

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031323\  
 Data File : BN024251.D  
 Acq On : 13 Mar 2023 18:44  
 Operator : CG/JU  
 Sample : PB151332BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB151332BL

Quant Time: Mar 14 03:32:48 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 14 03:11:52 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.047  | 152  | 7241     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.866 | 136  | 20189    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.675 | 164  | 10163    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.425 | 188  | 22404    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12            | 21.610 | 240  | 16401    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12            | 24.114 | 264  | 13708    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.592  | 112  | 6152     | 0.384 | ng    | 0.00     |
| 5) Phenol-d6                | 7.195  | 99   | 7621     | 0.370 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 9.211  | 82   | 5078     | 0.376 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.444 | 152  | 10118    | 0.408 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 16.172 | 330  | 1192     | 0.229 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl        | 13.307 | 172  | 15170    | 0.395 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.450 | 212  | 20172    | 0.425 | ng    | 0.00     |
| 31) Terphenyl-d14           | 20.043 | 244  | 12040    | 0.435 | ng    | 0.00     |

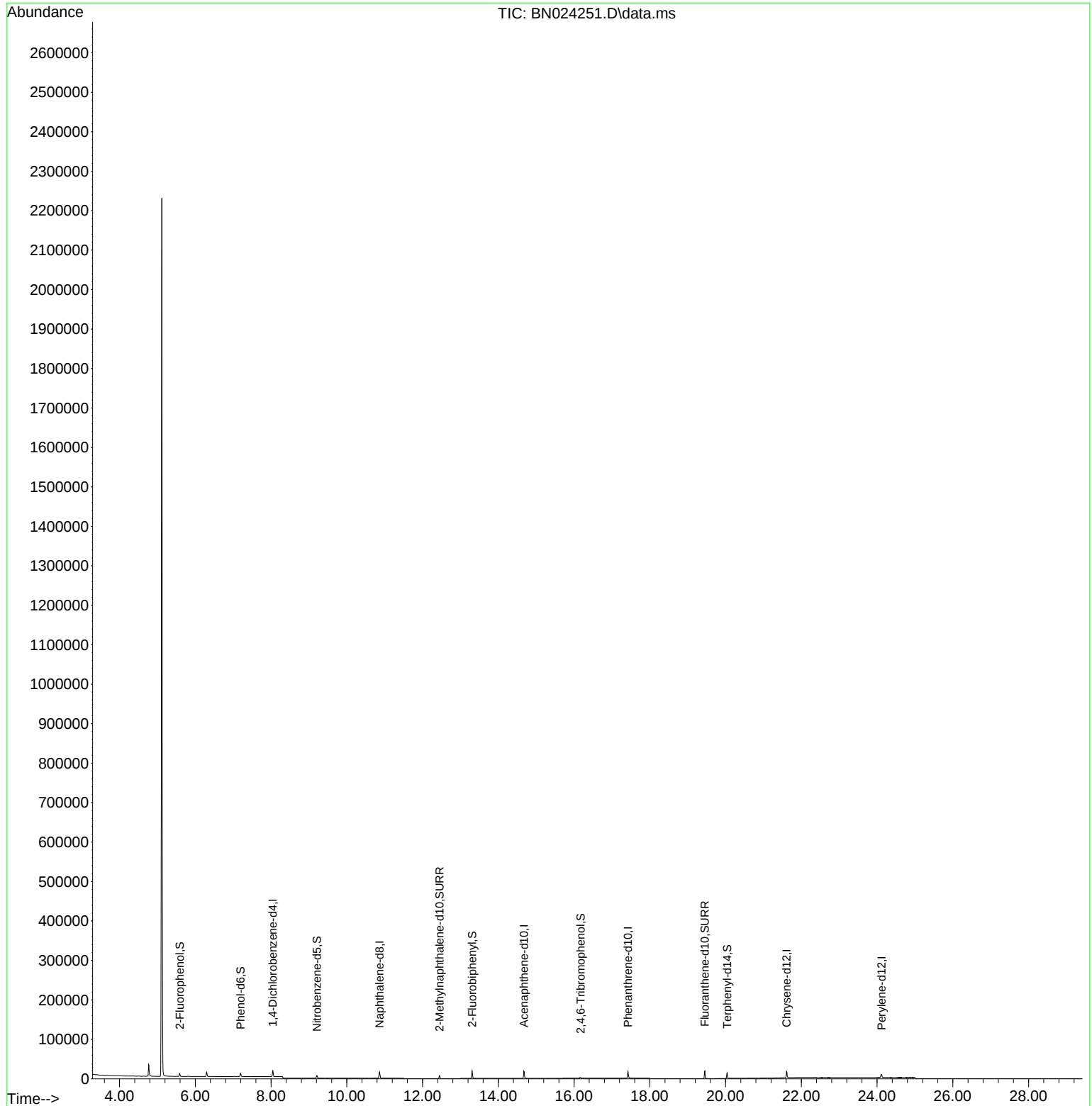
Target Compounds Qvalue

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

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Sample : PB151332BL  
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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
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Quant Time: Mar 14 03:32:48 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Mar 14 03:11:52 2023  
Response via : Initial Calibration

