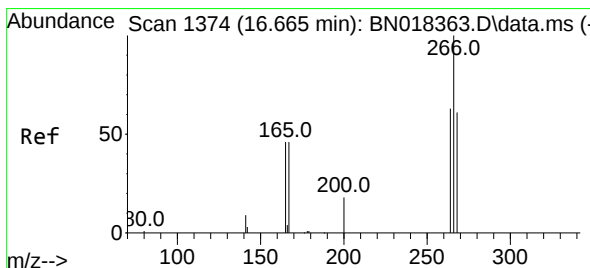
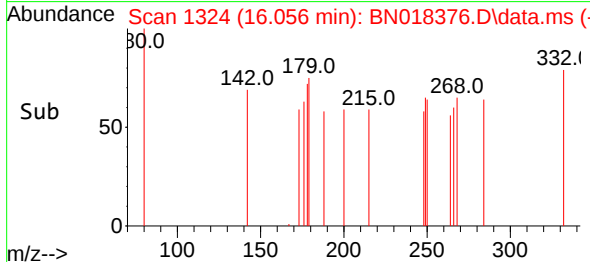
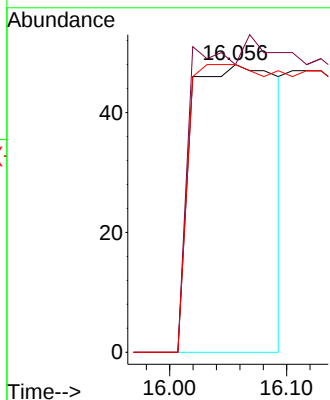
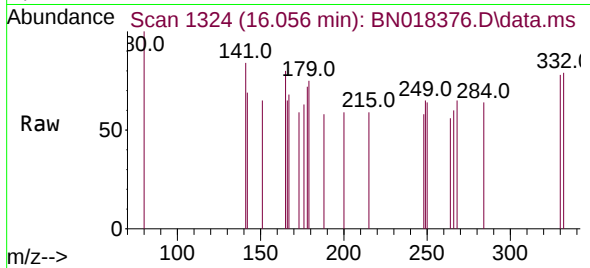




#23  
 Atrazine  
 Concen: 0.103 ng  
 RT: 16.056 min Scan# 11  
 Delta R.T. -0.402 min  
 Lab File: BN018376.D  
 Acq: 10 Jan 2022 12:05

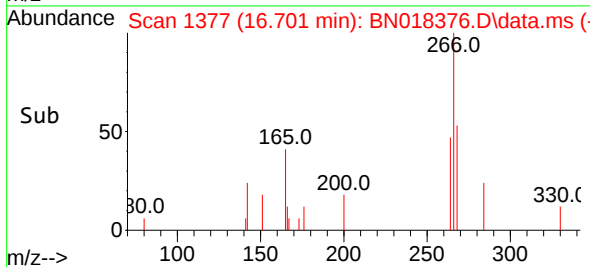
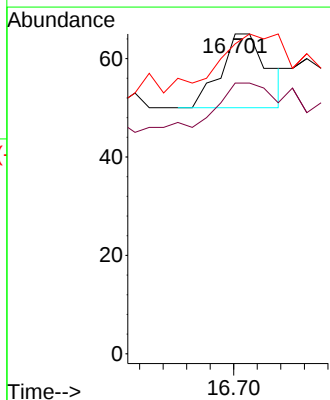
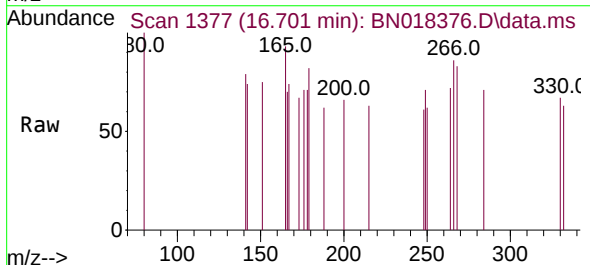
Instrument :  
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 ClientSampleId :  
 PB141692BL

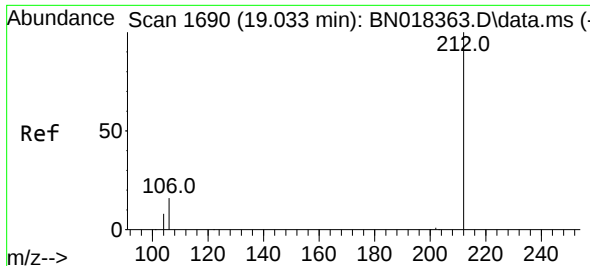
Tgt Ion:200 Resp: 239  
 Ion Ratio Lower Upper  
 200 100  
 173 100.0 20.3 30.5#  
 215 100.0 40.4 60.6#



