

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031623\  
 Data File : BN024306.D  
 Acq On : 16 Mar 2023 11:14  
 Operator : CG/JU  
 Sample : PB151377BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB151377BL

Quant Time: Mar 17 04:40:44 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 17 04:37:08 2023  
 Response via : Initial Calibration

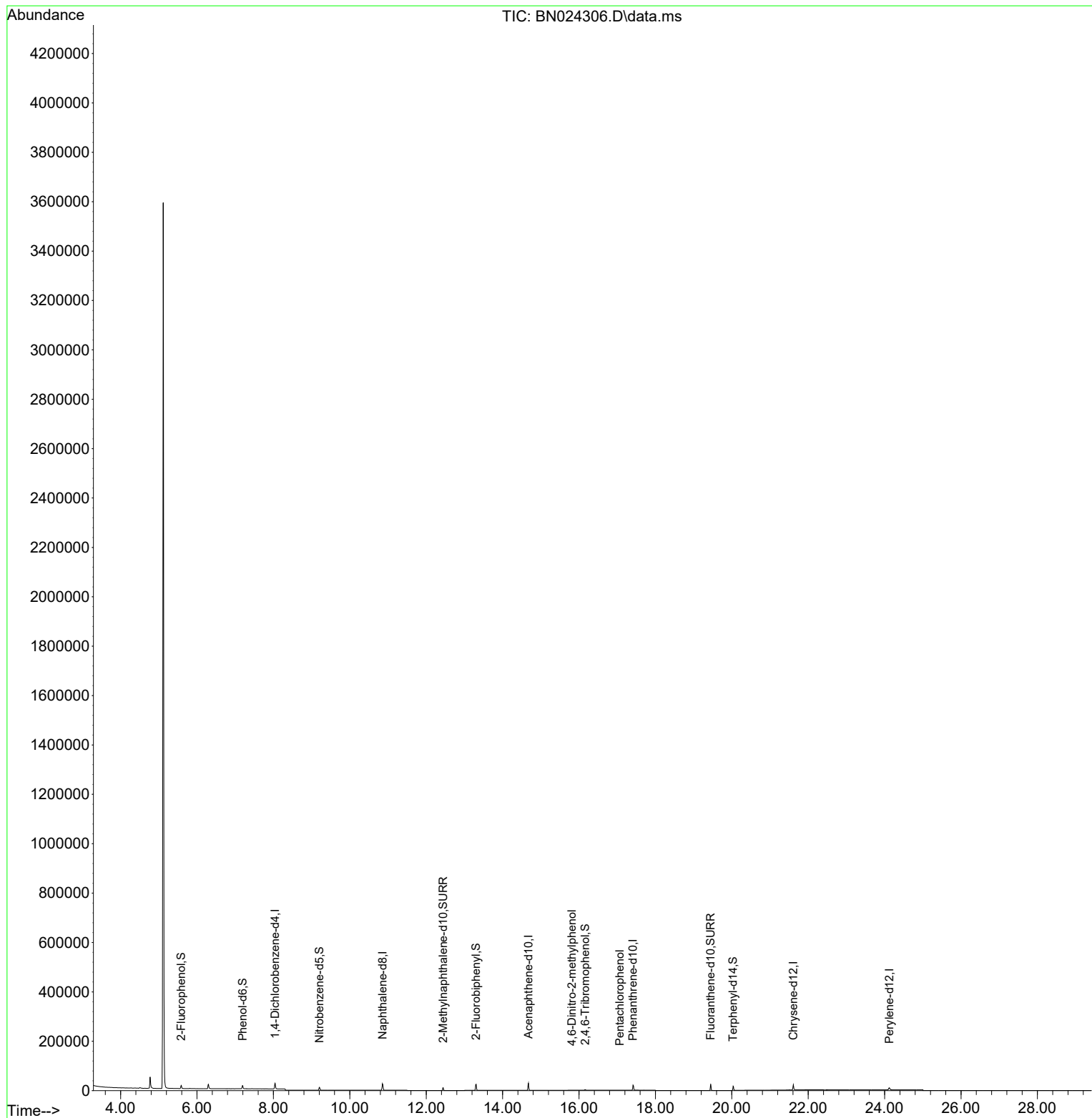
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.040  | 152  | 11509    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.855 | 136  | 32707    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.675 | 164  | 14934    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.413 | 188  | 29737    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.610 | 240  | 18851    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.120 | 264  | 14093    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.584  | 112  | 9840     | 0.386 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.195  | 99   | 12060    | 0.368 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.201  | 82   | 9674     | 0.443 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.441 | 152  | 15806    | 0.393 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.159 | 330  | 1431     | 0.187 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.307 | 172  | 22727    | 0.403 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.446 | 212  | 25066    | 0.398 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.034 | 244  | 13608    | 0.428 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 20) 4,6-Dinitro-2-methylph... | 15.812 | 198  | 1        | 0.178 | ng    | # 1      |
| 24) Pentachlorophenol         | 17.065 | 266  | 45       | 0.132 | ng    | # 65     |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031623\  
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Sample : PB151377BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB151377BL

