

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032323\  
 Data File : BN024534.D  
 Acq On : 24 Mar 2023 07:06  
 Operator : CG/JU  
 Sample : 01941-17  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE114D2-20230314

Quant Time: Mar 24 07:45:02 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 24 03:05:57 2023  
 Response via : Initial Calibration

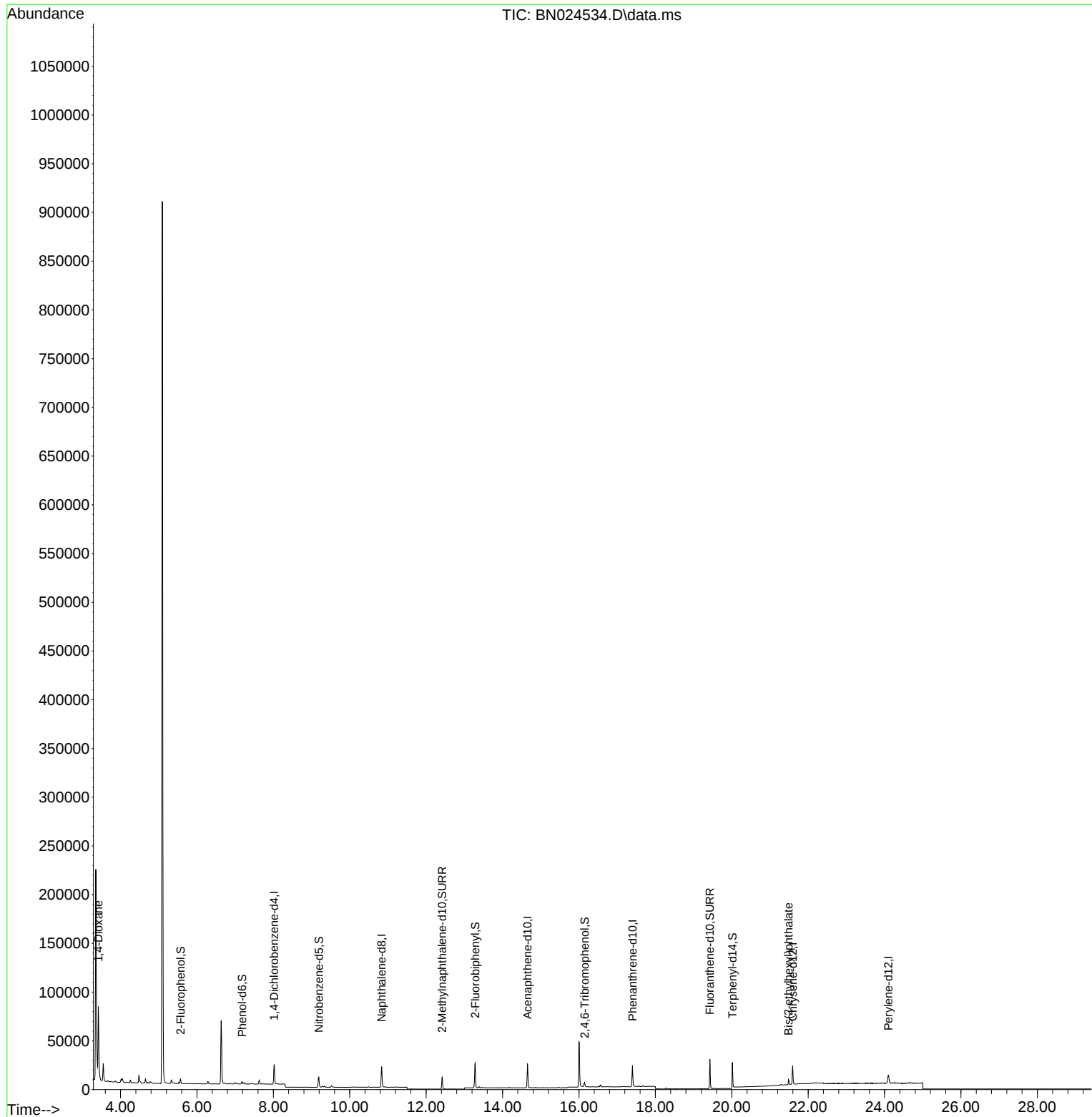
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.018  | 152  | 9482     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.834 | 136  | 27051    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.654 | 164  | 13553    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.401 | 188  | 29390    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.592 | 240  | 18704    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.100 | 264  | 15301    | 0.400 | ng    | # 0.02   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.570  | 112  | 3932     | 0.187 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.181  | 99   | 2594     | 0.096 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.190  | 82   | 9418     | 0.521 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.418 | 152  | 16002    | 0.481 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.147 | 330  | 2758     | 0.398 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.286 | 172  | 24143    | 0.472 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.429 | 212  | 31927    | 0.512 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.016 | 244  | 18767    | 0.595 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.418  | 88   | 45912    | 4.450 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.485 | 149  | 5230     | 0.178 | ng    | # 97     |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032323\  
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Sample : 01941-17  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RE114D2-20230314

