

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020524\  
 Data File : BN029512.D  
 Acq On : 05 Feb 2024 17:34  
 Operator : MA/JU  
 Sample : P1347-03  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP-303-20240201

Quant Time: Feb 05 18:01:13 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

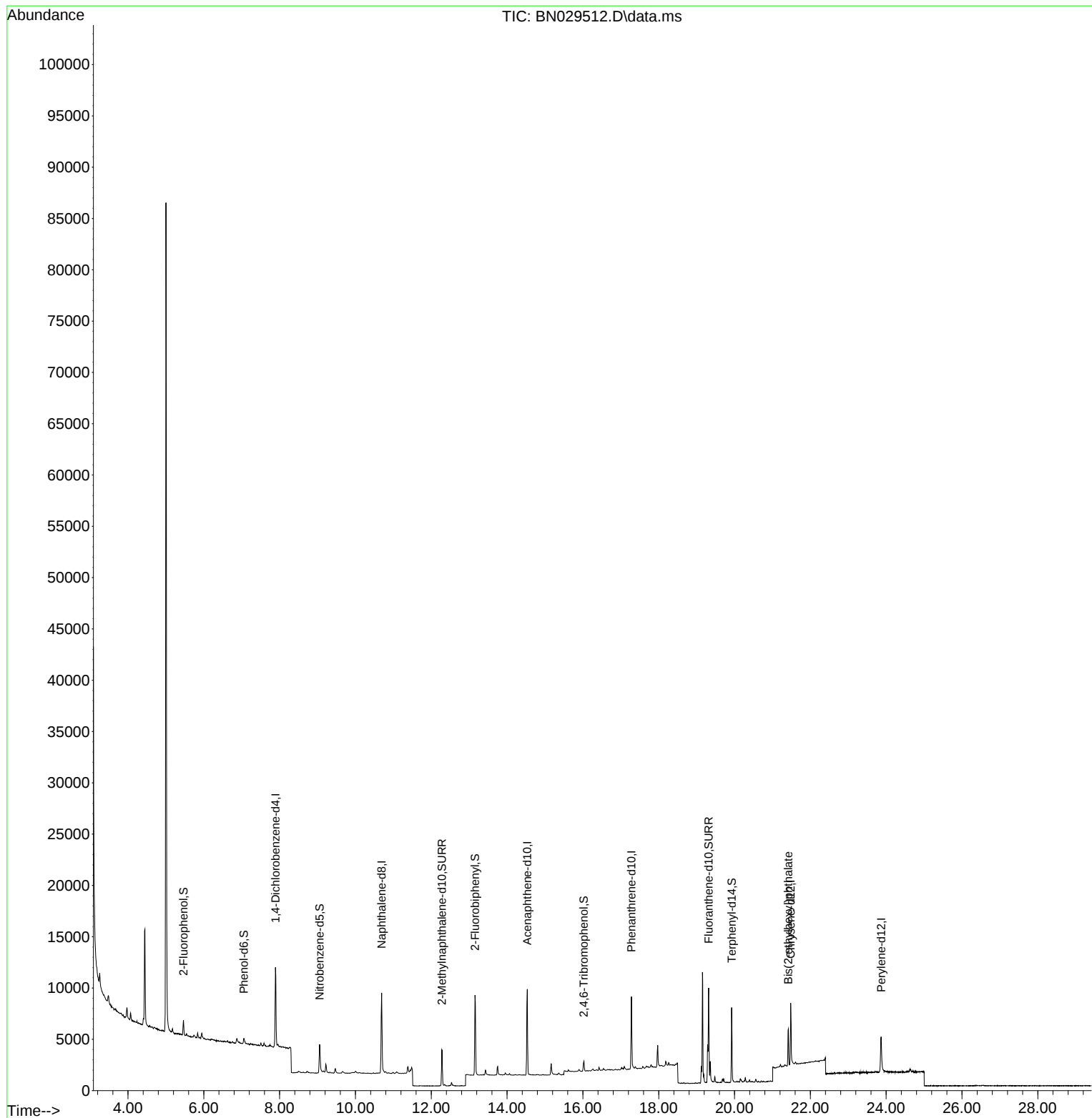
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|-------|-------|-----------|
| -----                         |        |      |          |       |       |           |
| Internal Standards            |        |      |          |       |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.891  | 152  | 3910     | 0.400 | ng    | 0.00      |
| 7) Naphthalene-d8             | 10.690 | 136  | 10816    | 0.400 | ng    | 0.00      |
| 13) Acenaphthene-d10          | 14.532 | 164  | 4832     | 0.400 | ng    | 0.00      |
| 19) Phenanthrene-d10          | 17.280 | 188  | 9124     | 0.400 | ng    | 0.00      |
| 29) Chrysene-d12              | 21.483 | 240  | 6218     | 0.400 | ng    | 0.00      |
| 35) Perylene-d12              | 23.867 | 264  | 5579     | 0.400 | ng    | 0.00      |
| System Monitoring Compounds   |        |      |          |       |       |           |
| 4) 2-Fluorophenol             | 5.464  | 112  | 1141     | 0.121 | ng    | 0.00      |
| 5) Phenol-d6                  | 7.060  | 99   | 721      | 0.067 | ng    | 0.00      |
| 8) Nitrobenzene-d5            | 9.057  | 82   | 2752     | 0.306 | ng    | 0.00      |
| 11) 2-Methylnaphthalene-d10   | 12.280 | 152  | 4929     | 0.335 | ng    | 0.00      |
| 14) 2,4,6-Tribromophenol      | 16.027 | 330  | 547      | 0.353 | ng    | 0.00      |
| 15) 2-Fluorobiphenyl          | 13.153 | 172  | 7222     | 0.348 | ng    | -0.01     |
| 27) Fluoranthene-d10          | 19.317 | 212  | 10053    | 0.455 | ng    | 0.00      |
| 31) Terphenyl-d14             | 19.926 | 244  | 7097     | 0.460 | ng    | 0.00      |
| Target Compounds              |        |      |          |       |       |           |
| 34) Bis(2-ethylhexyl)phtha... | 21.420 | 149  | 3814     | 0.263 | ng    | Qvalue 98 |
| -----                         |        |      |          |       |       |           |

