

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022323\  
 Data File : BN024099.D  
 Acq On : 23 Feb 2023 14:16  
 Operator : CG/JU  
 Sample : PB150977BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB150977BL

Quant Time: Feb 24 02:18:24 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN020723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 23 03:52:37 2023  
 Response via : Initial Calibration

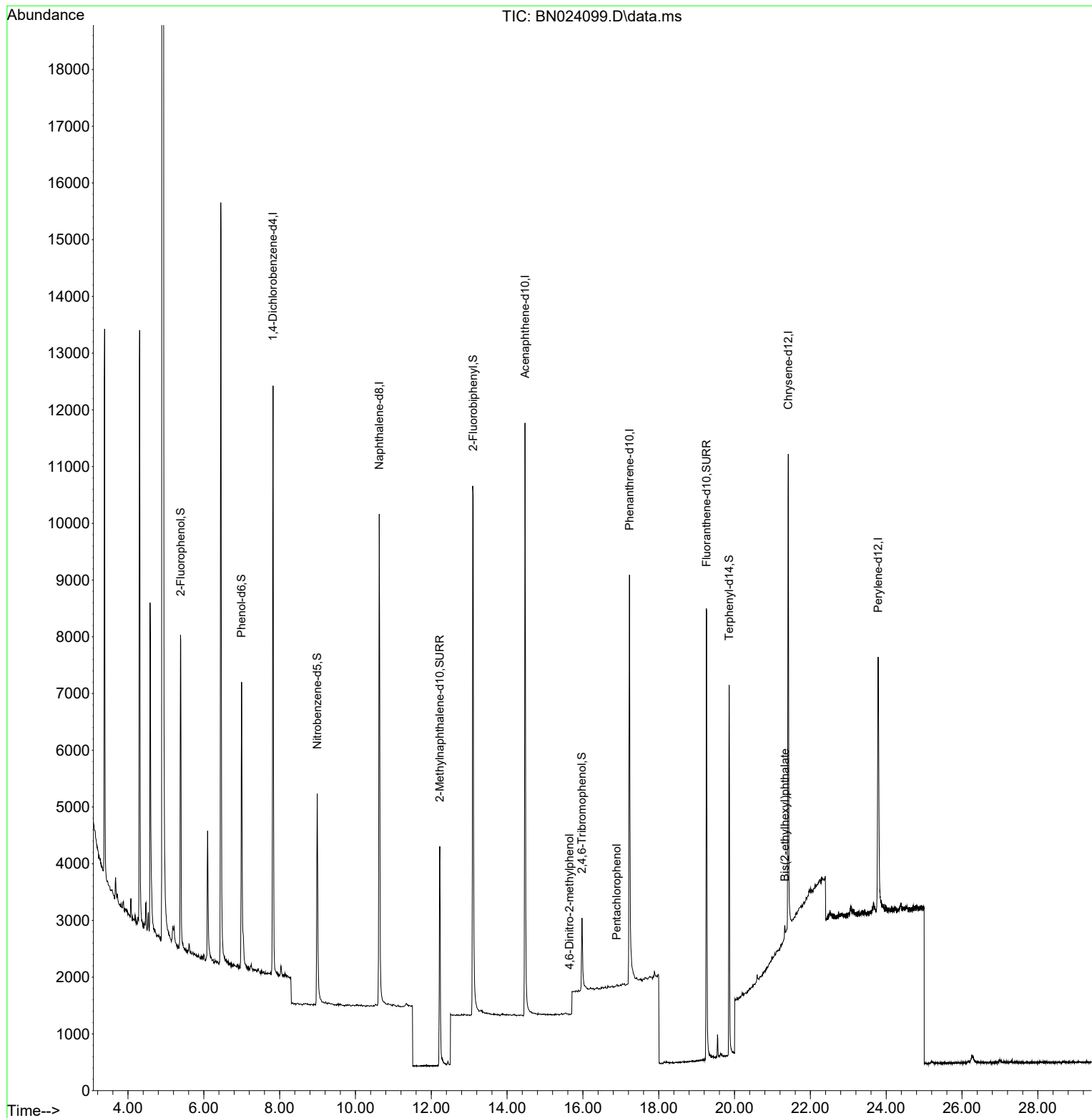
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.826  | 152  | 4908     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.626 | 136  | 12011    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.474 | 164  | 6324     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.228 | 188  | 12020    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.419 | 240  | 8795     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.787 | 264  | 7173     | 0.400 | ng    | #-0.03   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.392  | 112  | 4532     | 0.444 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.995  | 99   | 5196     | 0.432 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.993  | 82   | 3675     | 0.381 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.223 | 152  | 6038     | 0.362 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.975 | 330  | 935      | 0.287 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 10128    | 0.405 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.262 | 212  | 10115    | 0.347 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.857 | 244  | 7610     | 0.464 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 20) 4,6-Dinitro-2-methylph... | 15.650 | 198  | 2        | 0.193 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.893 | 266  | 42       | 0.177 | ng    | # 48     |
| 34) Bis(2-ethylhexyl)phtha... | 21.330 | 149  | 444      | 0.035 | ng    | # 83     |
| -----                         |        |      |          |       |       |          |

