

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062822\  
 Data File : BN020542.D  
 Acq On : 28 Jun 2022 20:11  
 Operator : CG/JU  
 Sample : N3386-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE105D2-20220613

Quant Time: Jun 29 00:19:06 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 27 02:03:21 2022  
 Response via : Initial Calibration

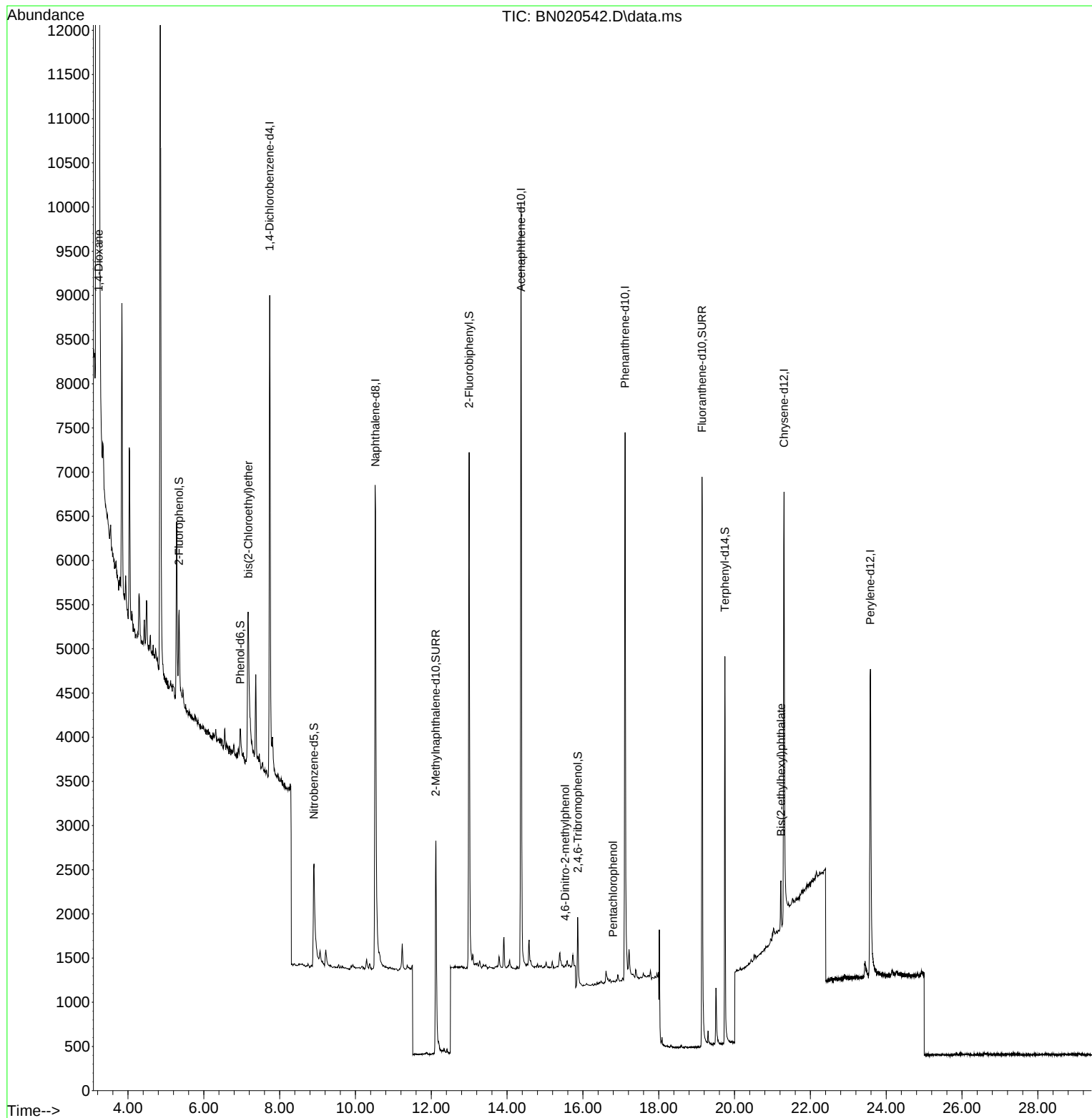
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.739  | 152  | 3162     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.530 | 136  | 9677     | 0.400 | ng    | 0.01     |
| 13) Acenaphthene-d10          | 14.367 | 164  | 5357     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.113 | 188  | 9503     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.306 | 240  | 6258     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.583 | 264  | 5881     | 0.400 | ng    | #-0.02   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.348  | 112  | 1021     | 0.116 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.959  | 99   | 568      | 0.054 | ng    | 0.01     |
| 8) Nitrobenzene-d5            | 8.907  | 82   | 1797     | 0.229 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.121 | 152  | 4519     | 0.272 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.861 | 330  | 445      | 0.220 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.998 | 172  | 5907     | 0.267 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.143 | 212  | 8027     | 0.284 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.746 | 244  | 5294     | 0.354 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.225  | 88   | 13577    | 3.276 | ng    | 90       |
| 6) bis(2-Chloroethyl)ether    | 7.175  | 93   | 564      | 0.063 | ng    | 97       |
| 20) 4,6-Dinitro-2-methylph... | 15.532 | 198  | 3        | 0.227 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.795 | 266  | 8        | 0.188 | ng    | # 6      |
| 34) Bis(2-ethylhexyl)phtha... | 21.225 | 149  | 607      | 0.048 | ng    | # 99     |
| -----                         |        |      |          |       |       |          |

