

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082523\  
 Data File : BN027170.D  
 Acq On : 27 Aug 2023 01:13  
 Operator : MA/JU  
 Sample : 04051-19  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE120D3-20230816

Quant Time: Aug 27 01:53:50 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 26 02:13:59 2023  
 Response via : Initial Calibration

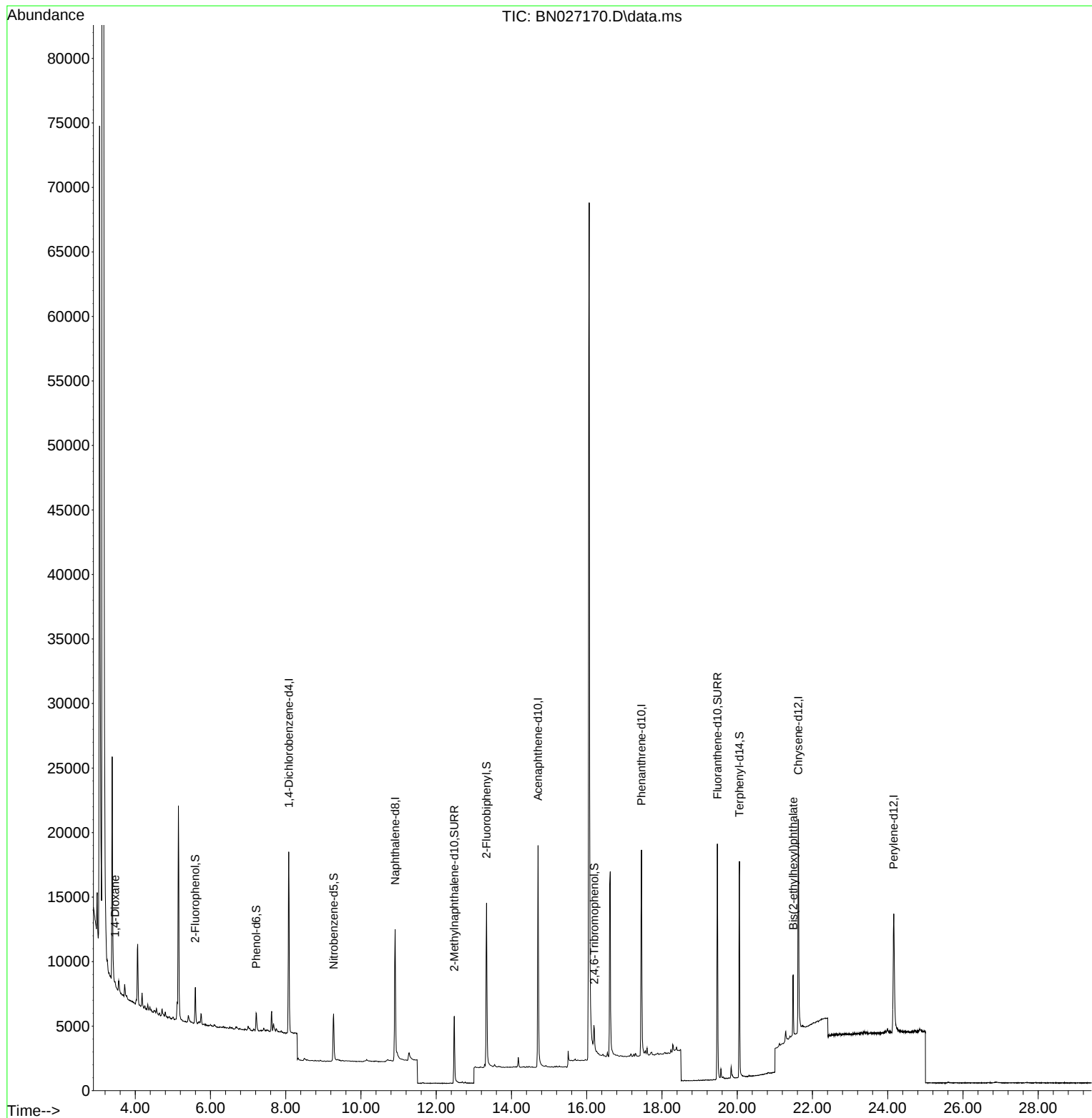
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.081  | 152  | 6960     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.906 | 136  | 16078    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.705 | 164  | 10349    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.455 | 188  | 23544    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.623 | 240  | 17975    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.159 | 264  | 16104    | 0.400 | ng    | #-0.01   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.596  | 112  | 2289     | 0.117 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.214  | 99   | 1477     | 0.061 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.273  | 82   | 3520     | 0.259 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.479 | 152  | 7915     | 0.310 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.202 | 330  | 1267     | 0.230 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.336 | 172  | 12535    | 0.326 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.472 | 212  | 21066    | 0.349 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.057 | 244  | 16533    | 0.440 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.466  | 88   | 301      | 0.040 | ng    | # 86     |
| 34) Bis(2-ethylhexyl)phtha... | 21.489 | 149  | 5288     | 0.113 | ng    | # 98     |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082523\  
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Sample : 04051-19  
Misc :  
ALS Vial : 59 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RE120D3-20230816