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

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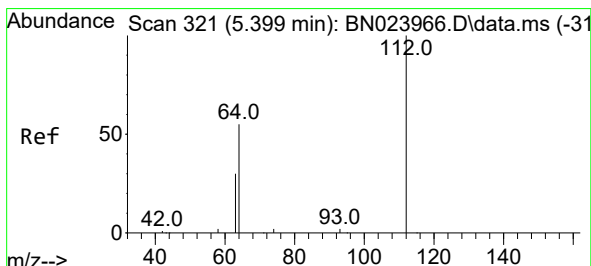
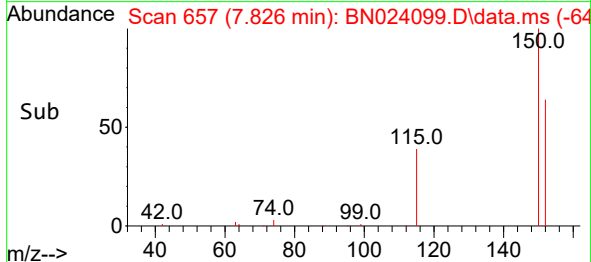
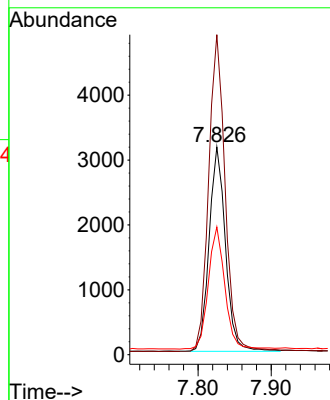
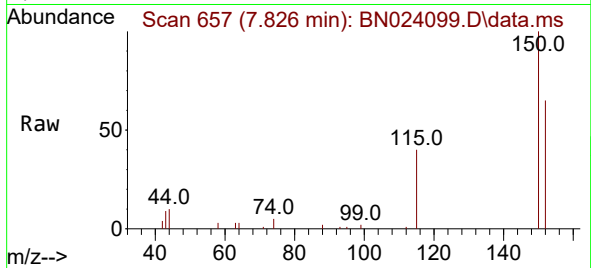




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.826 min Scan# 61  
Delta R.T. 0.001 min  
Lab File: BN024099.D  
Acq: 23 Feb 2023 14:16

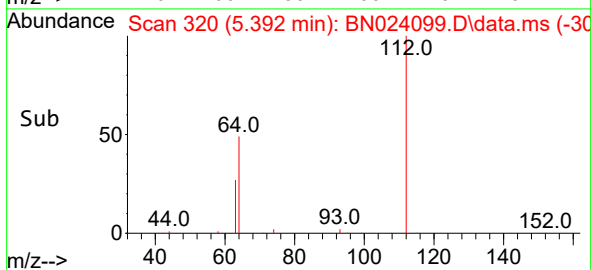
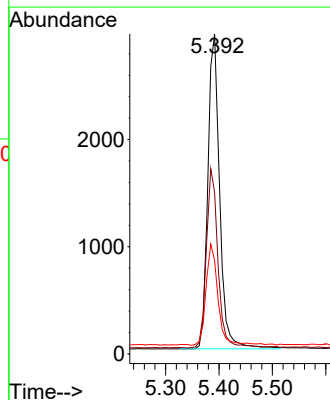
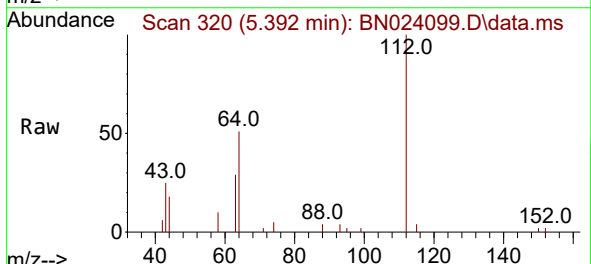
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BNA\_N  
ClientSampleId :  
PB150977BL

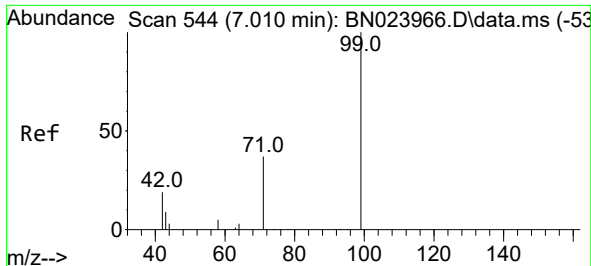
Tgt Ion:152 Resp: 4908  
Ion Ratio Lower Upper  
152 100  
150 154.1 121.8 182.6  
115 61.5 47.7 71.5



#4  
2-Fluorophenol  
Concen: 0.444 ng  
RT: 5.392 min Scan# 320  
Delta R.T. 0.000 min  
Lab File: BN024099.D  
Acq: 23 Feb 2023 14:16

Tgt Ion:112 Resp: 4532  
Ion Ratio Lower Upper  
112 100  
64 56.2 44.8 67.2  
63 32.9 25.1 37.7

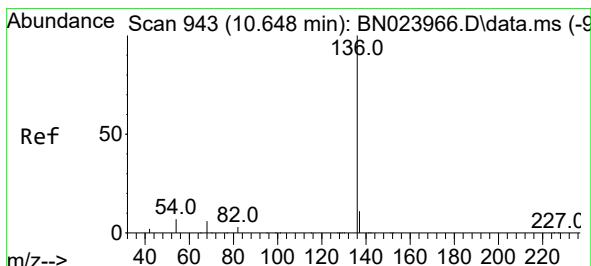
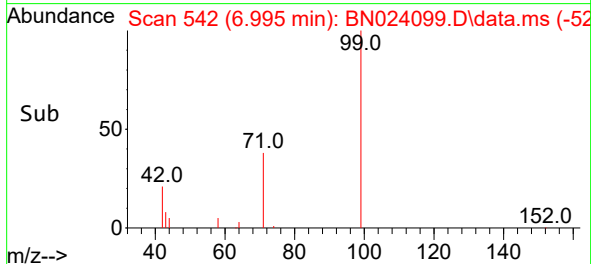
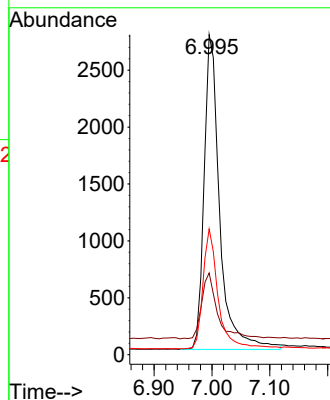
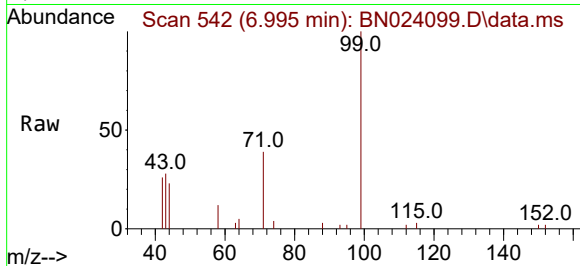