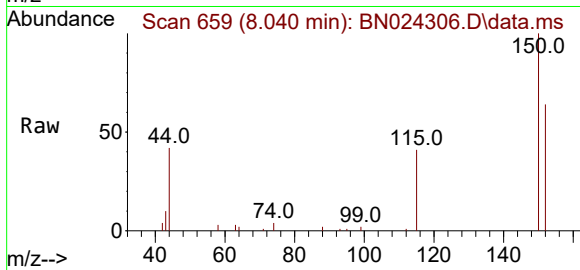
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 17 04:37:08 2023  
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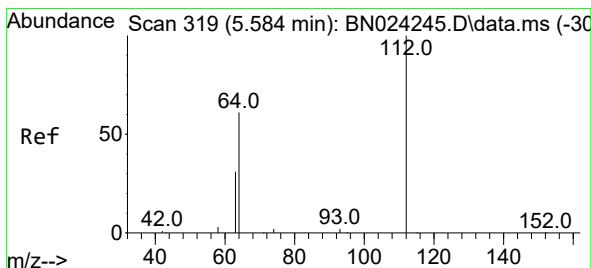
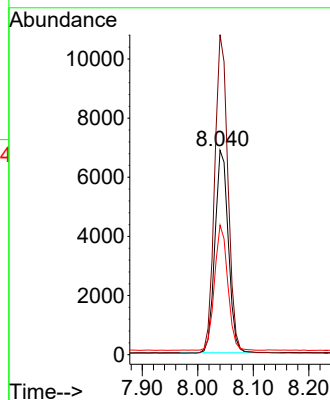
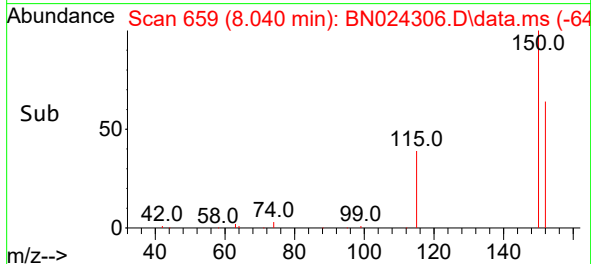


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.040 min Scan# 611  
Delta R.T. -0.000 min  
Lab File: BN024306.D  
Acq: 16 Mar 2023 11:14

Instrument :  
BNA\_N  
ClientSampleId :  
PB151377BL

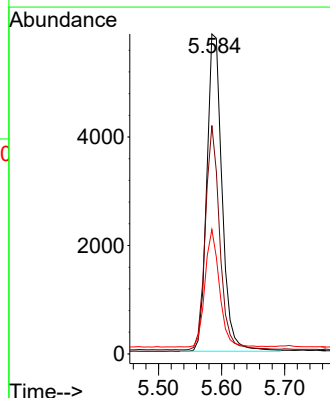
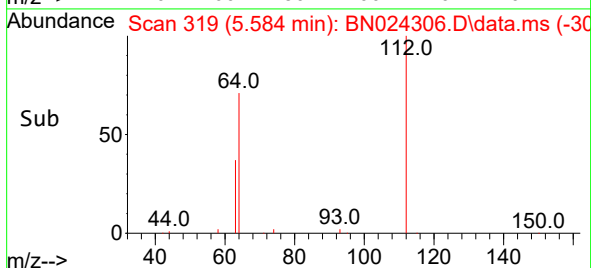
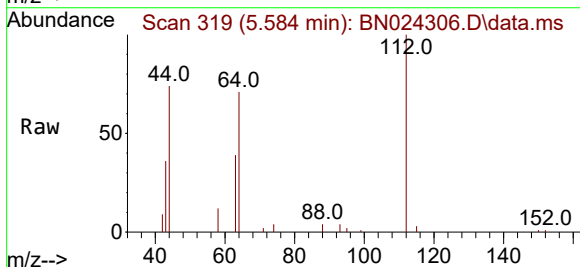


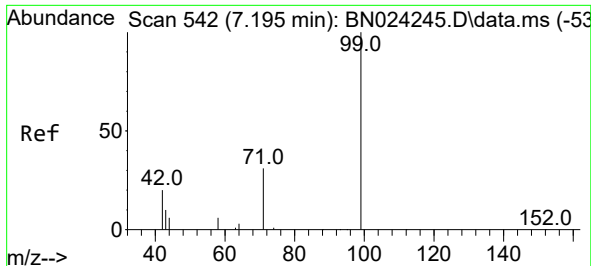
Tgt Ion:152 Resp: 11509  
Ion Ratio Lower Upper  
152 100  
150 156.6 124.7 187.1  
115 63.5 49.1 73.7



#4  
2-Fluorophenol  
Concen: 0.386 ng  
RT: 5.584 min Scan# 319  
Delta R.T. 0.007 min  
Lab File: BN024306.D  
Acq: 16 Mar 2023 11:14

Tgt Ion:112 Resp: 9840  
Ion Ratio Lower Upper  
112 100  
64 66.5 49.0 73.6  
63 34.8 25.7 38.5

