

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062322\  
 Data File : BN020374.D  
 Acq On : 23 Jun 2022 15:22  
 Operator : CG/JU  
 Sample : PB145588BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB145588BL

Quant Time: Jun 23 16:03:20 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 22 15:57:15 2022  
 Response via : Initial Calibration

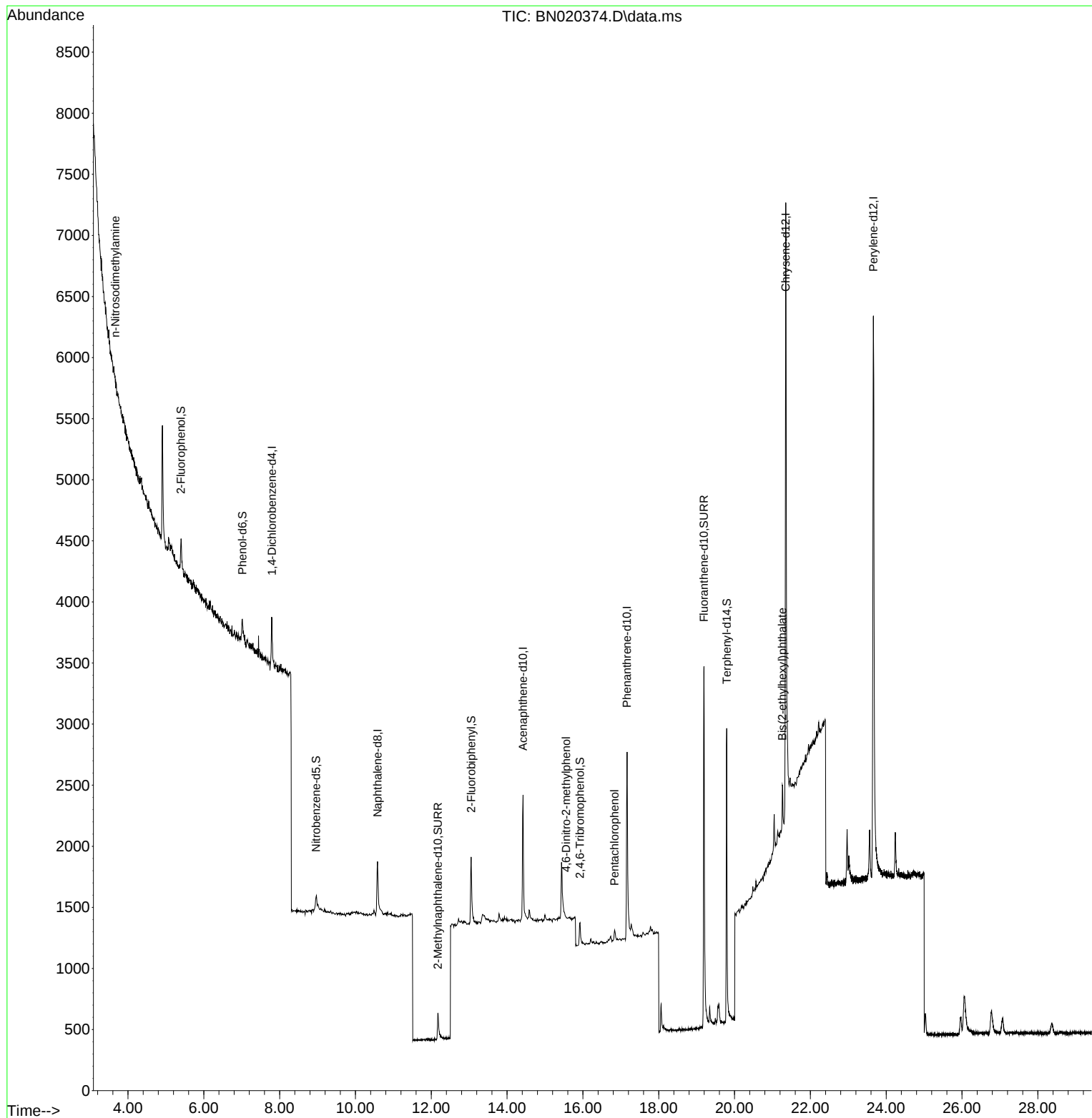
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.796  | 152  | 237      | 0.400 | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.583 | 136  | 854      | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.420 | 164  | 770      | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.164 | 188  | 3071     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.351 | 240  | 6230     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.662 | 264  | 8042     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.399  | 112  | 285      | 0.410 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.016  | 99   | 335      | 0.374 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.961  | 82   | 179      | 0.300 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.174 | 152  | 511      | 0.322 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.923 | 330  | 149      | 0.407 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 13.052 | 172  | 697      | 0.253 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.194 | 212  | 4071     | 0.378 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.792 | 244  | 3152     | 0.254 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 3) n-Nitrosodimethylamine     | 3.665  | 42   | 36       | 0.146 | ng    | # 13     |
| 20) 4,6-Dinitro-2-methylph... | 15.553 | 198  | 6        | 0.123 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.836 | 266  | 97       | 0.115 | ng    | # 81     |
| 34) Bis(2-ethylhexyl)phtha... | 21.261 | 149  | 475      | 0.046 | ng    | # 96     |
| -----                         |        |      |          |       |       |          |

