

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020524\  
 Data File : BN029510.D  
 Acq On : 05 Feb 2024 16:22  
 Operator : MA/JU  
 Sample : P1347-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Feb 05 17:12:06 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 01 01:51:59 2024  
 Response via : Initial Calibration

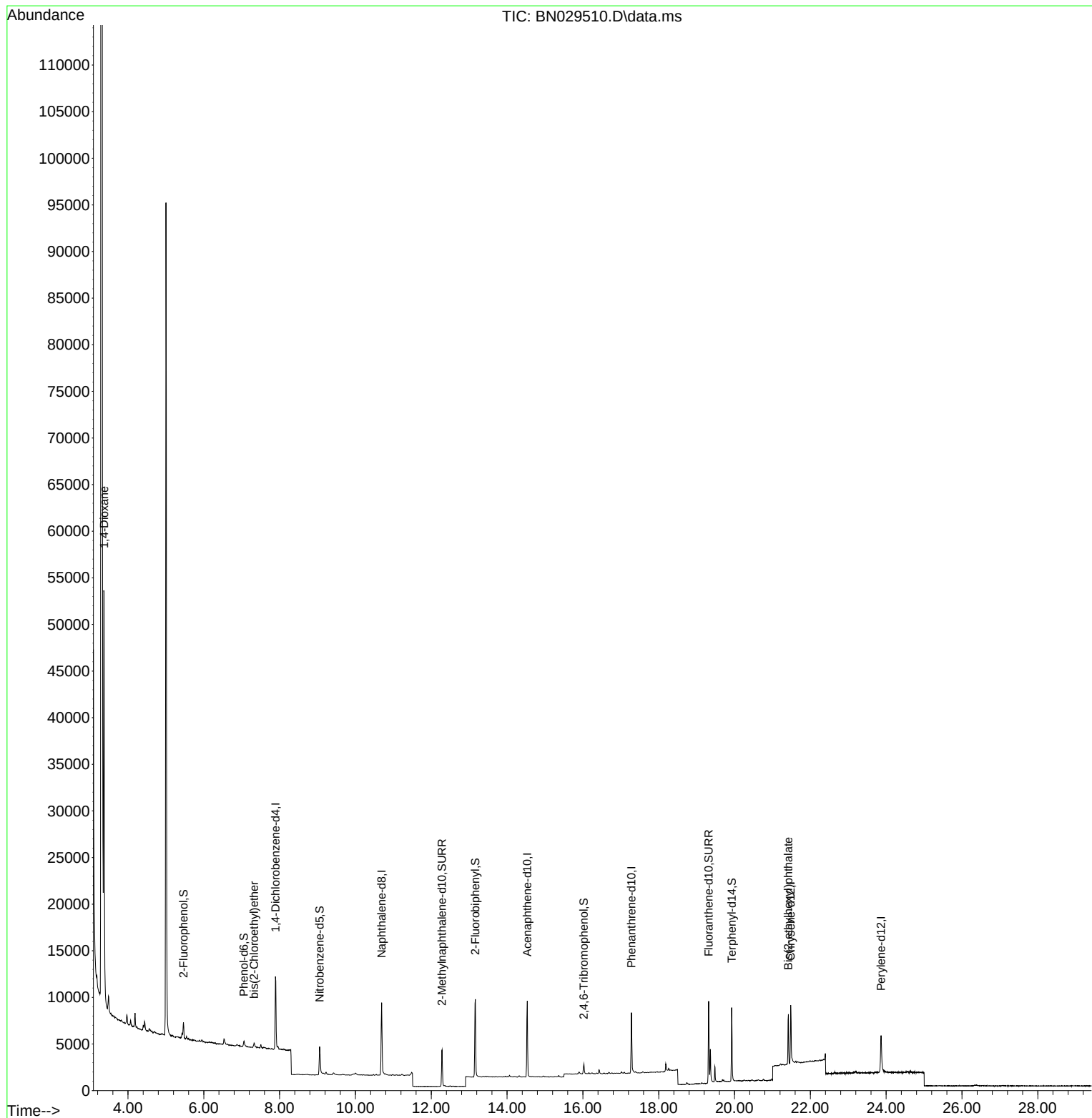
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.890  | 152  | 3939     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.690 | 136  | 10728    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.532 | 164  | 4708     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.280 | 188  | 8814     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.483 | 240  | 6673     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.864 | 264  | 6536     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.464  | 112  | 1367     | 0.144 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.060  | 99   | 836      | 0.077 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.057  | 82   | 3237     | 0.362 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.284 | 152  | 5662     | 0.388 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.026 | 330  | 597      | 0.395 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.164 | 172  | 8161     | 0.404 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.317 | 212  | 9795     | 0.459 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.926 | 244  | 7900     | 0.477 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.369  | 88   | 26950    | 4.860 | ng    | 99       |
| 6) bis(2-Chloroethyl)ether    | 7.327  | 93   | 504      | 0.048 | ng    | # 82     |
| 34) Bis(2-ethylhexyl)phtha... | 21.420 | 149  | 5459     | 0.351 | ng    | # 97     |
| -----                         |        |      |          |       |       |          |

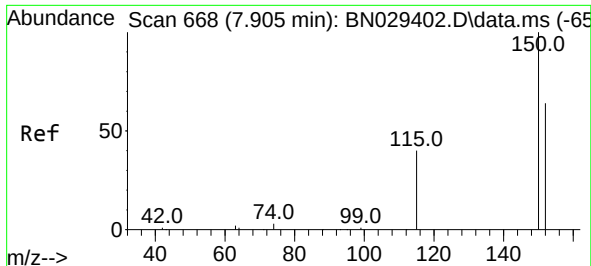
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
BNA\_N  
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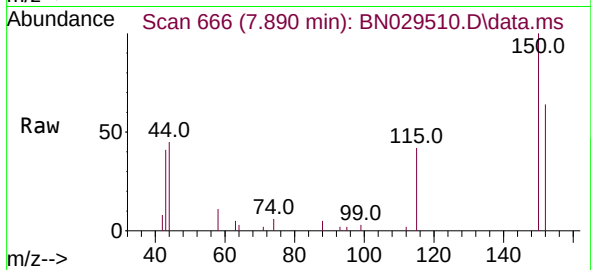
Quant Time: Feb 05 17:12:06 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 01 01:51:59 2024  
Response via : Initial Calibration