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

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Sample : P1347-03  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SP-303-20240201

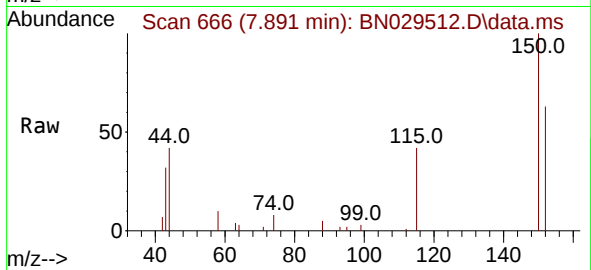
Quant Time: Feb 05 18:01:13 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 01 01:51:59 2024  
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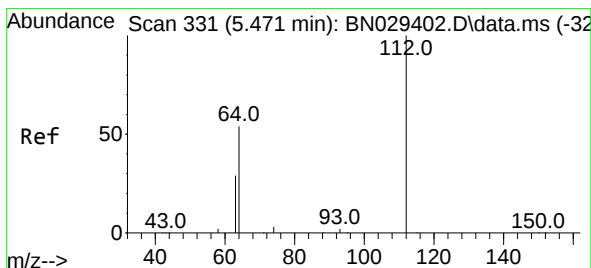
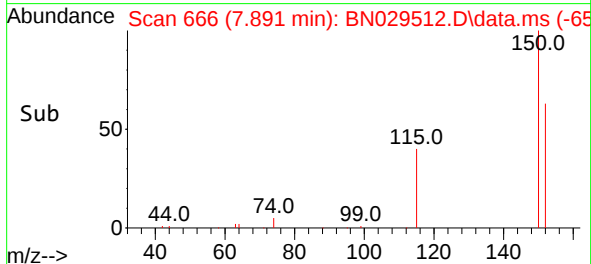
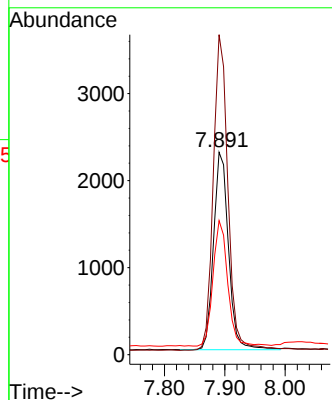


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.891 min Scan# 668  
Delta R.T. -0.007 min  
Lab File: BN029512.D  
Acq: 05 Feb 2024 17:34

Instrument :  
BNA\_N  
ClientSampleId :  
SP-303-20240201

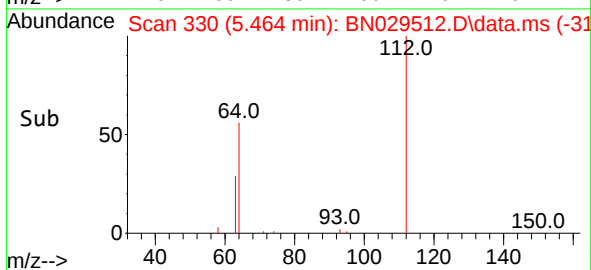
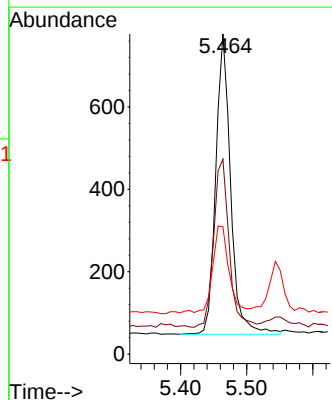
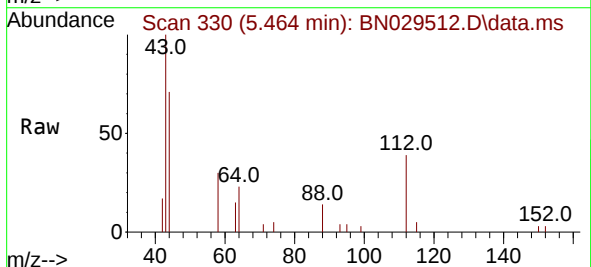