#5  
Phenol-d6  
Concen: 0.432 ng  
RT: 6.995 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: BN024099.D  
Acq: 23 Feb 2023 14:16

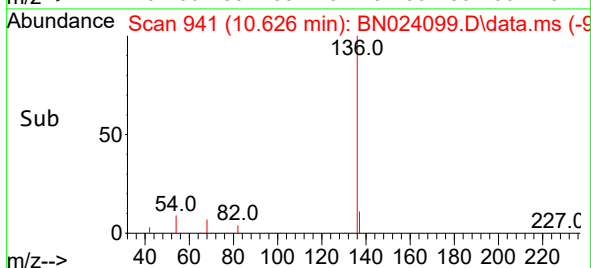
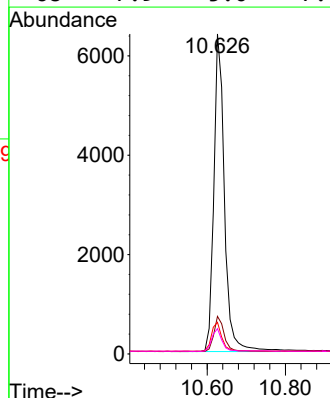
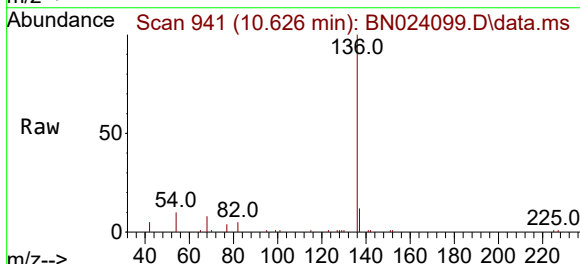
Instrument :  
BNA\_N  
ClientSampleId :  
PB150977BL

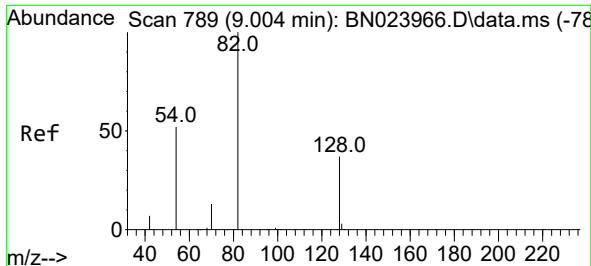
Tgt Ion: 99 Resp: 5196  
Ion Ratio Lower Upper  
99 100  
42 21.1 17.0 25.6  
71 37.1 29.0 43.4



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.626 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BN024099.D  
Acq: 23 Feb 2023 14:16

Tgt Ion: 136 Resp: 12011  
Ion Ratio Lower Upper  
136 100  
137 11.7 9.1 13.7  
54 9.9 5.8 8.8#  
68 7.9 5.0 7.4#

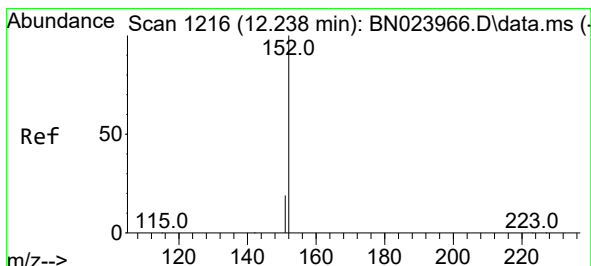
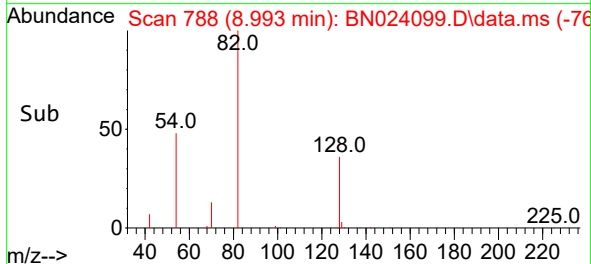
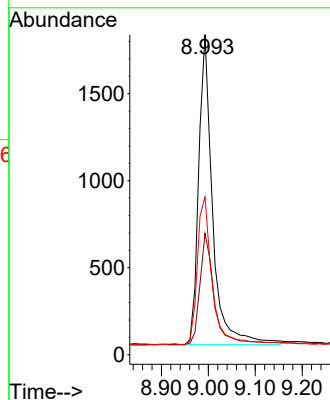
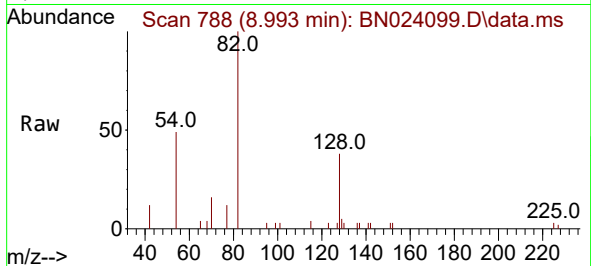




