

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020823\  
 Data File : BN023994.D  
 Acq On : 08 Feb 2023 17:57  
 Operator : CG/JU  
 Sample : 01480-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PW-B6-L57-020723

Quant Time: Feb 09 01:23:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN020723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 08 02:37:27 2023  
 Response via : Initial Calibration

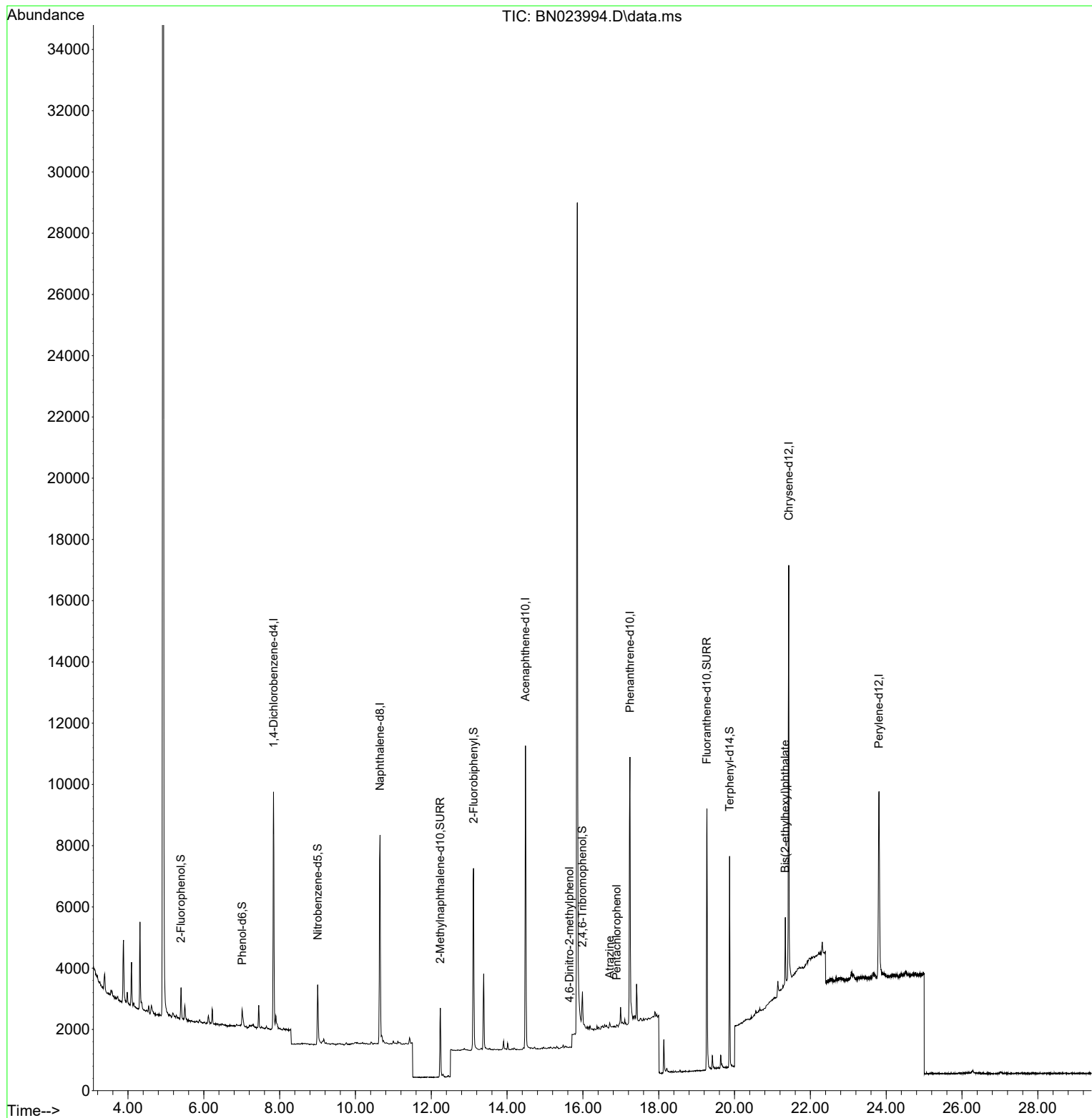
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.840  | 152  | 3783     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.648 | 136  | 9447     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.485 | 164  | 5661     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.241 | 188  | 13168    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.428 | 240  | 12107    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.808 | 264  | 9125     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.399  | 112  | 802      | 0.102 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.009  | 99   | 551      | 0.059 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.003  | 82   | 1785     | 0.235 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.238 | 152  | 3149     | 0.240 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.987 | 330  | 745      | 0.256 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.116 | 172  | 5668     | 0.253 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.271 | 212  | 9525     | 0.298 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.869 | 244  | 7232     | 0.320 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 20) 4,6-Dinitro-2-methylph... | 15.650 | 198  | 8        | 0.195 | ng    | # 1      |
| 23) Atrazine                  | 16.707 | 200  | 117      | 0.021 | ng    | # 50     |
| 24) Pentachlorophenol         | 16.893 | 266  | 31       | 0.174 | ng    | # 91     |
| 34) Bis(2-ethylhexyl)phtha... | 21.339 | 149  | 2118     | 0.120 | ng    | # 97     |
| -----                         |        |      |          |       |       |          |