Tgt Ion:152 Resp: 3910  
Ion Ratio Lower Upper  
152 100  
150 158.2 123.0 184.4  
115 66.2 51.4 77.0



#4  
2-Fluorophenol  
Concen: 0.121 ng  
RT: 5.464 min Scan# 330  
Delta R.T. 0.000 min  
Lab File: BN029512.D  
Acq: 05 Feb 2024 17:34

Tgt Ion:112 Resp: 1141  
Ion Ratio Lower Upper  
112 100  
64 57.8 47.2 70.8  
63 30.6 25.8 38.6

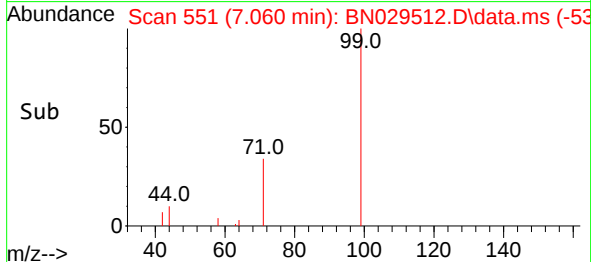
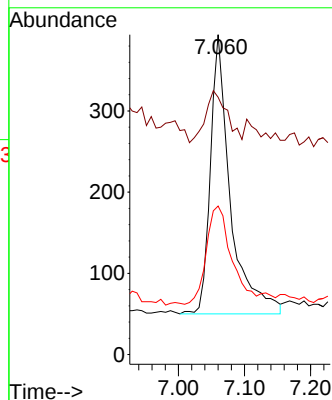
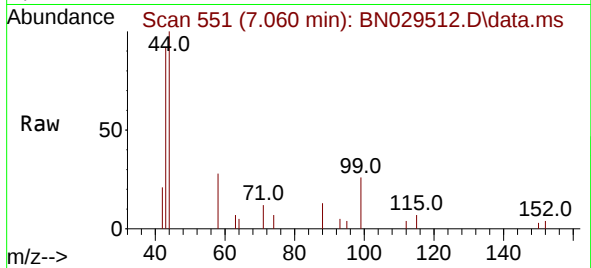




#5  
Phenol-d6  
Concen: 0.067 ng  
RT: 7.060 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN029512.D  
Acq: 05 Feb 2024 17:34

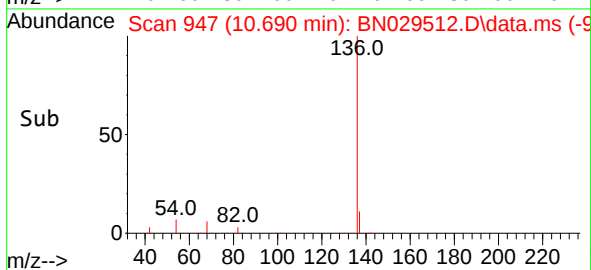
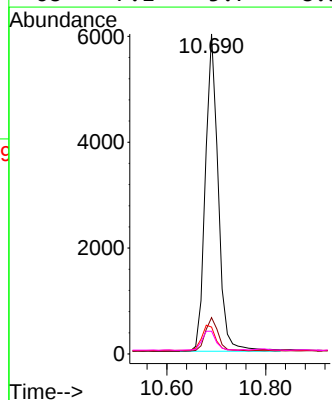
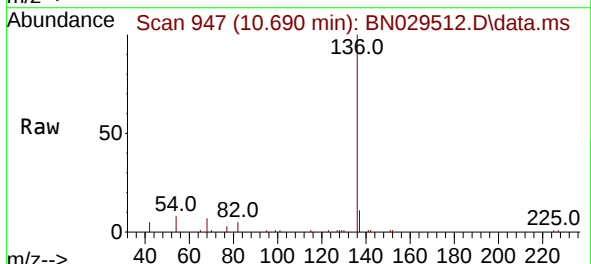
Instrument :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 721   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 19.8  | 16.9  | 25.3  |
| 71       | 44.2  | 30.0  | 45.0  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.690 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: BN029512.D  
Acq: 05 Feb 2024 17:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 10816 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.3  | 9.7   | 14.5  |
| 54       | 8.4   | 6.6   | 10.0  |
| 68       | 7.1   | 5.7   | 8.5   |