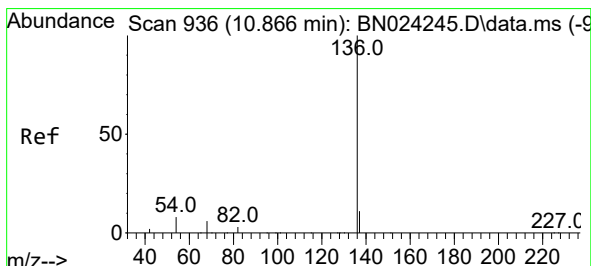
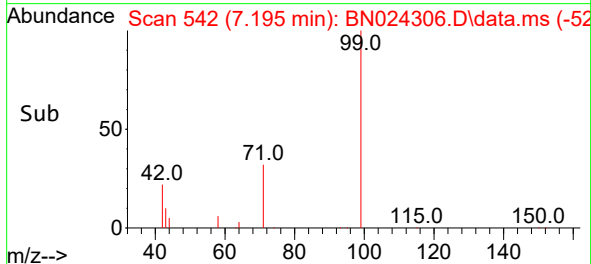
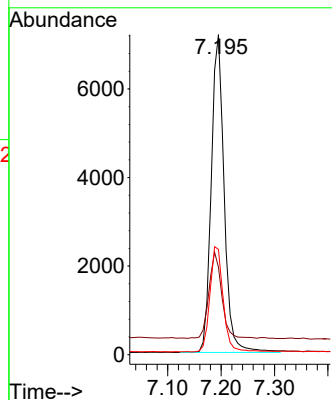
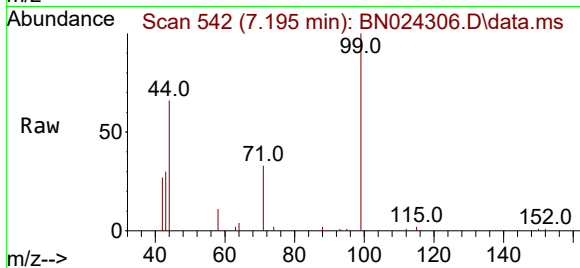




#5  
Phenol-d6  
Concen: 0.368 ng  
RT: 7.195 min Scan# 541  
Delta R.T. 0.007 min  
Lab File: BN024306.D  
Acq: 16 Mar 2023 11:14

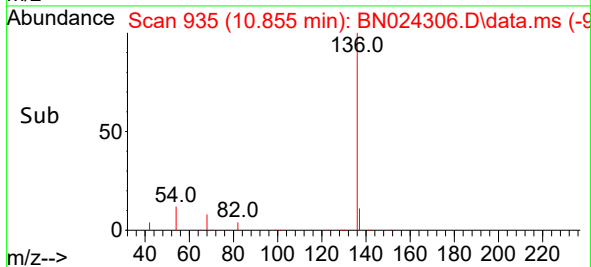
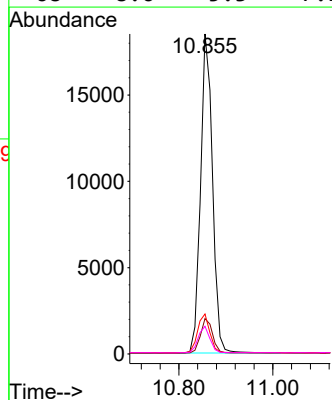
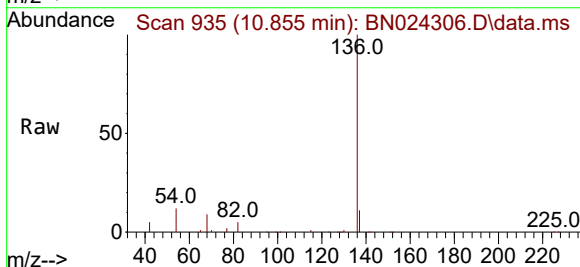
Instrument :  
BNA\_N  
ClientSampleId :  
PB151377BL

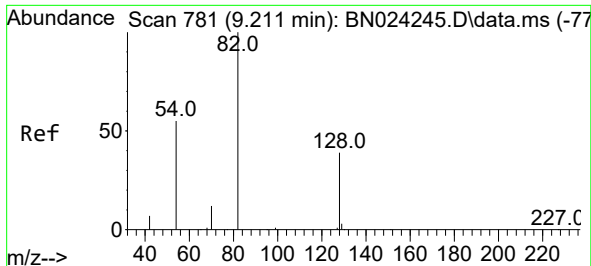
Tgt Ion: 99 Resp: 12060  
Ion Ratio Lower Upper  
99 100  
42 26.4 20.1 30.1  
71 34.2 25.8 38.8



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.855 min Scan# 935  
Delta R.T. 0.000 min  
Lab File: BN024306.D  
Acq: 16 Mar 2023 11:14

Tgt Ion: 136 Resp: 32707  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.9 13.3  
54 12.5 7.1 10.7#  
68 8.6 5.3 7.9#