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

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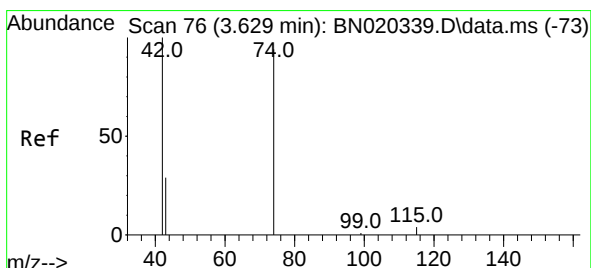
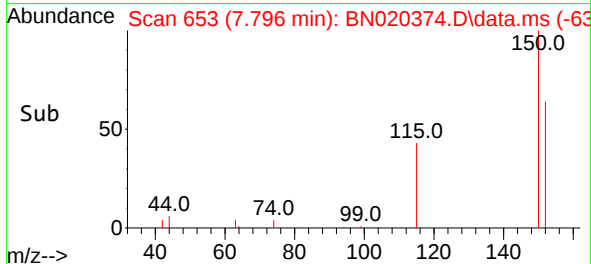
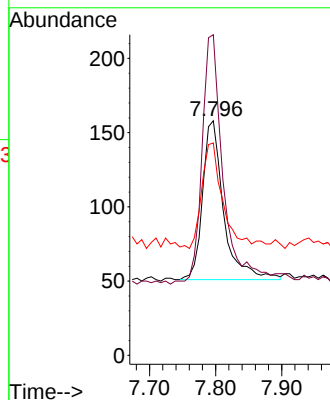
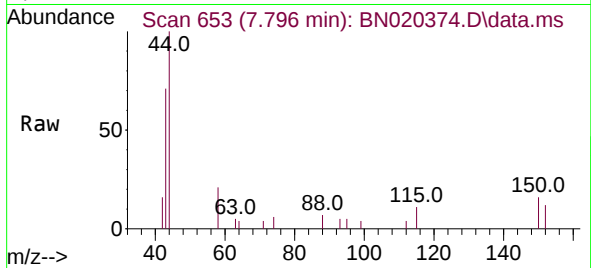




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.796 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: BN020374.D  
Acq: 23 Jun 2022 15:22

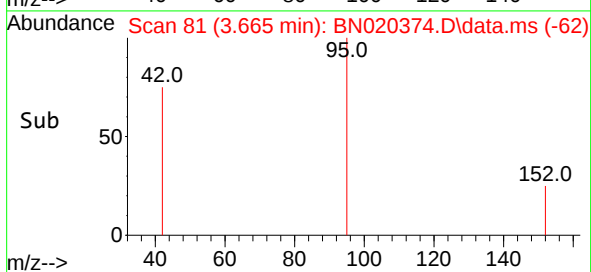
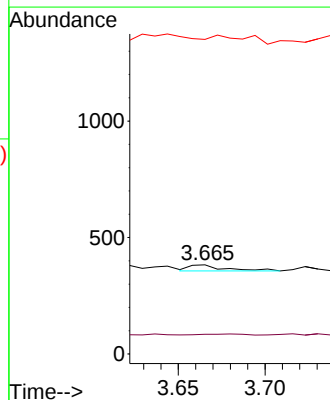
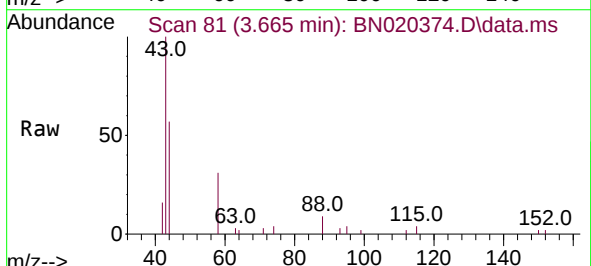
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BNA\_N  
ClientSampleId :  
PB145588BL

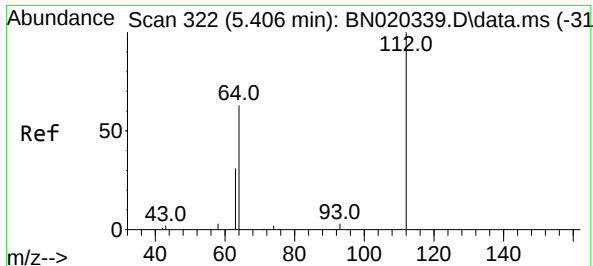
Tgt Ion:152 Resp: 237  
Ion Ratio Lower Upper  
152 100  
150 136.7 127.9 191.9  
115 90.5 51.4 77.2#



#3  
n-Nitrosodimethylamine  
Concen: 0.146 ng  
RT: 3.665 min Scan# 81  
Delta R.T. 0.036 min  
Lab File: BN020374.D  
Acq: 23 Jun 2022 15:22

Tgt Ion: 42 Resp: 36  
Ion Ratio Lower Upper  
42 100  
74 22.2 84.0 126.0#  
44 66.7 9.8 14.8#

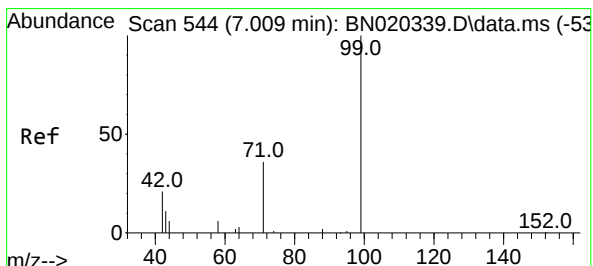
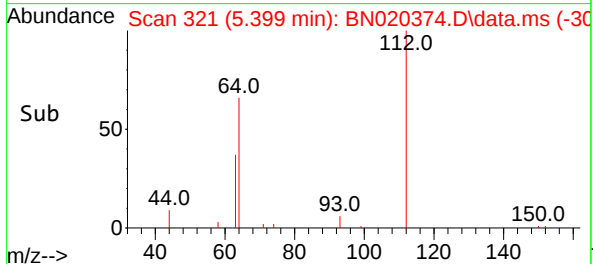
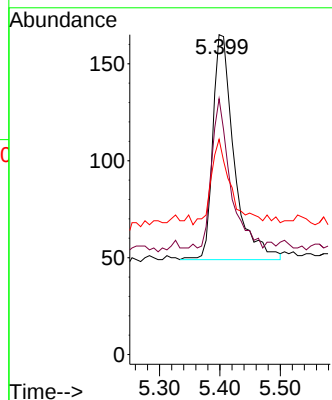
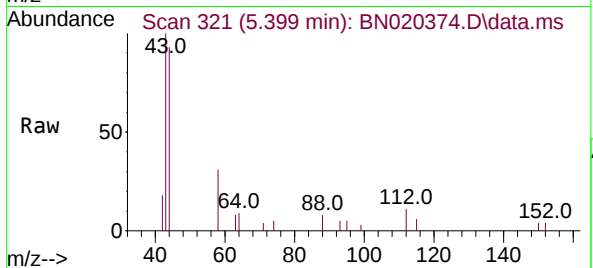