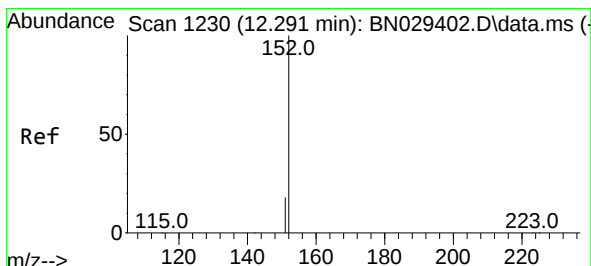
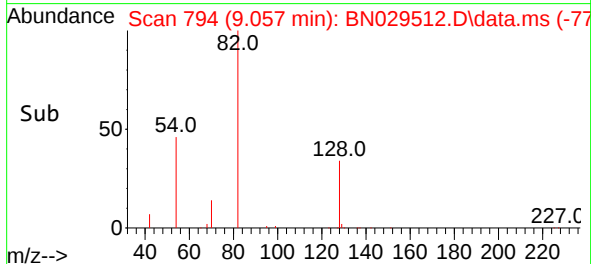
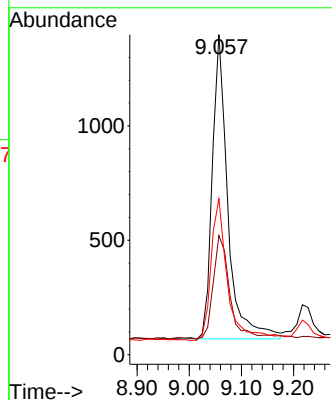
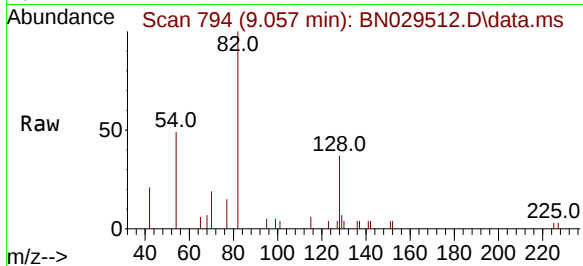




#8  
Nitrobenzene-d5  
Concen: 0.306 ng  
RT: 9.057 min Scan# 794  
Delta R.T. 0.000 min  
Lab File: BN029512.D  
Acq: 05 Feb 2024 17:34

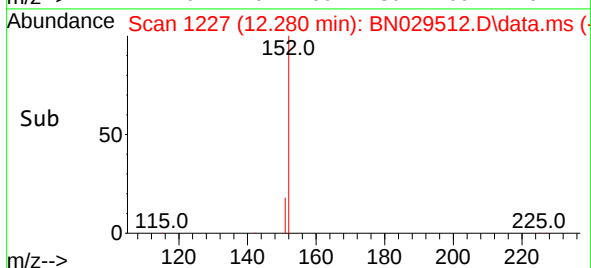
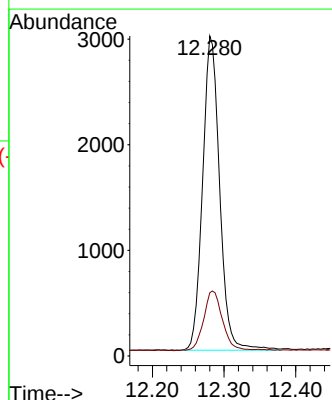
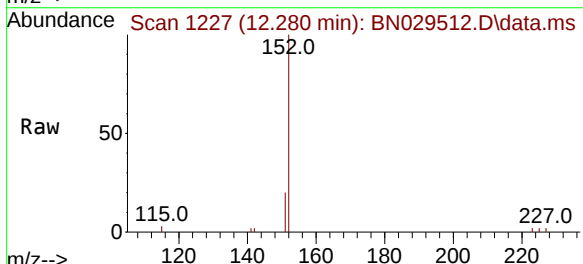
Instrument :  
BNA\_N  
ClientSampleId :  
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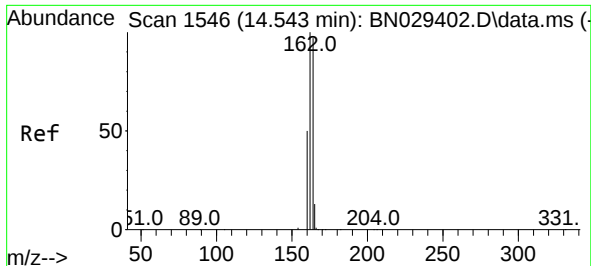
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 2752  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 37.2  | 31.6  | 47.4  |
| 54       | 48.7  | 38.2  | 57.4  |



#11  
2-Methylnaphthalene-d10  
Concen: 0.335 ng  
RT: 12.280 min Scan# 1227  
Delta R.T. -0.008 min  
Lab File: BN029512.D  
Acq: 05 Feb 2024 17:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 4929  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 21.1  | 17.1  | 25.7  |