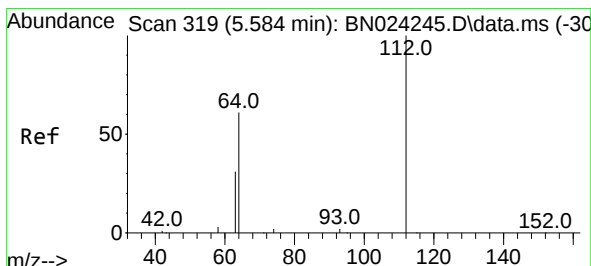
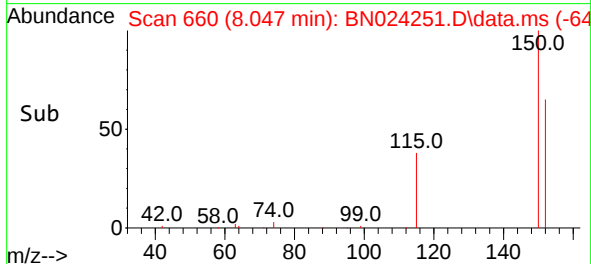
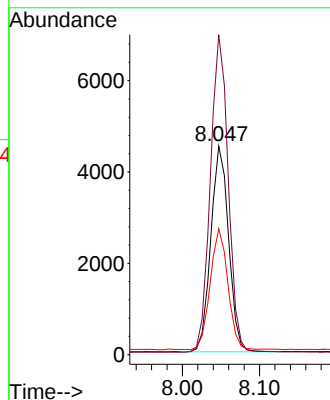
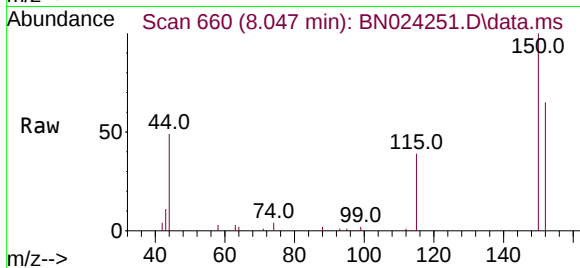




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.047 min Scan# 60  
 Delta R.T. 0.000 min  
 Lab File: BN024251.D  
 Acq: 13 Mar 2023 18:44

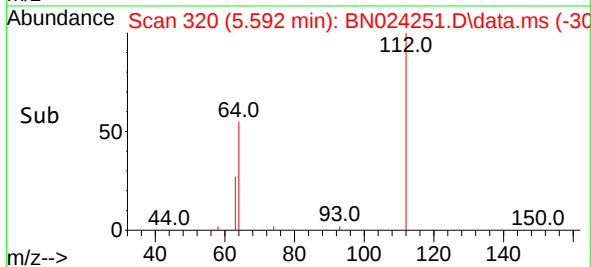
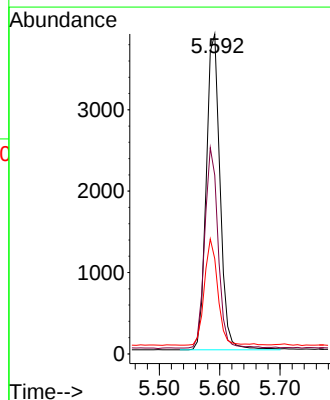
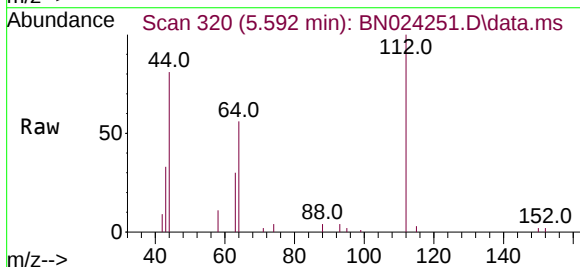
Instrument :  
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 ClientSampleId :  
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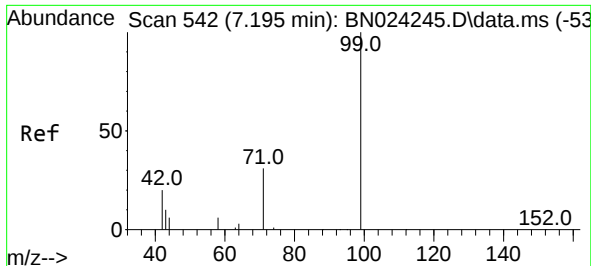
Tgt Ion:152 Resp: 7241  
 Ion Ratio Lower Upper  
 152 100  
 150 153.4 124.7 187.1  
 115 60.3 49.1 73.7