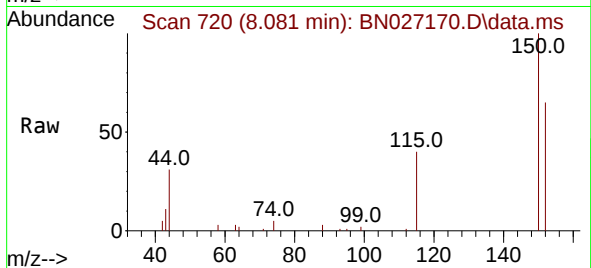
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Aug 26 02:13:59 2023  
Response via : Initial Calibration



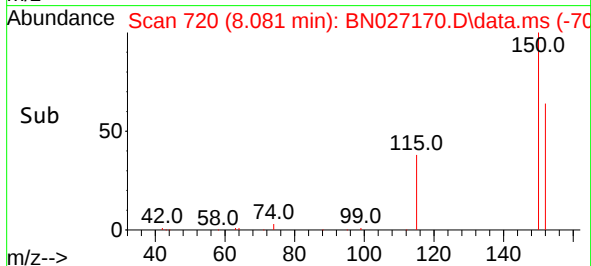
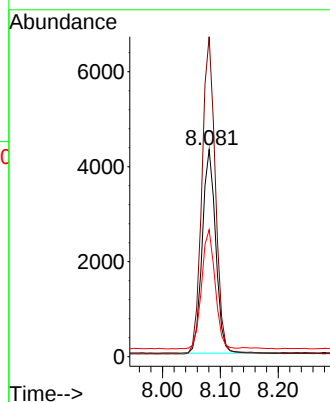


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.081 min Scan# 71  
 Delta R.T. -0.007 min  
 Lab File: BN027170.D  
 Acq: 27 Aug 2023 01:13

Instrument :  
 BNA\_N  
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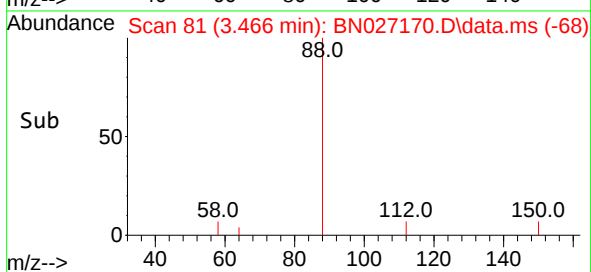
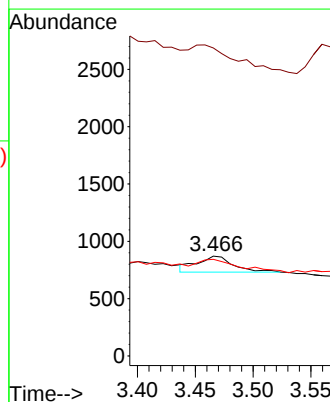
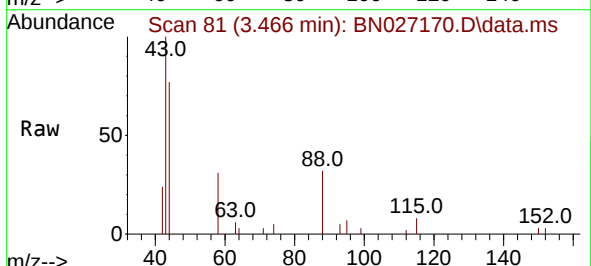


Tgt Ion:152 Resp: 6960  
 Ion Ratio Lower Upper  
 152 100  
 150 154.5 123.8 185.6  
 115 61.3 49.7 74.5



#2  
 1,4-Dioxane  
 Concen: 0.040 ng  
 RT: 3.466 min Scan# 81  
 Delta R.T. -0.007 min  
 Lab File: BN027170.D  
 Acq: 27 Aug 2023 01:13

Tgt Ion: 88 Resp: 301  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 19.2 28.8#  
 58 69.8 54.5 81.7

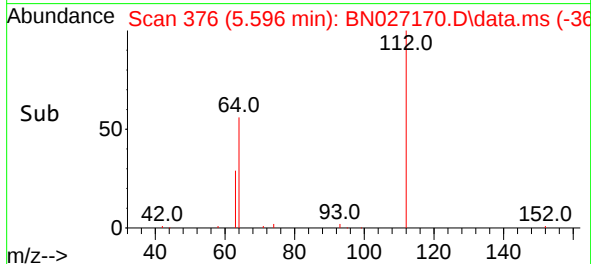
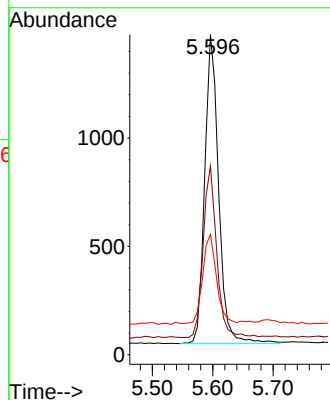
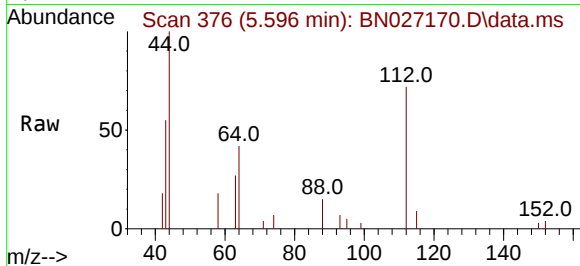