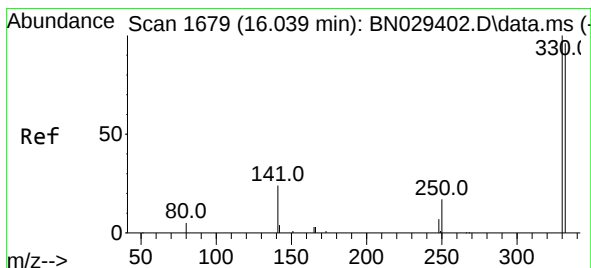
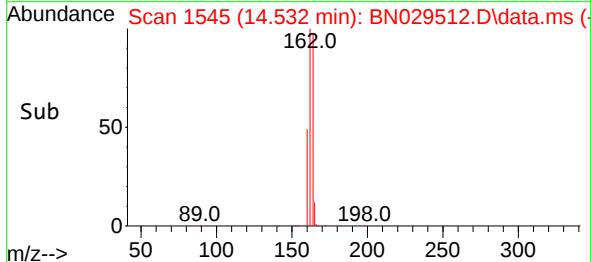
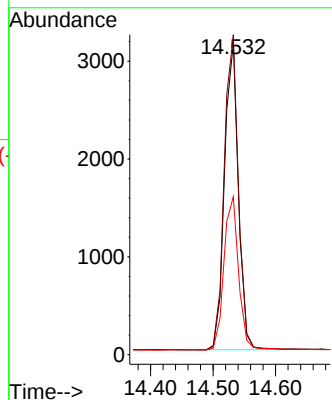
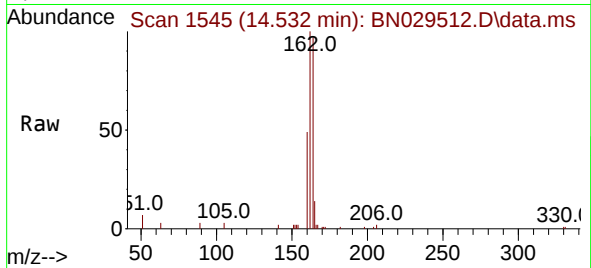




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.532 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN029512.D  
Acq: 05 Feb 2024 17:34

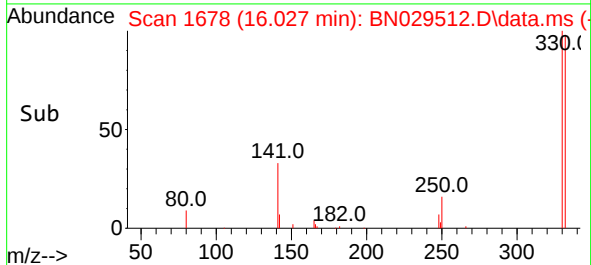
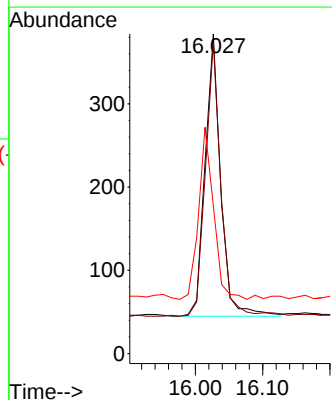
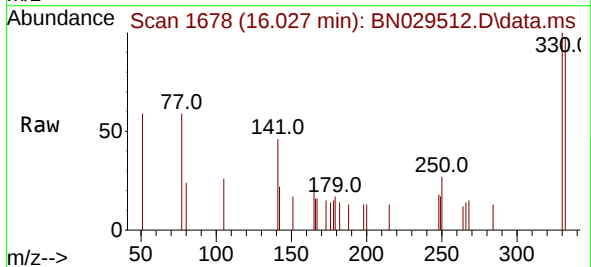
Instrument :  
BNA\_N  
ClientSampleId :  
SP-303-20240201

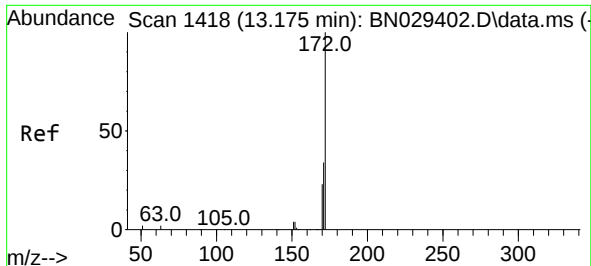
Tgt Ion:164 Resp: 4832  
Ion Ratio Lower Upper  
164 100  
162 102.7 82.6 123.8  
160 50.7 41.5 62.3



#14  
2,4,6-Tribromophenol  
Concen: 0.353 ng  
RT: 16.027 min Scan# 1678  
Delta R.T. 0.000 min  
Lab File: BN029512.D  
Acq: 05 Feb 2024 17:34

Tgt Ion:330 Resp: 547  
Ion Ratio Lower Upper  
330 100  
332 96.0 76.0 114.0  
141 58.3 43.4 65.2