#4  
2-Fluorophenol  
Concen: 0.410 ng  
RT: 5.399 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: BN020374.D  
Acq: 23 Jun 2022 15:22

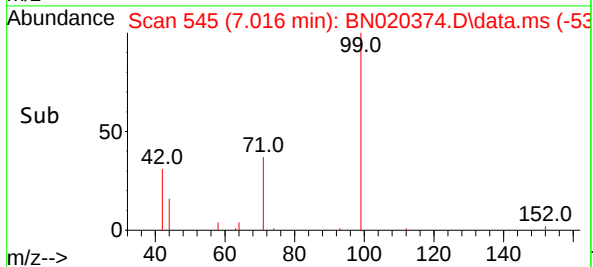
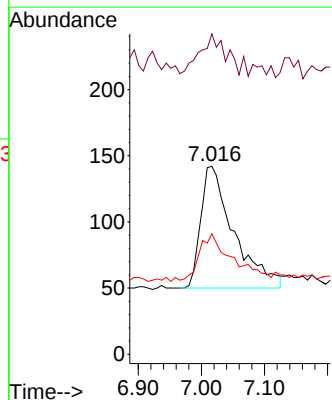
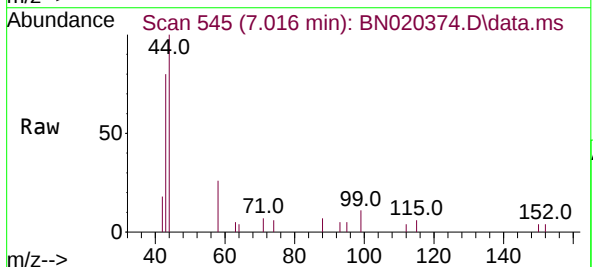
Instrument :  
BNA\_N  
ClientSampleId :  
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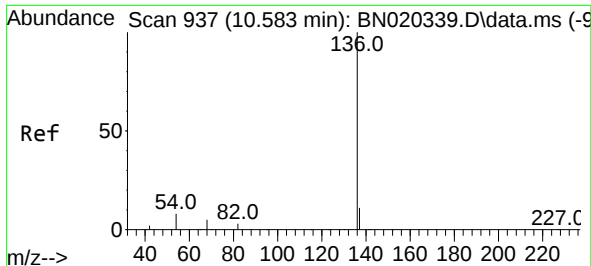
Tgt Ion:112 Resp: 285  
Ion Ratio Lower Upper  
112 100  
64 57.2 49.1 73.7  
63 34.4 26.3 39.5



#5  
Phenol-d6  
Concen: 0.374 ng  
RT: 7.016 min Scan# 545  
Delta R.T. 0.007 min  
Lab File: BN020374.D  
Acq: 23 Jun 2022 15:22

Tgt Ion: 99 Resp: 335  
Ion Ratio Lower Upper  
99 100  
42 25.7 19.3 28.9  
71 40.0 27.5 41.3

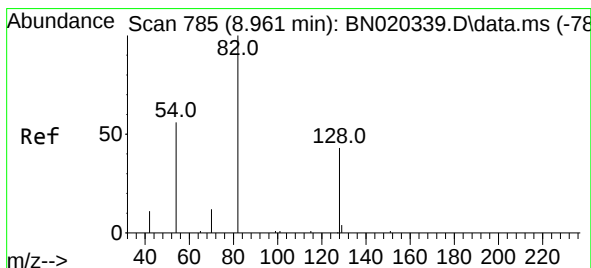
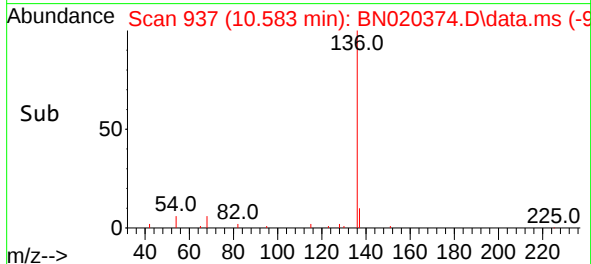
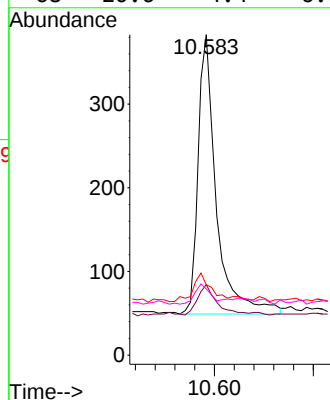
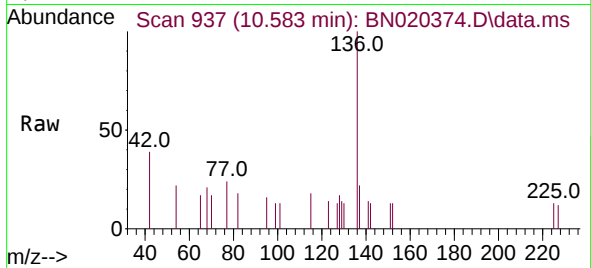




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.583 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN020374.D  
Acq: 23 Jun 2022 15:22