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

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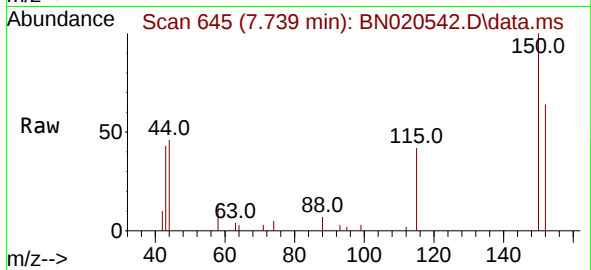
Quant Time: Jun 29 00:19:06 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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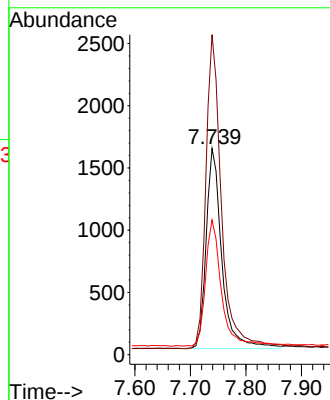
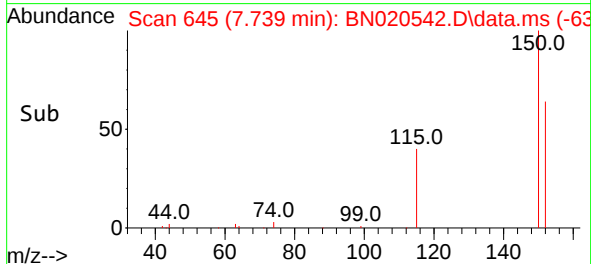


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.739 min Scan# 64  
 Delta R.T. -0.000 min  
 Lab File: BN020542.D  
 Acq: 28 Jun 2022 20:11

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE105D2-20220613

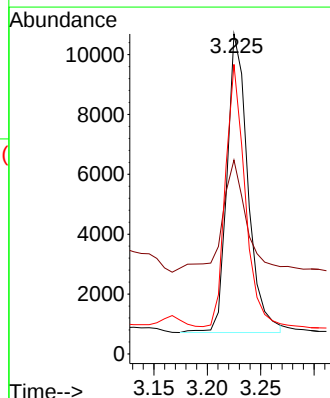
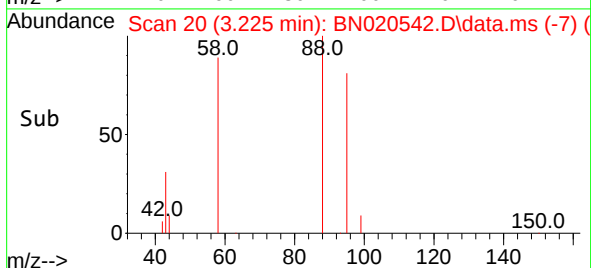
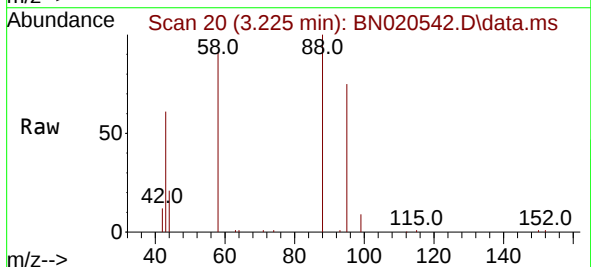


Tgt Ion:152 Resp: 3162  
 Ion Ratio Lower Upper  
 152 100  
 150 155.2 127.9 191.9  
 115 65.3 51.4 77.2



#2  
 1,4-Dioxane  
 Concen: 3.276 ng  
 RT: 3.225 min Scan# 20  
 Delta R.T. -0.007 min  
 Lab File: BN020542.D  
 Acq: 28 Jun 2022 20:11

Tgt Ion: 88 Resp: 13577  
 Ion Ratio Lower Upper  
 88 100  
 43 43.6 30.2 45.2  
 58 81.7 73.0 109.6

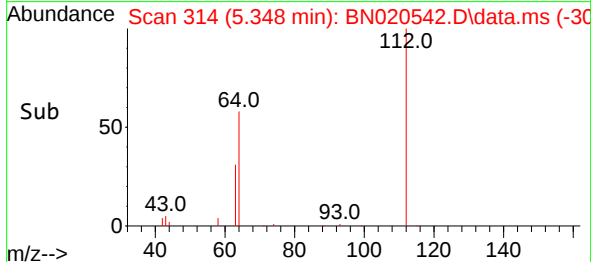
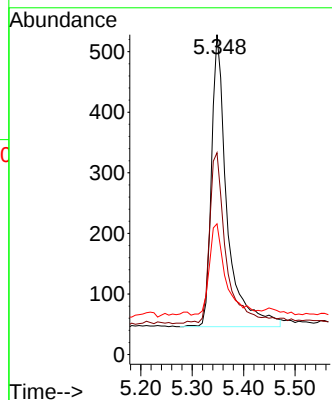
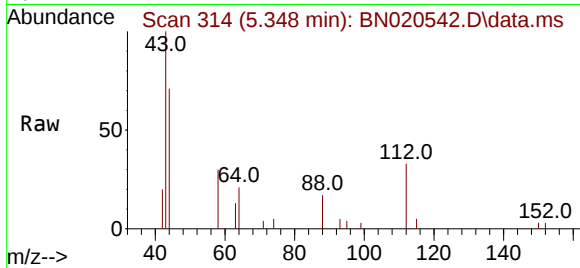




#4  
2-Fluorophenol  
Concen: 0.116 ng  
RT: 5.348 min Scan# 314  
Delta R.T. -0.000 min  
Lab File: BN020542.D  
Acq: 28 Jun 2022 20:11