#8  
Nitrobenzene-d5  
Concen: 0.381 ng  
RT: 8.993 min Scan# 789  
Delta R.T. 0.000 min  
Lab File: BN024099.D  
Acq: 23 Feb 2023 14:16

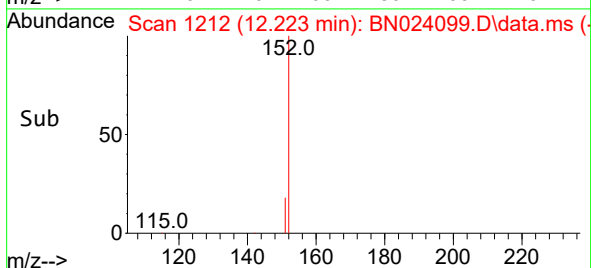
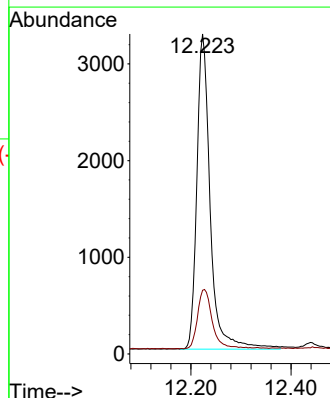
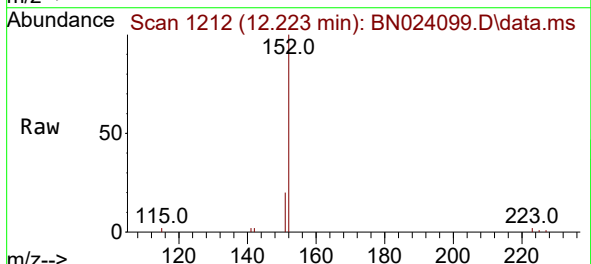
Instrument :  
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ClientSampleId :  
PB150977BL

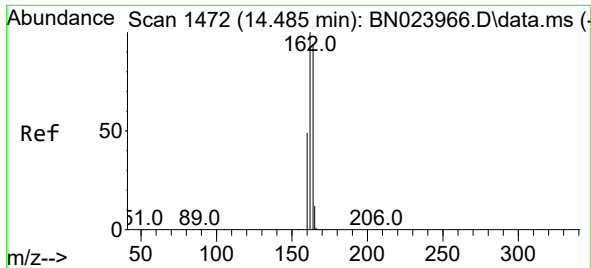
Tgt Ion: 82 Resp: 3675  
Ion Ratio Lower Upper  
82 100  
128 37.9 31.5 47.3  
54 49.3 42.8 64.2



#11  
2-Methylnaphthalene-d10  
Concen: 0.362 ng  
RT: 12.223 min Scan# 1212  
Delta R.T. 0.000 min  
Lab File: BN024099.D  
Acq: 23 Feb 2023 14:16

Tgt Ion: 152 Resp: 6038  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.6 24.8

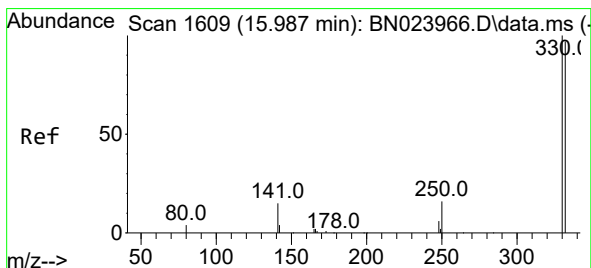
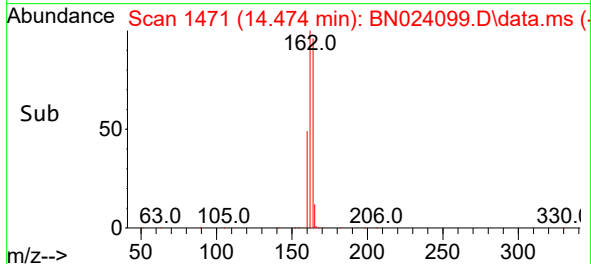
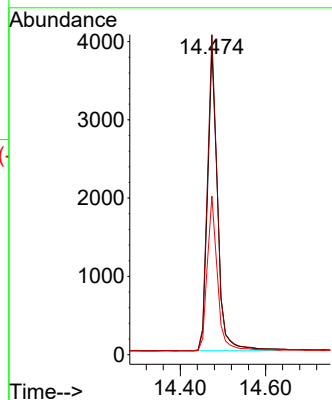
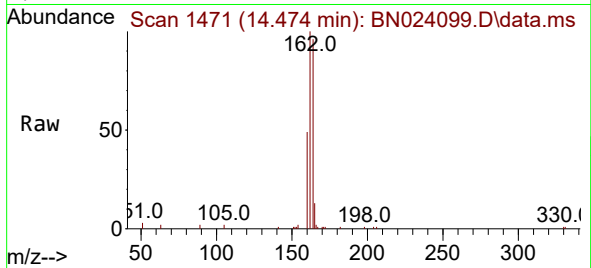




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.474 min Scan# 1471  
 Delta R.T. 0.000 min  
 Lab File: BN024099.D  
 Acq: 23 Feb 2023 14:16