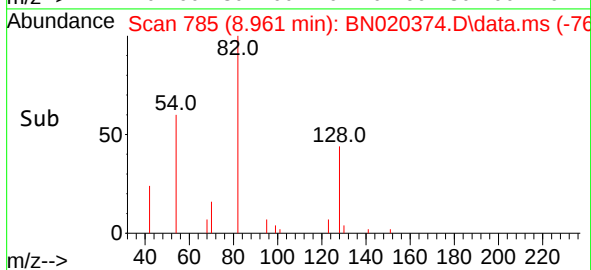
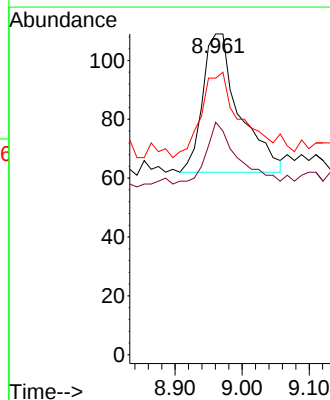
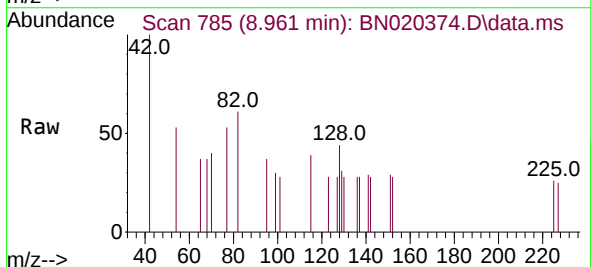
Instrument :  
BNA\_N  
ClientSampleId :  
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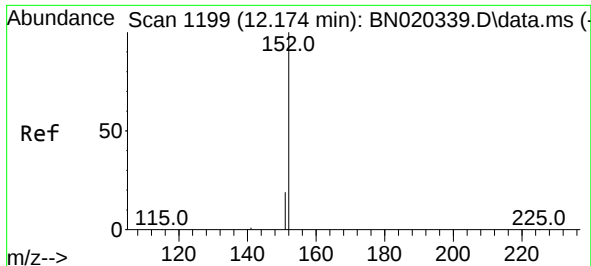
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 854   |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 21.9  | 9.0   | 13.6# |
| 54       | 21.9  | 6.2   | 9.2#  |
| 68       | 20.6  | 4.4   | 6.6#  |



#8  
Nitrobenzene-d5  
Concen: 0.300 ng  
RT: 8.961 min Scan# 785  
Delta R.T. -0.000 min  
Lab File: BN020374.D  
Acq: 23 Jun 2022 15:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 179   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 72.5  | 35.0  | 52.6# |
| 54       | 86.2  | 46.2  | 69.4# |

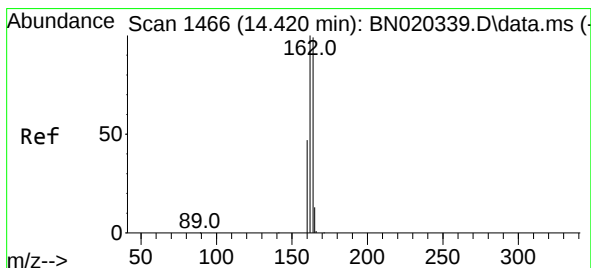
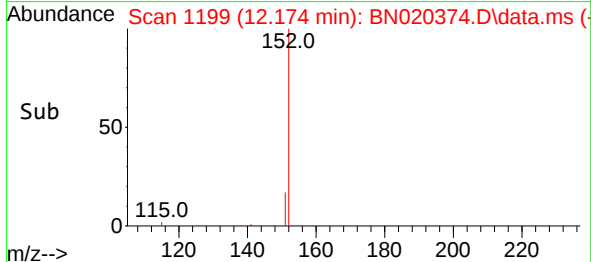
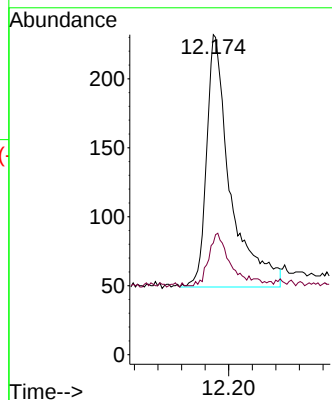
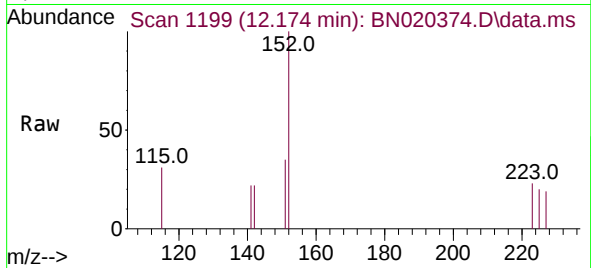




#11  
2-Methylnaphthalene-d10  
Concen: 0.322 ng  
RT: 12.174 min Scan# 1199  
Delta R.T. -0.000 min  
Lab File: BN020374.D  
Acq: 23 Jun 2022 15:22

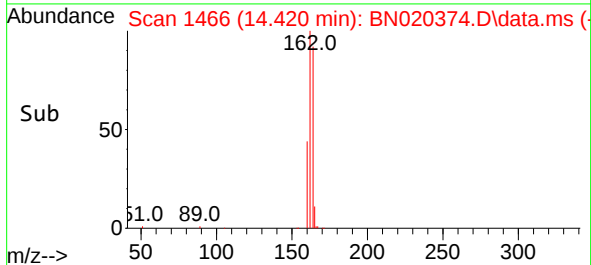
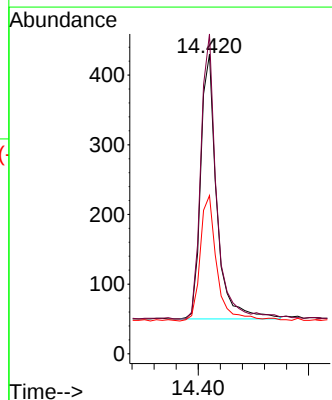
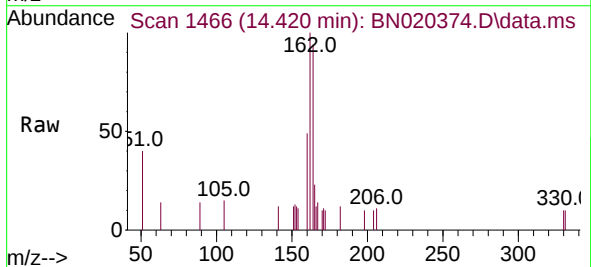
Instrument :  
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ClientSampleId :  
PB145588BL