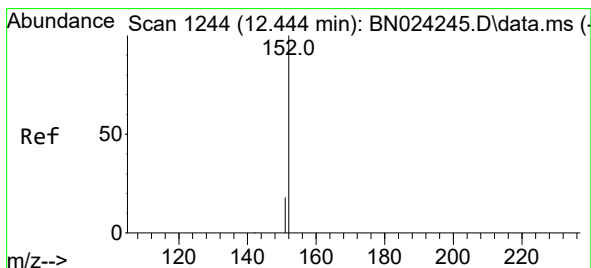
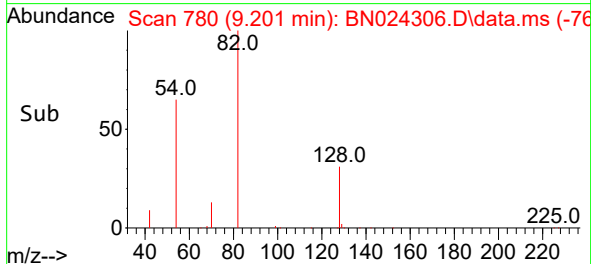
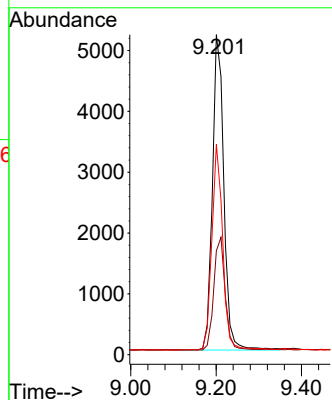
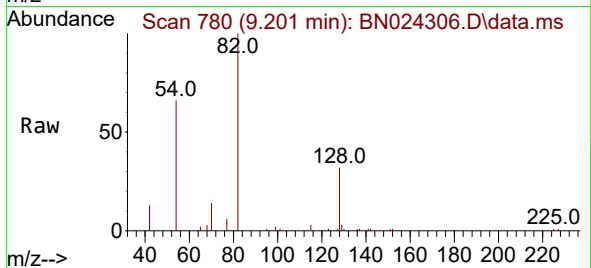




#8  
 Nitrobenzene-d5  
 Concen: 0.443 ng  
 RT: 9.201 min Scan# 781  
 Delta R.T. 0.000 min  
 Lab File: BN024306.D  
 Acq: 16 Mar 2023 11:14

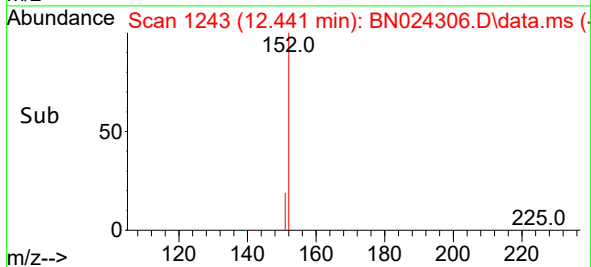
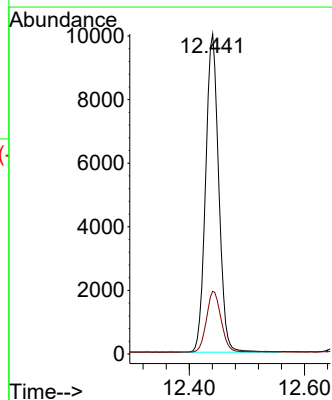
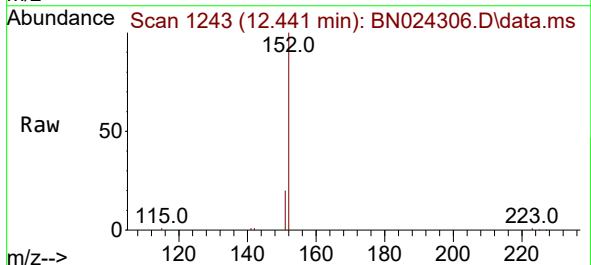
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB151377BL

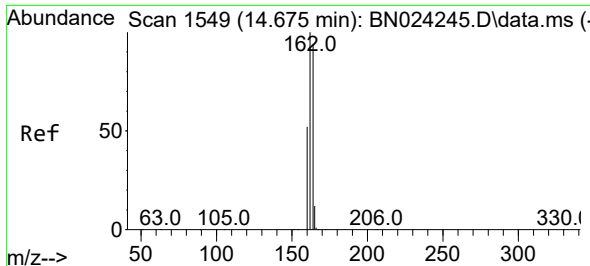
Tgt Ion: 82 Resp: 9674  
 Ion Ratio Lower Upper  
 82 100  
 128 32.5 32.4 48.6  
 54 65.8 45.2 67.8



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.393 ng  
 RT: 12.441 min Scan# 1243  
 Delta R.T. 0.000 min  
 Lab File: BN024306.D  
 Acq: 16 Mar 2023 11:14

Tgt Ion: 152 Resp: 15806  
 Ion Ratio Lower Upper  
 152 100  
 151 21.3 16.8 25.2

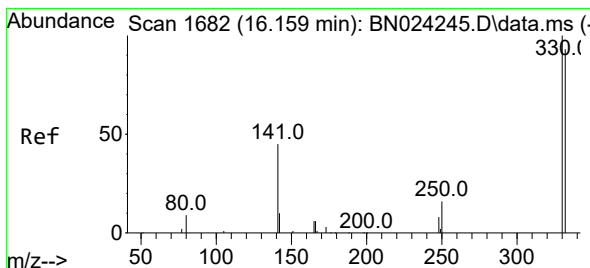
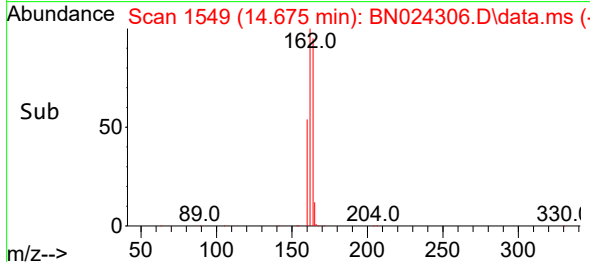
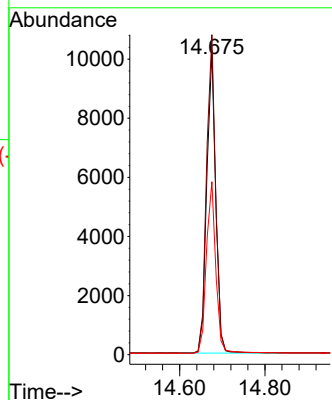
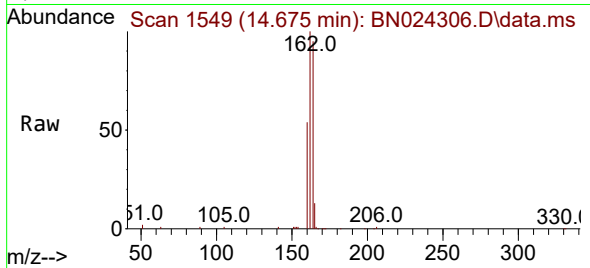