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

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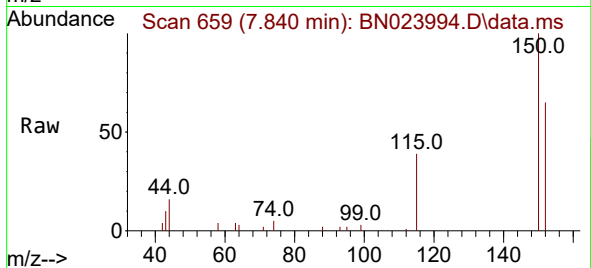
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN020723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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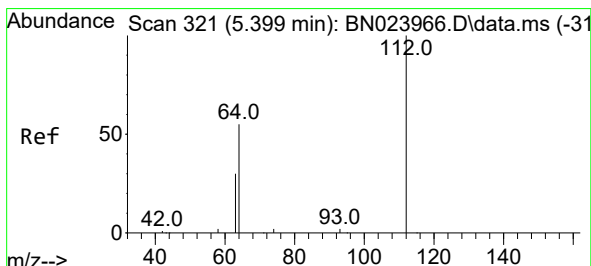
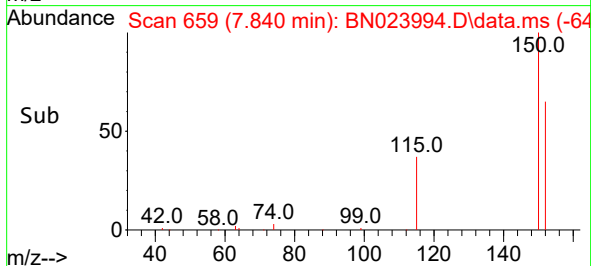
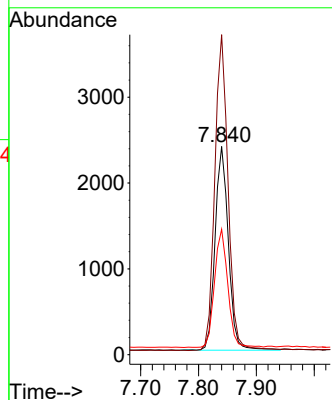
#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.840 min Scan# 659  
Delta R.T. 0.000 min  
Lab File: BN023994.D  
Acq: 08 Feb 2023 17:57

Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L57-020723



Tgt Ion:152 Resp: 3783

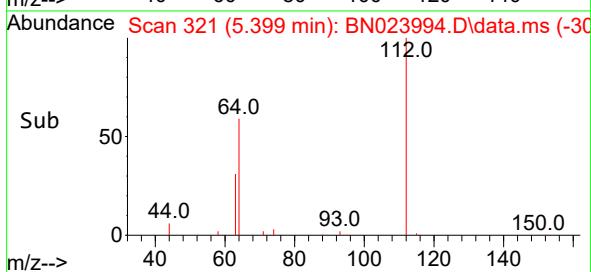
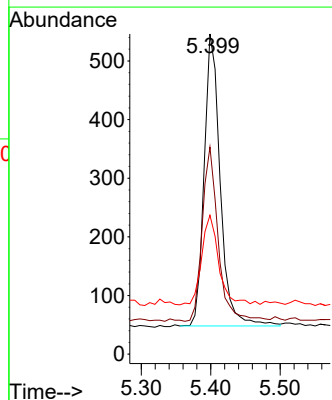
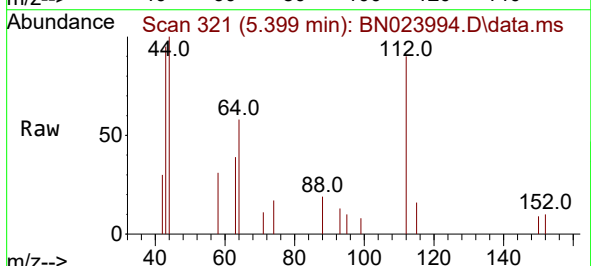
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 153.7 | 121.8 | 182.6 |
| 115 | 60.2  | 47.7  | 71.5  |

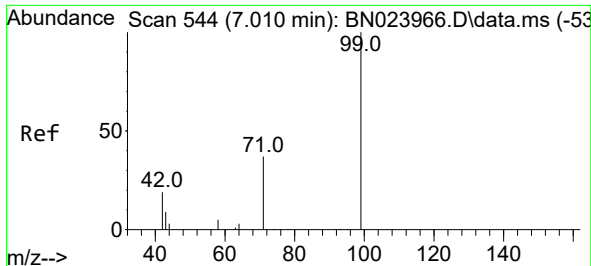


#4  
2-Fluorophenol  
Concen: 0.102 ng  
RT: 5.399 min Scan# 321  
Delta R.T. 0.000 min  
Lab File: BN023994.D  
Acq: 08 Feb 2023 17:57

Tgt Ion:112 Resp: 802

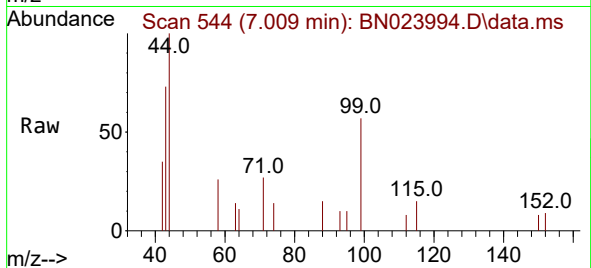
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 59.4  | 44.8  | 67.2  |
| 63  | 32.8  | 25.1  | 37.7  |



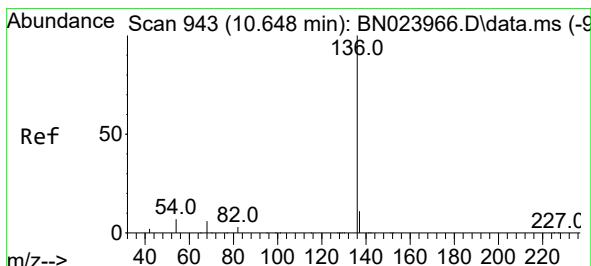
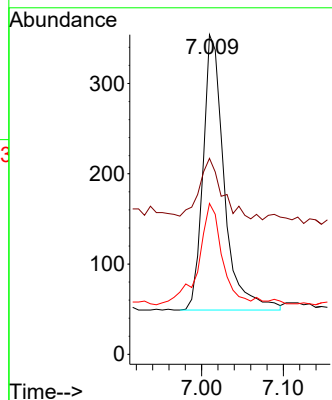
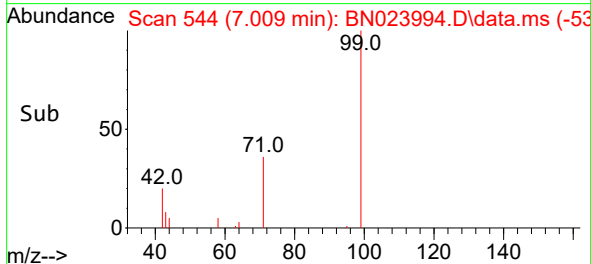