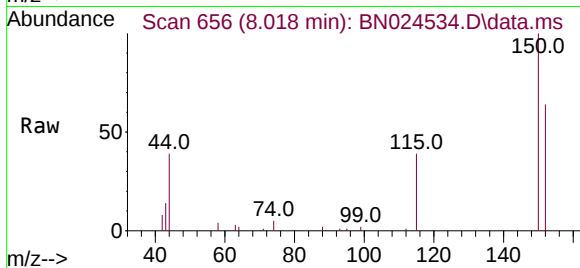
Quant Time: Mar 24 07:45:02 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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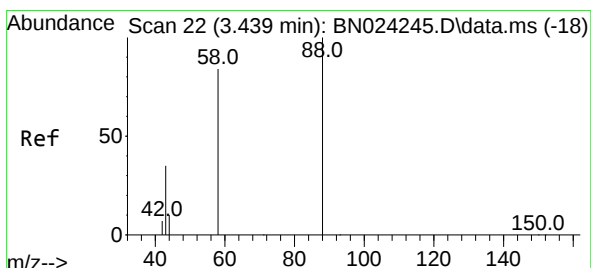
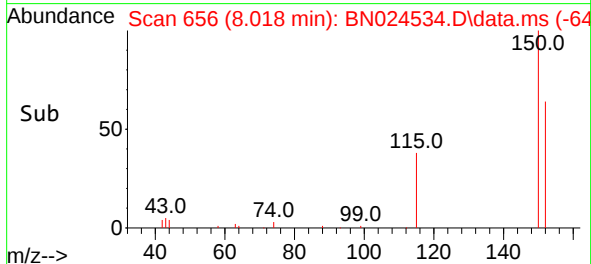
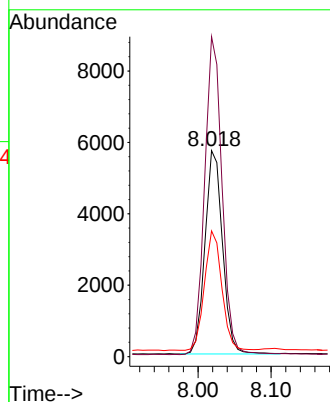


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.018 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: BN024534.D  
Acq: 24 Mar 2023 07:06

Instrument :  
BNA\_N  
ClientSampleId :  
RE114D2-20230314

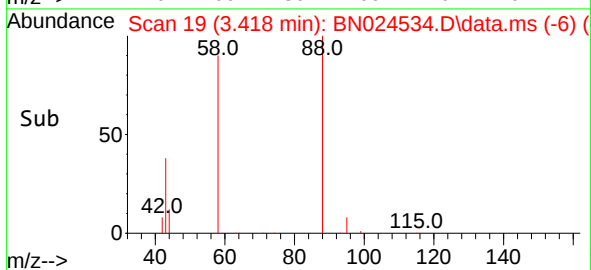
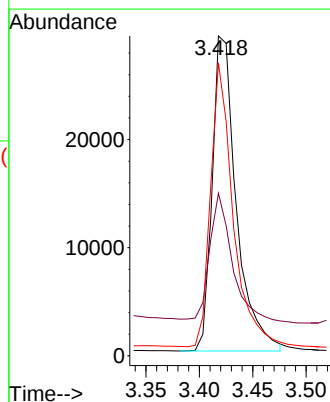
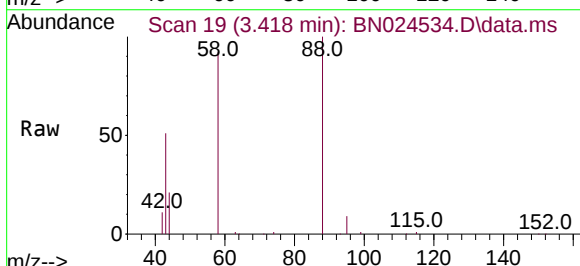


Tgt Ion:152 Resp: 9482  
Ion Ratio Lower Upper  
152 100  
150 155.3 124.7 187.1  
115 61.0 49.1 73.7



#2  
1,4-Dioxane  
Concen: 4.450 ng  
RT: 3.418 min Scan# 19  
Delta R.T. -0.007 min  
Lab File: BN024534.D  
Acq: 24 Mar 2023 07:06

Tgt Ion: 88 Resp: 45912  
Ion Ratio Lower Upper  
88 100  
43 37.5 29.0 43.4  
58 83.8 67.3 100.9