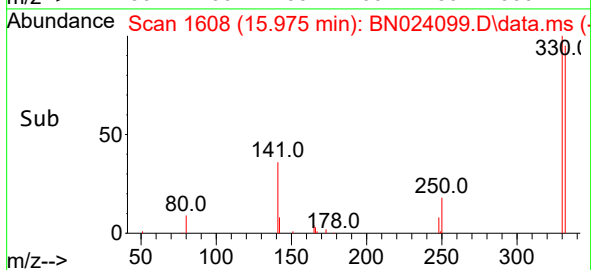
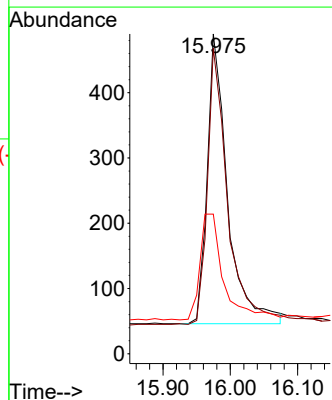
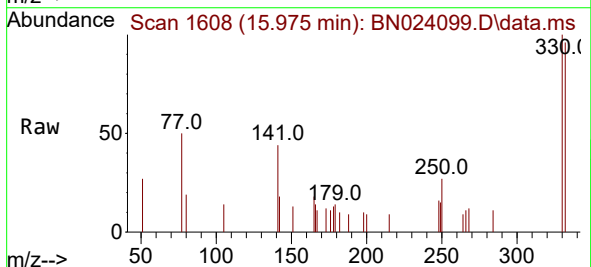
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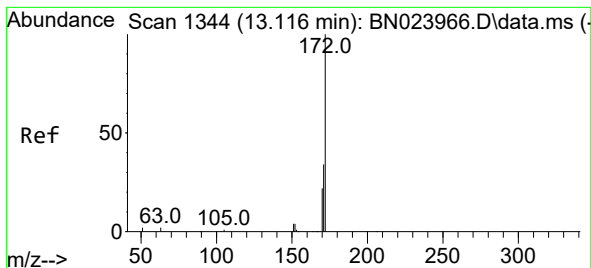
Tgt Ion:164 Resp: 6324  
 Ion Ratio Lower Upper  
 164 100  
 162 104.6 84.8 127.2  
 160 51.7 42.0 63.0



#14  
 2,4,6-Tribromophenol  
 Concen: 0.287 ng  
 RT: 15.975 min Scan# 1608  
 Delta R.T. 0.000 min  
 Lab File: BN024099.D  
 Acq: 23 Feb 2023 14:16

Tgt Ion:330 Resp: 935  
 Ion Ratio Lower Upper  
 330 100  
 332 94.8 77.7 116.5  
 141 42.4 26.6 39.8#





#15

2-Fluorobiphenyl

Concen: 0.405 ng

RT: 13.105 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024099.D

Acq: 23 Feb 2023 14:16

Instrument :

BNA\_N

ClientSampleId :

PB150977BL

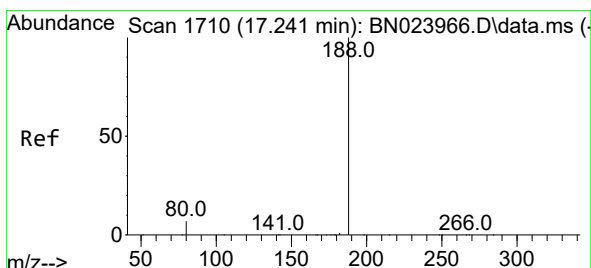
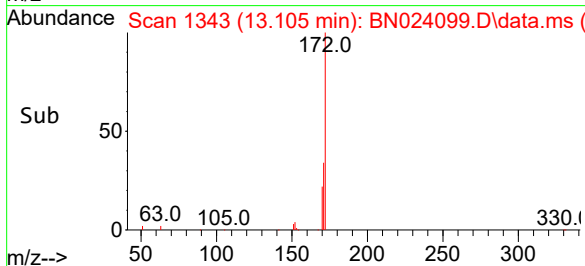
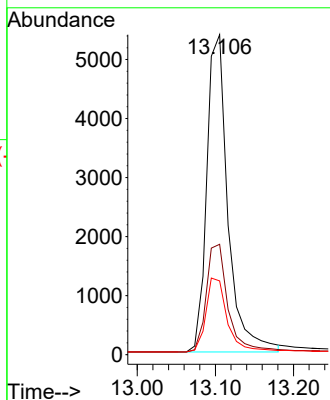
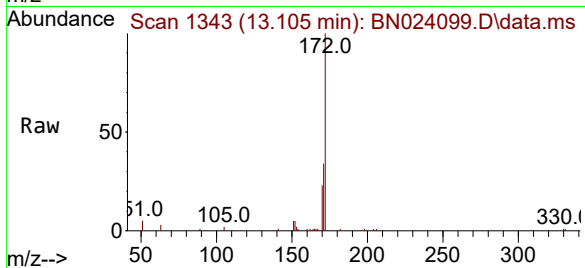
Tgt Ion:172 Resp: 10128

Ion Ratio Lower Upper

172 100

171 34.5 27.4 41.2

170 23.0 18.2 27.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.228 min Scan# 1709

Delta R.T. 0.000 min

Lab File: BN024099.D

Acq: 23 Feb 2023 14:16

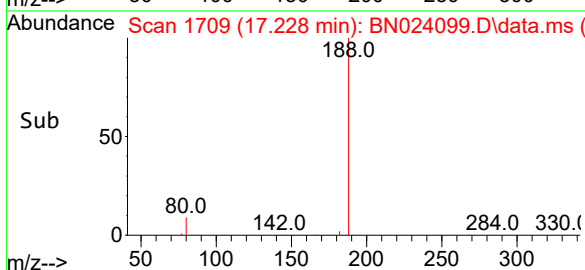
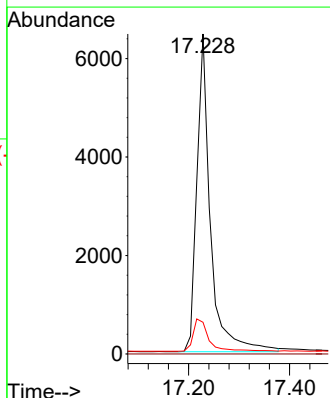
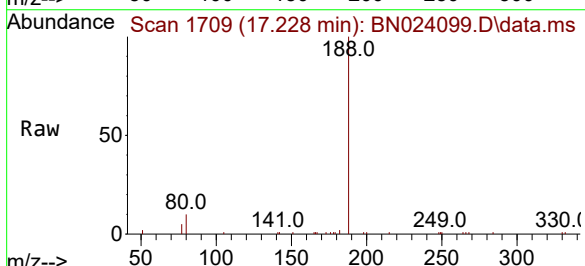
Tgt Ion:188 Resp: 12020