#5  
Phenol-d6  
Concen: 0.059 ng  
RT: 7.009 min Scan# 544  
Delta R.T. 0.000 min  
Lab File: BN023994.D  
Acq: 08 Feb 2023 17:57

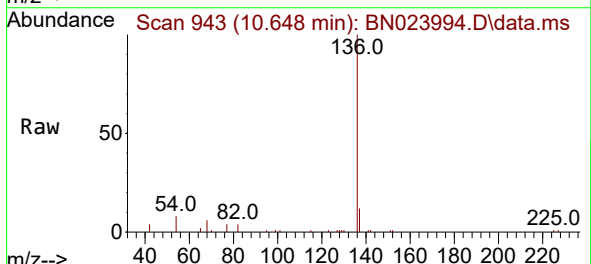
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L57-020723



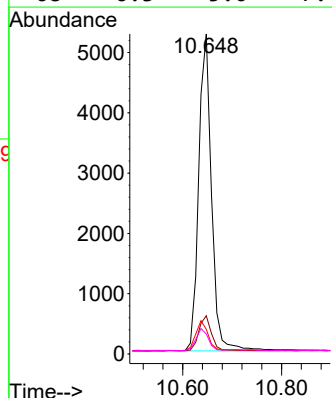
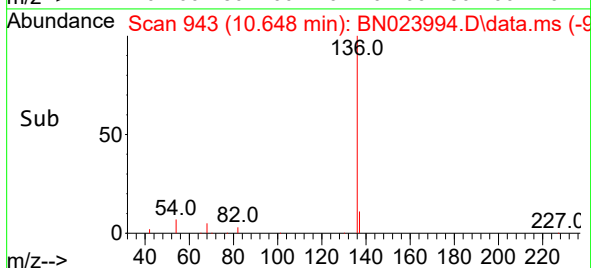
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 551   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 24.3  | 17.0  | 25.6  |
| 71       | 40.8  | 29.0  | 43.4  |

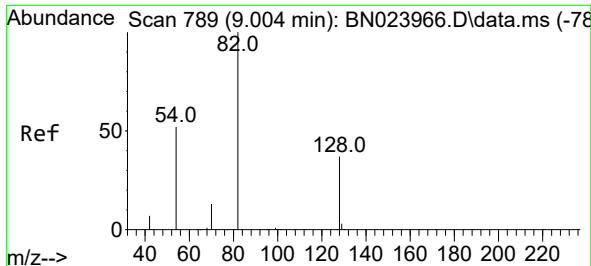


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.648 min Scan# 943  
Delta R.T. 0.000 min  
Lab File: BN023994.D  
Acq: 08 Feb 2023 17:57



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 9447  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.9  | 9.1   | 13.7  |
| 54       | 7.7   | 5.8   | 8.8   |
| 68       | 6.3   | 5.0   | 7.4   |

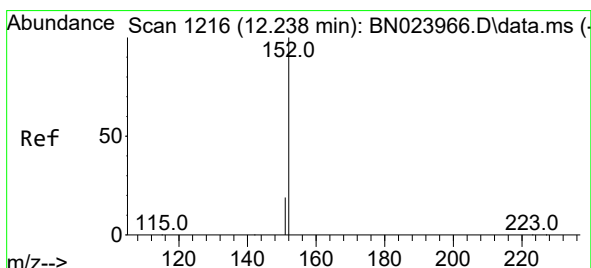
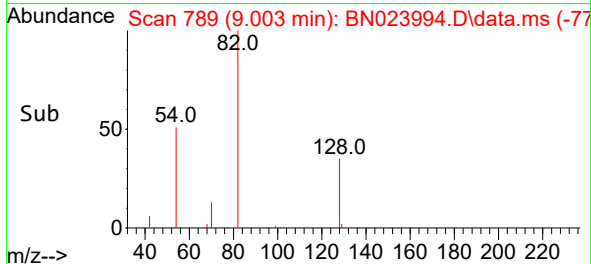
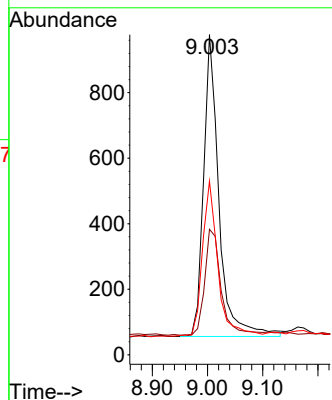
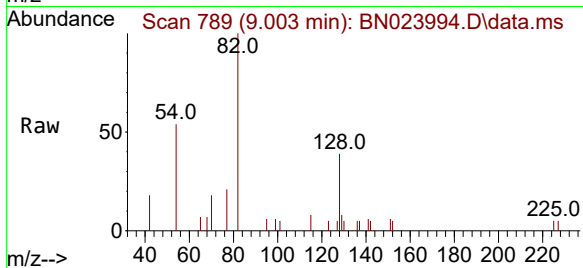




#8  
 Nitrobenzene-d5  
 Concen: 0.235 ng  
 RT: 9.003 min Scan# 789  
 Delta R.T. 0.000 min  
 Lab File: BN023994.D  
 Acq: 08 Feb 2023 17:57