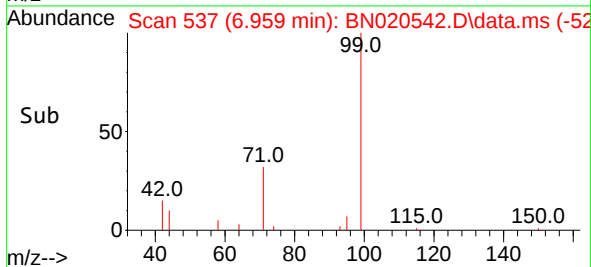
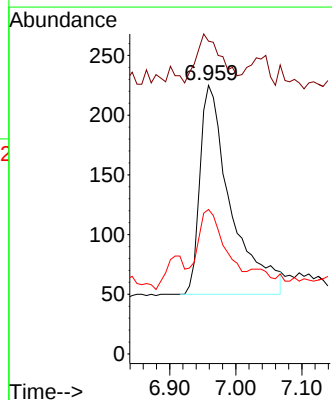
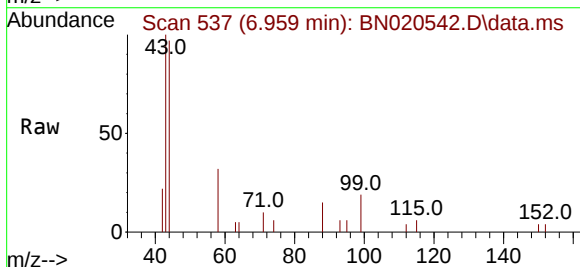
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BNA\_N  
ClientSampleId :  
RE105D2-20220613

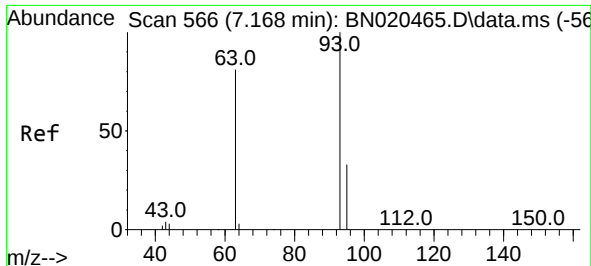
Tgt Ion: 112 Resp: 1021  
Ion Ratio Lower Upper  
112 100  
64 61.3 49.1 73.7  
63 33.1 26.3 39.5



#5  
Phenol-d6  
Concen: 0.054 ng  
RT: 6.959 min Scan# 537  
Delta R.T. 0.014 min  
Lab File: BN020542.D  
Acq: 28 Jun 2022 20:11

Tgt Ion: 99 Resp: 568  
Ion Ratio Lower Upper  
99 100  
42 19.5 19.3 28.9  
71 26.2 27.5 41.3#

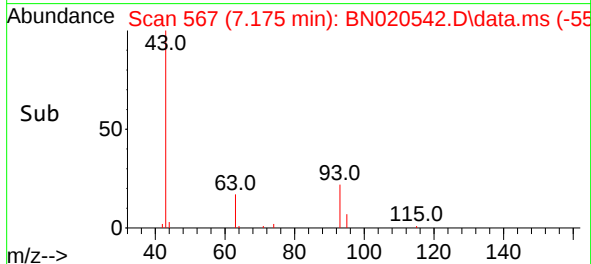
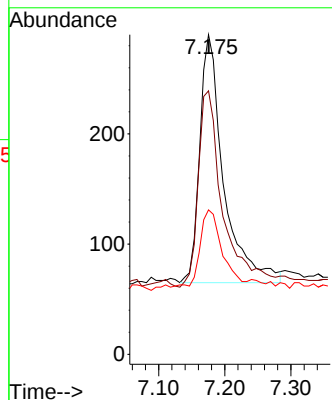
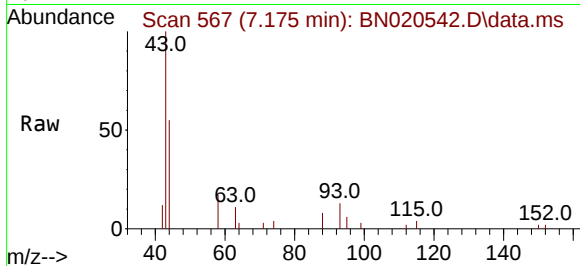




#6  
bis(2-Chloroethyl)ether  
Concen: 0.063 ng  
RT: 7.175 min Scan# 566  
Delta R.T. 0.007 min  
Lab File: BN020542.D  
Acq: 28 Jun 2022 20:11

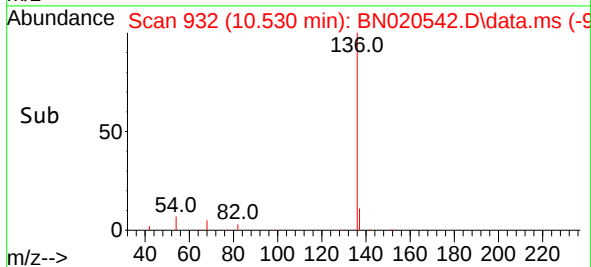
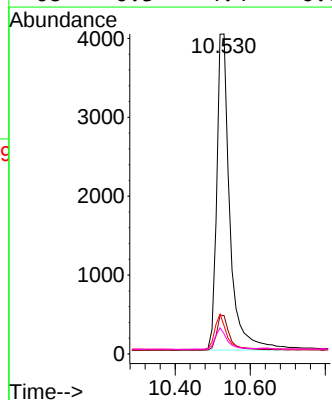
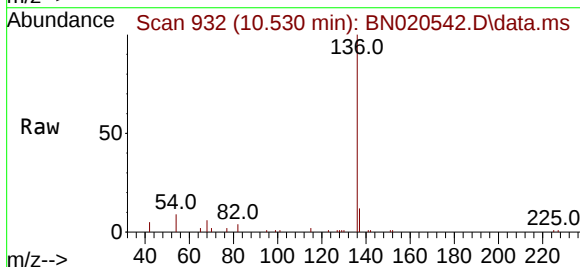
Instrument :  
BNA\_N  
ClientSampleId :  
RE105D2-20220613

Tgt Ion: 93 Resp: 564  
Ion Ratio Lower Upper  
93 100  
63 82.3 67.4 101.0  
95 29.4 26.5 39.7



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.530 min Scan# 932  
Delta R.T. 0.011 min  
Lab File: BN020542.D  
Acq: 28 Jun 2022 20:11

Tgt Ion: 136 Resp: 9677  
Ion Ratio Lower Upper  
136 100  
137 12.0 9.0 13.6  
54 8.8 6.2 9.2  
68 6.3 4.4 6.6