#4  
2-Fluorophenol  
Concen: 0.117 ng  
RT: 5.596 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: BN027170.D  
Acq: 27 Aug 2023 01:13

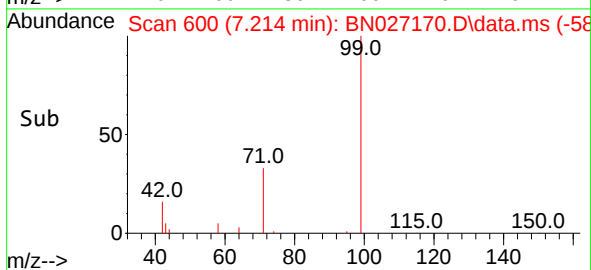
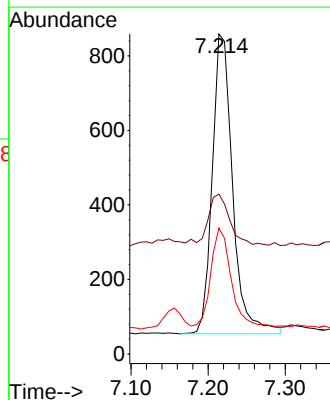
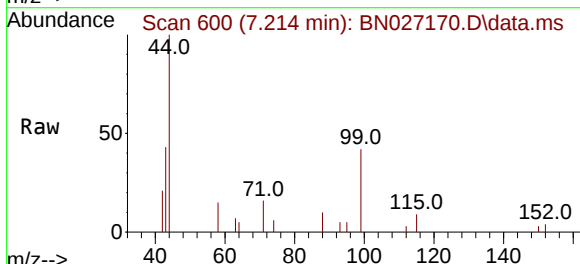
Instrument :  
BNA\_N  
ClientSampleId :  
RE120D3-20230816

Tgt Ion:112 Resp: 2289  
Ion Ratio Lower Upper  
112 100  
64 54.3 41.5 62.3  
63 28.4 21.7 32.5



#5  
Phenol-d6  
Concen: 0.061 ng  
RT: 7.214 min Scan# 600  
Delta R.T. -0.007 min  
Lab File: BN027170.D  
Acq: 27 Aug 2023 01:13

Tgt Ion: 99 Resp: 1477  
Ion Ratio Lower Upper  
99 100  
42 17.9 13.6 20.4  
71 31.8 26.0 39.0

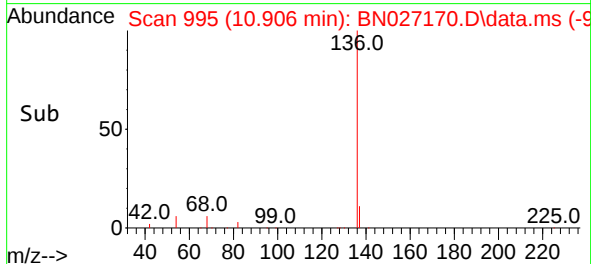
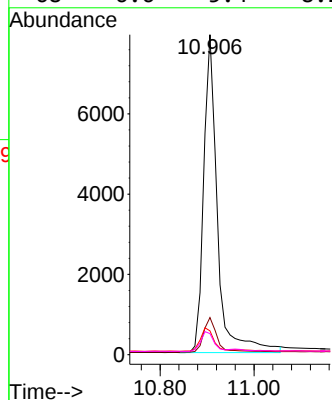
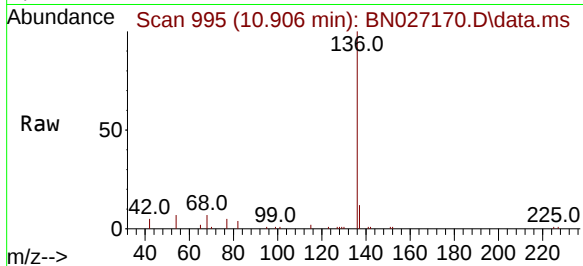




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.906 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN027170.D  
Acq: 27 Aug 2023 01:13