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.675 min Scan# 1549  
Delta R.T. 0.000 min  
Lab File: BN024306.D  
Acq: 16 Mar 2023 11:14

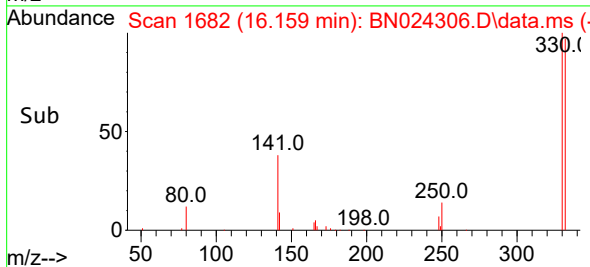
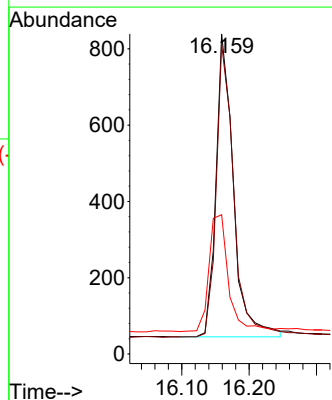
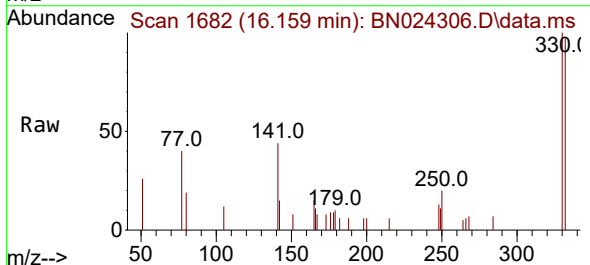
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PB151377BL

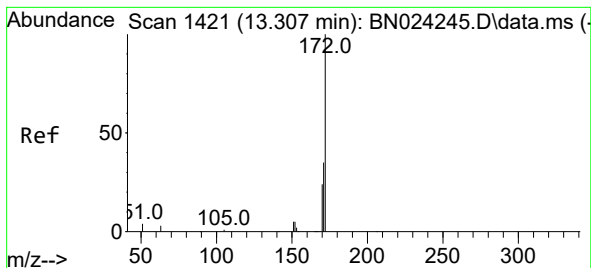
Tgt Ion:164 Resp: 14934  
Ion Ratio Lower Upper  
164 100  
162 105.1 84.7 127.1  
160 56.8 44.6 66.8



#14  
2,4,6-Tribromophenol  
Concen: 0.187 ng  
RT: 16.159 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: BN024306.D  
Acq: 16 Mar 2023 11:14

Tgt Ion:330 Resp: 1431  
Ion Ratio Lower Upper  
330 100  
332 97.7 78.0 117.0  
141 43.8 30.8 46.2





#15

2-Fluorobiphenyl

Concen: 0.403 ng

RT: 13.307 min Scan# 14

Delta R.T. 0.000 min

Lab File: BN024306.D

Acq: 16 Mar 2023 11:14

Instrument :

BNA\_N

ClientSampleId :

PB151377BL

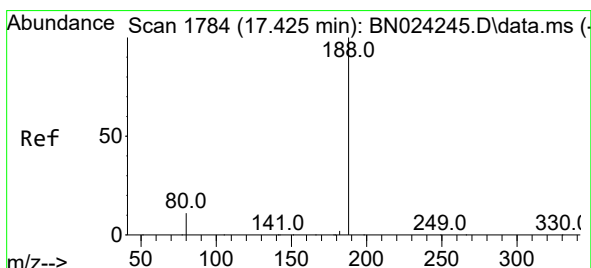
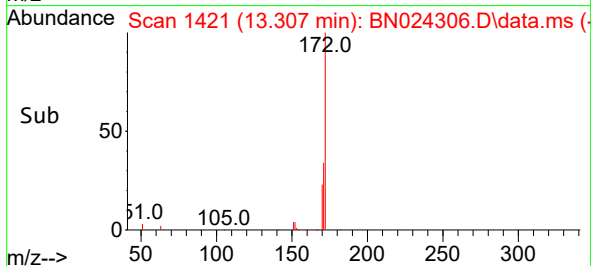
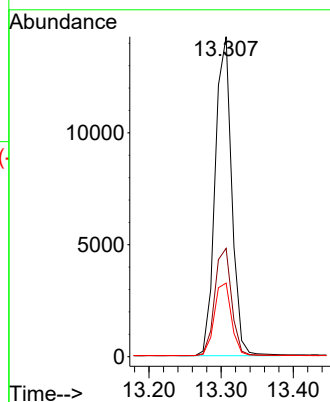
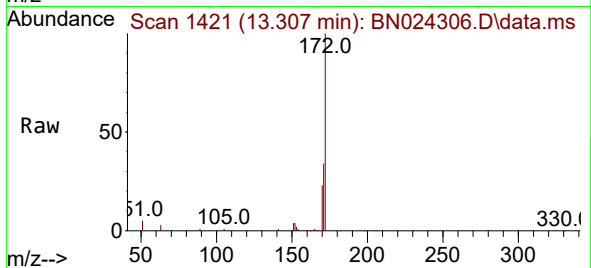
Tgt Ion:172 Resp: 22727