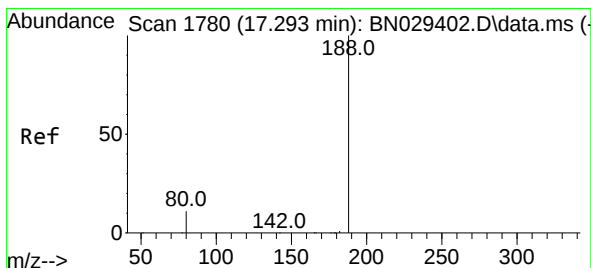
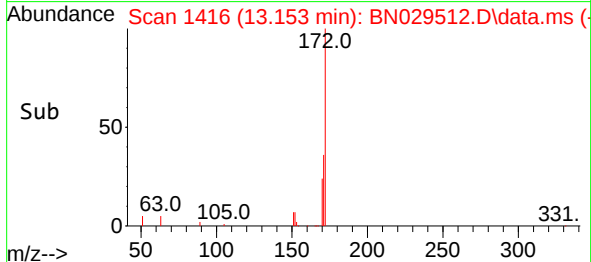
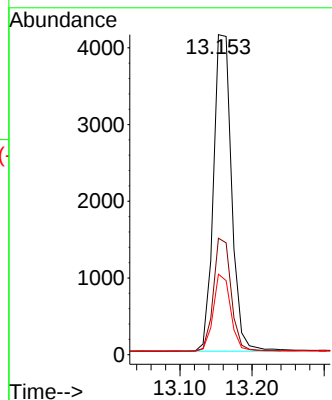
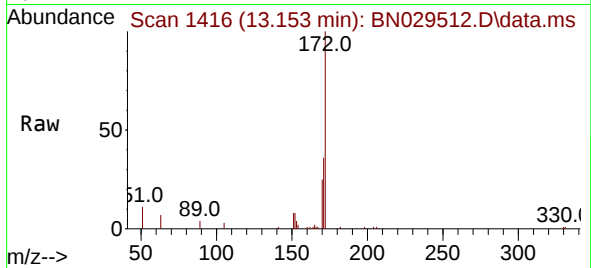




#15  
2-Fluorobiphenyl  
Concen: 0.348 ng  
RT: 13.153 min Scan# 1416  
Delta R.T. -0.011 min  
Lab File: BN029512.D  
Acq: 05 Feb 2024 17:34

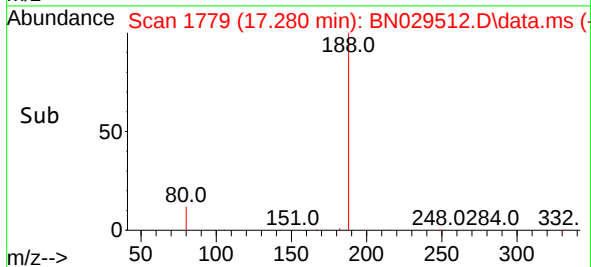
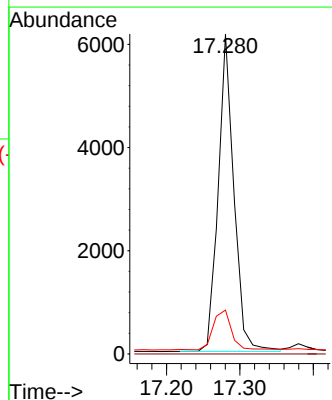
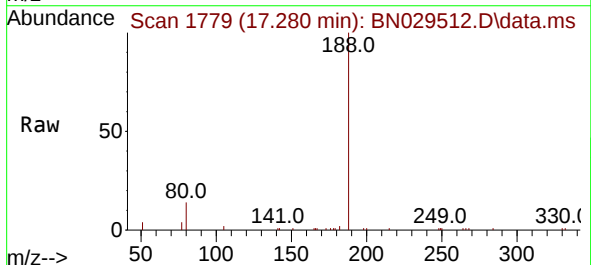
Instrument :  
BNA\_N  
ClientSampleId :  
SP-303-20240201

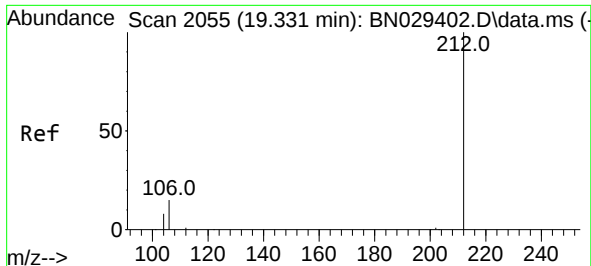
Tgt Ion:172 Resp: 7222  
Ion Ratio Lower Upper  
172 100  
171 36.4 28.0 42.0  
170 25.2 18.7 28.1



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.280 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: BN029512.D  
Acq: 05 Feb 2024 17:34

Tgt Ion:188 Resp: 9124  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.7 10.0 15.0