#24  
 Pentachlorophenol  
 Concen: 0.338 ng  
 RT: 16.701 min Scan# 1377  
 Delta R.T. 0.049 min  
 Lab File: BN018376.D  
 Acq: 10 Jan 2022 12:05

Tgt Ion:266 Resp: 42  
 Ion Ratio Lower Upper  
 266 100  
 264 109.5 49.5 74.3#  
 268 164.3 50.6 76.0#

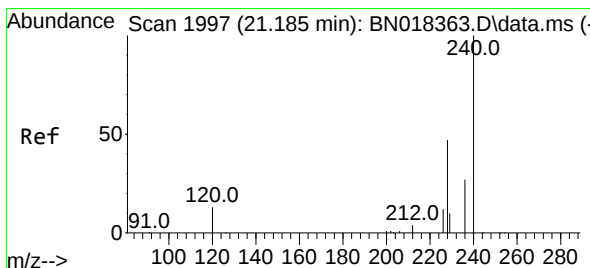
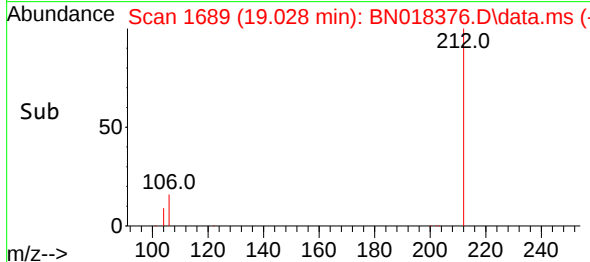
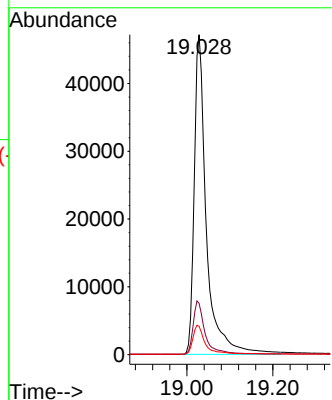
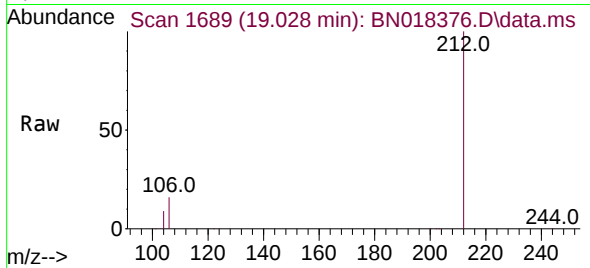




#27  
Fluoranthene-d10  
Concen: 0.354 ng  
RT: 19.028 min Scan# 1689  
Delta R.T. 0.005 min  
Lab File: BN018376.D  
Acq: 10 Jan 2022 12:05

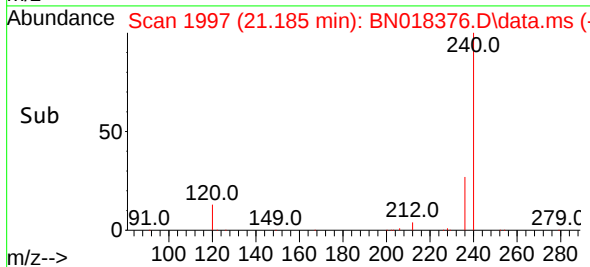
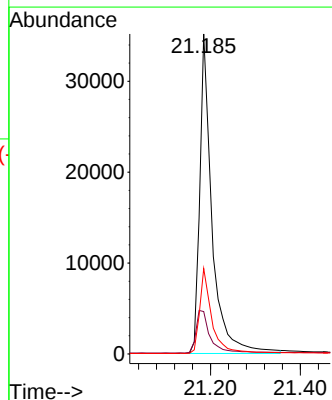
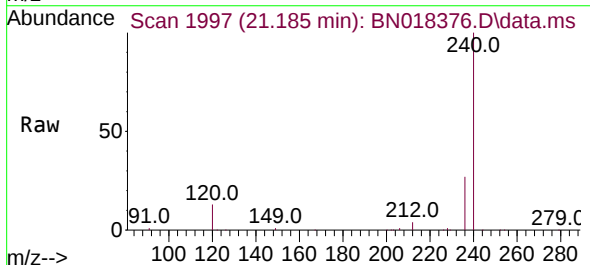
Instrument :  
BNA\_N  
ClientSampleId :  
PB141692BL