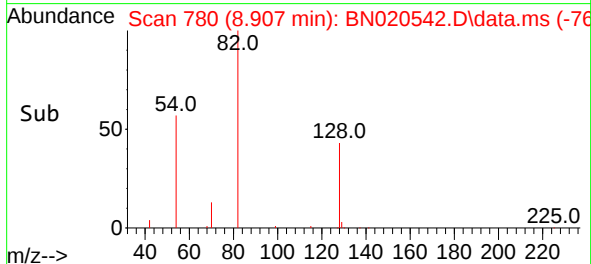
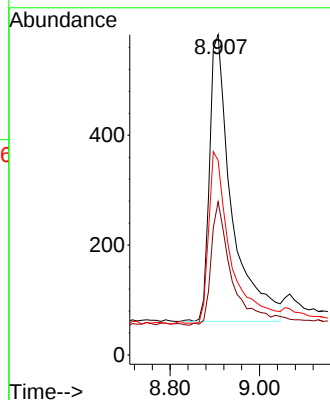
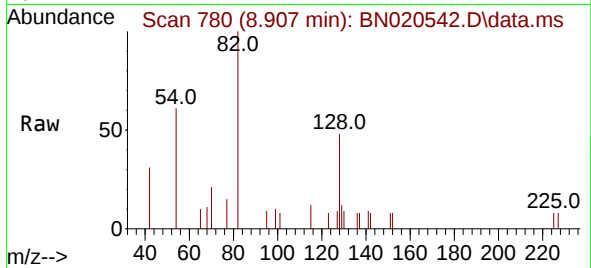




#8  
Nitrobenzene-d5  
Concen: 0.229 ng  
RT: 8.907 min Scan# 779  
Delta R.T. 0.011 min  
Lab File: BN020542.D  
Acq: 28 Jun 2022 20:11

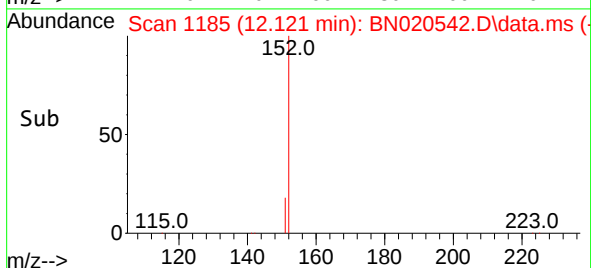
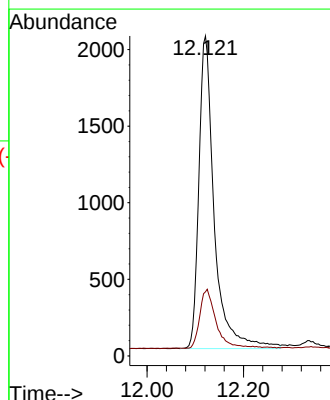
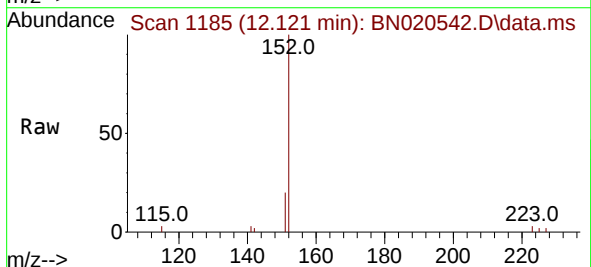
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ClientSampleId :  
RE105D2-20220613

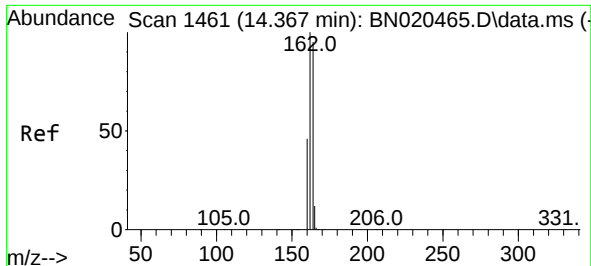
Tgt Ion: 82 Resp: 1797  
Ion Ratio Lower Upper  
82 100  
128 47.9 35.0 52.6  
54 60.7 46.2 69.4



#11  
2-Methylnaphthalene-d10  
Concen: 0.272 ng  
RT: 12.121 min Scan# 1185  
Delta R.T. -0.000 min  
Lab File: BN020542.D  
Acq: 28 Jun 2022 20:11

Tgt Ion: 152 Resp: 4519  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.2 24.4

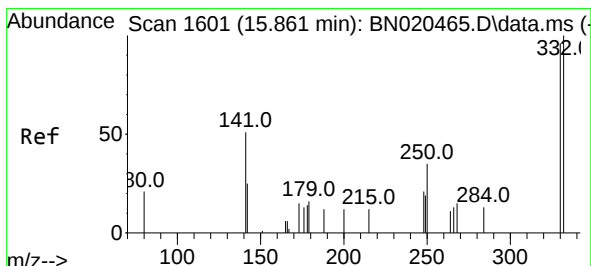
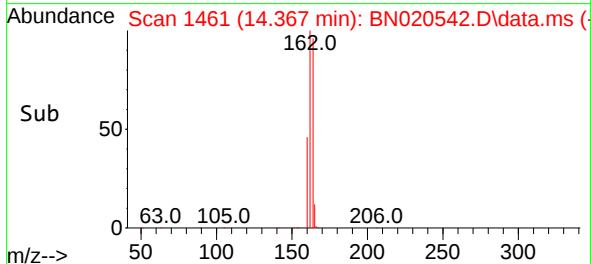
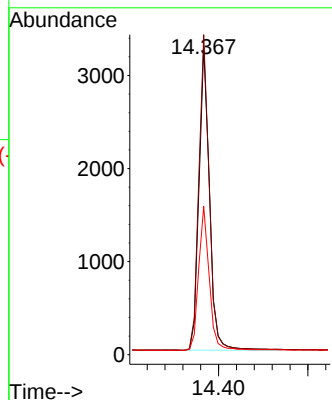
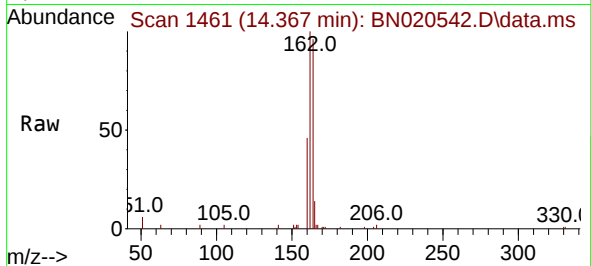