#4  
 2-Fluorophenol  
 Concen: 0.384 ng  
 RT: 5.592 min Scan# 320  
 Delta R.T. 0.007 min  
 Lab File: BN024251.D  
 Acq: 13 Mar 2023 18:44

Tgt Ion:112 Resp: 6152  
 Ion Ratio Lower Upper  
 112 100  
 64 61.8 49.0 73.6  
 63 32.7 25.7 38.5

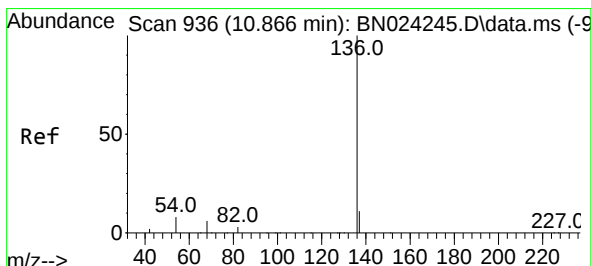
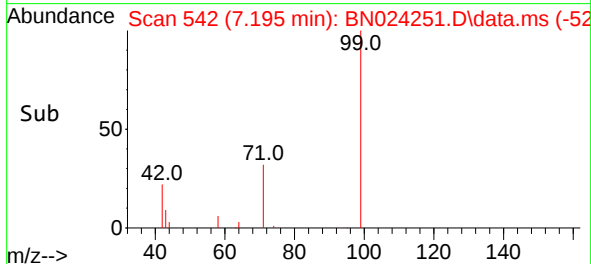
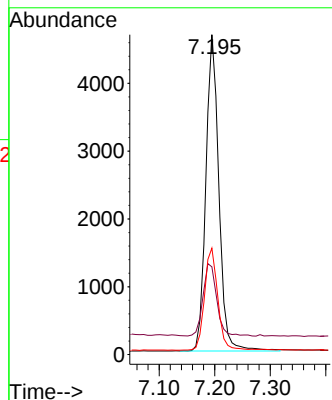
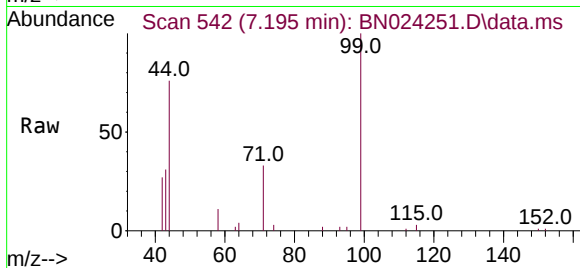




#5  
Phenol-d6  
Concen: 0.370 ng  
RT: 7.195 min Scan# 542  
Delta R.T. 0.000 min  
Lab File: BN024251.D  
Acq: 13 Mar 2023 18:44

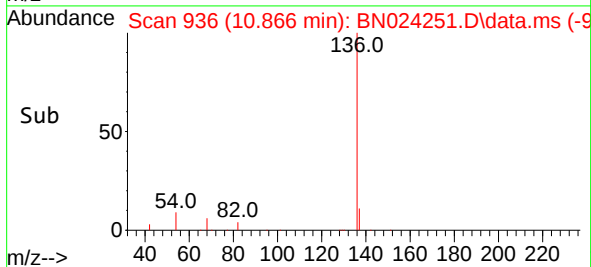
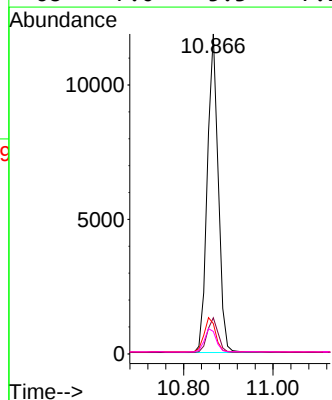
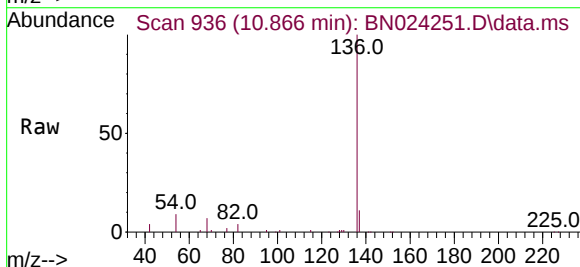
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ClientSampleId :  
PB151332BL