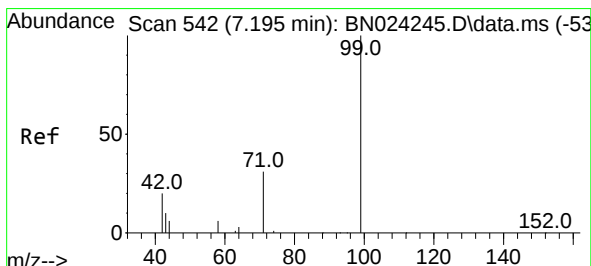
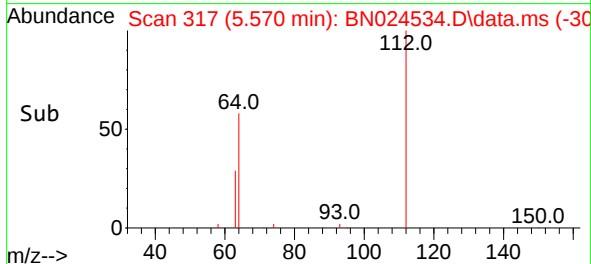
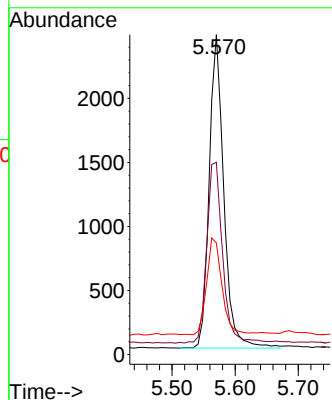
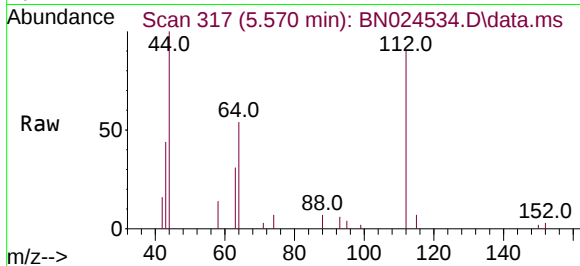




#4  
2-Fluorophenol  
Concen: 0.187 ng  
RT: 5.570 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: BN024534.D  
Acq: 24 Mar 2023 07:06

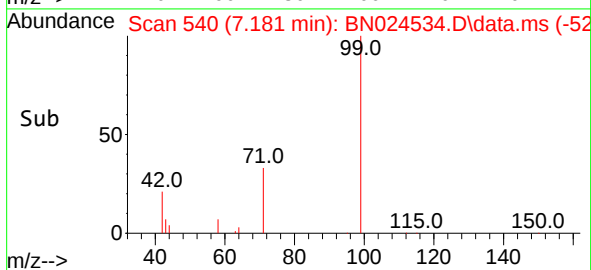
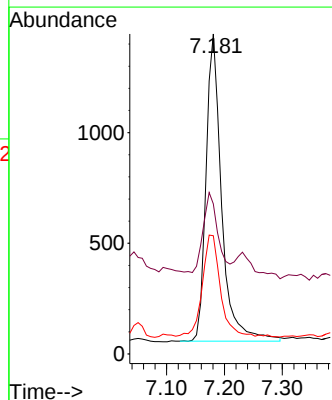
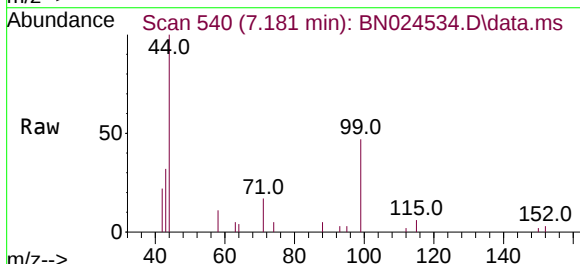
Instrument :  
BNA\_N  
ClientSampleId :  
RE114D2-20230314

Tgt Ion:112 Resp: 3932  
Ion Ratio Lower Upper  
112 100  
64 62.7 49.0 73.6  
63 31.8 25.7 38.5



#5  
Phenol-d6  
Concen: 0.096 ng  
RT: 7.181 min Scan# 540  
Delta R.T. 0.000 min  
Lab File: BN024534.D  
Acq: 24 Mar 2023 07:06

Tgt Ion: 99 Resp: 2594  
Ion Ratio Lower Upper  
99 100  
42 25.6 20.1 30.1  
71 37.5 25.8 38.8

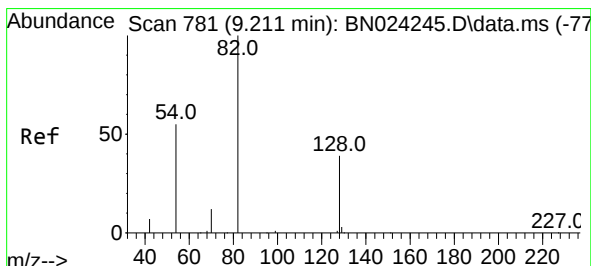
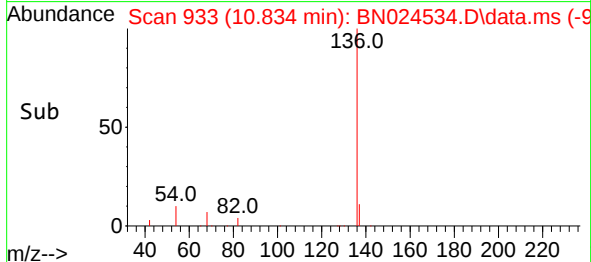
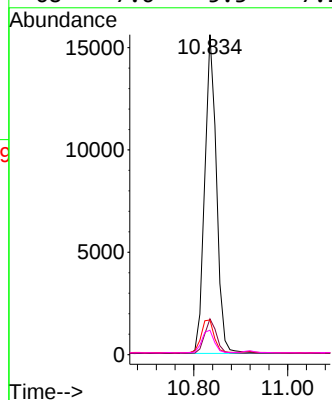
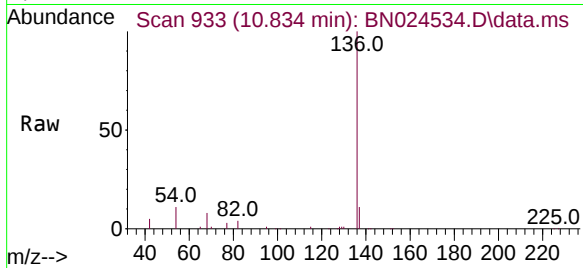