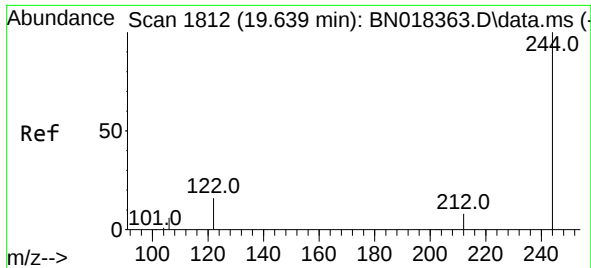
Tgt Ion:212 Resp: 92690  
Ion Ratio Lower Upper  
212 100  
106 16.5 8.4 12.6#  
104 9.0 4.5 6.7#



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.185 min Scan# 1997  
Delta R.T. 0.000 min  
Lab File: BN018376.D  
Acq: 10 Jan 2022 12:05

Tgt Ion:240 Resp: 66860  
Ion Ratio Lower Upper  
240 100  
120 13.3 6.0 9.0#  
236 26.7 21.4 32.2

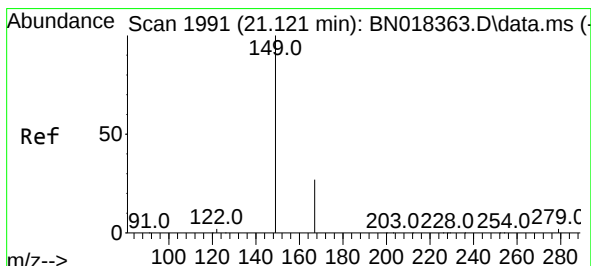
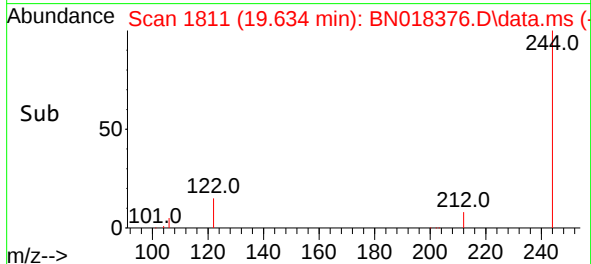
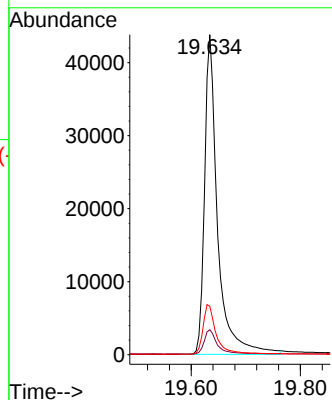
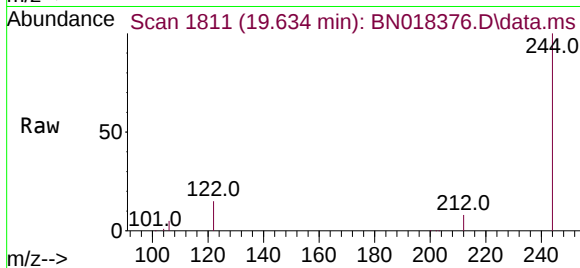




#31  
 Terphenyl-d14  
 Concen: 0.503 ng  
 RT: 19.634 min Scan# 1812  
 Delta R.T. 0.000 min  
 Lab File: BN018376.D  
 Acq: 10 Jan 2022 12:05

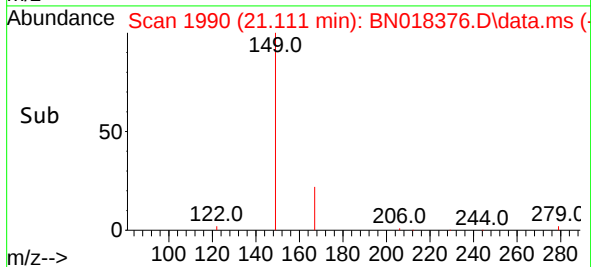
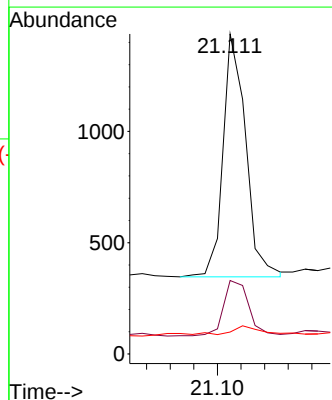
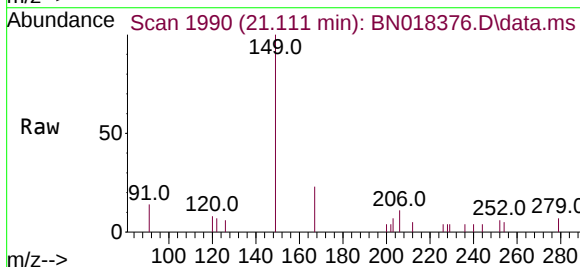
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB141692BL