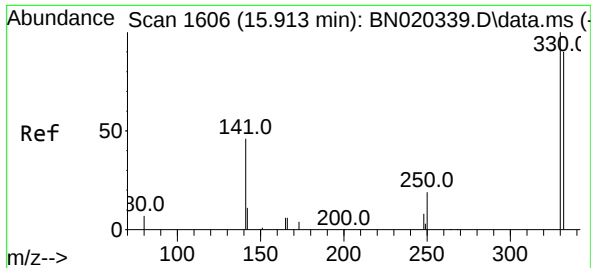
Tgt Ion:152 Resp: 511  
Ion Ratio Lower Upper  
152 100  
151 0.0 16.2 24.4#



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.420 min Scan# 1466  
Delta R.T. -0.000 min  
Lab File: BN020374.D  
Acq: 23 Jun 2022 15:22

Tgt Ion:164 Resp: 770  
Ion Ratio Lower Upper  
164 100  
162 106.7 82.1 123.1  
160 52.8 38.6 58.0

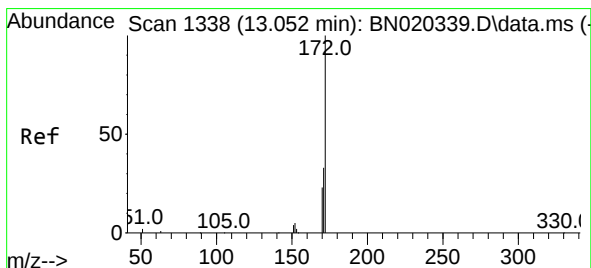
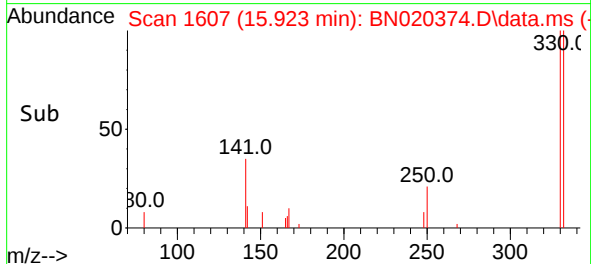
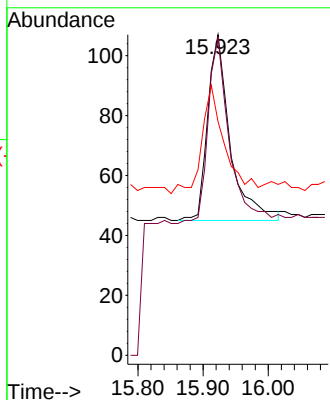
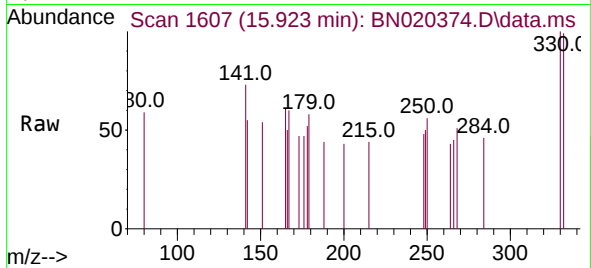




#14  
2,4,6-Tribromophenol  
Concen: 0.407 ng  
RT: 15.923 min Scan# 1607  
Delta R.T. 0.010 min  
Lab File: BN020374.D  
Acq: 23 Jun 2022 15:22

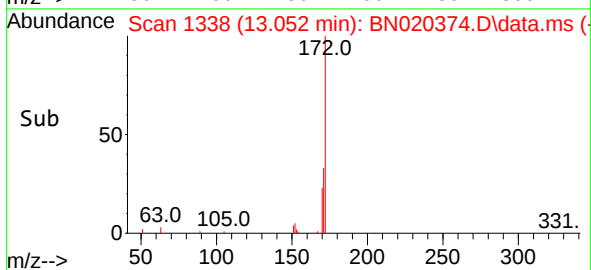
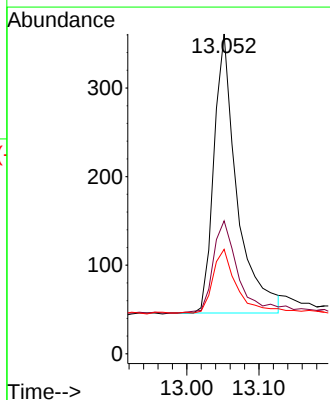
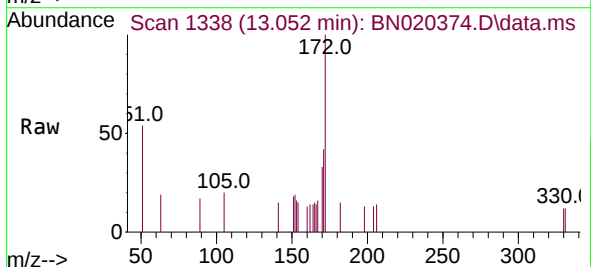
Instrument :  
BNA\_N  
ClientSampleId :  
PB145588BL

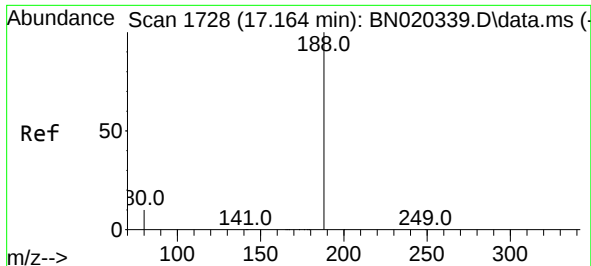
Tgt Ion:330 Resp: 149  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.6 116.4  
141 58.4 41.0 61.4