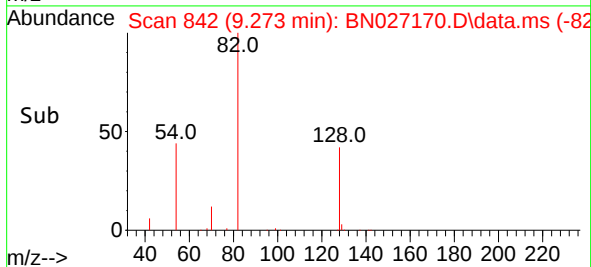
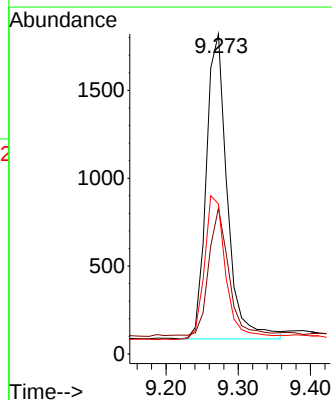
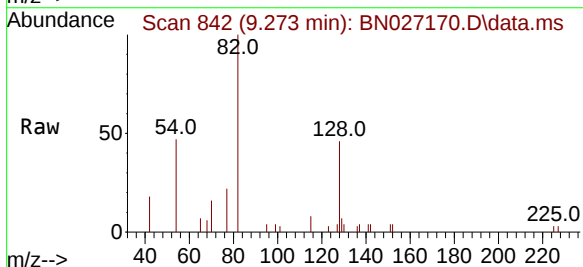
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ClientSampleId :  
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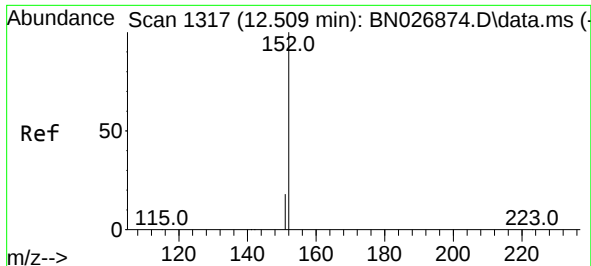
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 16078 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.6  | 9.0   | 13.6  |
| 54        | 7.4   | 5.5   | 8.3   |
| 68        | 6.6   | 5.4   | 8.2   |



#8  
Nitrobenzene-d5  
Concen: 0.259 ng  
RT: 9.273 min Scan# 842  
Delta R.T. 0.000 min  
Lab File: BN027170.D  
Acq: 27 Aug 2023 01:13

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3520 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 45.5  | 34.1  | 51.1 |
| 54        | 46.9  | 37.0  | 55.4 |

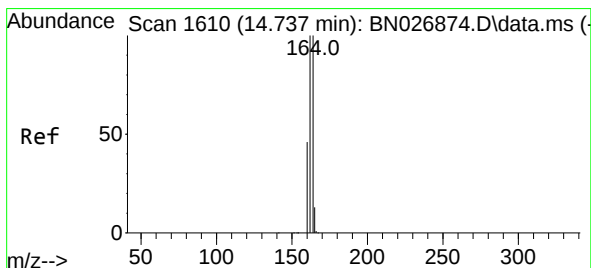
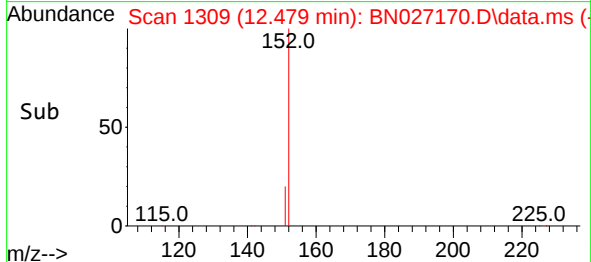
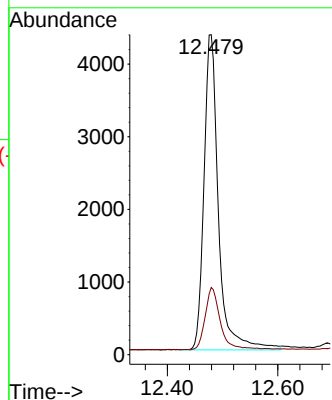
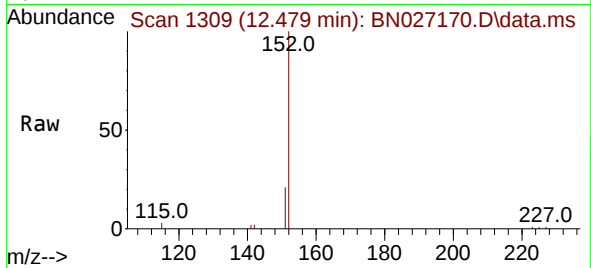




#11  
2-Methylnaphthalene-d10  
Concen: 0.310 ng  
RT: 12.479 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN027170.D  
Acq: 27 Aug 2023 01:13