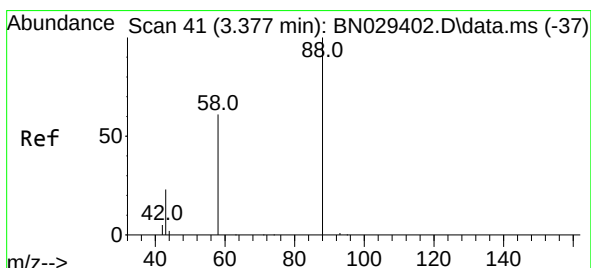
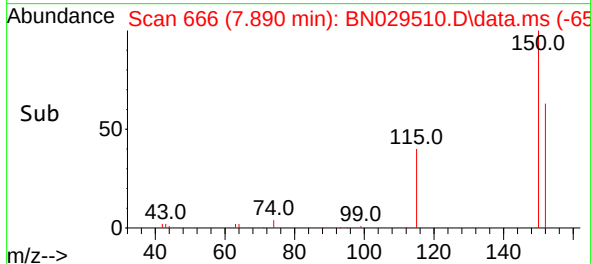
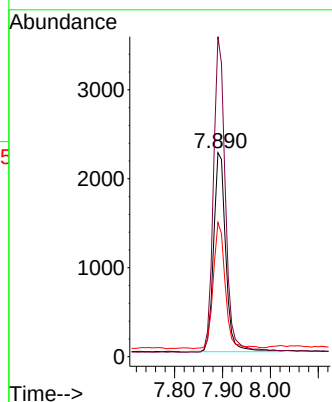


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.890 min Scan# 6  
 Delta R.T. -0.008 min  
 Lab File: BN029510.D  
 Acq: 05 Feb 2024 16:22

Instrument :  
 BNA\_N  
 ClientSampleId :

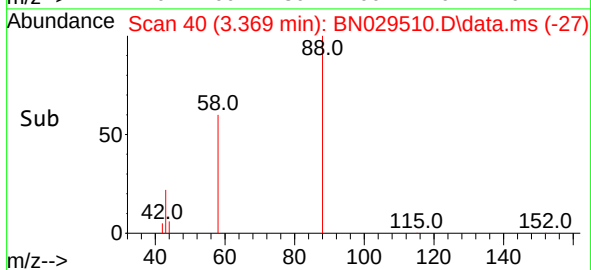
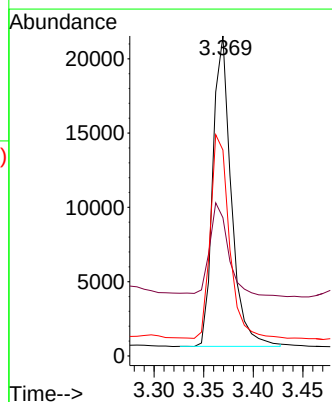
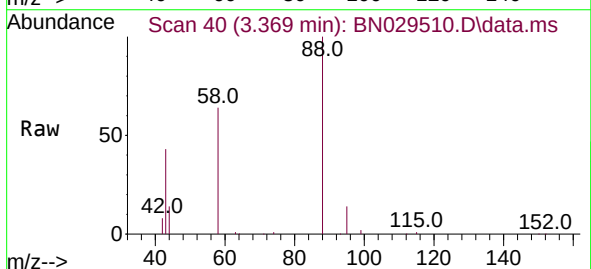


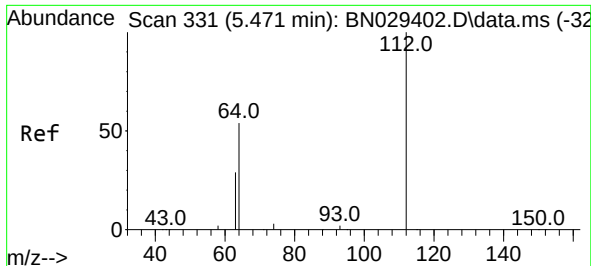
Tgt Ion:152 Resp: 3939  
 Ion Ratio Lower Upper  
 152 100  
 150 156.9 123.0 184.4  
 115 65.8 51.4 77.0



#2  
 1,4-Dioxane  
 Concen: 4.860 ng  
 RT: 3.369 min Scan# 40  
 Delta R.T. -0.007 min  
 Lab File: BN029510.D  
 Acq: 05 Feb 2024 16:22

Tgt Ion: 88 Resp: 26950  
 Ion Ratio Lower Upper  
 88 100  
 43 30.8 23.3 34.9  
 58 67.3 53.8 80.6