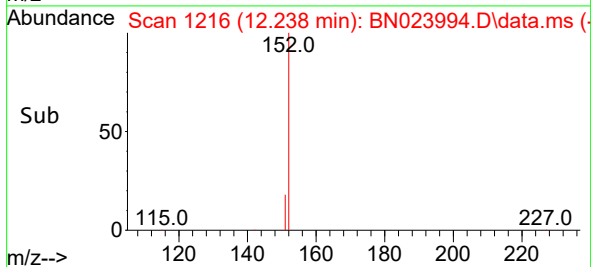
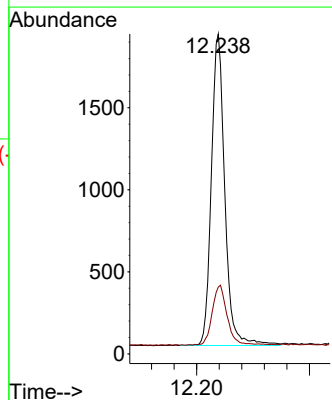
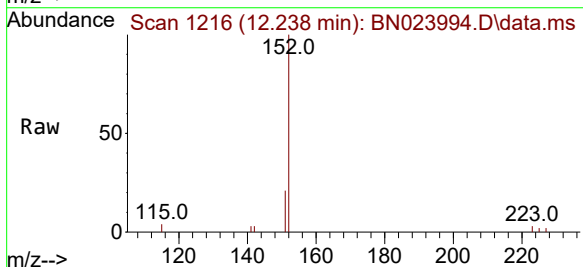
Instrument :  
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 ClientSampleId :  
 PW-B6-L57-020723

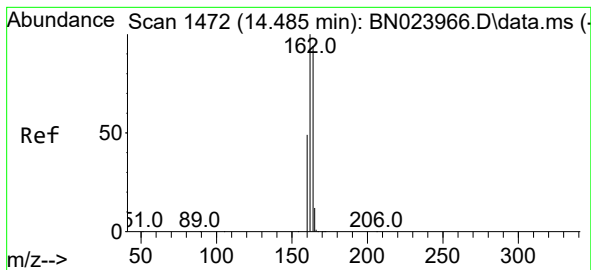
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1785  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 39.2  | 31.5  | 47.3  |
| 54       | 54.2  | 42.8  | 64.2  |



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.240 ng  
 RT: 12.238 min Scan# 1216  
 Delta R.T. 0.000 min  
 Lab File: BN023994.D  
 Acq: 08 Feb 2023 17:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 3149  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 21.1  | 16.6  | 24.8  |





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.485 min Scan# 1472

Delta R.T. 0.000 min

Lab File: BN023994.D

Acq: 08 Feb 2023 17:57

Instrument :

BNA\_N

ClientSampleId :

PW-B6-L57-020723

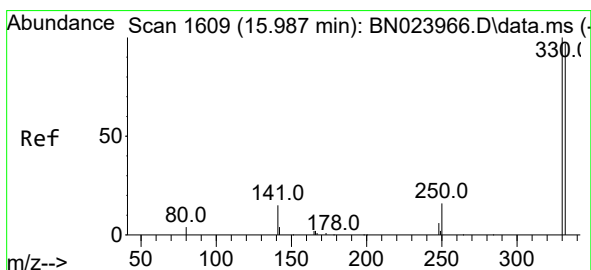
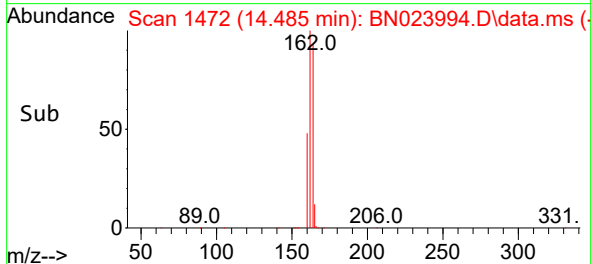
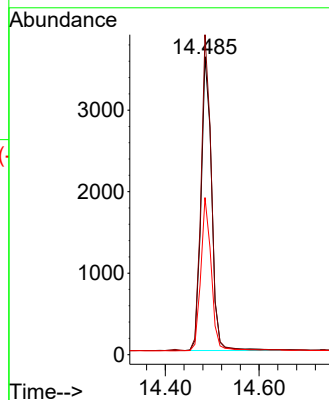
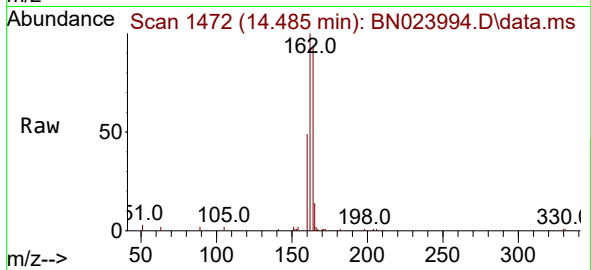
Tgt Ion:164 Resp: 5661

Ion Ratio Lower Upper

164 100

162 107.4 84.8 127.2

160 52.7 42.0 63.0



#14

2,4,6-Tribromophenol

Concen: 0.256 ng

RT: 15.987 min Scan# 1609

Delta R.T. 0.000 min

Lab File: BN023994.D

Acq: 08 Feb 2023 17:57

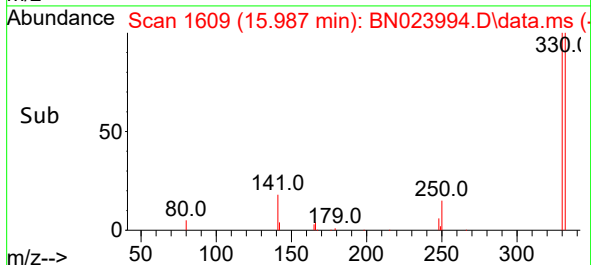
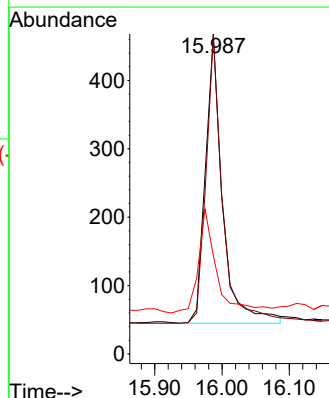
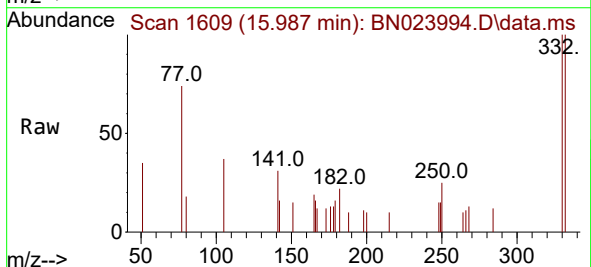
Tgt Ion:330 Resp: 745