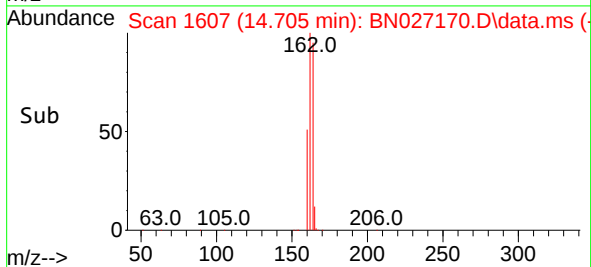
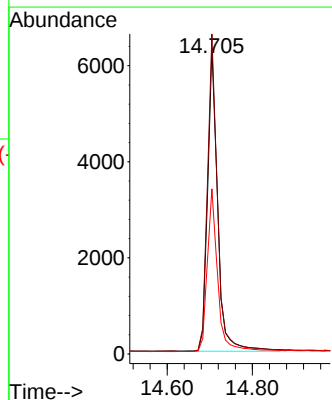
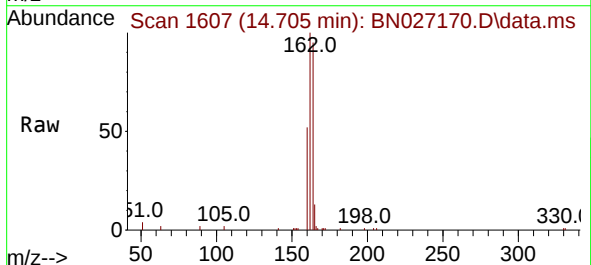
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BNA\_N  
ClientSampleId :  
RE120D3-20230816

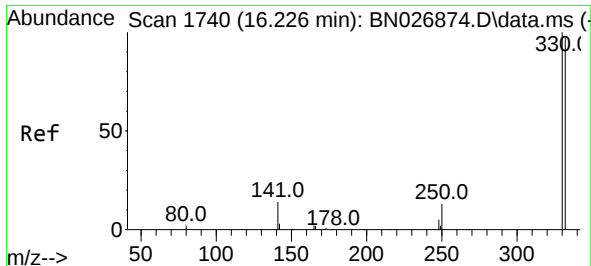
Tgt Ion:152 Resp: 7915  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.3 24.5



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.705 min Scan# 1607  
Delta R.T. 0.000 min  
Lab File: BN027170.D  
Acq: 27 Aug 2023 01:13

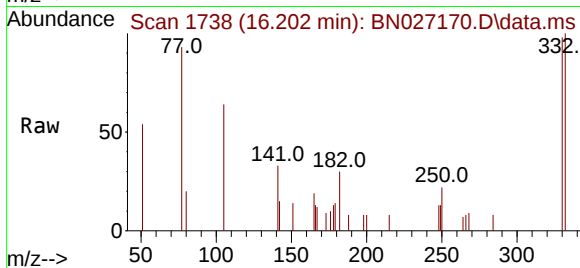
Tgt Ion:164 Resp: 10349  
Ion Ratio Lower Upper  
164 100  
162 104.8 79.7 119.5  
160 54.1 37.4 56.0



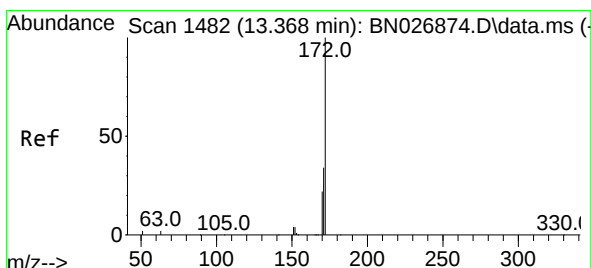
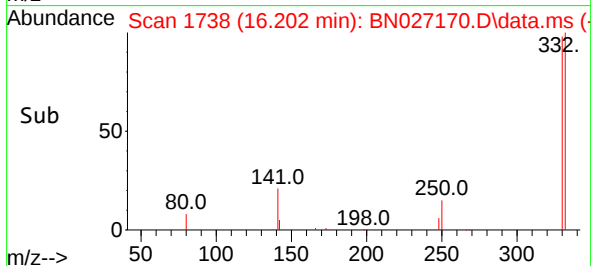
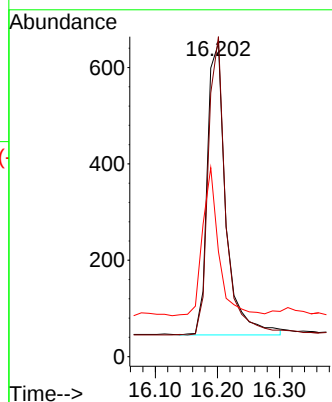


#14  
2,4,6-Tribromophenol  
Concen: 0.230 ng  
RT: 16.202 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN027170.D  
Acq: 27 Aug 2023 01:13