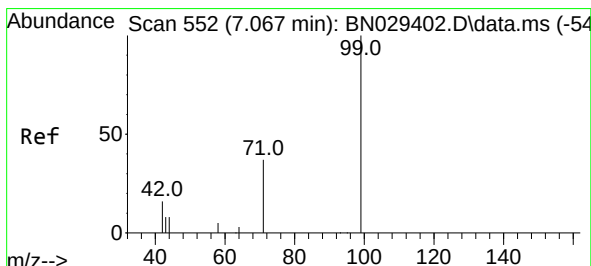
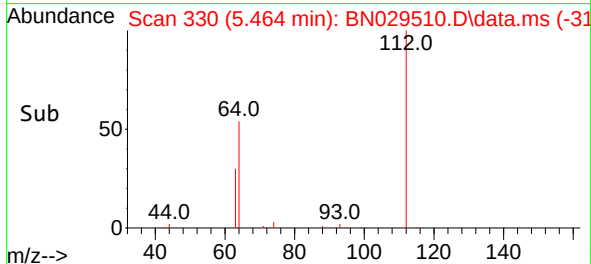
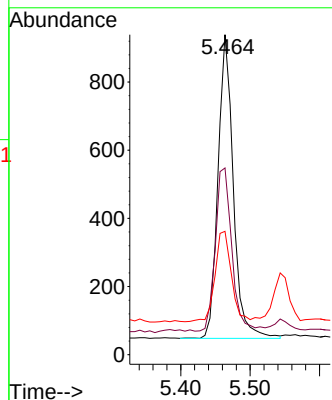
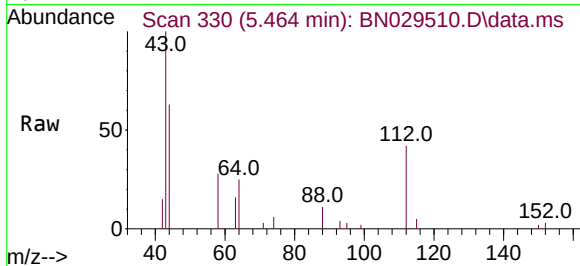




#4  
2-Fluorophenol  
Concen: 0.144 ng  
RT: 5.464 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BN029510.D  
Acq: 05 Feb 2024 16:22

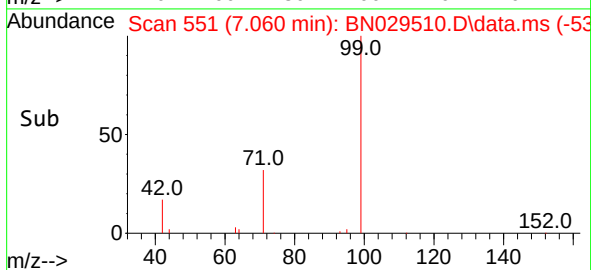
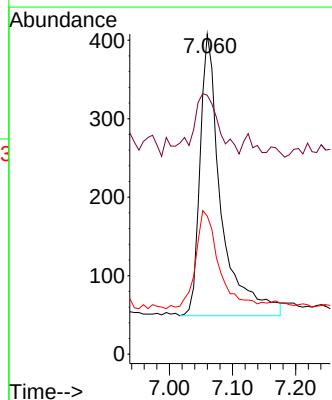
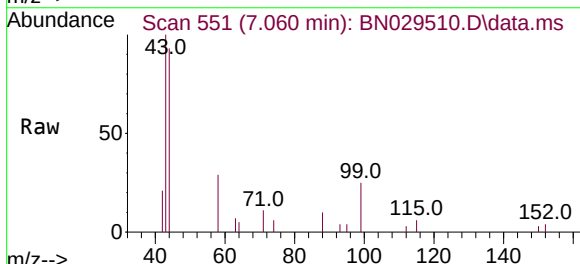
Instrument :  
BNA\_N  
ClientSampleId :

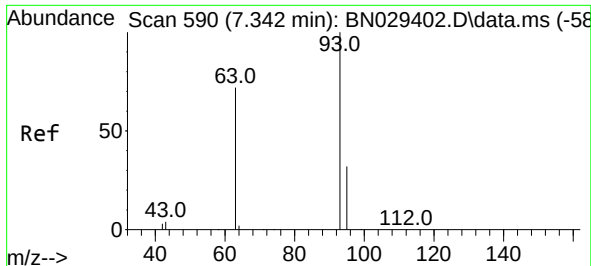
Tgt Ion:112 Resp: 1367  
Ion Ratio Lower Upper  
112 100  
64 57.9 47.2 70.8  
63 31.5 25.8 38.6



#5  
Phenol-d6  
Concen: 0.077 ng  
RT: 7.060 min Scan# 551  
Delta R.T. -0.000 min  
Lab File: BN029510.D  
Acq: 05 Feb 2024 16:22

Tgt Ion: 99 Resp: 836  
Ion Ratio Lower Upper  
99 100  
42 25.4 16.9 25.3#  
71 39.2 30.0 45.0

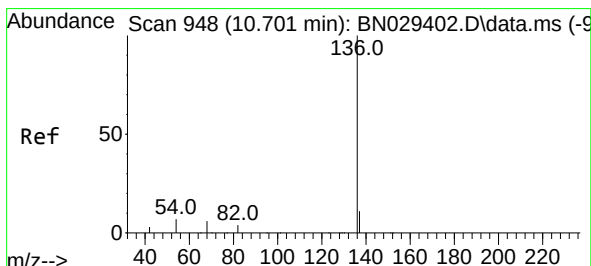
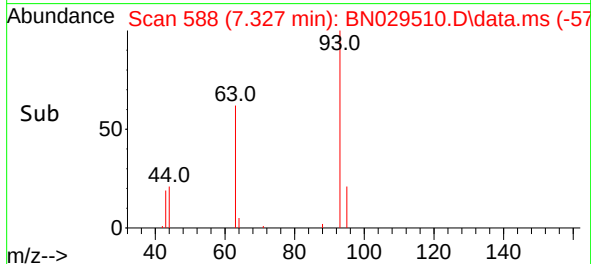
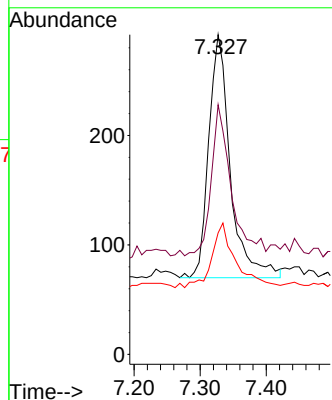
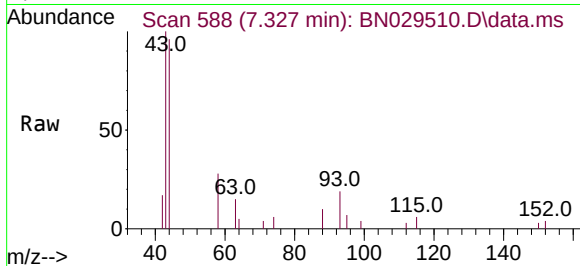