#15  
2-Fluorobiphenyl  
Concen: 0.253 ng  
RT: 13.052 min Scan# 1338  
Delta R.T. -0.000 min  
Lab File: BN020374.D  
Acq: 23 Jun 2022 15:22

Tgt Ion:172 Resp: 697  
Ion Ratio Lower Upper  
172 100  
171 41.6 27.2 40.8#  
170 32.7 18.2 27.4#

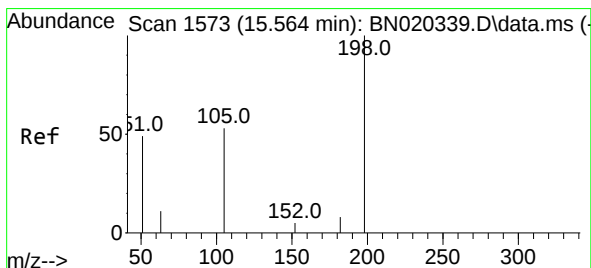
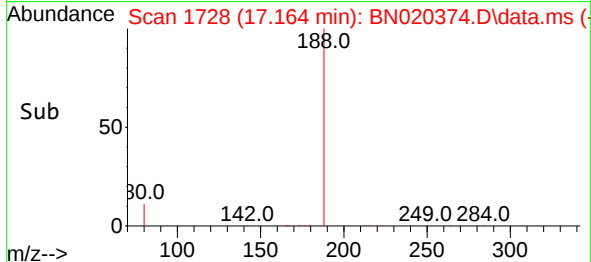
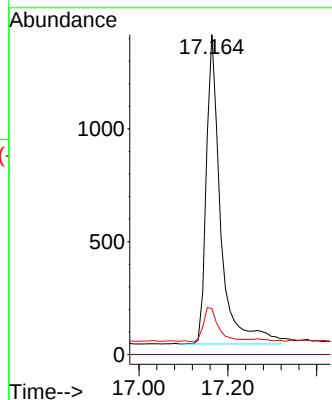
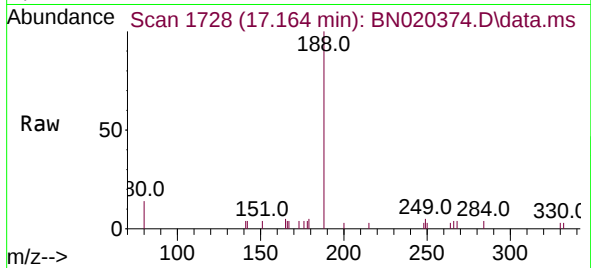




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.164 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN020374.D  
Acq: 23 Jun 2022 15:22

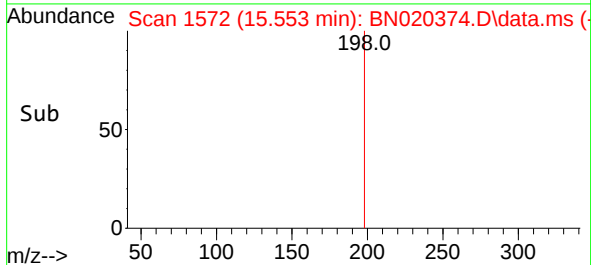
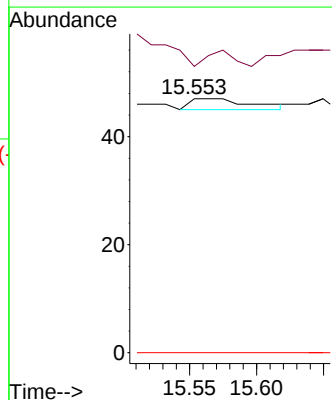
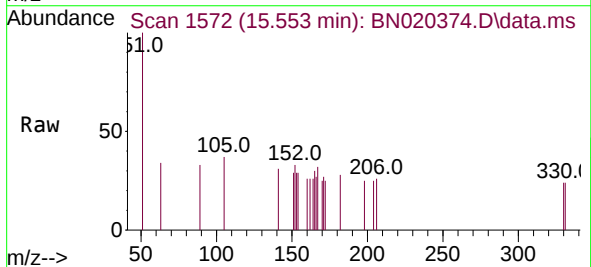
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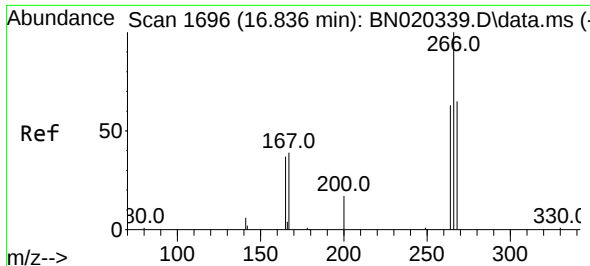
Tgt Ion:188 Resp: 3071  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.4 7.4 11.2#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.123 ng  
RT: 15.553 min Scan# 1572  
Delta R.T. -0.011 min  
Lab File: BN020374.D  
Acq: 23 Jun 2022 15:22

Tgt Ion:198 Resp: 6  
Ion Ratio Lower Upper  
198 100  
182 112.8 12.1 18.1#  
77 0.0 0.0 0.0