Instrument :  
BNA\_N  
ClientSampleId :  
RE120D3-20230816

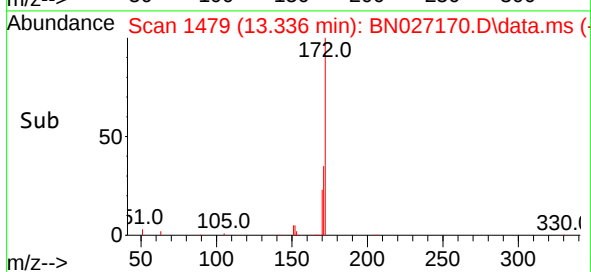
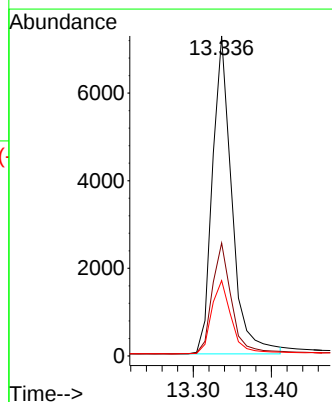
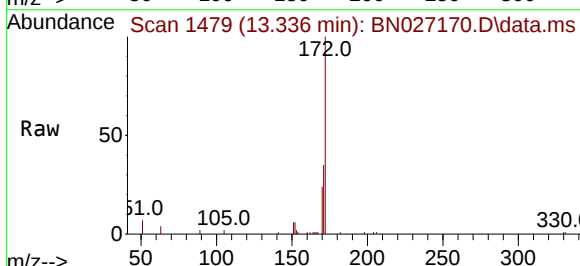


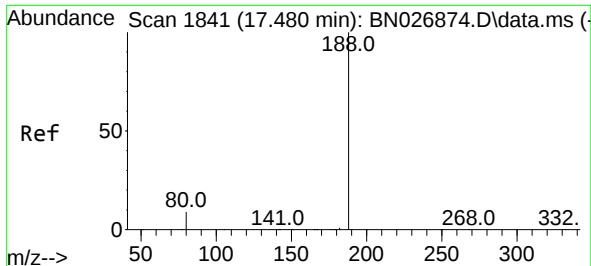
Tgt Ion:330 Resp: 1267  
Ion Ratio Lower Upper  
330 100  
332 95.1 76.6 114.8  
141 43.9 32.3 48.5



#15  
2-Fluorobiphenyl  
Concen: 0.326 ng  
RT: 13.336 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: BN027170.D  
Acq: 27 Aug 2023 01:13

Tgt Ion:172 Resp: 12535  
Ion Ratio Lower Upper  
172 100  
171 35.3 27.4 41.0  
170 23.6 18.0 27.0

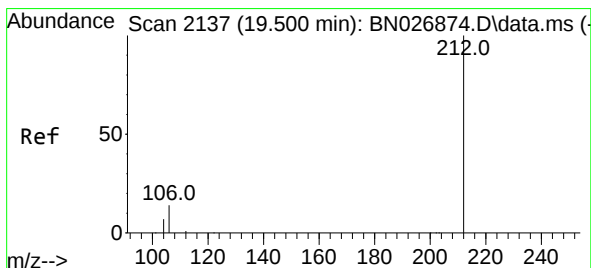
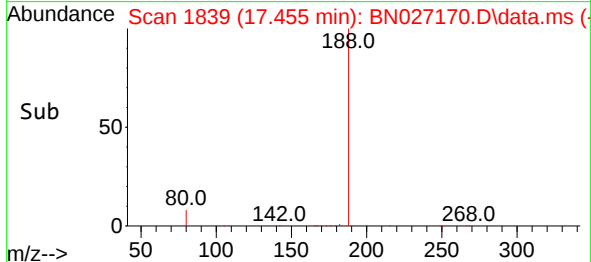
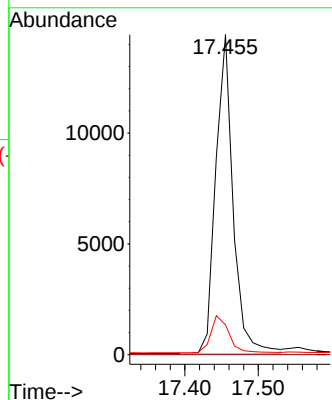
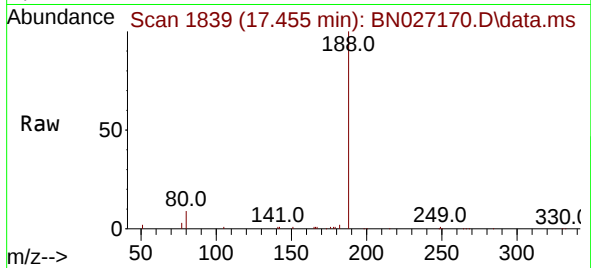




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.455 min Scan# 1839  
Delta R.T. 0.000 min  
Lab File: BN027170.D  
Acq: 27 Aug 2023 01:13