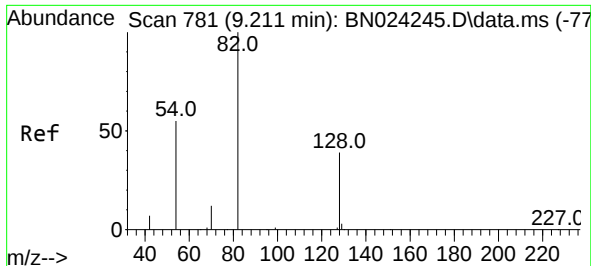
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 7621  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 24.0  | 20.1  | 30.1  |
| 71       | 33.1  | 25.8  | 38.8  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.866 min Scan# 936  
Delta R.T. 0.000 min  
Lab File: BN024251.D  
Acq: 13 Mar 2023 18:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 20189 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.3  | 8.9   | 13.3  |
| 54       | 9.5   | 7.1   | 10.7  |
| 68       | 7.0   | 5.3   | 7.9   |

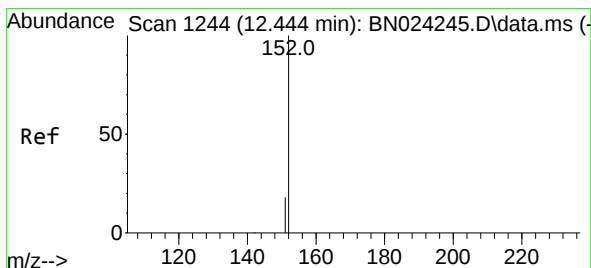
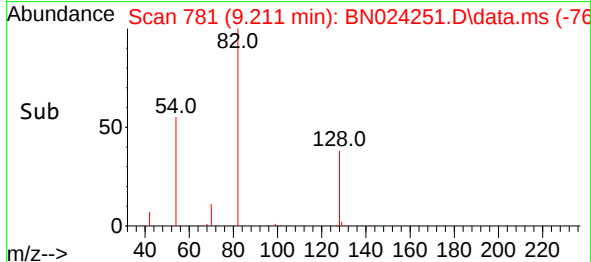
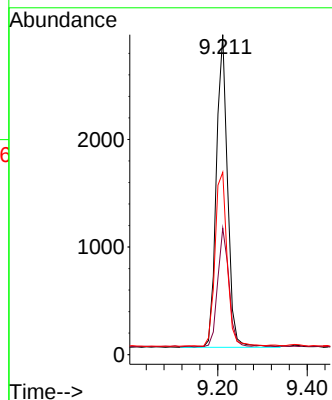
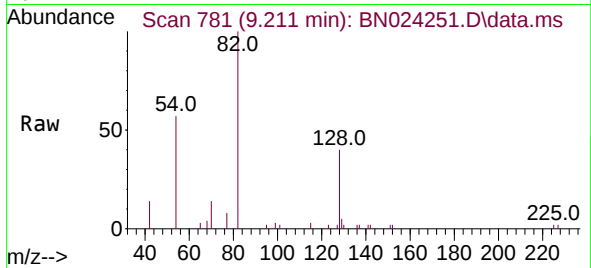




#8  
Nitrobenzene-d5  
Concen: 0.376 ng  
RT: 9.211 min Scan# 781  
Delta R.T. 0.000 min  
Lab File: BN024251.D  
Acq: 13 Mar 2023 18:44

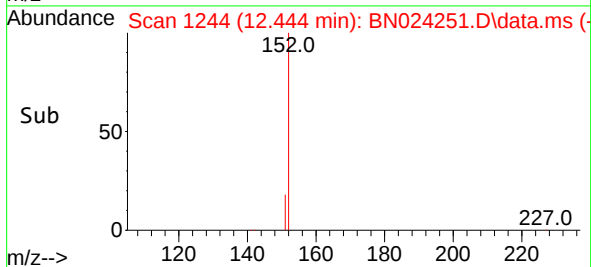
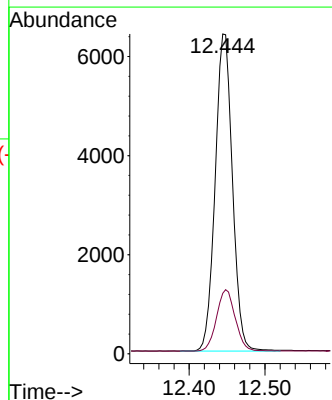
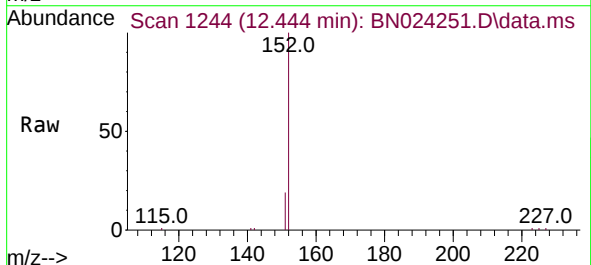
Instrument :  
BNA\_N  
ClientSampleId :  
PB151332BL