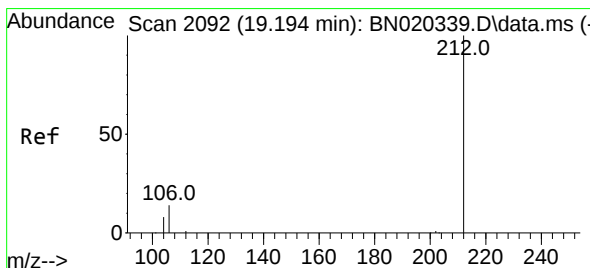
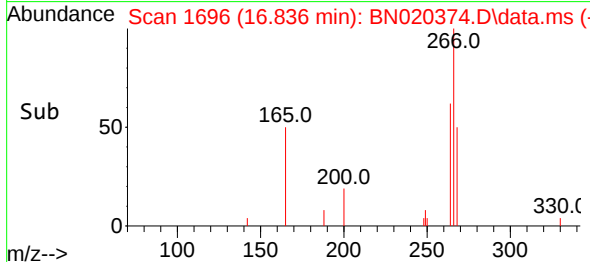
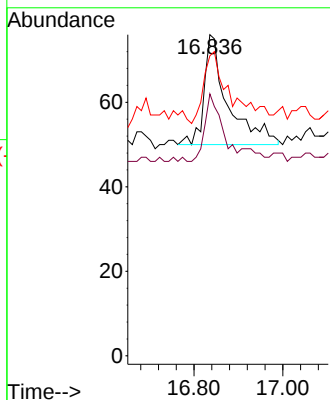
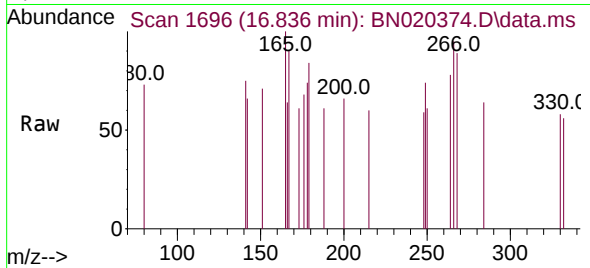




#24  
 Pentachlorophenol  
 Concen: 0.115 ng  
 RT: 16.836 min Scan# 1696  
 Delta R.T. -0.000 min  
 Lab File: BN020374.D  
 Acq: 23 Jun 2022 15:22

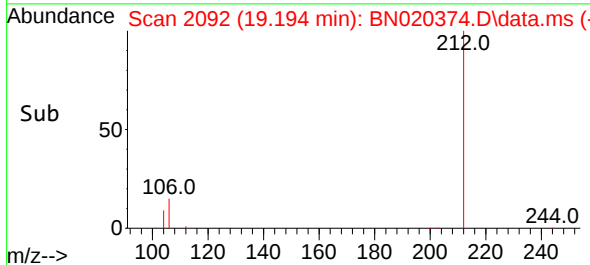
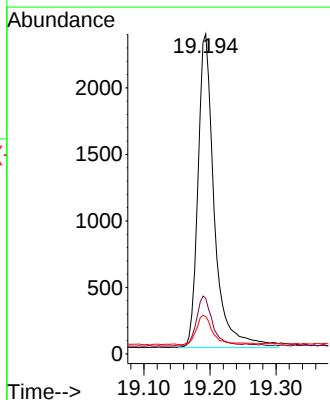
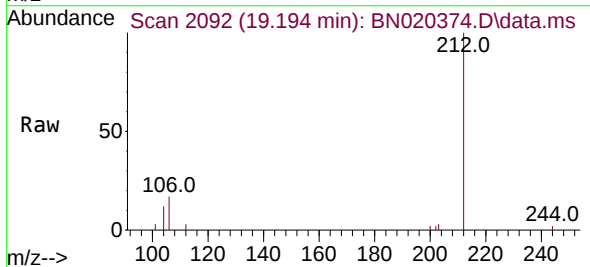
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 ClientSampleId :  
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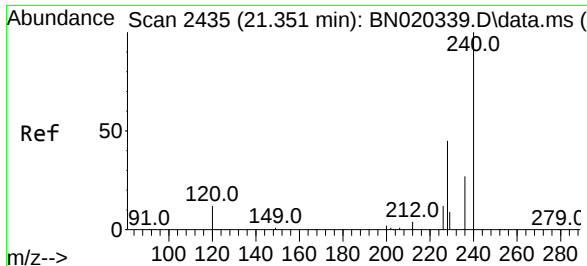
Tgt Ion:266 Resp: 97  
 Ion Ratio Lower Upper  
 266 100  
 264 43.3 51.3 76.9#  
 268 75.3 52.6 79.0



#27  
 Fluoranthene-d10  
 Concen: 0.378 ng  
 RT: 19.194 min Scan# 2092  
 Delta R.T. -0.000 min  
 Lab File: BN020374.D  
 Acq: 23 Jun 2022 15:22

Tgt Ion:212 Resp: 4071  
 Ion Ratio Lower Upper  
 212 100  
 106 15.5 12.6 19.0  
 104 9.5 7.2 10.8

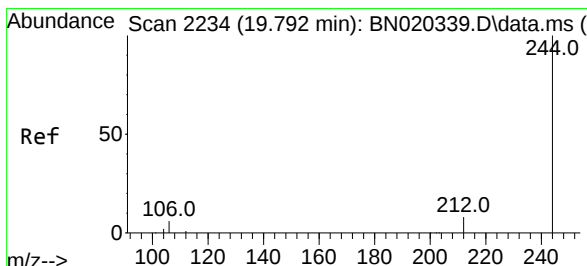
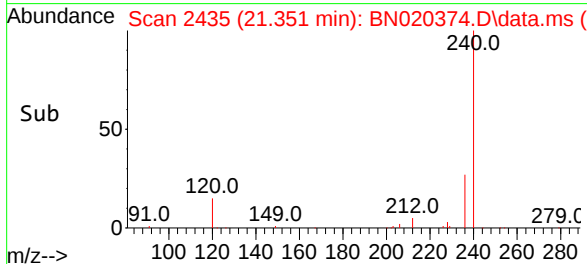
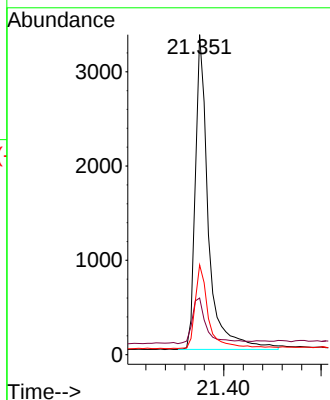
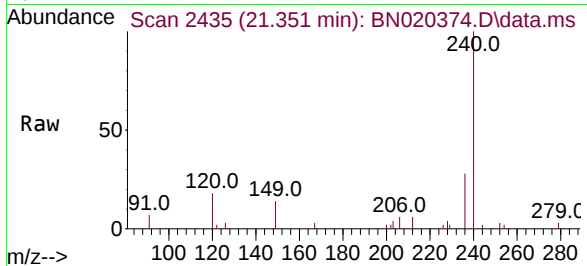