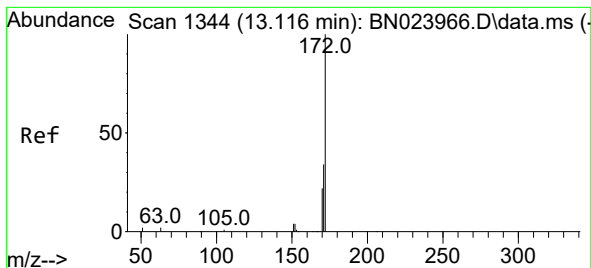
Ion Ratio Lower Upper

330 100

332 96.9 77.7 116.5

141 38.5 26.6 39.8

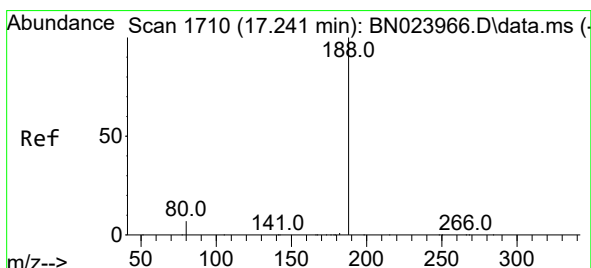
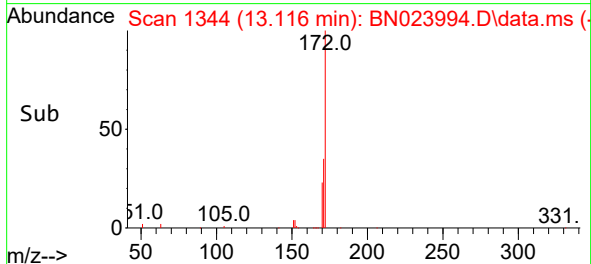
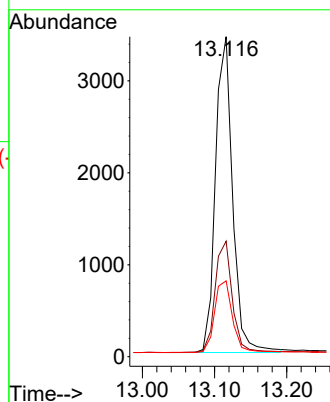
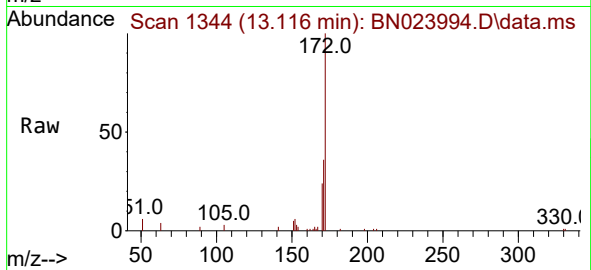




#15  
2-Fluorobiphenyl  
Concen: 0.253 ng  
RT: 13.116 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN023994.D  
Acq: 08 Feb 2023 17:57

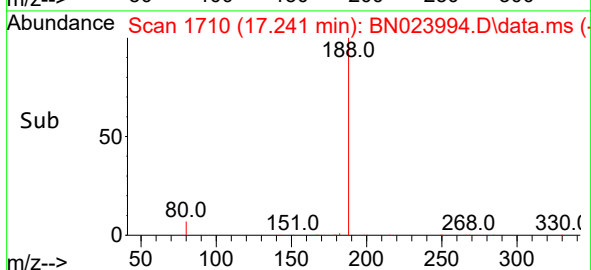
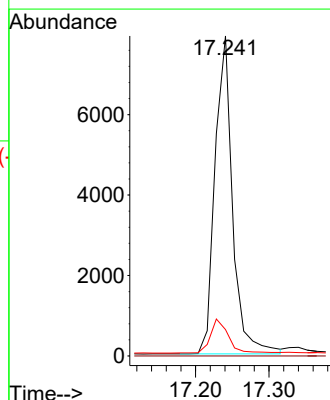
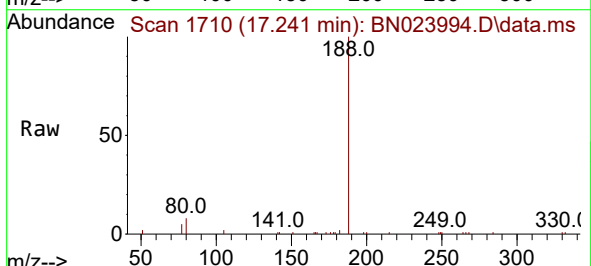
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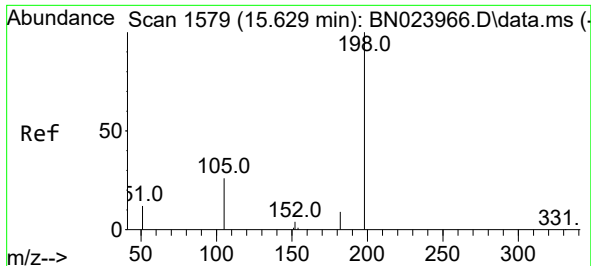
Tgt Ion:172 Resp: 5668  
Ion Ratio Lower Upper  
172 100  
171 36.1 27.4 41.2  
170 23.7 18.2 27.4