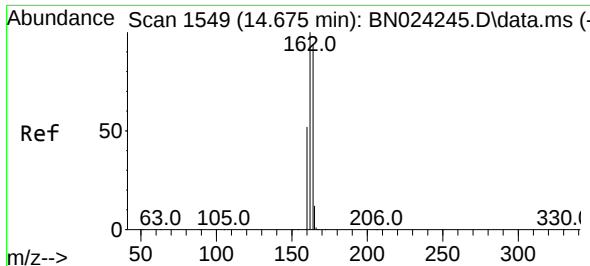
Tgt Ion: 82 Resp: 5078  
Ion Ratio Lower Upper  
82 100  
128 39.5 32.4 48.6  
54 57.0 45.2 67.8



#11  
2-Methylnaphthalene-d10  
Concen: 0.408 ng  
RT: 12.444 min Scan# 1244  
Delta R.T. 0.000 min  
Lab File: BN024251.D  
Acq: 13 Mar 2023 18:44

Tgt Ion: 152 Resp: 10118  
Ion Ratio Lower Upper  
152 100  
151 21.1 16.8 25.2

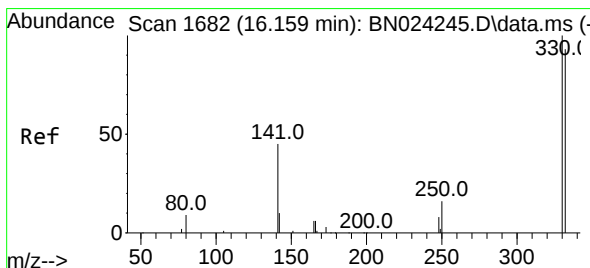
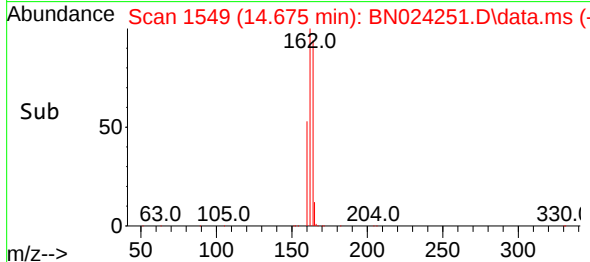
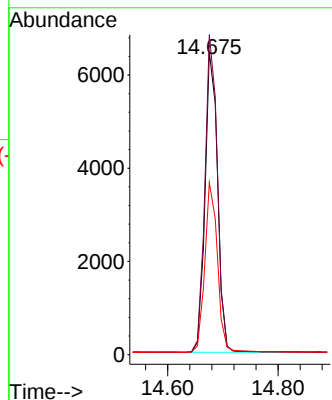
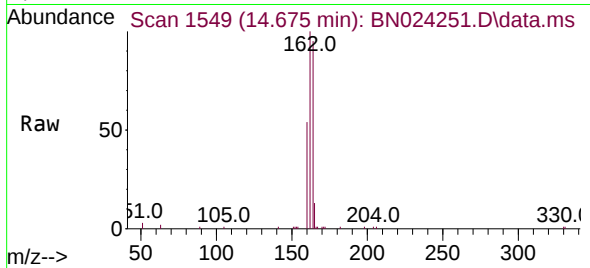




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.675 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN024251.D  
Acq: 13 Mar 2023 18:44

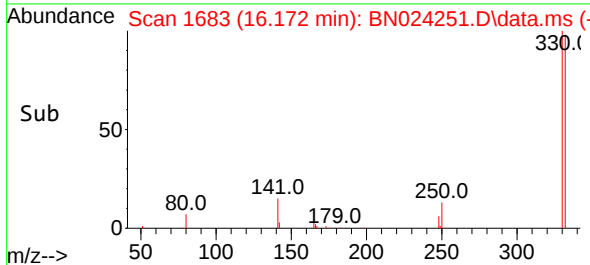
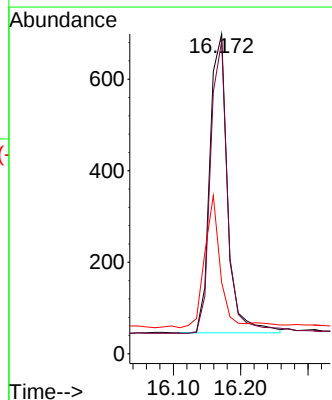
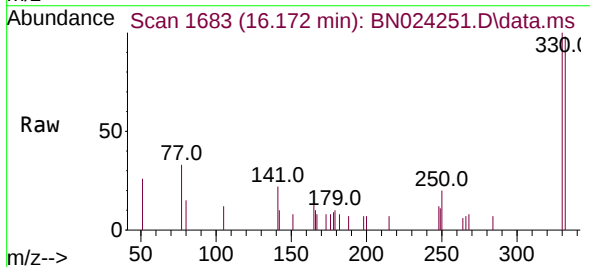
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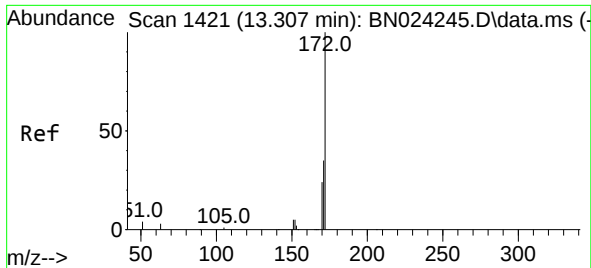
Tgt Ion:164 Resp: 10163  
Ion Ratio Lower Upper  
164 100  
162 105.8 84.7 127.1  
160 56.9 44.6 66.8