Ion Ratio Lower Upper

172 100

171 33.9 27.8 41.8

170 23.0 19.0 28.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.413 min Scan# 1783

Delta R.T. 0.000 min

Lab File: BN024306.D

Acq: 16 Mar 2023 11:14

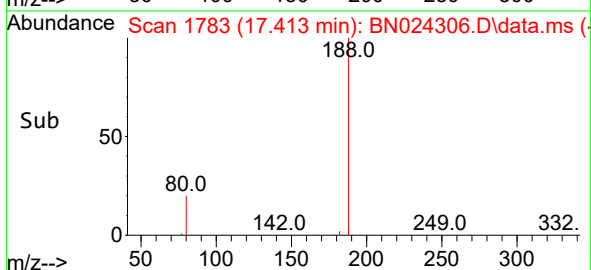
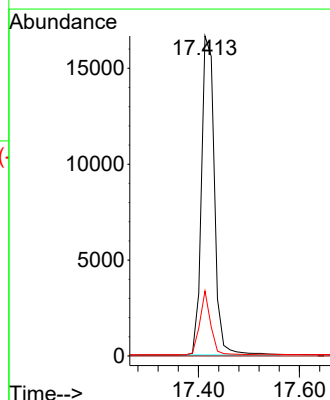
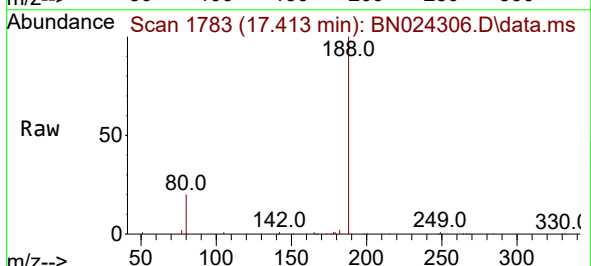
Tgt Ion:188 Resp: 29737

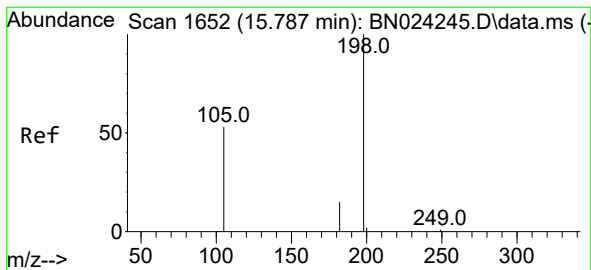
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 20.3 8.9 13.3#

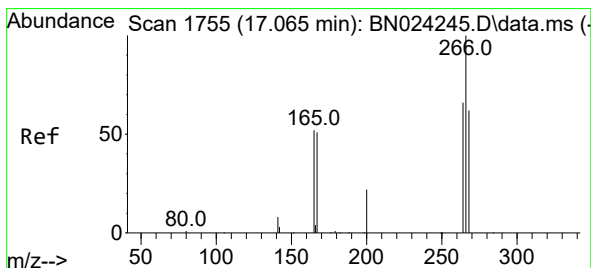
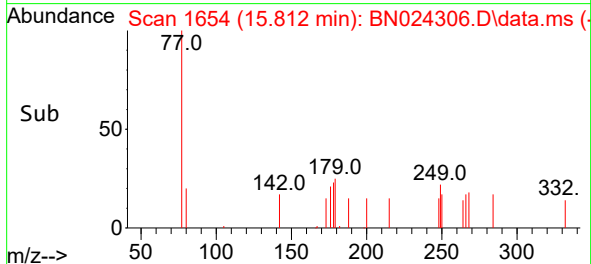
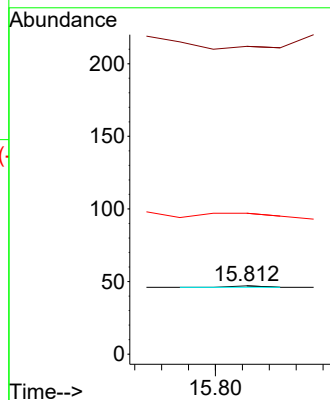
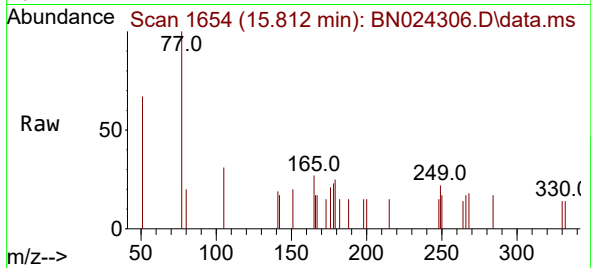