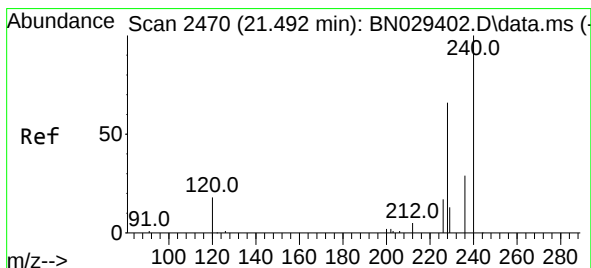
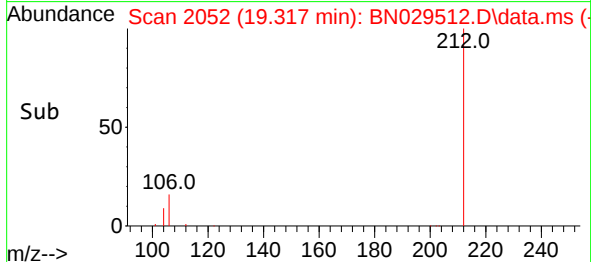
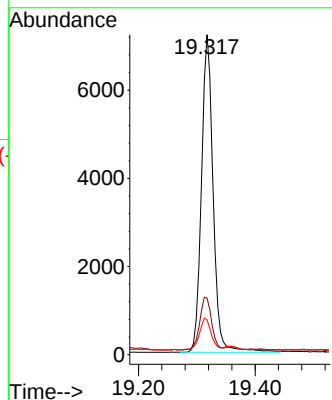
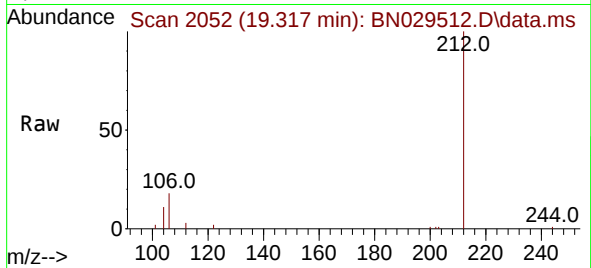




#27  
Fluoranthene-d10  
Concen: 0.455 ng  
RT: 19.317 min Scan# 2052  
Delta R.T. -0.005 min  
Lab File: BN029512.D  
Acq: 05 Feb 2024 17:34

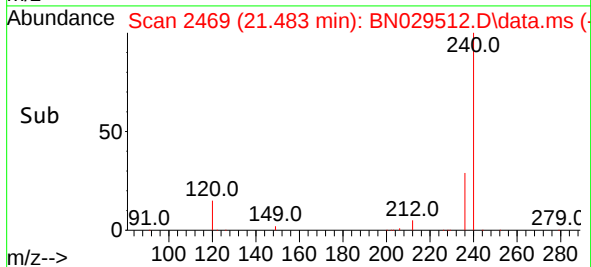
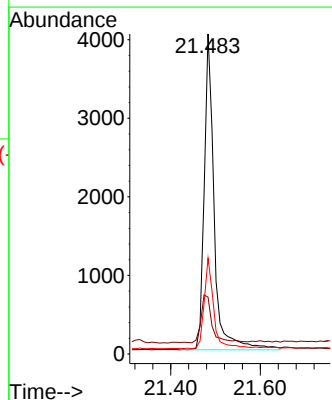
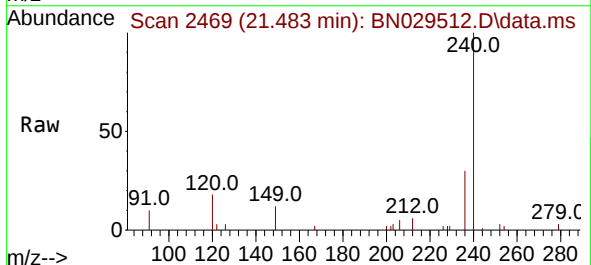
Instrument :  
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Tgt Ion:212 Resp: 10053  
Ion Ratio Lower Upper  
212 100  
106 16.9 13.2 19.8  
104 9.8 7.7 11.5



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.483 min Scan# 2469  
Delta R.T. -0.009 min  
Lab File: BN029512.D  
Acq: 05 Feb 2024 17:34

Tgt Ion:240 Resp: 6218  
Ion Ratio Lower Upper  
240 100  
120 17.8 16.7 25.1  
236 30.0 23.9 35.9