#14  
2,4,6-Tribromophenol  
Concen: 0.229 ng  
RT: 16.172 min Scan# 1683  
Delta R.T. 0.013 min  
Lab File: BN024251.D  
Acq: 13 Mar 2023 18:44

Tgt Ion:330 Resp: 1192  
Ion Ratio Lower Upper  
330 100  
332 95.6 78.0 117.0  
141 37.8 30.8 46.2

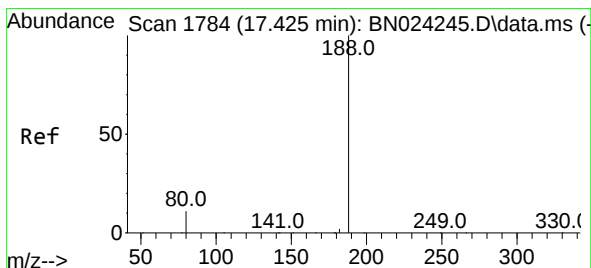
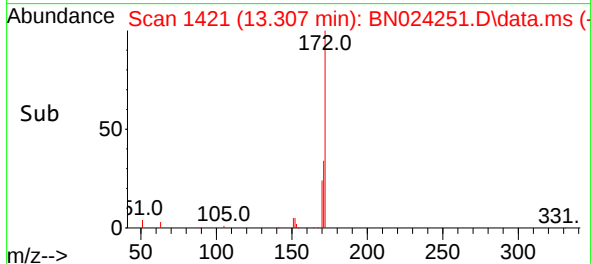
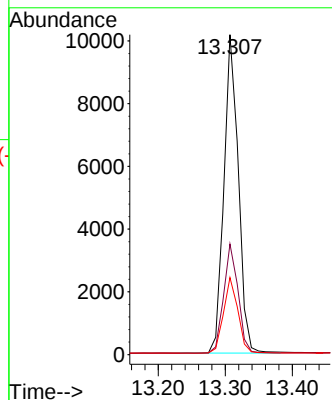
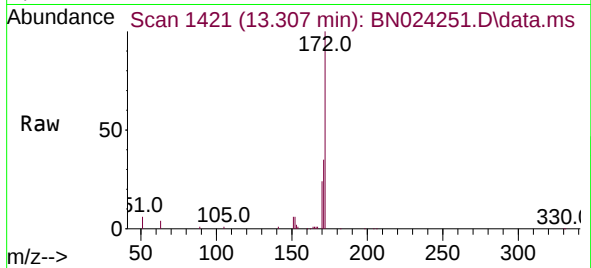




#15  
2-Fluorobiphenyl  
Concen: 0.395 ng  
RT: 13.307 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BN024251.D  
Acq: 13 Mar 2023 18:44