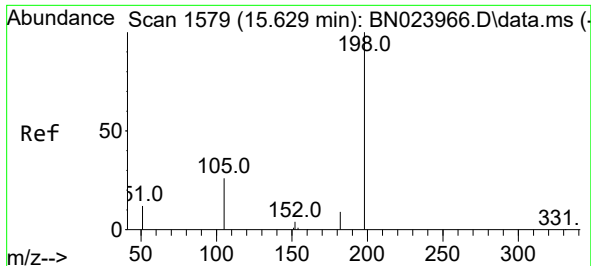
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.9 6.1 9.1#

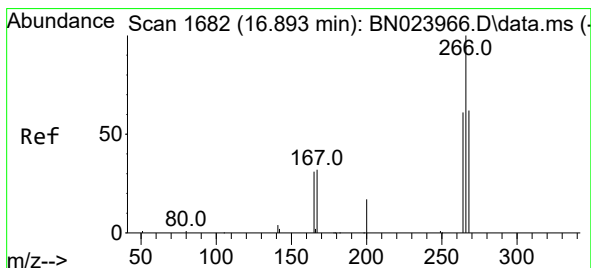
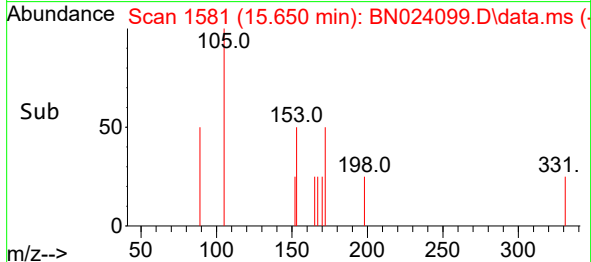
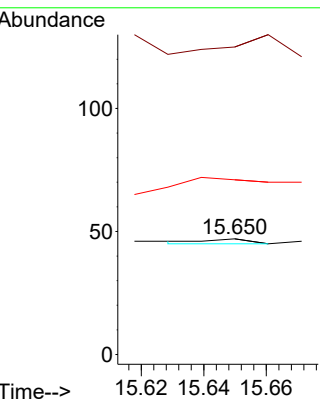
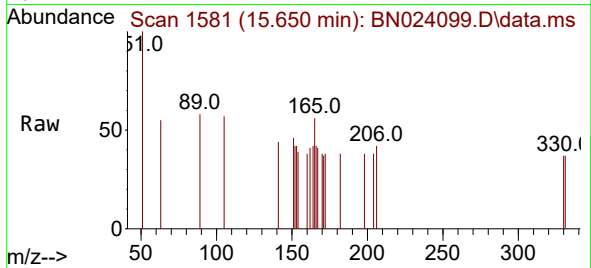




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.193 ng  
RT: 15.650 min Scan# 1581  
Delta R.T. 0.032 min  
Lab File: BN024099.D  
Acq: 23 Feb 2023 14:16

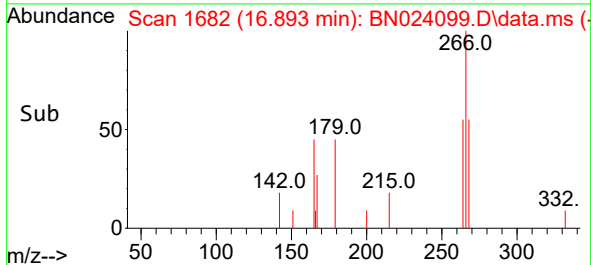
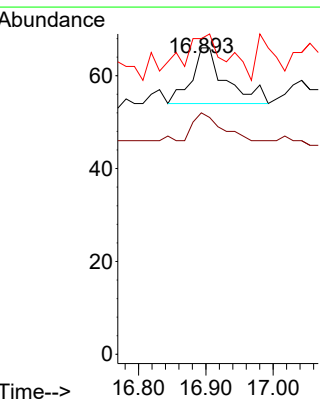
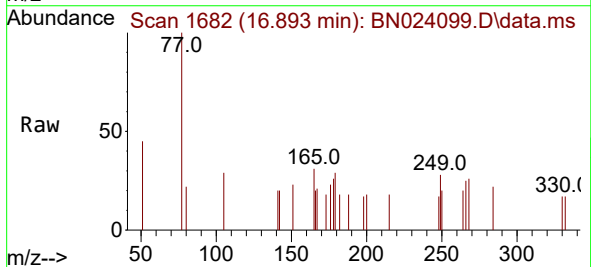
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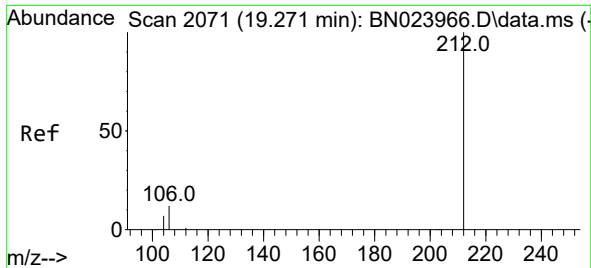
Tgt Ion:198 Resp: 2  
Ion Ratio Lower Upper  
198 100  
51 266.0 36.8 55.2#  
105 151.1 28.8 43.2#