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.241 min Scan# 1710  
Delta R.T. 0.000 min  
Lab File: BN023994.D  
Acq: 08 Feb 2023 17:57

Tgt Ion:188 Resp: 13168  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.3 6.1 9.1

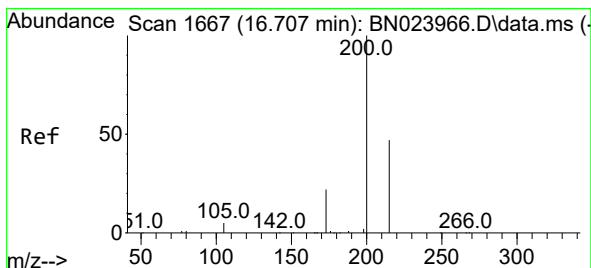
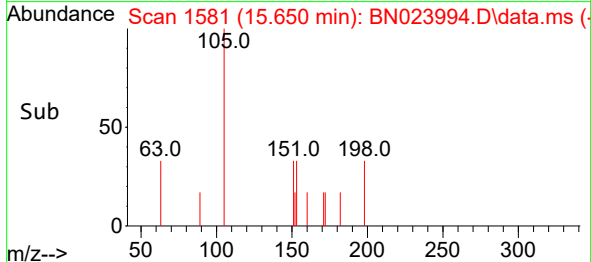
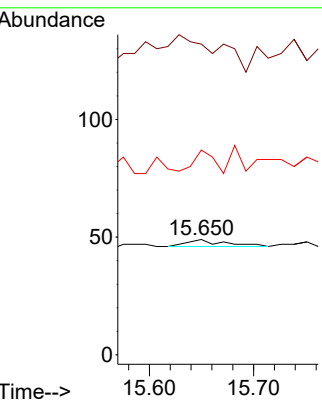
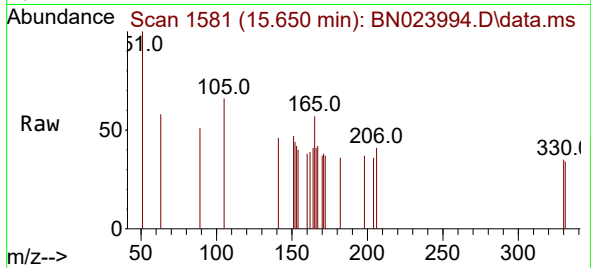




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.195 ng  
RT: 15.650 min Scan# 1581  
Delta R.T. 0.021 min  
Lab File: BN023994.D  
Acq: 08 Feb 2023 17:57

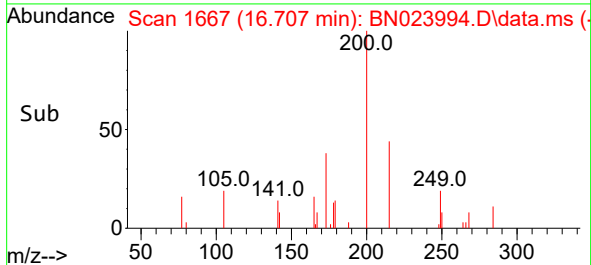
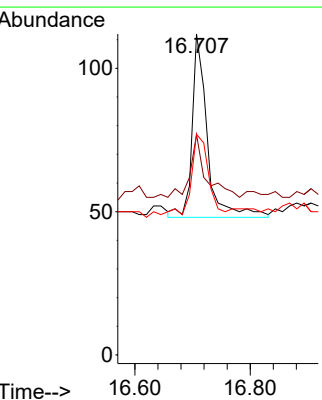
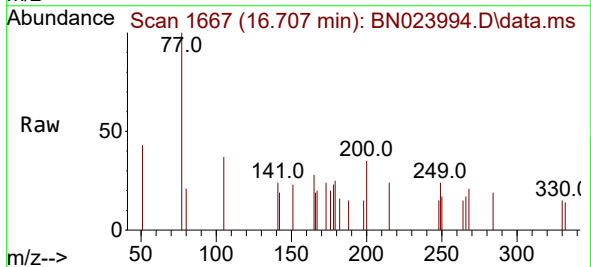
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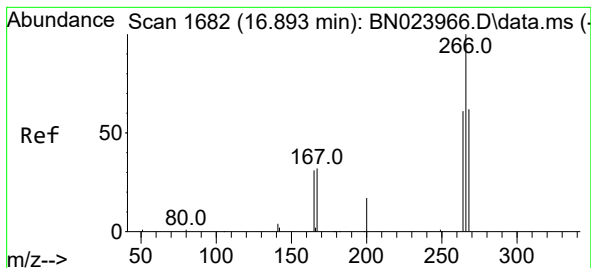
Tgt Ion:198 Resp: 8  
Ion Ratio Lower Upper  
198 100  
51 269.4 36.8 55.2#  
105 177.6 28.8 43.2#



#23  
Atrazine  
Concen: 0.021 ng  
RT: 16.707 min Scan# 1667  
Delta R.T. 0.000 min  
Lab File: BN023994.D  
Acq: 08 Feb 2023 17:57

Tgt Ion:200 Resp: 117  
Ion Ratio Lower Upper  
200 100  
173 68.8 19.5 29.3#  
215 68.8 38.6 58.0#





#24

Pentachlorophenol

Concen: 0.174 ng

RT: 16.893 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN023994.D

Acq: 08 Feb 2023 17:57

Instrument :

BNA\_N

ClientSampleId :