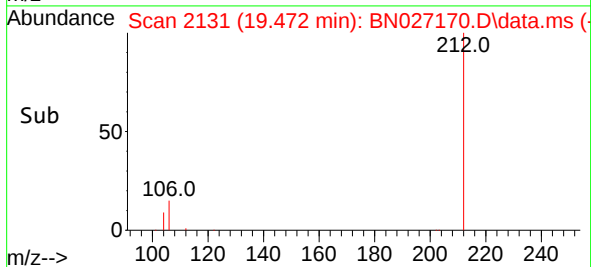
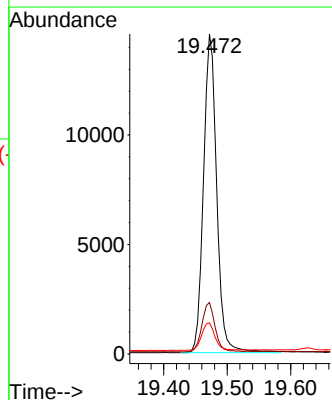
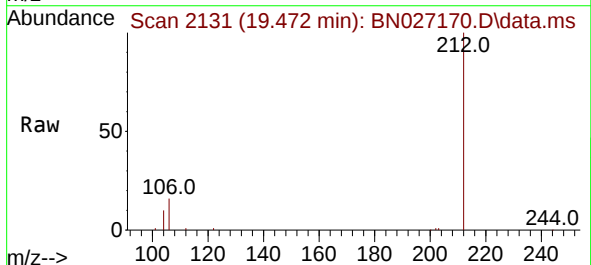
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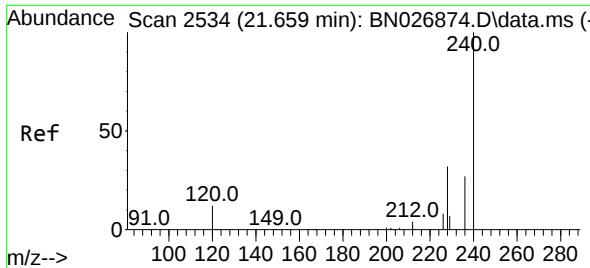
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Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.3 7.4 11.2



#27  
Fluoranthene-d10  
Concen: 0.349 ng  
RT: 19.472 min Scan# 2131  
Delta R.T. -0.005 min  
Lab File: BN027170.D  
Acq: 27 Aug 2023 01:13

Tgt Ion:212 Resp: 21066  
Ion Ratio Lower Upper  
212 100  
106 15.3 10.9 16.3  
104 8.9 5.9 8.9

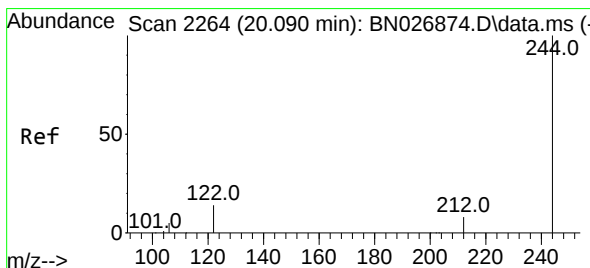
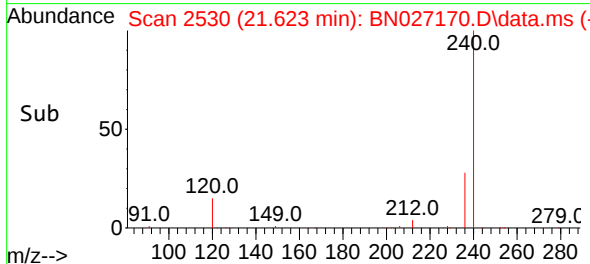
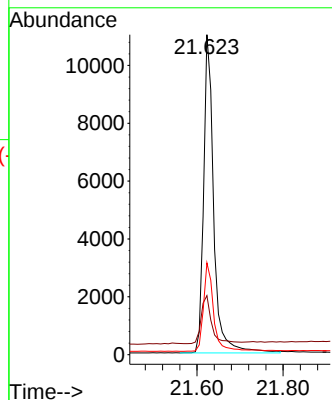
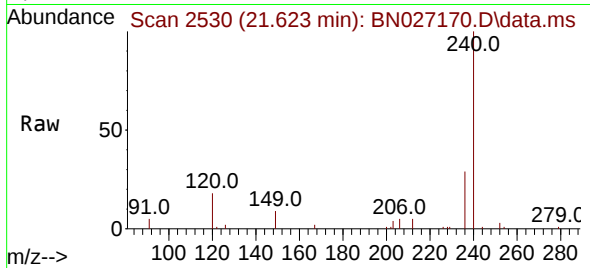




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.623 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN027170.D  
Acq: 27 Aug 2023 01:13