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.834 min Scan# 936  
Delta R.T. 0.000 min  
Lab File: BN024534.D  
Acq: 24 Mar 2023 07:06

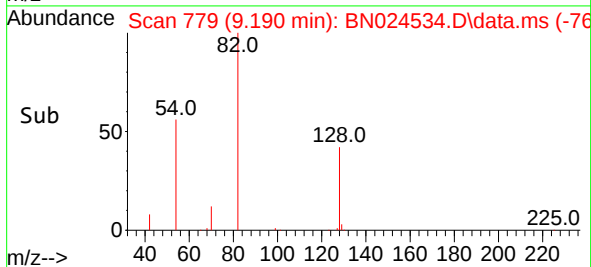
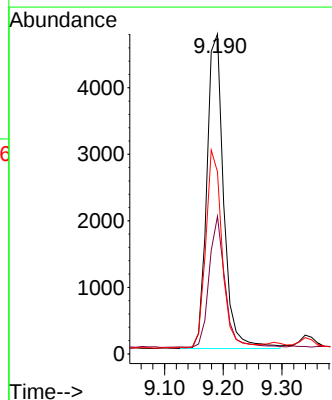
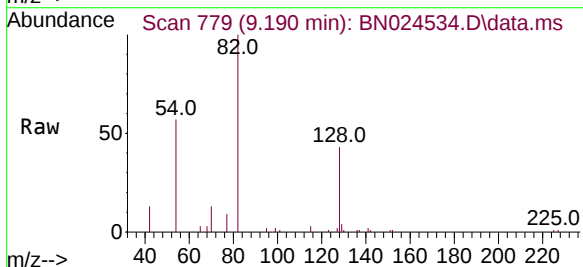
Instrument :  
BNA\_N  
ClientSampleId :  
RE114D2-20230314

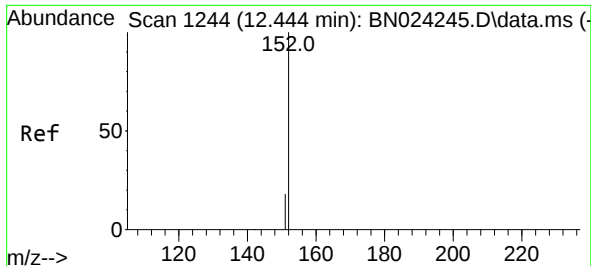
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 27051 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.2  | 8.9   | 13.3  |
| 54        | 10.8  | 7.1   | 10.7  |
| 68        | 7.6   | 5.3   | 7.9   |



#8  
Nitrobenzene-d5  
Concen: 0.521 ng  
RT: 9.190 min Scan# 779  
Delta R.T. 0.000 min  
Lab File: BN024534.D  
Acq: 24 Mar 2023 07:06

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 9418 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 43.0  | 32.4  | 48.6 |
| 54        | 56.9  | 45.2  | 67.8 |

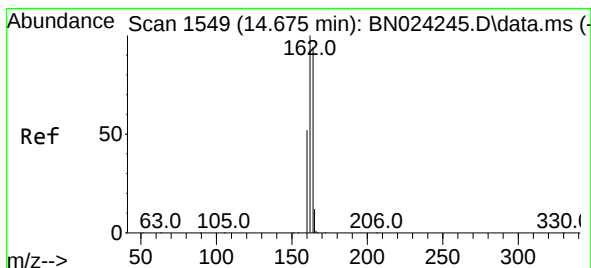
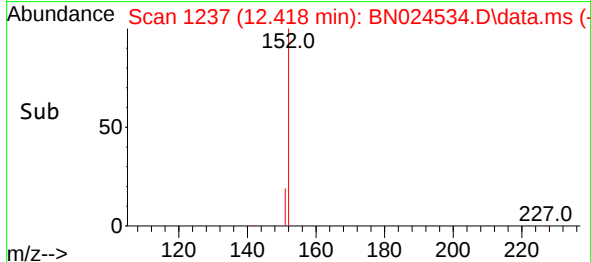
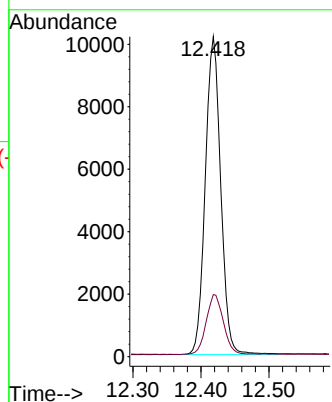
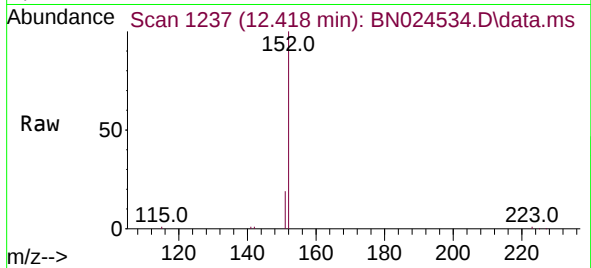