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.367 min Scan# 1461  
Delta R.T. -0.000 min  
Lab File: BN020542.D  
Acq: 28 Jun 2022 20:11

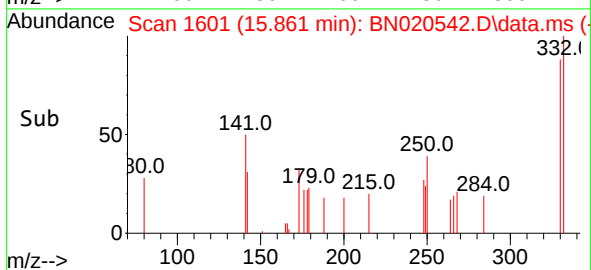
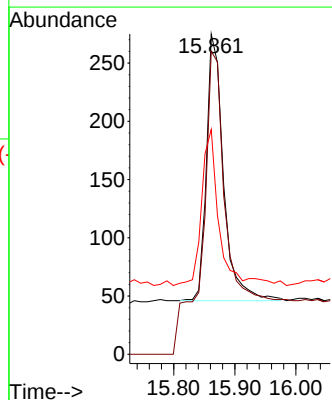
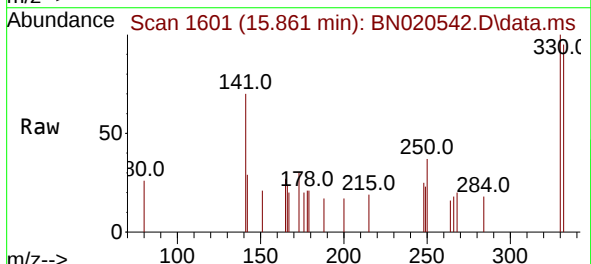
Instrument :  
BNA\_N  
ClientSampleId :  
RE105D2-20220613

Tgt Ion:164 Resp: 5357  
Ion Ratio Lower Upper  
164 100  
162 104.1 82.1 123.1  
160 48.2 38.6 58.0



#14  
2,4,6-Tribromophenol  
Concen: 0.220 ng  
RT: 15.861 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: BN020542.D  
Acq: 28 Jun 2022 20:11

Tgt Ion:330 Resp: 445  
Ion Ratio Lower Upper  
330 100  
332 195.5 77.6 116.4#  
141 57.1 41.0 61.4

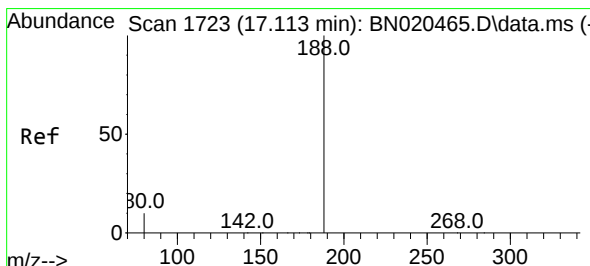
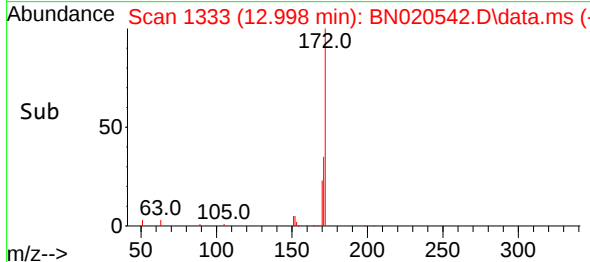
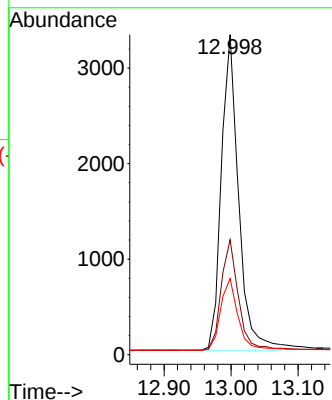
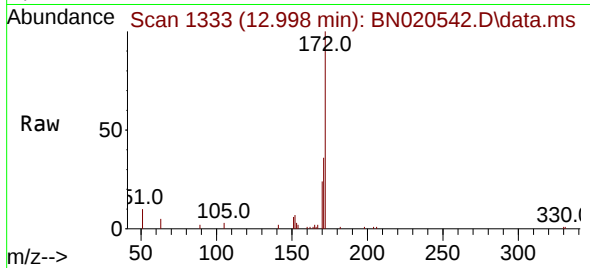




#15  
2-Fluorobiphenyl  
Concen: 0.267 ng  
RT: 12.998 min Scan# 1333  
Delta R.T. -0.000 min  
Lab File: BN020542.D  
Acq: 28 Jun 2022 20:11