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.178 ng  
RT: 15.812 min Scan# 1654  
Delta R.T. 0.025 min  
Lab File: BN024306.D  
Acq: 16 Mar 2023 11:14

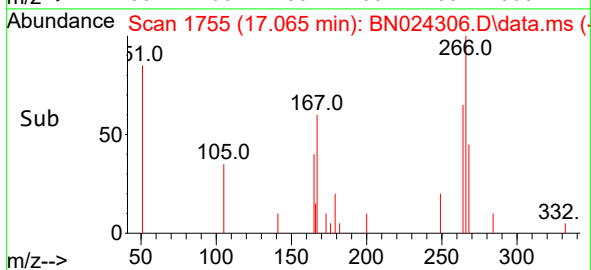
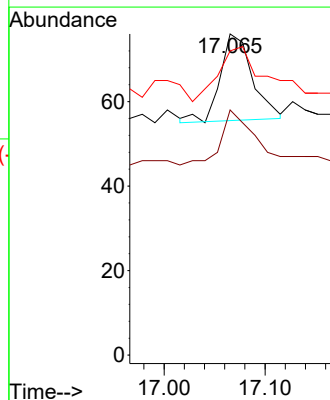
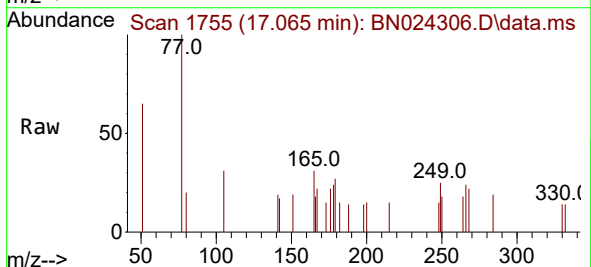
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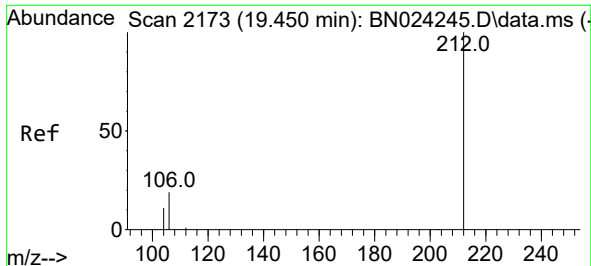
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Ion Ratio Lower Upper  
198 100  
51 451.1 68.2 102.2#  
105 206.4 51.6 77.4#



#24  
Pentachlorophenol  
Concen: 0.132 ng  
RT: 17.065 min Scan# 1755  
Delta R.T. 0.000 min  
Lab File: BN024306.D  
Acq: 16 Mar 2023 11:14

Tgt Ion:266 Resp: 45  
Ion Ratio Lower Upper  
266 100  
264 77.8 51.1 76.7#  
268 106.7 52.2 78.4#

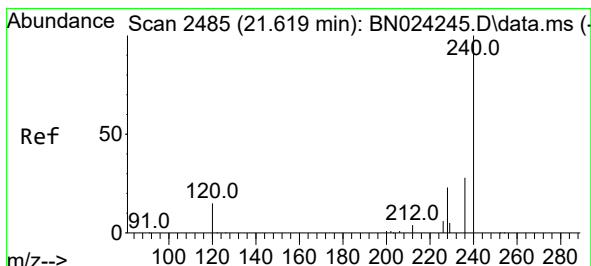
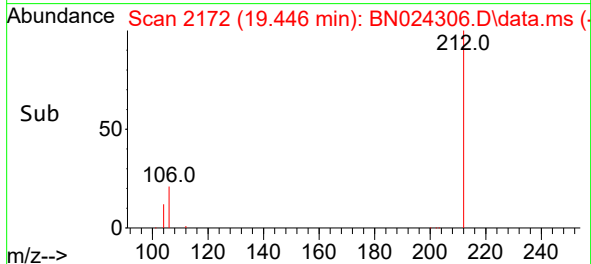
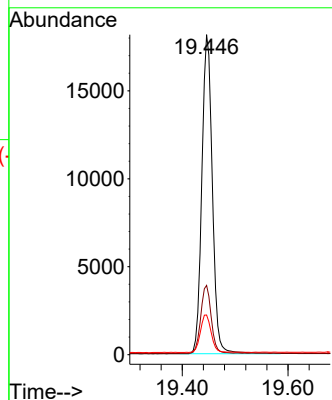
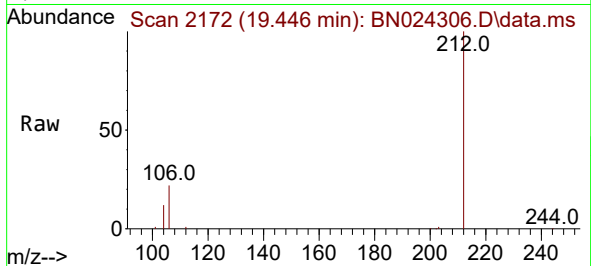




#27  
Fluoranthene-d10  
Concen: 0.398 ng  
RT: 19.446 min Scan# 2172  
Delta R.T. 0.000 min  
Lab File: BN024306.D  
Acq: 16 Mar 2023 11:14