#11  
2-Methylnaphthalene-d10  
Concen: 0.481 ng  
RT: 12.418 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN024534.D  
Acq: 24 Mar 2023 07:06

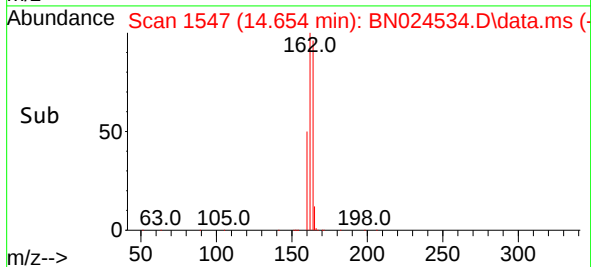
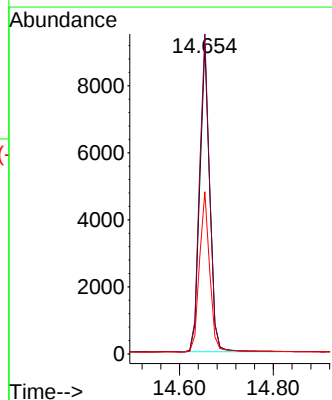
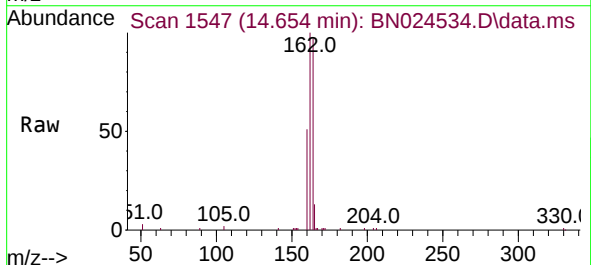
Instrument :  
BNA\_N  
ClientSampleId :  
RE114D2-20230314

Tgt Ion:152 Resp: 16002  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.8 25.2



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.654 min Scan# 1547  
Delta R.T. 0.000 min  
Lab File: BN024534.D  
Acq: 24 Mar 2023 07:06

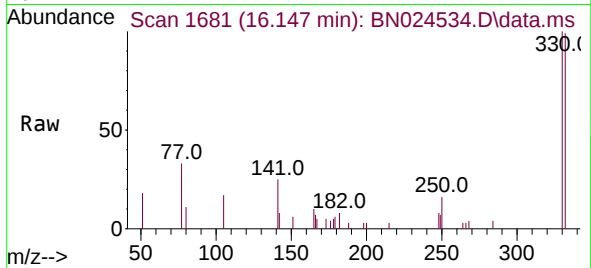
Tgt Ion:164 Resp: 13553  
Ion Ratio Lower Upper  
164 100  
162 103.5 84.7 127.1  
160 52.5 44.6 66.8



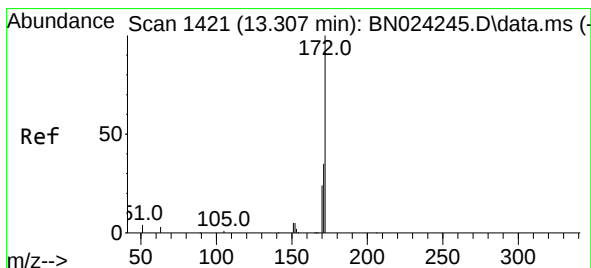
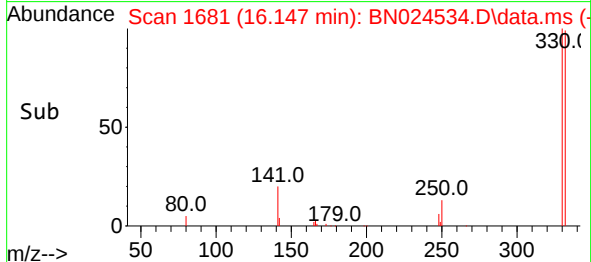
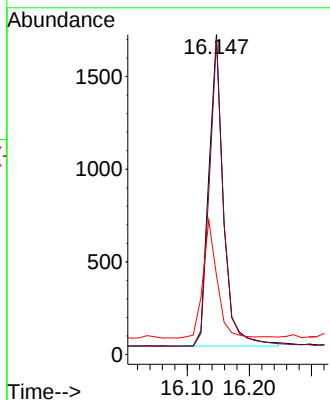