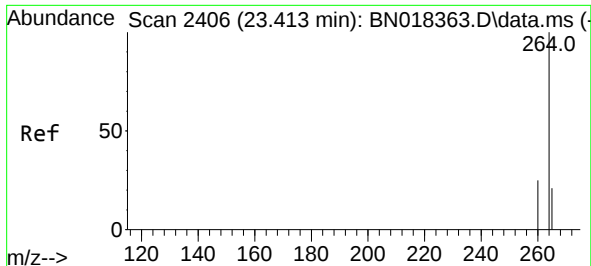
Tgt Ion:244 Resp: 72726  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.2 9.2  
 122 15.2 7.9 11.9#



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.219 ng  
 RT: 21.111 min Scan# 1990  
 Delta R.T. 0.000 min  
 Lab File: BN018376.D  
 Acq: 10 Jan 2022 12:05

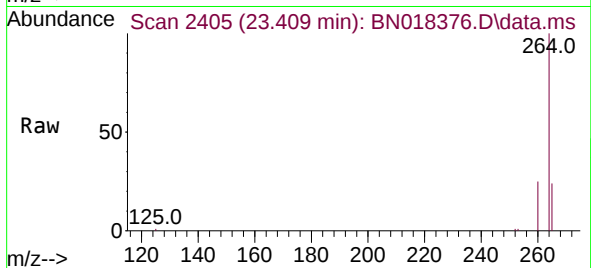
Tgt Ion:149 Resp: 1454  
 Ion Ratio Lower Upper  
 149 100  
 167 25.7 23.7 35.5  
 279 4.6 3.6 5.4



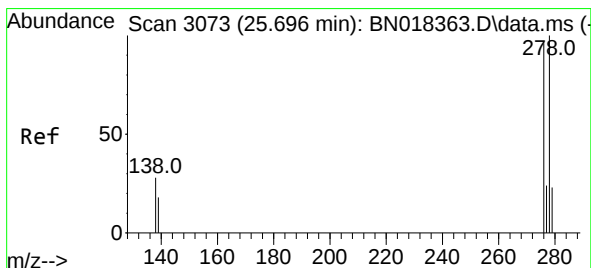
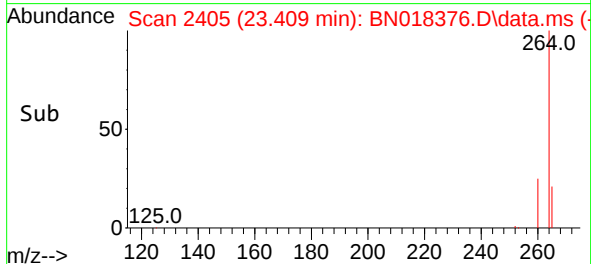
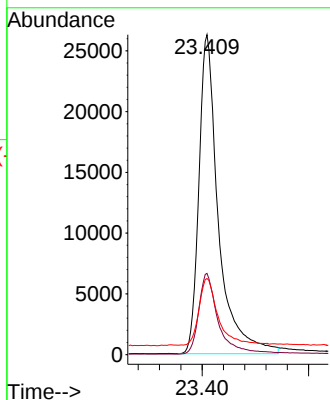


#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.409 min Scan# 2406  
 Delta R.T. 0.003 min  
 Lab File: BN018376.D  
 Acq: 10 Jan 2022 12:05

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB141692BL



Tgt Ion:264 Resp: 66728  
 Ion Ratio Lower Upper  
 264 100  
 260 25.4 20.2 30.4  
 265 23.8 18.2 27.2



#40  
 Dibenzo(a,h)anthracene  
 Concen: 0.039 ng  
 RT: 25.685 min Scan# 3070  
 Delta R.T. 0.003 min  
 Lab File: BN018376.D  
 Acq: 10 Jan 2022 12:05

Tgt Ion:278 Resp: 5  
 Ion Ratio Lower Upper  
 278 100  
 139 177.6 10.8 16.2#  
 279 203.0 19.0 28.4#