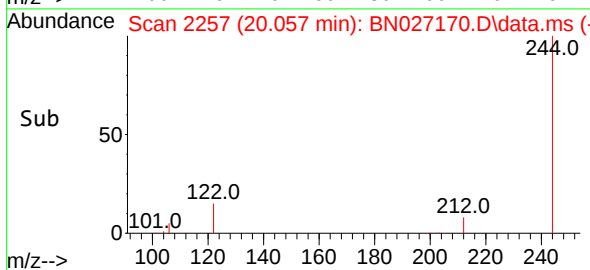
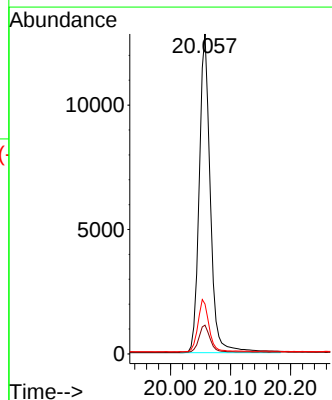
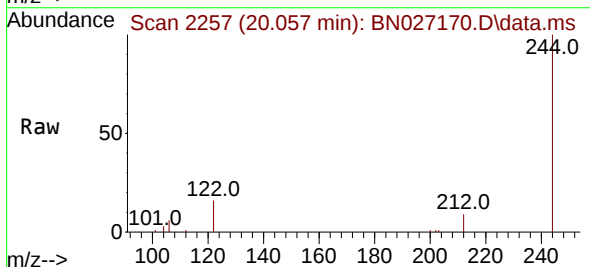
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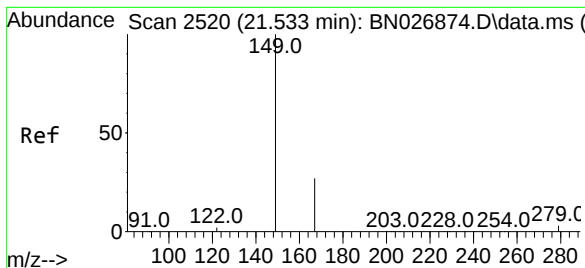
Tgt Ion:240 Resp: 17975  
Ion Ratio Lower Upper  
240 100  
120 18.4 11.1 16.7#  
236 28.7 22.2 33.2



#31  
Terphenyl-d14  
Concen: 0.440 ng  
RT: 20.057 min Scan# 2257  
Delta R.T. -0.005 min  
Lab File: BN027170.D  
Acq: 27 Aug 2023 01:13

Tgt Ion:244 Resp: 16533  
Ion Ratio Lower Upper  
244 100  
212 9.0 6.9 10.3  
122 15.6 11.9 17.9

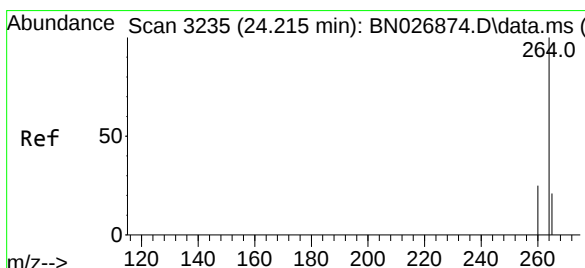
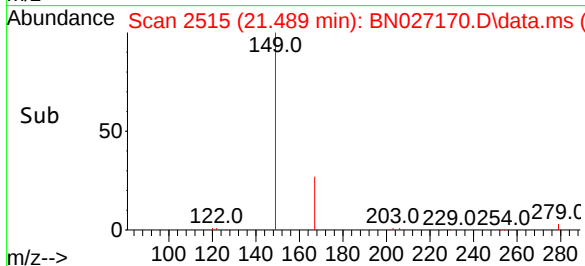
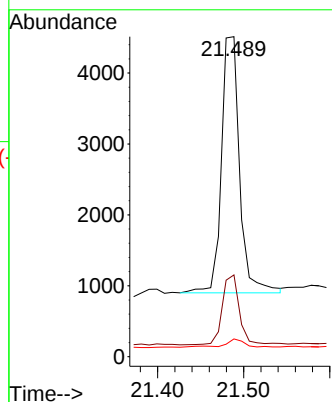
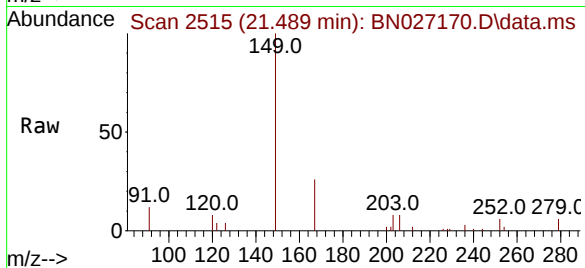




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.113 ng  
 RT: 21.489 min Scan# 2148  
 Delta R.T. -0.009 min  
 Lab File: BN027170.D  
 Acq: 27 Aug 2023 01:13

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE120D3-20230816

Tgt Ion:149 Resp: 5288  
 Ion Ratio Lower Upper  
 149 100  
 167 25.7 21.4 32.0  
 279 3.3 3.6 5.4#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.159 min Scan# 3216  
 Delta R.T. -0.012 min  
 Lab File: BN027170.D  
 Acq: 27 Aug 2023 01:13

Tgt Ion:264 Resp: 16104  
 Ion Ratio Lower Upper  
 264 100  
 260 26.2 20.4 30.6  
 265 63.8 27.0 40.6#