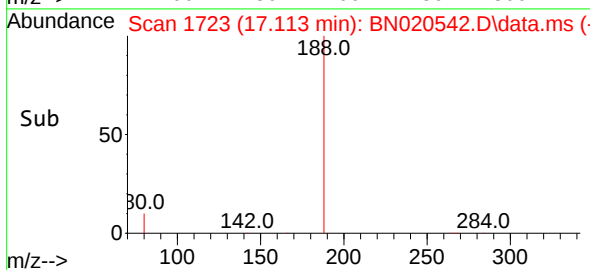
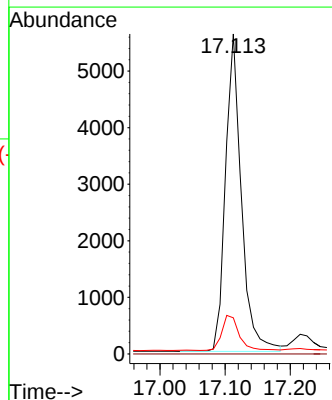
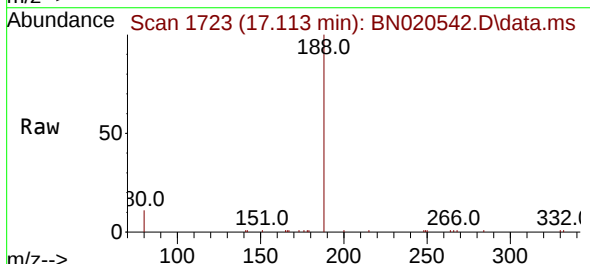
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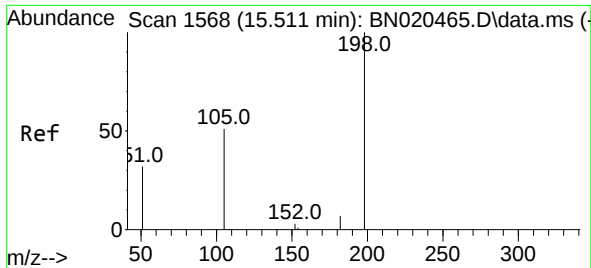
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|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 5907  |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 35.9  | 27.2  | 40.8  |
| 170      | 23.8  | 18.2  | 27.4  |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.113 min Scan# 1723  
Delta R.T. -0.000 min  
Lab File: BN020542.D  
Acq: 28 Jun 2022 20:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 9503  |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 11.3  | 7.4   | 11.2  |

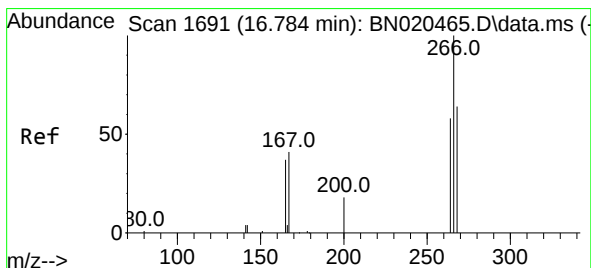
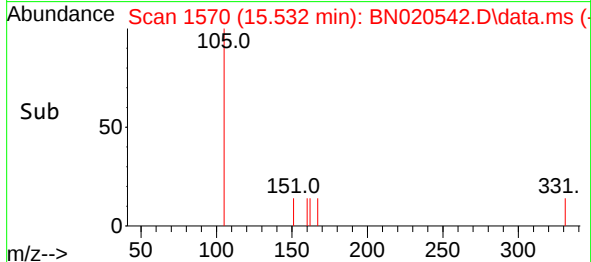
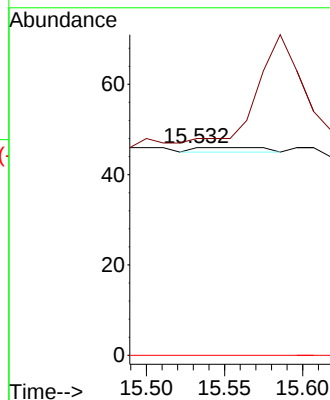
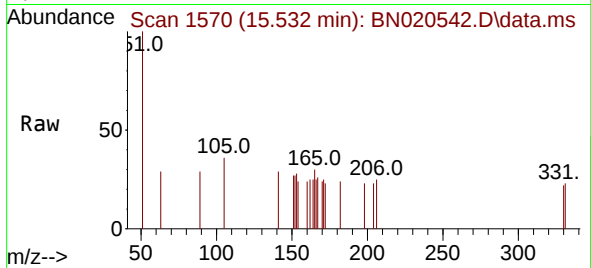




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.227 ng  
RT: 15.532 min Scan# 1570  
Delta R.T. 0.021 min  
Lab File: BN020542.D  
Acq: 28 Jun 2022 20:11

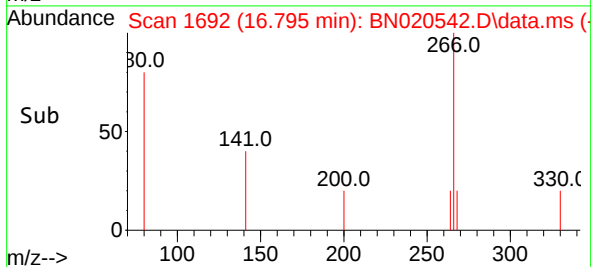
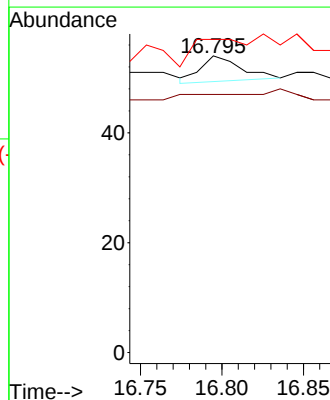
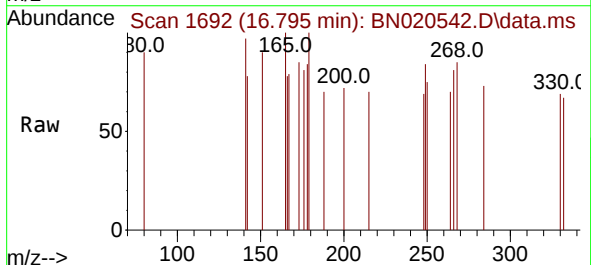
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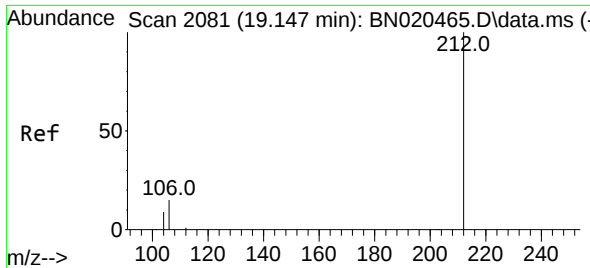
Tgt Ion:198 Resp: 3  
Ion Ratio Lower Upper  
198 100  
182 104.3 12.1 18.1#  
77 0.0 0.0 0.0