#6  
bis(2-Chloroethyl)ether  
Concen: 0.048 ng  
RT: 7.327 min Scan# 51  
Delta R.T. -0.007 min  
Lab File: BN029510.D  
Acq: 05 Feb 2024 16:22

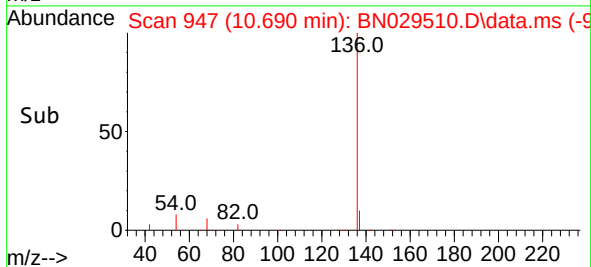
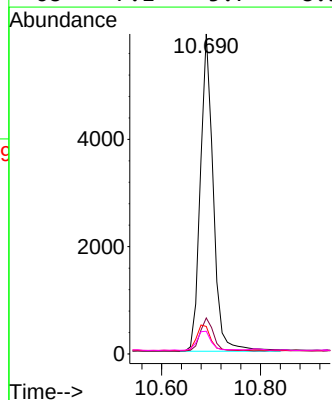
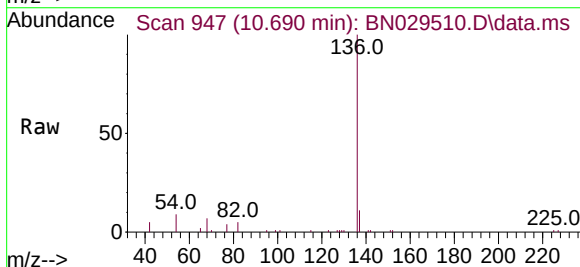
Instrument :  
BNA\_N  
ClientSampleId :

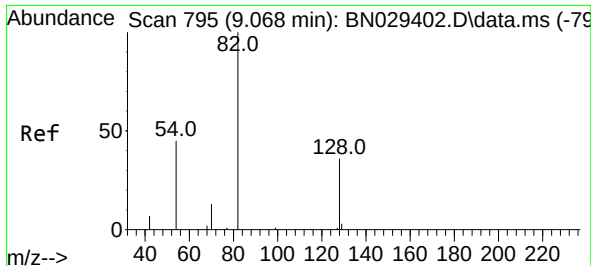
Tgt Ion: 93 Resp: 504  
Ion Ratio Lower Upper  
93 100  
63 58.7 63.1 94.7#  
95 29.6 27.1 40.7



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.690 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: BN029510.D  
Acq: 05 Feb 2024 16:22

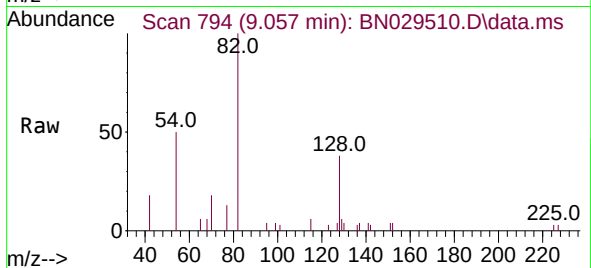
Tgt Ion:136 Resp: 10728  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.7 14.5  
54 8.6 6.6 10.0  
68 7.1 5.7 8.5



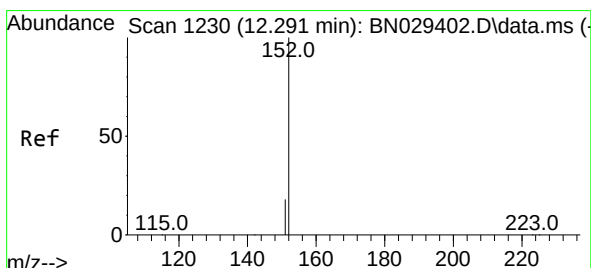
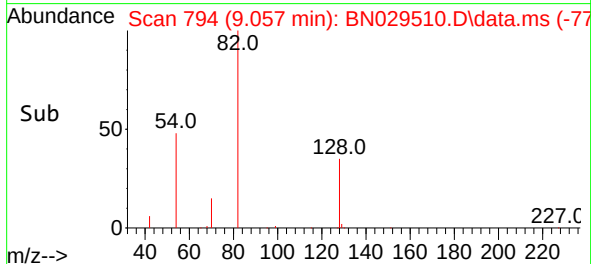
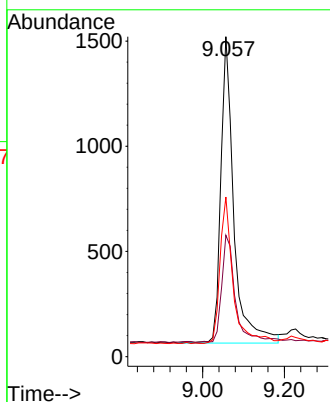


#8  
Nitrobenzene-d5  
Concen: 0.362 ng  
RT: 9.057 min Scan# 794  
Delta R.T. -0.000 min  
Lab File: BN029510.D  
Acq: 05 Feb 2024 16:22

Instrument :  
BNA\_N  
ClientSampleId :