PW-B6-L57-020723

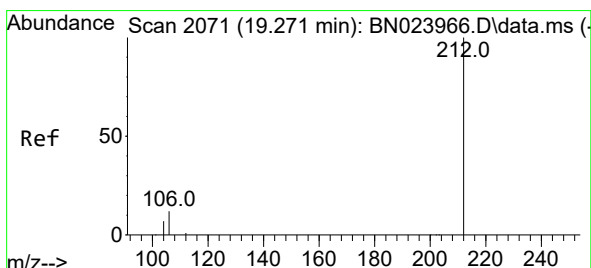
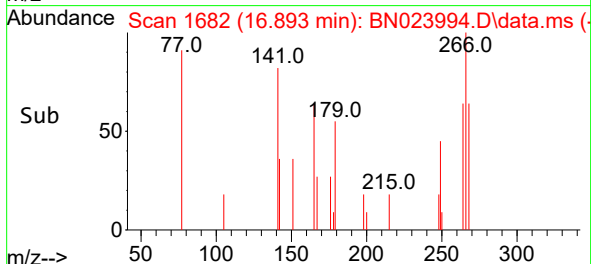
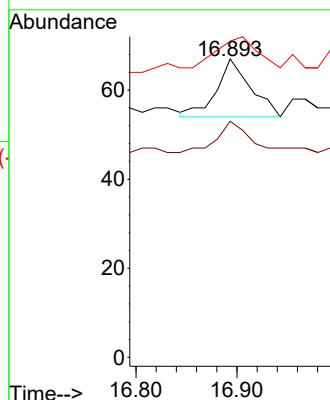
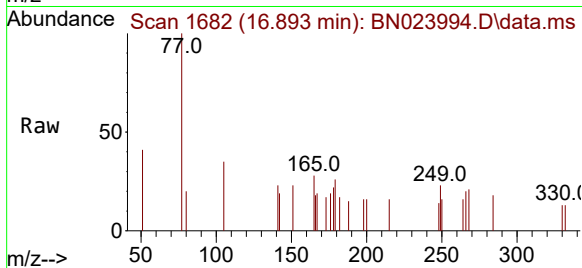
Tgt Ion:266 Resp: 31

Ion Ratio Lower Upper

266 100

264 54.8 47.6 71.4

268 67.7 47.5 71.3



#27

Fluoranthene-d10

Concen: 0.298 ng

RT: 19.271 min Scan# 2071

Delta R.T. 0.000 min

Lab File: BN023994.D

Acq: 08 Feb 2023 17:57

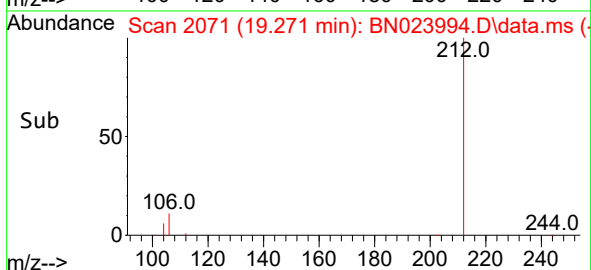
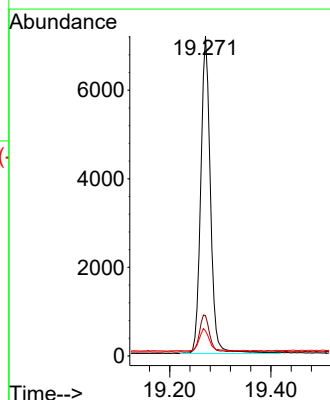
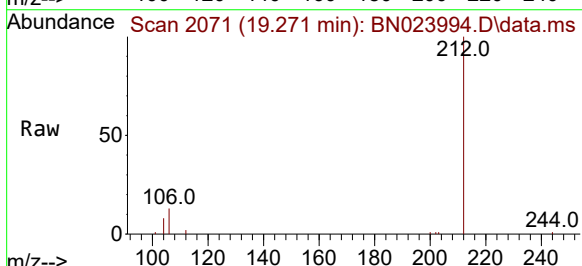
Tgt Ion:212 Resp: 9525

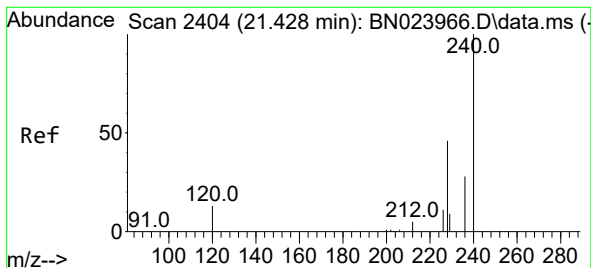
Ion Ratio Lower Upper

212 100

106 12.3 9.2 13.8

104 7.4 5.7 8.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.428 min Scan# 2404

Delta R.T. -0.004 min

Lab File: BN023994.D

Acq: 08 Feb 2023 17:57

Instrument :

BNA\_N

ClientSampleId :

PW-B6-L57-020723

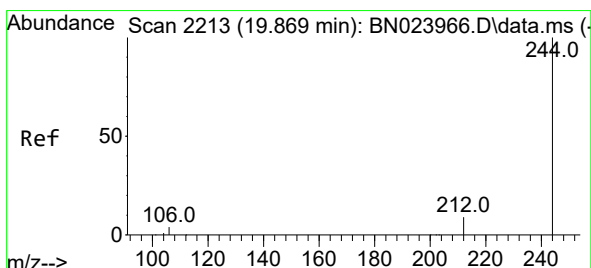
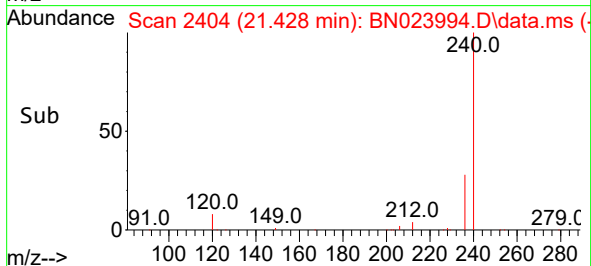
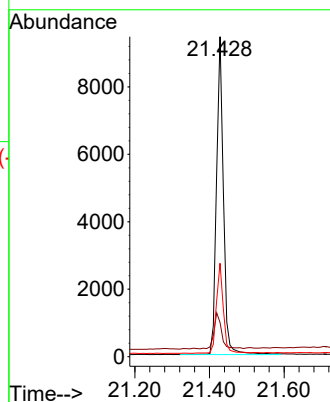
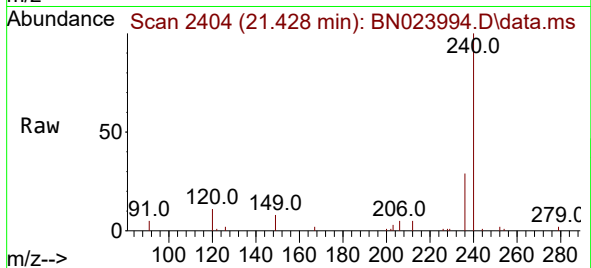
Tgt Ion:240 Resp: 12107