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.351 min Scan# 2435  
Delta R.T. -0.000 min  
Lab File: BN020374.D  
Acq: 23 Jun 2022 15:22

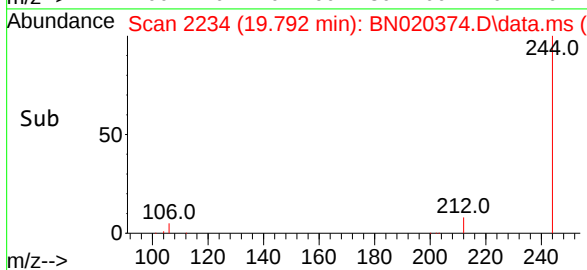
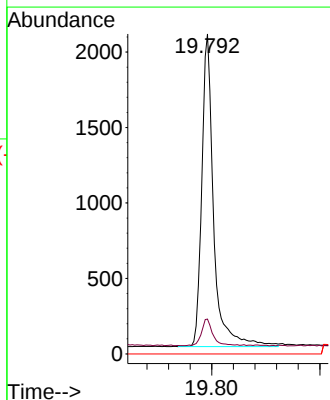
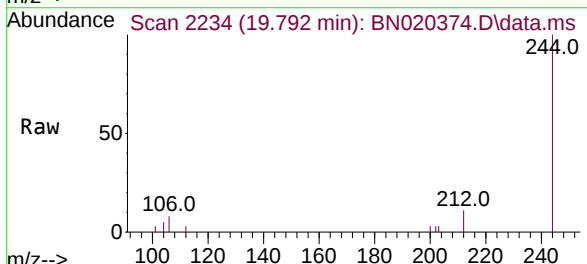
Instrument :  
BNA\_N  
ClientSampleId :  
PB145588BL

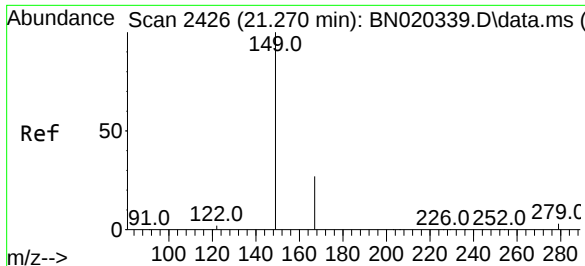
Tgt Ion:240 Resp: 6230  
Ion Ratio Lower Upper  
240 100  
120 17.7 14.6 21.8  
236 28.0 22.6 33.8



#31  
Terphenyl-d14  
Concen: 0.254 ng  
RT: 19.792 min Scan# 2234  
Delta R.T. -0.000 min  
Lab File: BN020374.D  
Acq: 23 Jun 2022 15:22

Tgt Ion:244 Resp: 3152  
Ion Ratio Lower Upper  
244 100  
212 10.9 7.1 10.7#  
122 0.0 0.0 0.0

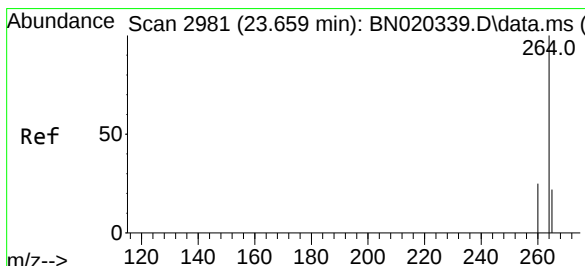
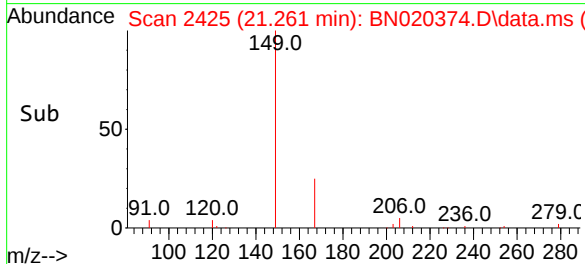
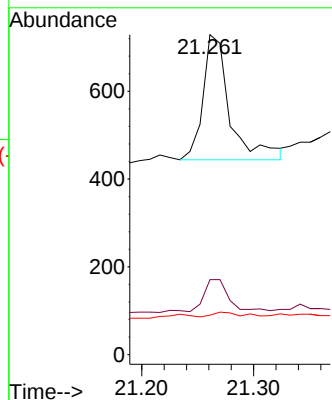
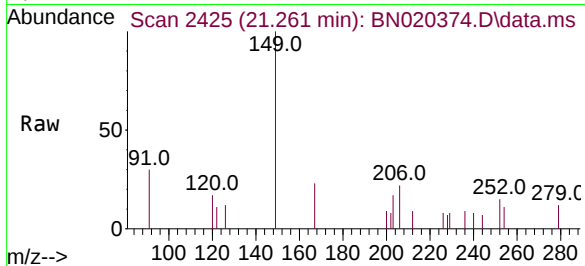




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.046 ng  
 RT: 21.261 min Scan# 2425  
 Delta R.T. -0.009 min  
 Lab File: BN020374.D  
 Acq: 23 Jun 2022 15:22

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB145588BL

Tgt Ion:149 Resp: 475  
 Ion Ratio Lower Upper  
 149 100  
 167 25.1 21.7 32.5  
 279 4.0 2.2 3.2#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.662 min Scan# 2982  
 Delta R.T. 0.003 min  
 Lab File: BN020374.D  
 Acq: 23 Jun 2022 15:22

Tgt Ion:264 Resp: 8042  
 Ion Ratio Lower Upper  
 264 100  
 260 26.3 20.9 31.3  
 265 47.9 28.0 42.0#