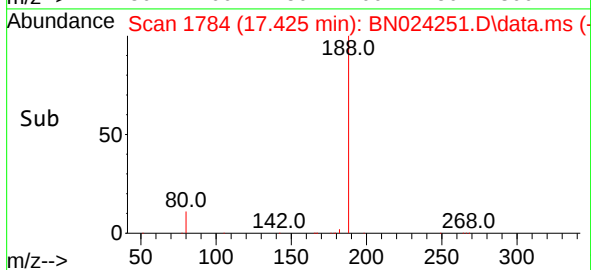
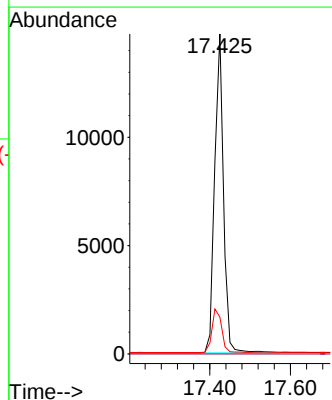
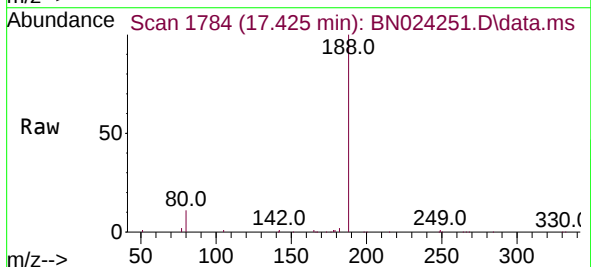
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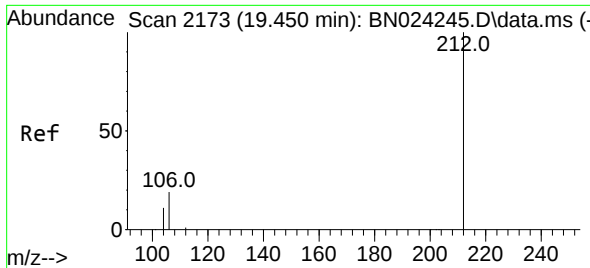
Tgt Ion:172 Resp: 15170  
Ion Ratio Lower Upper  
172 100  
171 34.6 27.8 41.8  
170 24.1 19.0 28.6



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.425 min Scan# 1784  
Delta R.T. 0.000 min  
Lab File: BN024251.D  
Acq: 13 Mar 2023 18:44

Tgt Ion:188 Resp: 22404  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.5 8.9 13.3

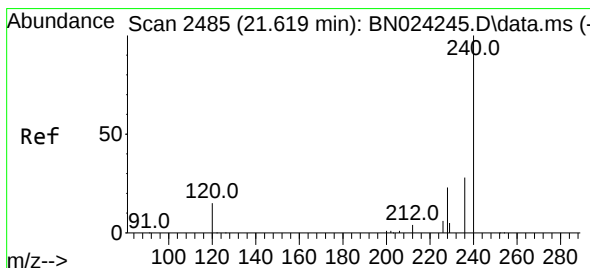
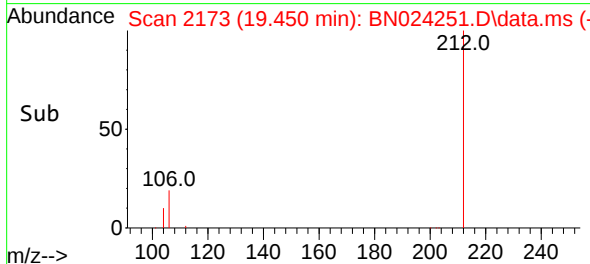
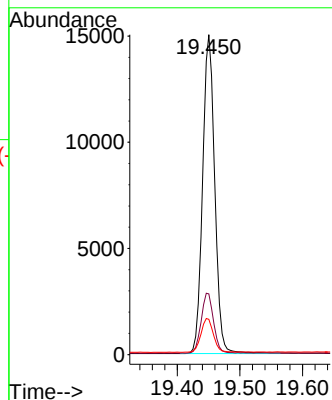
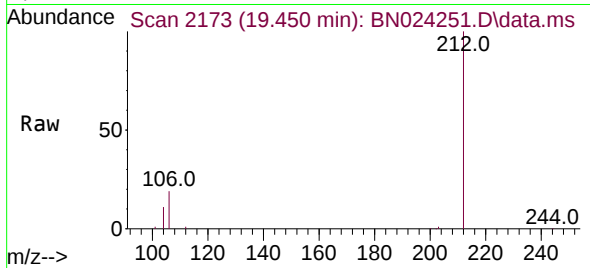




#27  
Fluoranthene-d10  
Concen: 0.425 ng  
RT: 19.450 min Scan# 2173  
Delta R.T. 0.000 min  
Lab File: BN024251.D  
Acq: 13 Mar 2023 18:44