#14  
2,4,6-Tribromophenol  
Concen: 0.398 ng  
RT: 16.147 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: BN024534.D  
Acq: 24 Mar 2023 07:06

Instrument :  
BNA\_N  
ClientSampleId :  
RE114D2-20230314

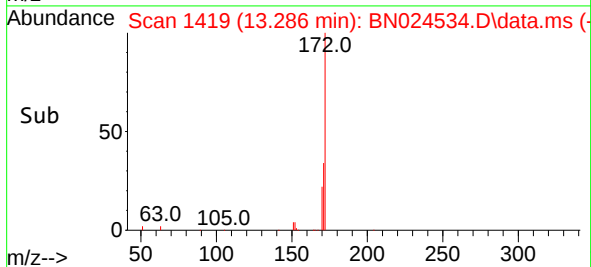
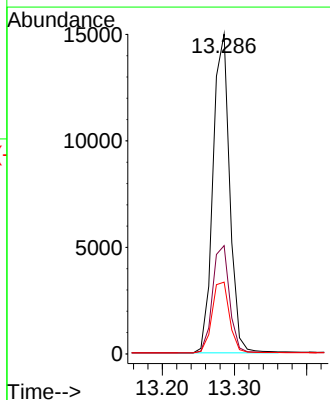
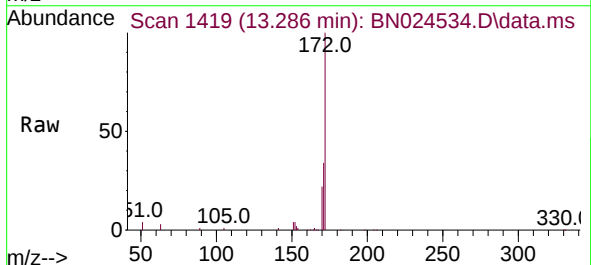


Tgt Ion: 330 Resp: 2758  
Ion Ratio Lower Upper  
330 100  
332 96.5 78.0 117.0  
141 36.9 30.8 46.2



#15  
2-Fluorobiphenyl  
Concen: 0.472 ng  
RT: 13.286 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: BN024534.D  
Acq: 24 Mar 2023 07:06

Tgt Ion: 172 Resp: 24143  
Ion Ratio Lower Upper  
172 100  
171 33.8 27.8 41.8  
170 22.4 19.0 28.6

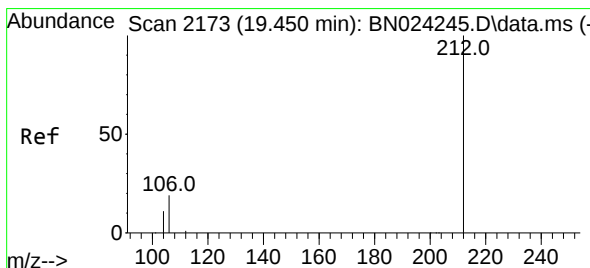
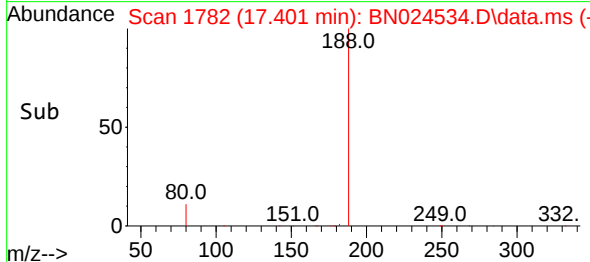
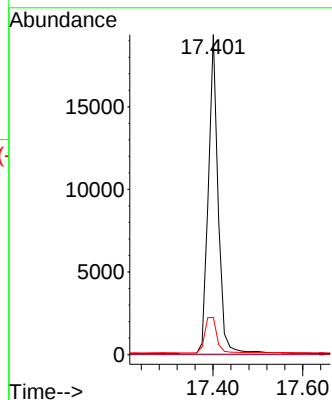
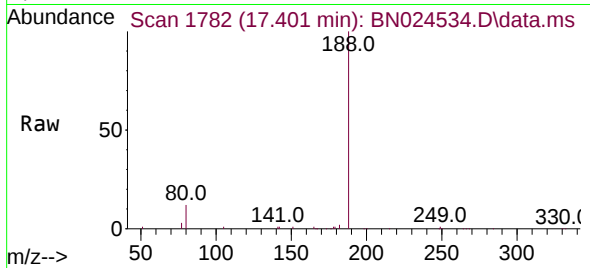




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.401 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN024534.D  
Acq: 24 Mar 2023 07:06