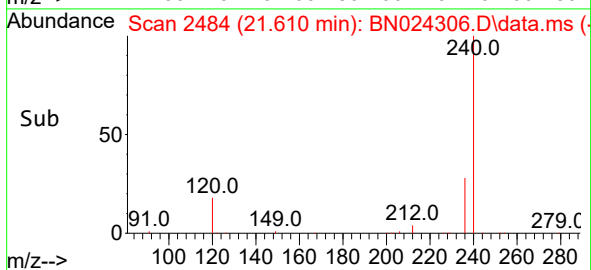
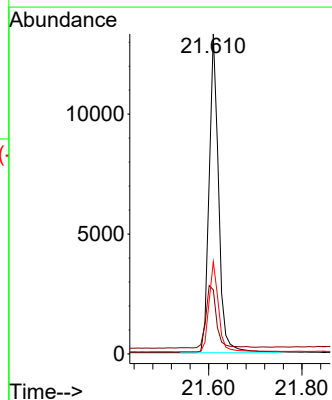
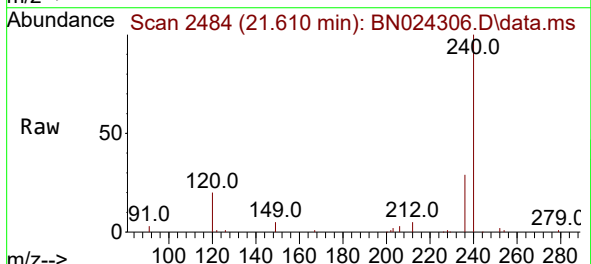
Instrument :  
BNA\_N  
ClientSampleId :  
PB151377BL

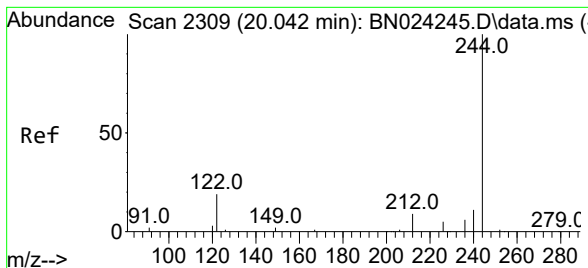
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Ion Ratio Lower Upper  
212 100  
106 21.2 15.4 23.2  
104 12.3 8.6 13.0



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.610 min Scan# 2484  
Delta R.T. 0.009 min  
Lab File: BN024306.D  
Acq: 16 Mar 2023 11:14

Tgt Ion:240 Resp: 18851  
Ion Ratio Lower Upper  
240 100  
120 20.0 12.8 19.2#  
236 28.8 22.5 33.7





#31

Terphenyl-d14

Concen: 0.428 ng

RT: 20.034 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024306.D

Acq: 16 Mar 2023 11:14

Instrument :

BNA\_N

ClientSampleId :

PB151377BL

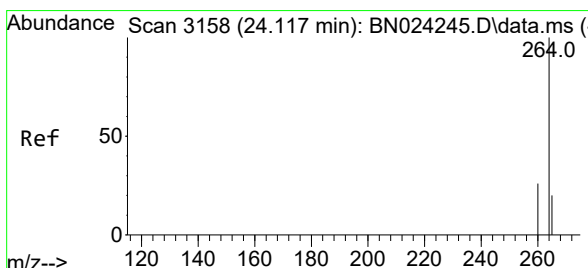
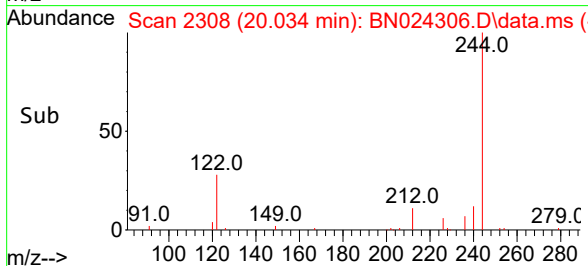
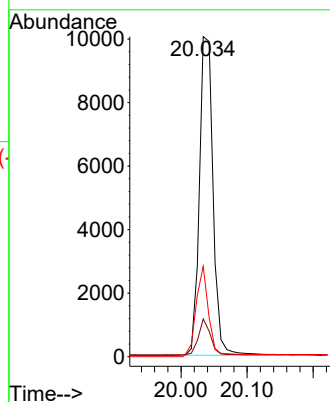
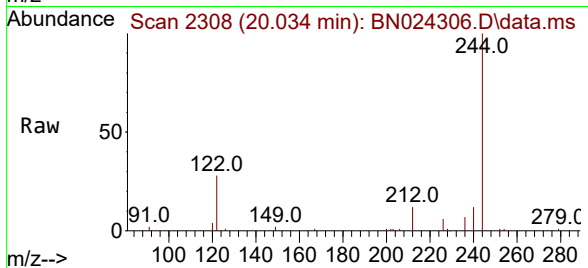
Tgt Ion:244 Resp: 13608

Ion Ratio Lower Upper

244 100

212 11.8 7.6 11.4#

122 28.3 15.1 22.7#



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.120 min Scan# 3159

Delta R.T. 0.006 min

Lab File: BN024306.D

Acq: 16 Mar 2023 11:14

Tgt Ion:264 Resp: 14093

Ion Ratio Lower Upper

264 100

260 27.6 21.4 32.2

265 55.5 35.7 53.5#