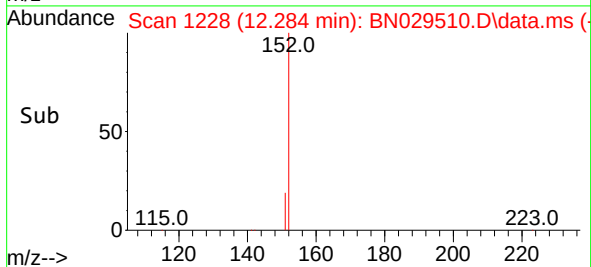
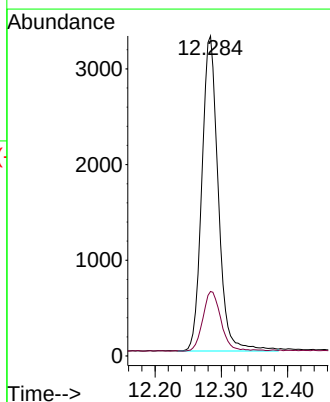
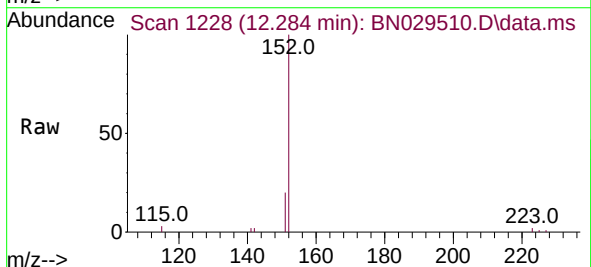


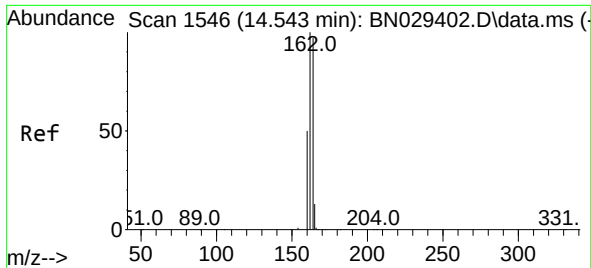
Tgt Ion: 82 Resp: 3237  
Ion Ratio Lower Upper  
82 100  
128 37.9 31.6 47.4  
54 49.9 38.2 57.4



#11  
2-Methylnaphthalene-d10  
Concen: 0.388 ng  
RT: 12.284 min Scan# 1228  
Delta R.T. -0.004 min  
Lab File: BN029510.D  
Acq: 05 Feb 2024 16:22

Tgt Ion: 152 Resp: 5662  
Ion Ratio Lower Upper  
152 100  
151 20.9 17.1 25.7

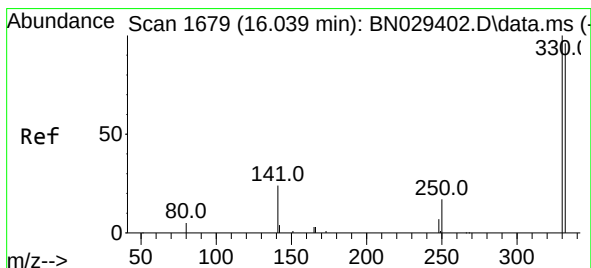
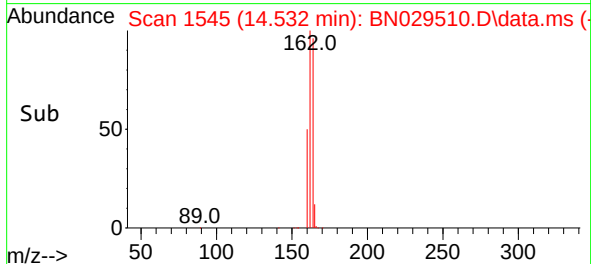
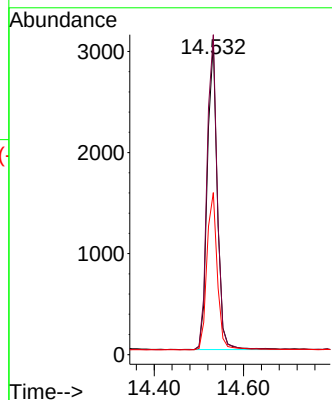
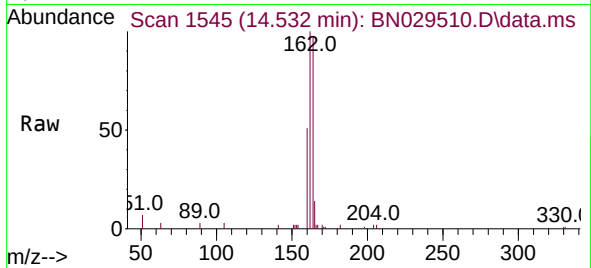




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.532 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BN029510.D  
 Acq: 05 Feb 2024 16:22