#24  
Pentachlorophenol  
Concen: 0.177 ng  
RT: 16.893 min Scan# 1682  
Delta R.T. 0.013 min  
Lab File: BN024099.D  
Acq: 23 Feb 2023 14:16

Tgt Ion:266 Resp: 42  
Ion Ratio Lower Upper  
266 100  
264 42.9 47.6 71.4#  
268 121.4 47.5 71.3#

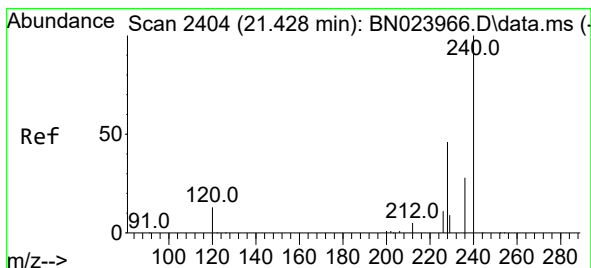
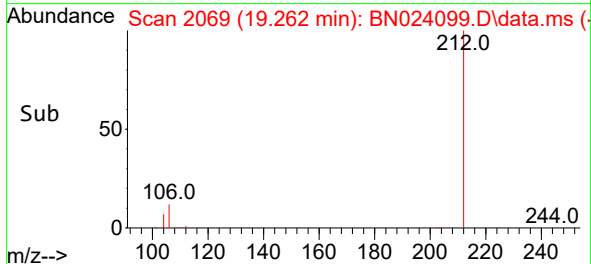
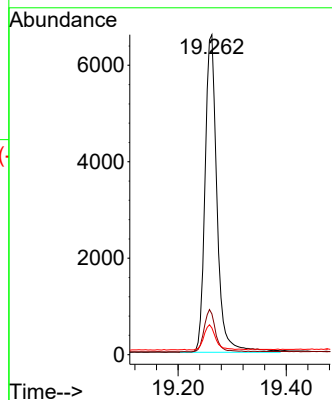
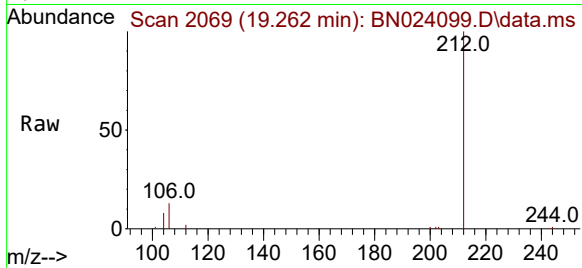




#27  
Fluoranthene-d10  
Concen: 0.347 ng  
RT: 19.262 min Scan# 2069  
Delta R.T. 0.000 min  
Lab File: BN024099.D  
Acq: 23 Feb 2023 14:16

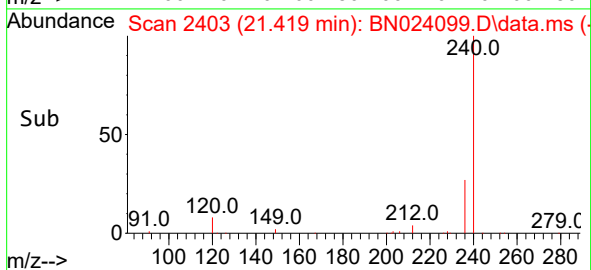
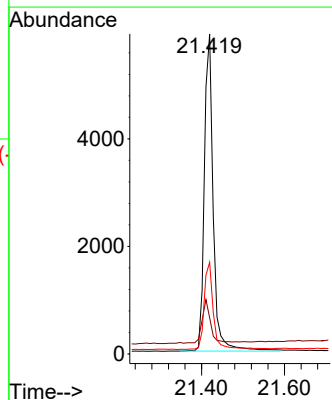
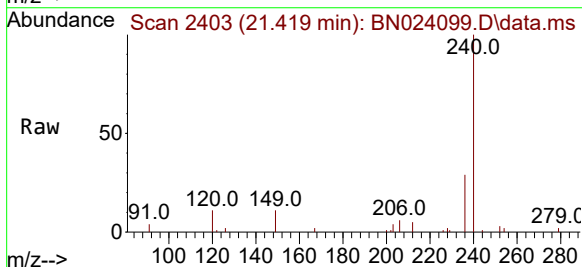
Instrument :  
BNA\_N  
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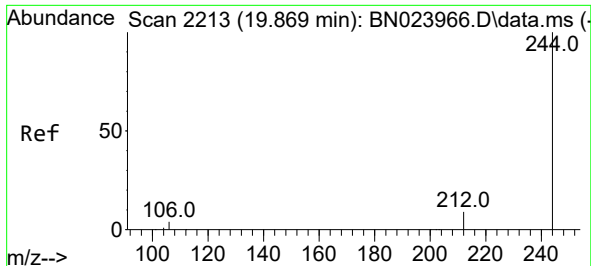
Tgt Ion:212 Resp: 10115  
Ion Ratio Lower Upper  
212 100  
106 12.7 9.2 13.8  
104 7.6 5.7 8.5



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.419 min Scan# 2403  
Delta R.T. -0.009 min  
Lab File: BN024099.D  
Acq: 23 Feb 2023 14:16

Tgt Ion:240 Resp: 8795  
Ion Ratio Lower Upper  
240 100  
120 11.3 11.4 17.0#  
236 28.6 23.2 34.8