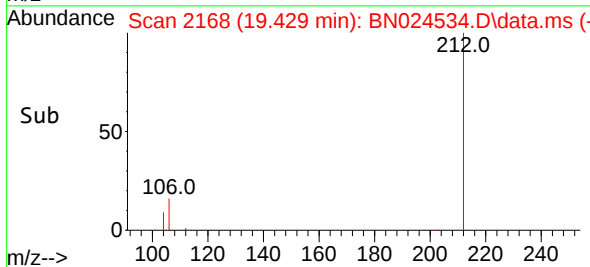
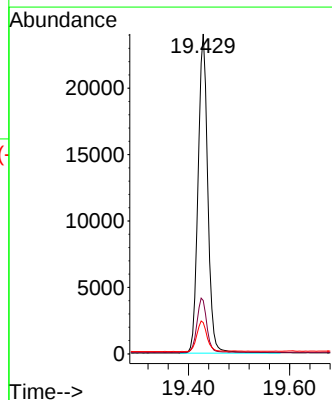
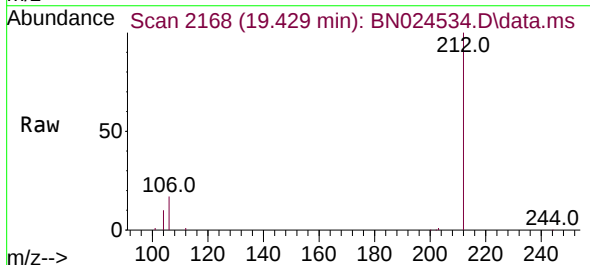
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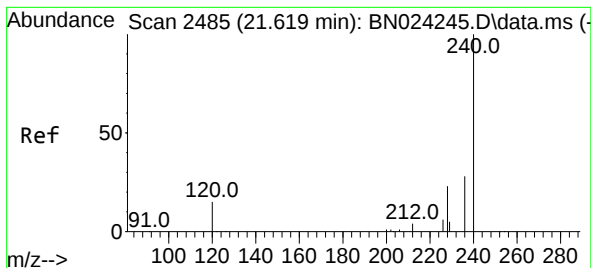
Tgt Ion:188 Resp: 29390  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.6 8.9 13.3



#27  
Fluoranthene-d10  
Concen: 0.512 ng  
RT: 19.429 min Scan# 2168  
Delta R.T. 0.000 min  
Lab File: BN024534.D  
Acq: 24 Mar 2023 07:06

Tgt Ion:212 Resp: 31927  
Ion Ratio Lower Upper  
212 100  
106 17.3 15.4 23.2  
104 10.1 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.592 min Scan# 2485

Delta R.T. 0.009 min

Lab File: BN024534.D

Acq: 24 Mar 2023 07:06

Instrument :

BNA\_N

ClientSampleId :

RE114D2-20230314

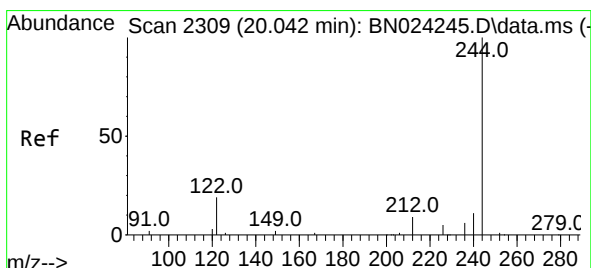
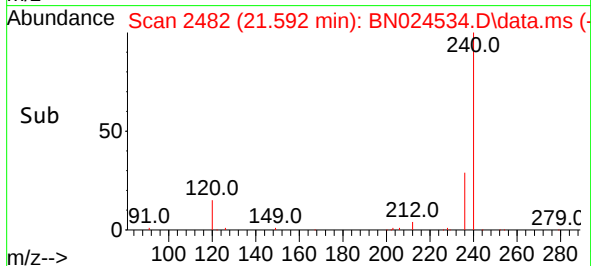
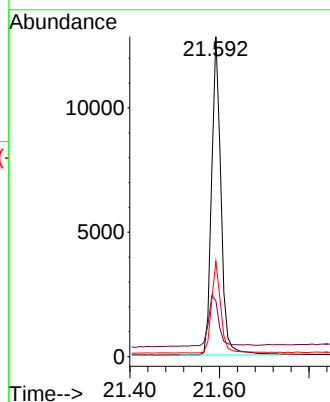
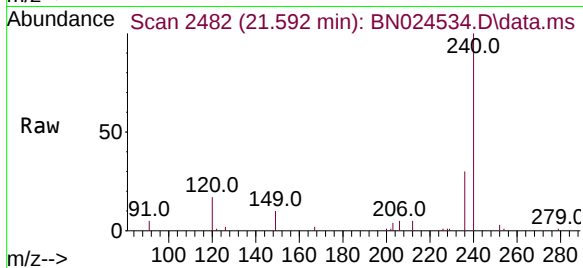
Tgt Ion:240 Resp: 18704