#24  
Pentachlorophenol  
Concen: 0.188 ng  
RT: 16.795 min Scan# 1692  
Delta R.T. 0.011 min  
Lab File: BN020542.D  
Acq: 28 Jun 2022 20:11

Tgt Ion:266 Resp: 8  
Ion Ratio Lower Upper  
266 100  
264 0.0 51.3 76.9#  
268 150.0 52.6 79.0#

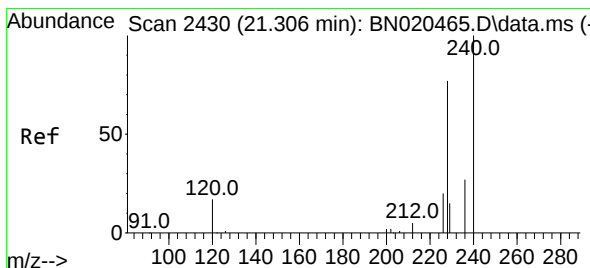
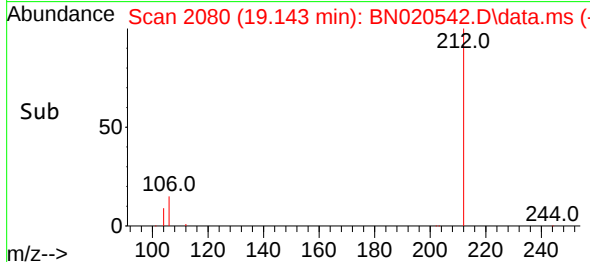
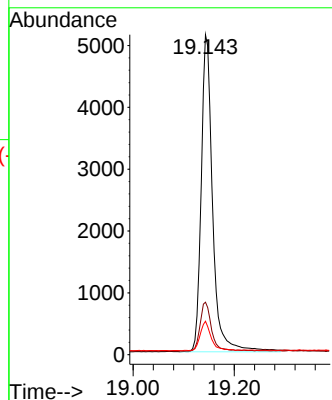
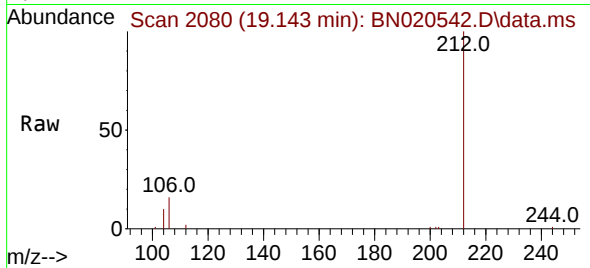




#27  
Fluoranthene-d10  
Concen: 0.284 ng  
RT: 19.143 min Scan# 2080  
Delta R.T. -0.004 min  
Lab File: BN020542.D  
Acq: 28 Jun 2022 20:11

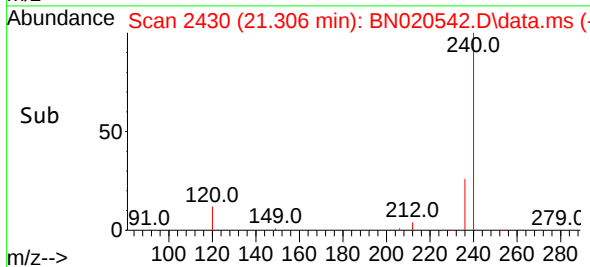
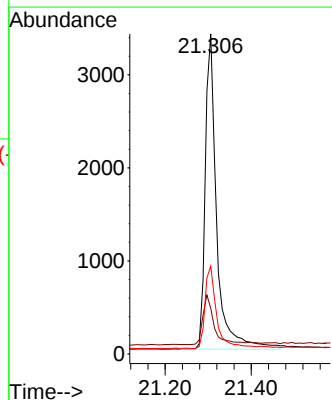
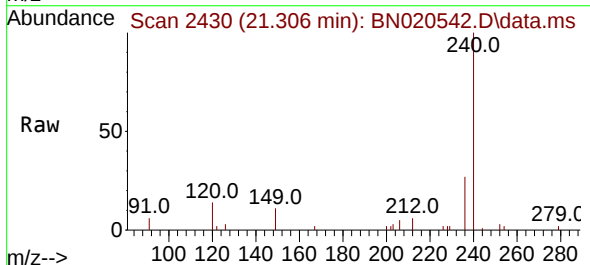
Instrument :  
BNA\_N  
ClientSampleId :  
RE105D2-20220613

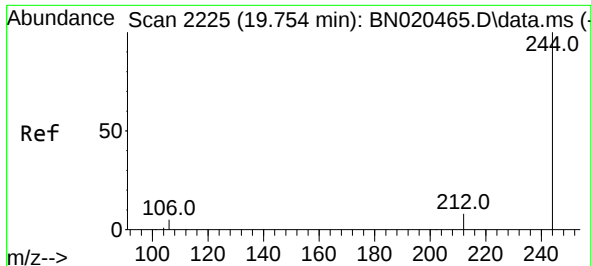
Tgt Ion:212 Resp: 8027  
Ion Ratio Lower Upper  
212 100  
106 15.3 12.6 19.0  
104 8.8 7.2 10.8



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.306 min Scan# 2430  
Delta R.T. -0.000 min  
Lab File: BN020542.D  
Acq: 28 Jun 2022 20:11

Tgt Ion:240 Resp: 6258  
Ion Ratio Lower Upper  
240 100  
120 14.3 14.6 21.8#  
236 27.5 22.6 33.8