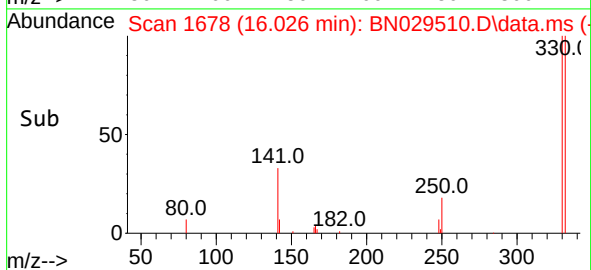
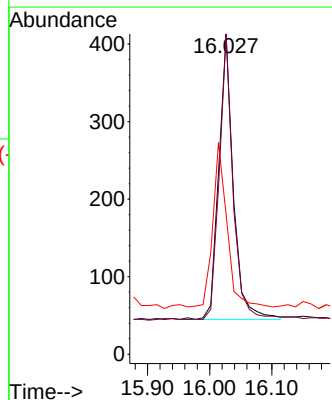
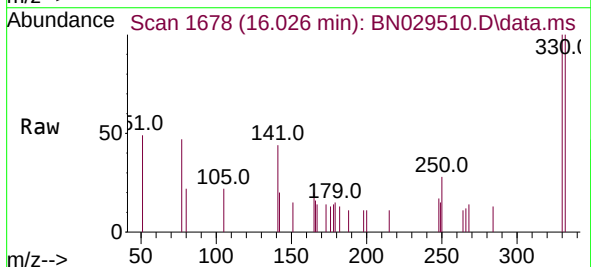
Instrument :  
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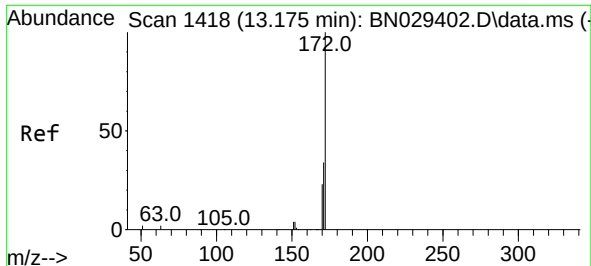
Tgt Ion:164 Resp: 4708  
 Ion Ratio Lower Upper  
 164 100  
 162 102.7 82.6 123.8  
 160 52.0 41.5 62.3



#14  
 2,4,6-Tribromophenol  
 Concen: 0.395 ng  
 RT: 16.026 min Scan# 1678  
 Delta R.T. -0.000 min  
 Lab File: BN029510.D  
 Acq: 05 Feb 2024 16:22

Tgt Ion:330 Resp: 597  
 Ion Ratio Lower Upper  
 330 100  
 332 93.8 76.0 114.0  
 141 55.8 43.4 65.2

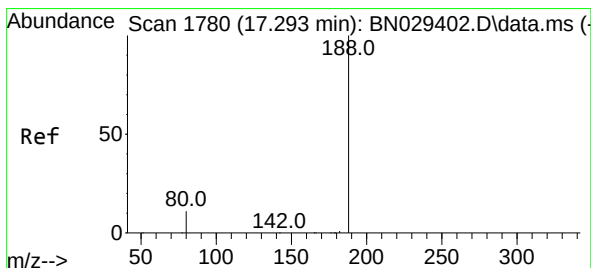
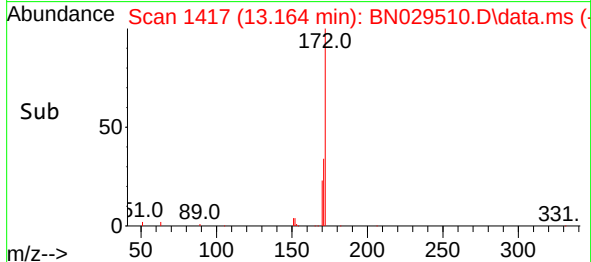
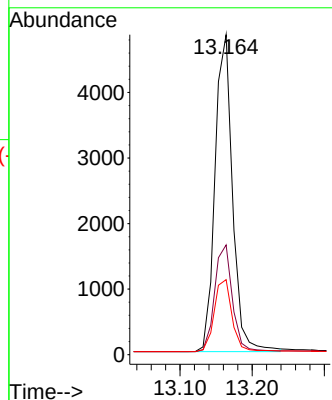
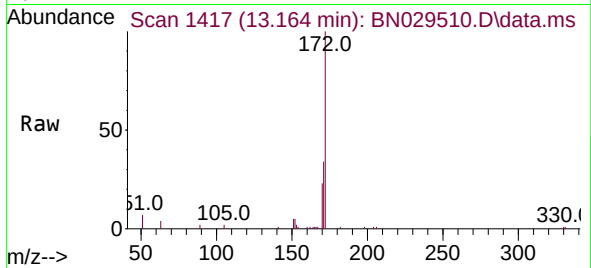




#15  
2-Fluorobiphenyl  
Concen: 0.404 ng  
RT: 13.164 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: BN029510.D  
Acq: 05 Feb 2024 16:22

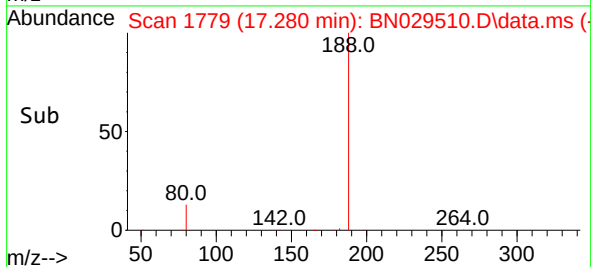
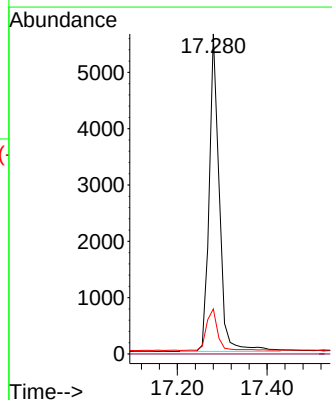
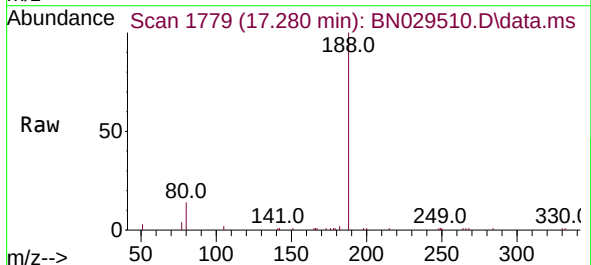
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:172 Resp: 8161  
Ion Ratio Lower Upper  
172 100  
171 34.3 28.0 42.0  
170 23.4 18.7 28.1