Ion Ratio Lower Upper

240 100

120 17.5 12.8 19.2

236 29.7 22.5 33.7



#31

Terphenyl-d14

Concen: 0.595 ng

RT: 20.016 min Scan# 2306

Delta R.T. 0.000 min

Lab File: BN024534.D

Acq: 24 Mar 2023 07:06

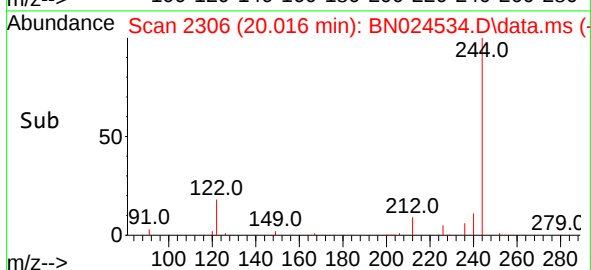
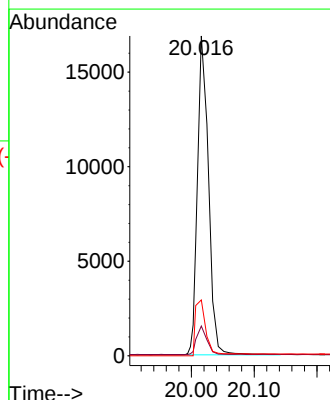
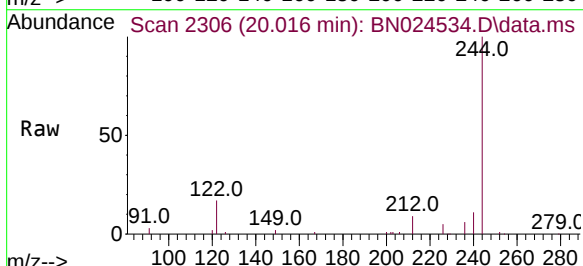
Tgt Ion:244 Resp: 18767

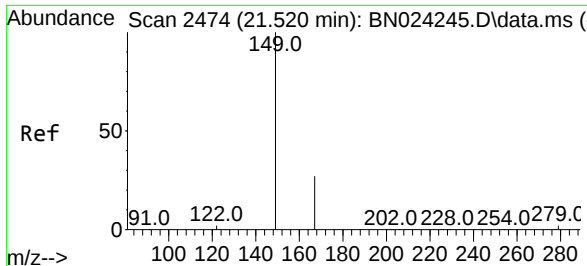
Ion Ratio Lower Upper

244 100

212 9.3 7.6 11.4

122 17.5 15.1 22.7

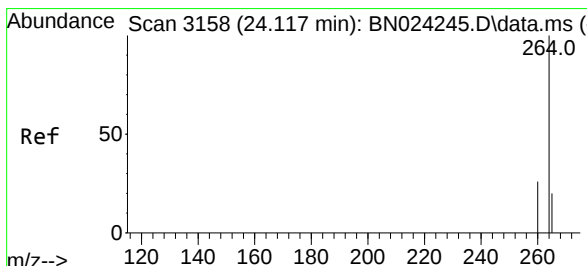
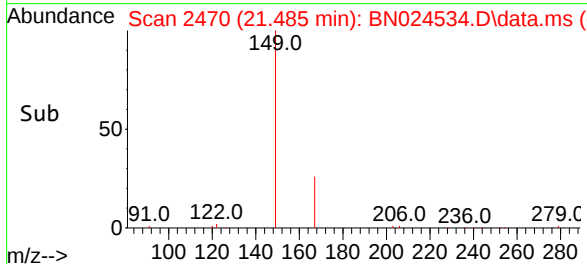
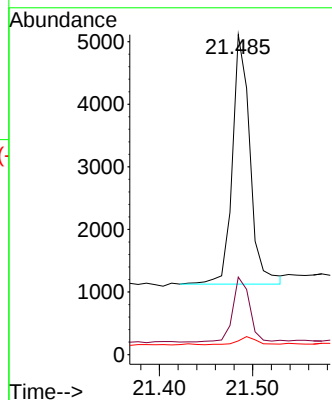
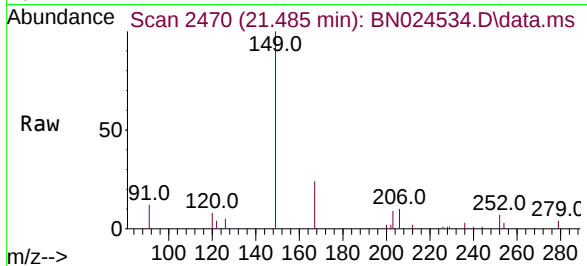




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.178 ng  
 RT: 21.485 min Scan# 2474  
 Delta R.T. 0.000 min  
 Lab File: BN024534.D  
 Acq: 24 Mar 2023 07:06

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE114D2-20230314

Tgt Ion:149 Resp: 5230  
 Ion Ratio Lower Upper  
 149 100  
 167 24.8 21.2 31.8  
 279 3.5 1.8 2.8#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.100 min Scan# 3152  
 Delta R.T. 0.021 min  
 Lab File: BN024534.D  
 Acq: 24 Mar 2023 07:06

Tgt Ion:264 Resp: 15301  
 Ion Ratio Lower Upper  
 264 100  
 260 26.9 21.4 32.2  
 265 88.7 35.7 53.5#