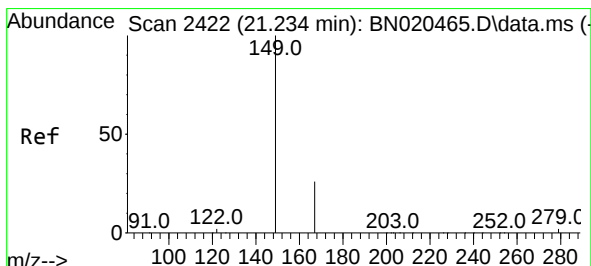
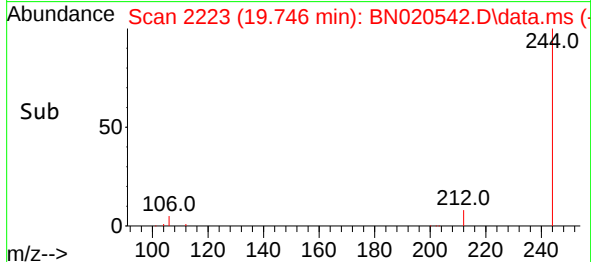
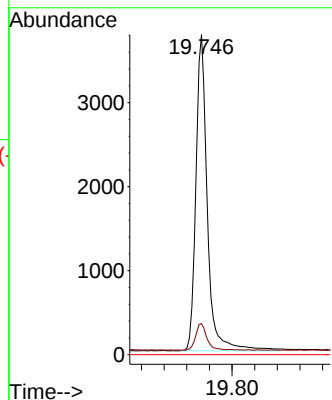
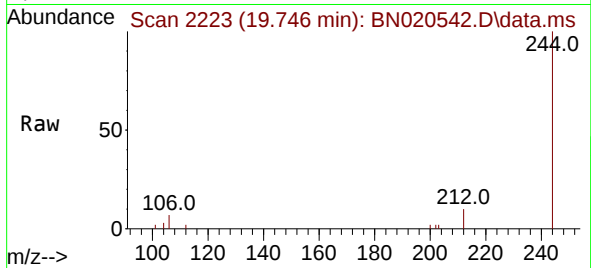




#31  
 Terphenyl-d14  
 Concen: 0.354 ng  
 RT: 19.746 min Scan# 21  
 Delta R.T. -0.008 min  
 Lab File: BN020542.D  
 Acq: 28 Jun 2022 20:11

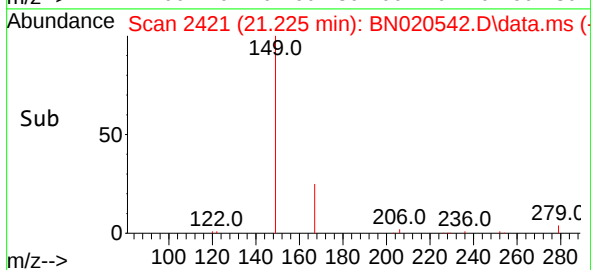
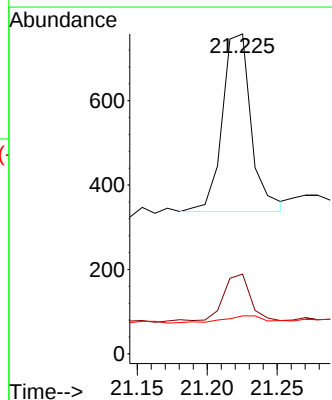
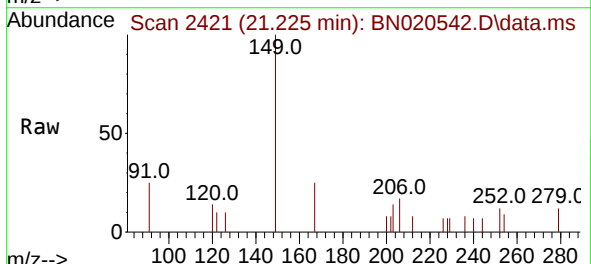
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE105D2-20220613

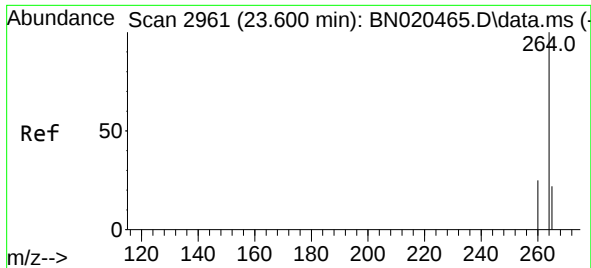
Tgt Ion:244 Resp: 5294  
 Ion Ratio Lower Upper  
 244 100  
 212 9.7 7.1 10.7  
 122 0.0 0.0 0.0



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.048 ng  
 RT: 21.225 min Scan# 2421  
 Delta R.T. -0.009 min  
 Lab File: BN020542.D  
 Acq: 28 Jun 2022 20:11

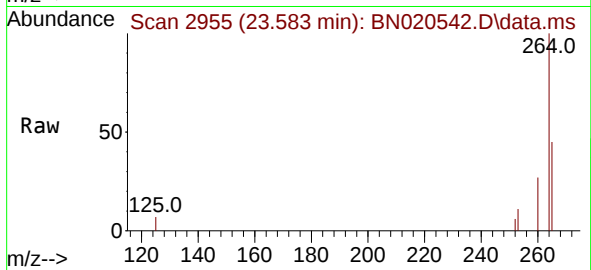
Tgt Ion:149 Resp: 607  
 Ion Ratio Lower Upper  
 149 100  
 167 27.0 21.7 32.5  
 279 6.4 2.2 3.2#





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.583 min Scan# 2955  
 Delta R.T. -0.018 min  
 Lab File: BN020542.D  
 Acq: 28 Jun 2022 20:11

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE105D2-20220613



Tgt Ion:264 Resp: 5881  
 Ion Ratio Lower Upper  
 264 100  
 260 27.2 20.9 31.3  
 265 45.3 28.0 42.0#