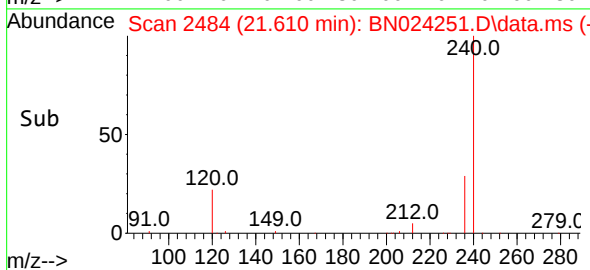
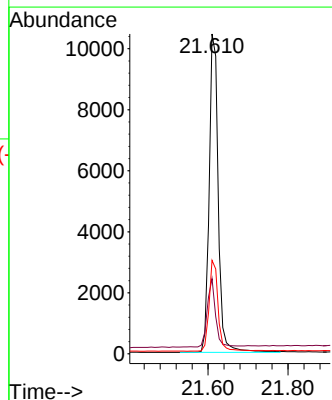
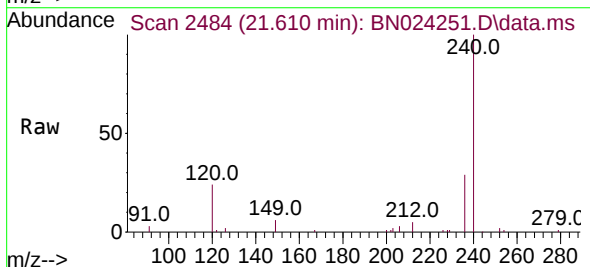
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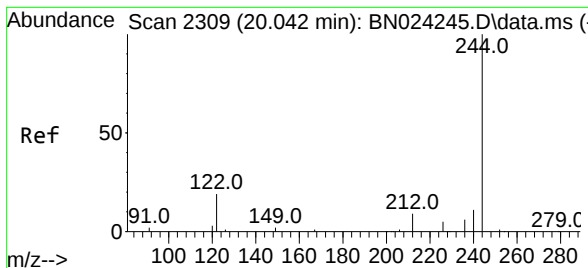
Tgt Ion:212 Resp: 20172  
Ion Ratio Lower Upper  
212 100  
106 19.2 15.4 23.2  
104 10.8 8.6 13.0



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.610 min Scan# 2484  
Delta R.T. -0.009 min  
Lab File: BN024251.D  
Acq: 13 Mar 2023 18:44

Tgt Ion:240 Resp: 16401  
Ion Ratio Lower Upper  
240 100  
120 23.5 12.8 19.2#  
236 29.2 22.5 33.7





#31

Terphenyl-d14

Concen: 0.435 ng

RT: 20.043 min Scan# 2309

Delta R.T. 0.000 min

Lab File: BN024251.D

Acq: 13 Mar 2023 18:44

Instrument :

BNA\_N

ClientSampleId :

PB151332BL

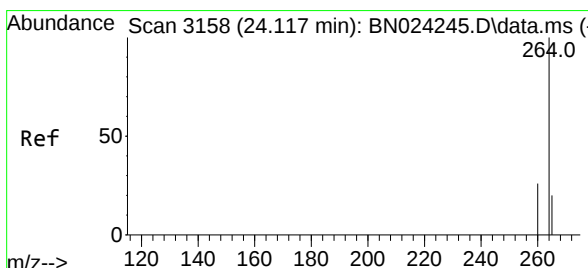
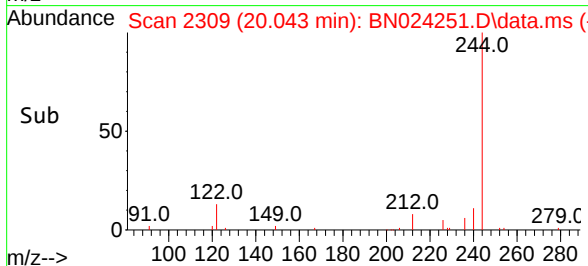
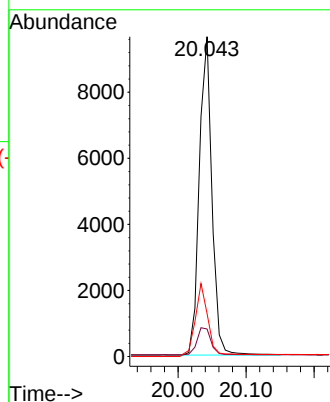
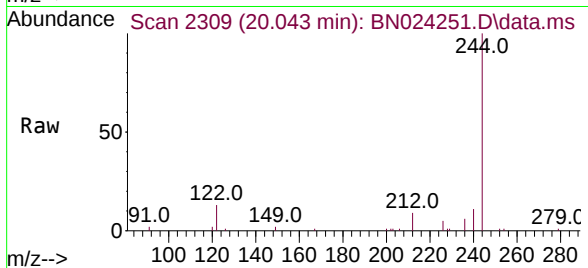
Tgt Ion:244 Resp: 12040

Ion Ratio Lower Upper

244 100

212 8.6 7.6 11.4

122 13.4 15.1 22.7#



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.114 min Scan# 3157

Delta R.T. -0.003 min

Lab File: BN024251.D

Acq: 13 Mar 2023 18:44

Tgt Ion:264 Resp: 13708

Ion Ratio Lower Upper

264 100

260 26.7 21.4 32.2

265 53.7 35.7 53.5#