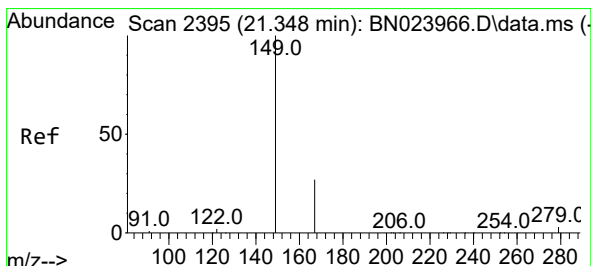
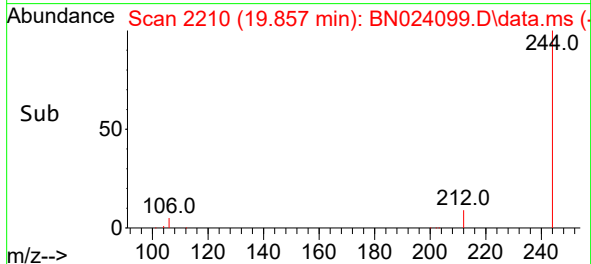
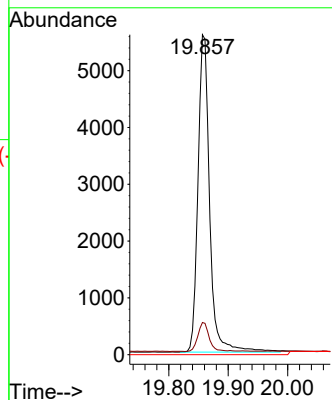
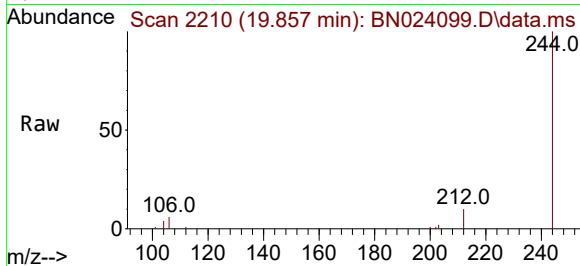




#31  
 Terphenyl-d14  
 Concen: 0.464 ng  
 RT: 19.857 min Scan# 211  
 Delta R.T. -0.004 min  
 Lab File: BN024099.D  
 Acq: 23 Feb 2023 14:16

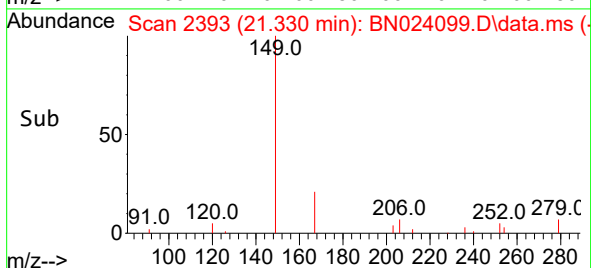
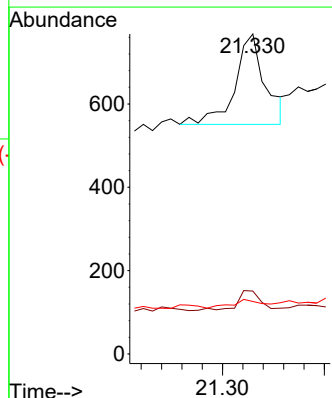
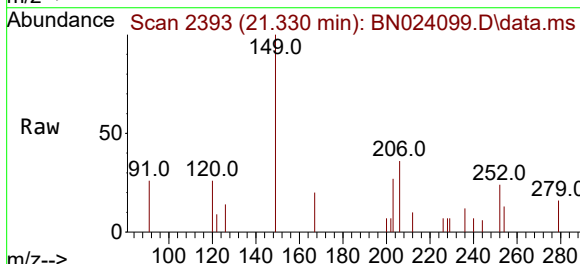
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB150977BL

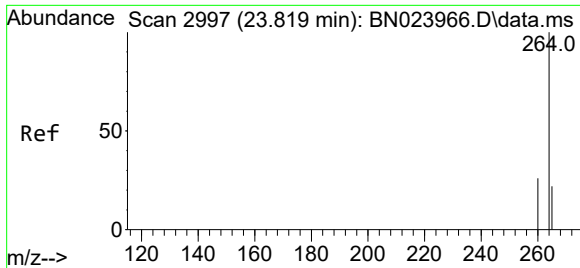
Tgt Ion:244 Resp: 7610  
 Ion Ratio Lower Upper  
 244 100  
 212 10.1 7.7 11.5  
 122 0.0 0.0 0.0



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.035 ng  
 RT: 21.330 min Scan# 2393  
 Delta R.T. 0.000 min  
 Lab File: BN024099.D  
 Acq: 23 Feb 2023 14:16

Tgt Ion:149 Resp: 444  
 Ion Ratio Lower Upper  
 149 100  
 167 17.6 21.1 31.7#  
 279 9.5 3.1 4.7#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.787 min Scan# 29

Delta R.T. -0.029 min

Lab File: BN024099.D

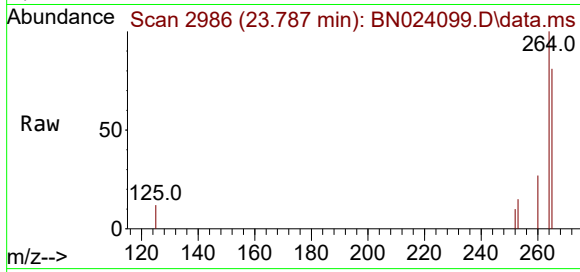
Acq: 23 Feb 2023 14:16

Instrument :

BNA\_N

ClientSampleId :

PB150977BL



Tgt Ion:264 Resp: 7173

Ion Ratio Lower Upper

264 100

260 27.2 21.4 32.0

265 81.1 41.4 62.0#