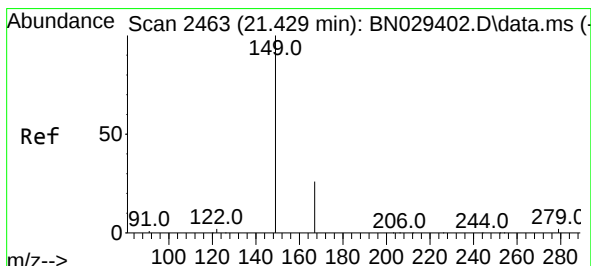
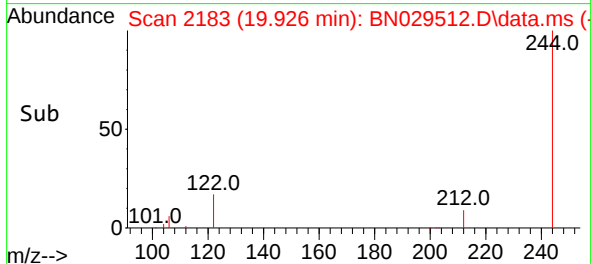
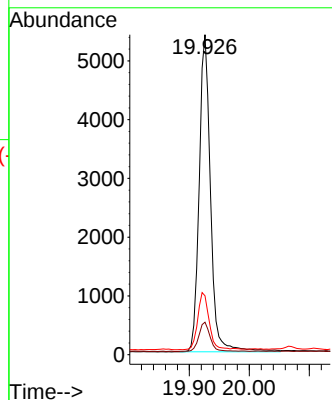
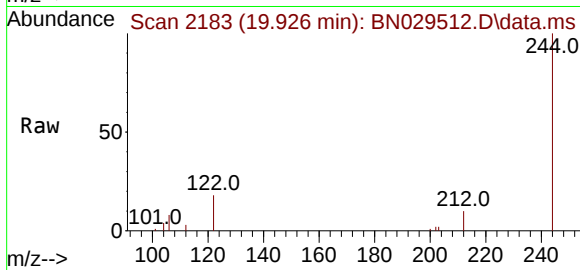




#31  
 Terphenyl-d14  
 Concen: 0.460 ng  
 RT: 19.926 min Scan# 2183  
 Delta R.T. -0.005 min  
 Lab File: BN029512.D  
 Acq: 05 Feb 2024 17:34

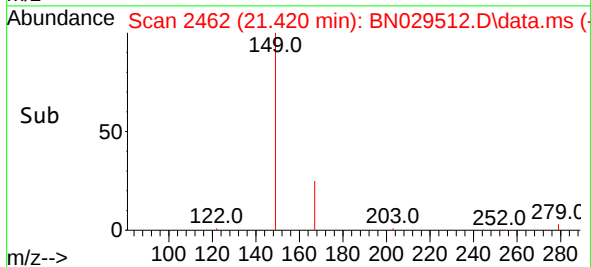
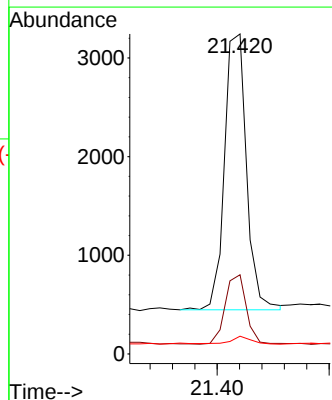
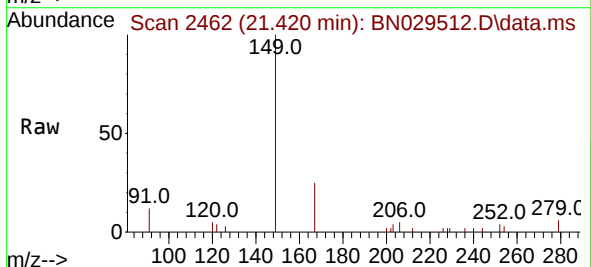
Instrument :  
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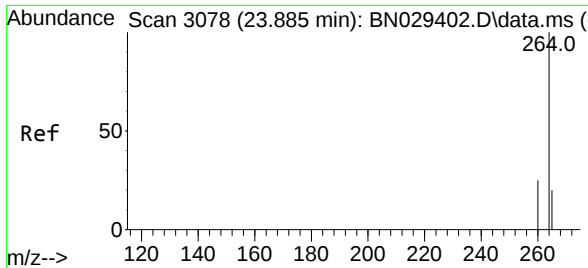
Tgt Ion:244 Resp: 7097  
 Ion Ratio Lower Upper  
 244 100  
 212 10.2 8.2 12.4  
 122 18.4 15.6 23.4



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.263 ng  
 RT: 21.420 min Scan# 2462  
 Delta R.T. 0.000 min  
 Lab File: BN029512.D  
 Acq: 05 Feb 2024 17:34

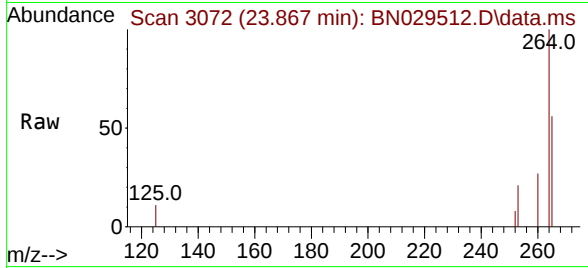
Tgt Ion:149 Resp: 3814  
 Ion Ratio Lower Upper  
 149 100  
 167 24.3 20.1 30.1  
 279 2.7 2.5 3.7





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.867 min Scan# 3072  
 Delta R.T. -0.003 min  
 Lab File: BN029512.D  
 Acq: 05 Feb 2024 17:34

Instrument :  
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Tgt Ion:264 Resp: 5579

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.4  | 21.2  | 31.8  |
| 265 | 56.4  | 41.5  | 62.3  |