Ion Ratio Lower Upper

240 100

120 10.7 11.4 17.0#

236 29.2 23.2 34.8



#31

Terphenyl-d14

Concen: 0.320 ng

RT: 19.869 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BN023994.D

Acq: 08 Feb 2023 17:57

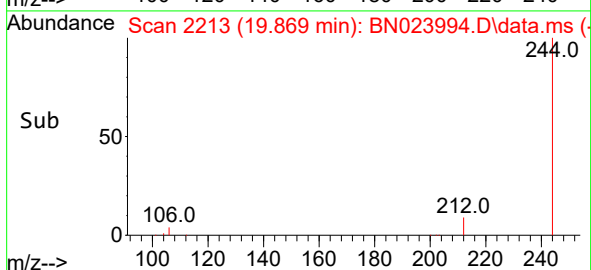
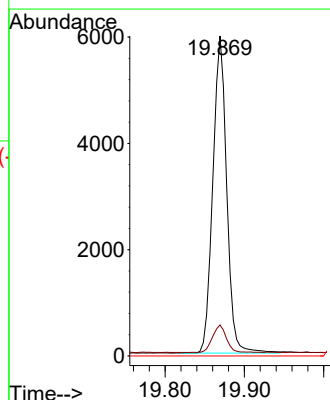
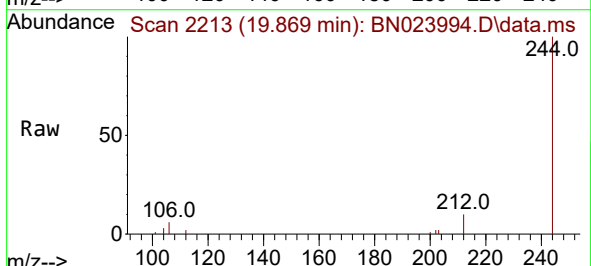
Tgt Ion:244 Resp: 7232

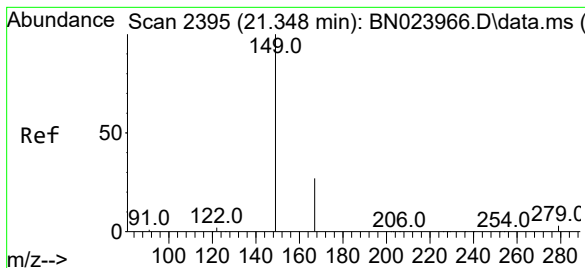
Ion Ratio Lower Upper

244 100

212 9.7 7.7 11.5

122 0.0 0.0 0.0

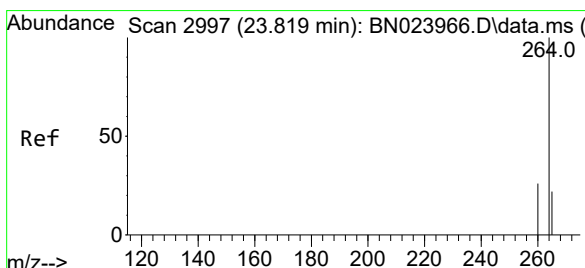
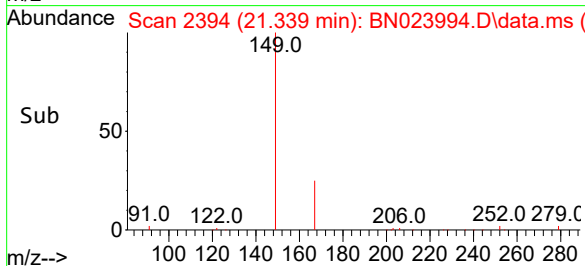
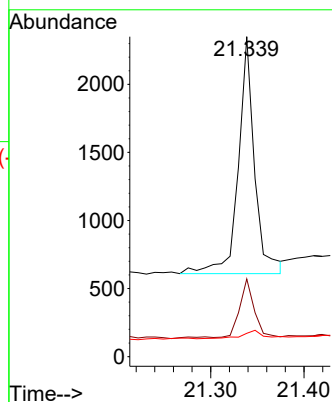
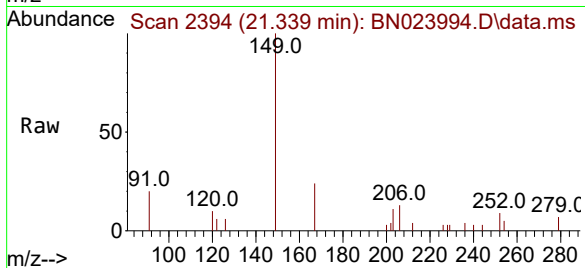




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.120 ng  
 RT: 21.339 min Scan# 2118  
 Delta R.T. -0.004 min  
 Lab File: BN023994.D  
 Acq: 08 Feb 2023 17:57

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PW-B6-L57-020723

Tgt Ion:149 Resp: 2118  
 Ion Ratio Lower Upper  
 149 100  
 167 24.9 21.1 31.7  
 279 5.1 3.1 4.7#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.808 min Scan# 2993  
 Delta R.T. -0.001 min  
 Lab File: BN023994.D  
 Acq: 08 Feb 2023 17:57

Tgt Ion:264 Resp: 9125  
 Ion Ratio Lower Upper  
 264 100  
 260 27.4 21.4 32.0  
 265 73.2 41.4 62.0#