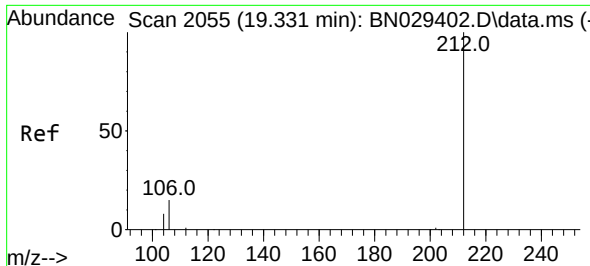


#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.280 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: BN029510.D  
Acq: 05 Feb 2024 16:22

Tgt Ion:188 Resp: 8814  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.0 10.0 15.0

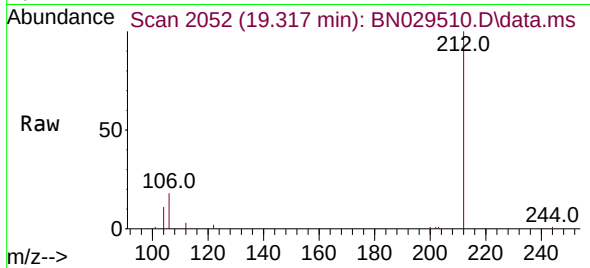




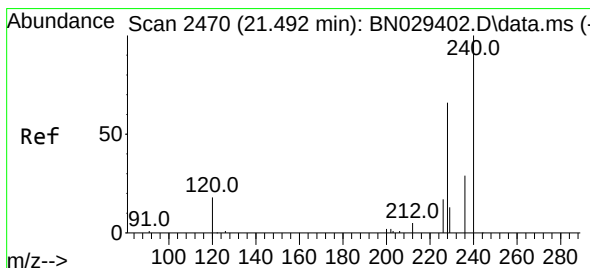
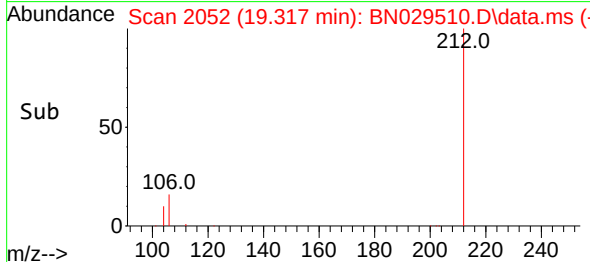
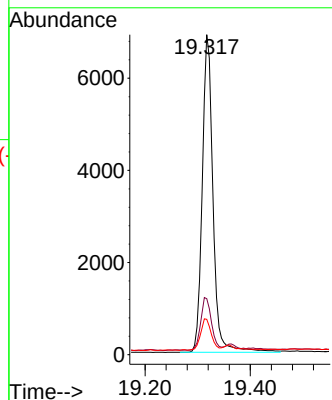


#27  
Fluoranthene-d10  
Concen: 0.459 ng  
RT: 19.317 min Scan# 2052  
Delta R.T. -0.005 min  
Lab File: BN029510.D  
Acq: 05 Feb 2024 16:22

Instrument :  
BNA\_N  
ClientSampleId :

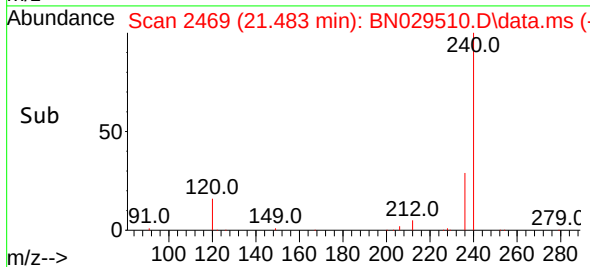
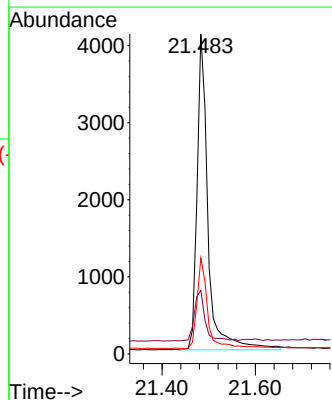
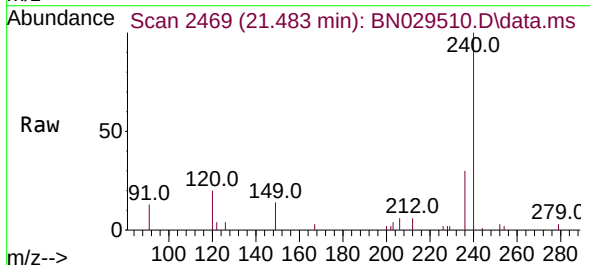


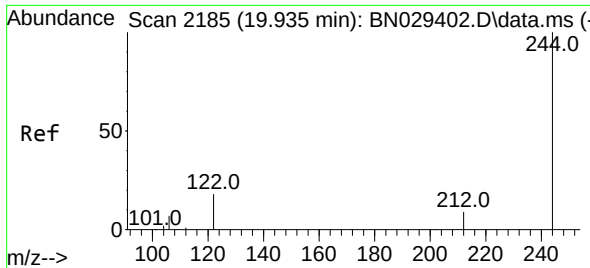
Tgt Ion:212 Resp: 9795  
Ion Ratio Lower Upper  
212 100  
106 16.6 13.2 19.8  
104 9.6 7.7 11.5



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.483 min Scan# 2469  
Delta R.T. -0.009 min  
Lab File: BN029510.D  
Acq: 05 Feb 2024 16:22

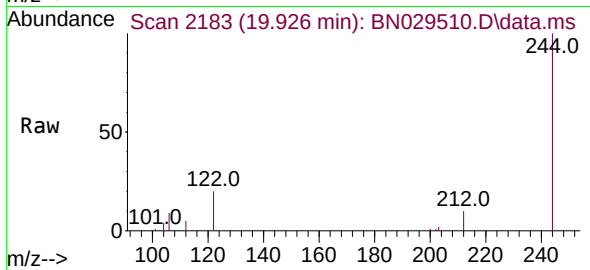
Tgt Ion:240 Resp: 6673  
Ion Ratio Lower Upper  
240 100  
120 19.9 16.7 25.1  
236 30.0 23.9 35.9



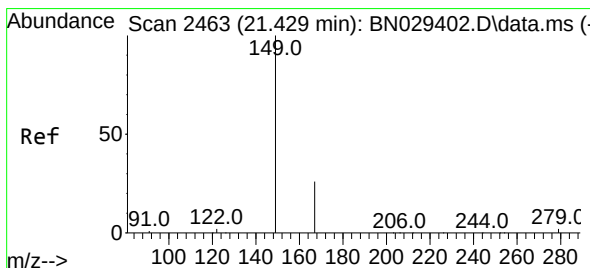
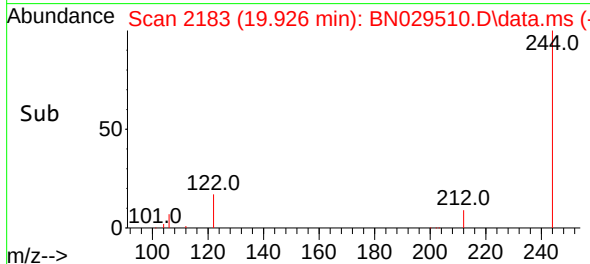
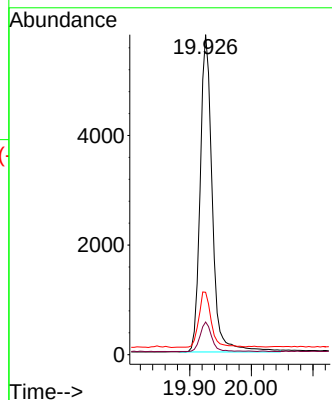


#31  
Terphenyl-d14  
Concen: 0.477 ng  
RT: 19.926 min Scan# 2185  
Delta R.T. -0.005 min  
Lab File: BN029510.D  
Acq: 05 Feb 2024 16:22

Instrument :  
BNA\_N  
ClientSampleId :

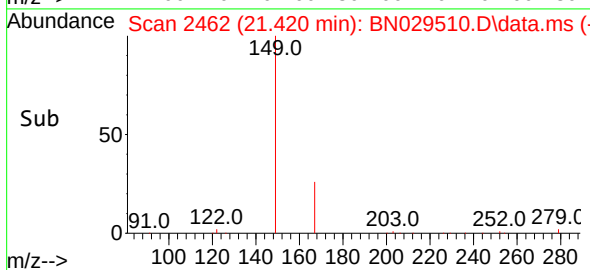
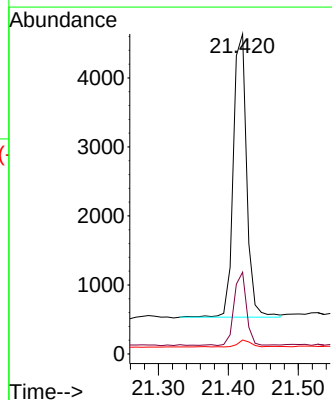
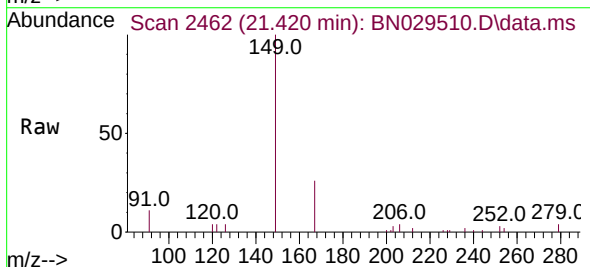


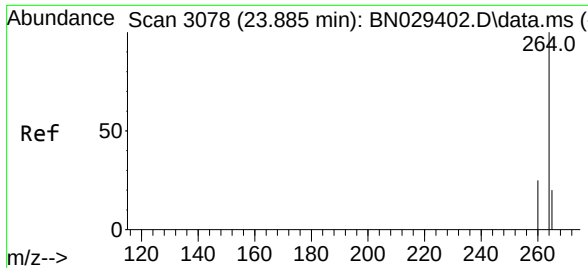
Tgt Ion:244 Resp: 7900  
Ion Ratio Lower Upper  
244 100  
212 10.2 8.2 12.4  
122 19.5 15.6 23.4



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.351 ng  
RT: 21.420 min Scan# 2462  
Delta R.T. -0.000 min  
Lab File: BN029510.D  
Acq: 05 Feb 2024 16:22

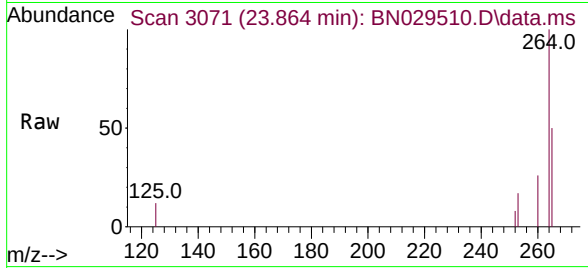
Tgt Ion:149 Resp: 5459  
Ion Ratio Lower Upper  
149 100  
167 23.8 20.1 30.1  
279 2.4 2.5 3.7#





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.864 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: BN029510.D  
Acq: 05 Feb 2024 16:22

Instrument :  
BNA\_N  
ClientSampleId :



Tgt Ion:264 Resp: 6536

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 26.5  | 21.2  | 31.8  |
| 265 | 50.1  | 41.5  | 62.3  |

