

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031523\  
 Data File : BN024301.D  
 Acq On : 15 Mar 2023 19:47  
 Operator : CG/JU  
 Sample : PB1514314BL  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB151434BL

Quant Time: Mar 16 01:20:12 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 16 01:06:57 2023  
 Response via : Initial Calibration

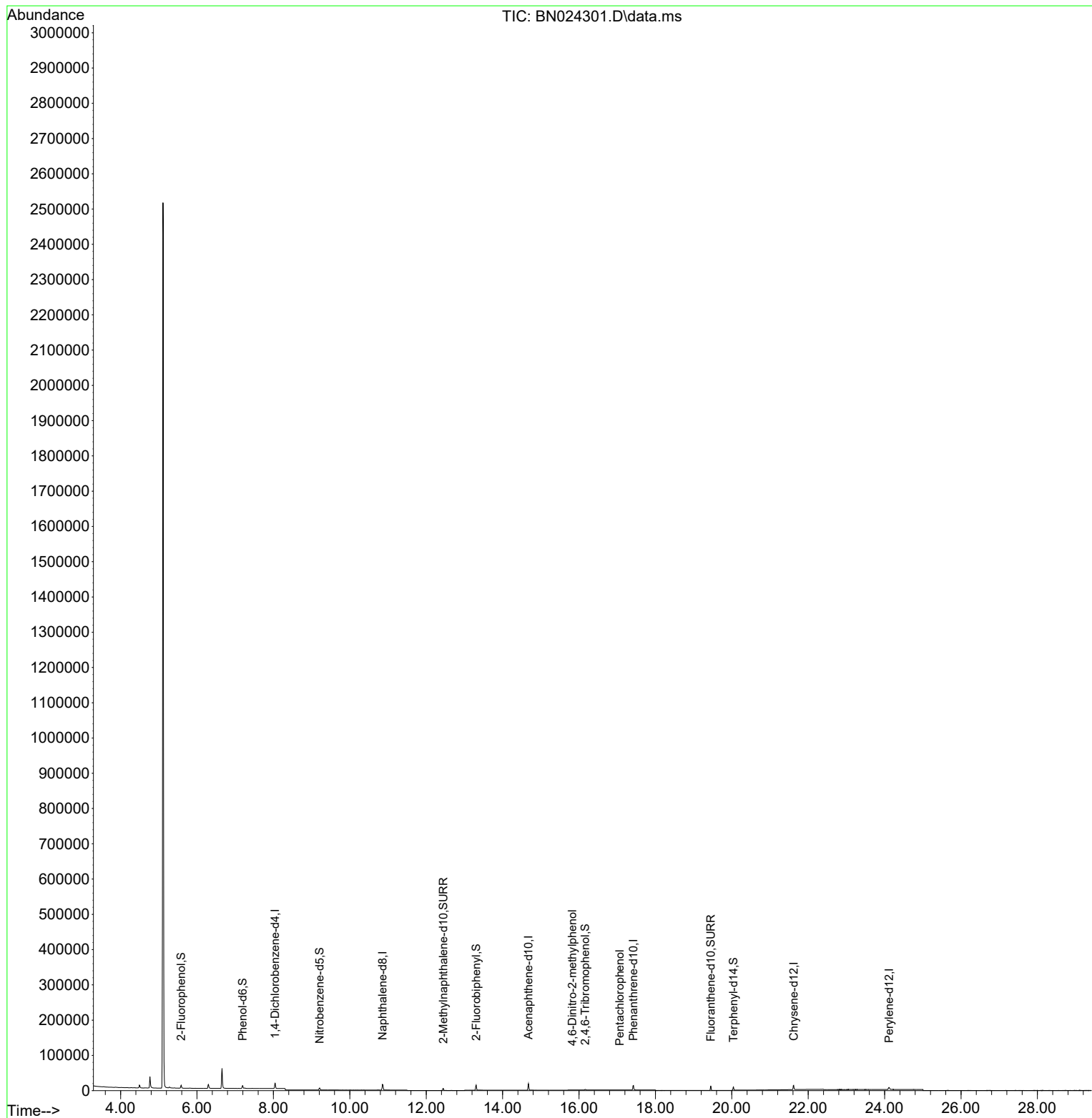
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.047  | 152  | 7827     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.856 | 136  | 21735    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.675 | 164  | 9710     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.425 | 188  | 19469    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.619 | 240  | 12652    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.114 | 264  | 9699     | 0.400 | ng    | #-0.01   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.585  | 112  | 6423     | 0.371 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.195  | 99   | 7617     | 0.342 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.211  | 82   | 5086     | 0.350 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.444 | 152  | 8437     | 0.316 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.159 | 330  | 1168     | 0.235 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.307 | 172  | 12483    | 0.340 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.450 | 212  | 13340    | 0.323 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.043 | 244  | 7916     | 0.371 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 20) 4,6-Dinitro-2-methylph... | 15.824 | 198  | 10       | 0.181 | ng    | # 1      |
| 24) Pentachlorophenol         | 17.065 | 266  | 9        | 0.130 | ng    | # 62     |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031523\  
Data File : BN024301.D  
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Operator : CG/JU  
Sample : PB1514314BL  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB151434BL

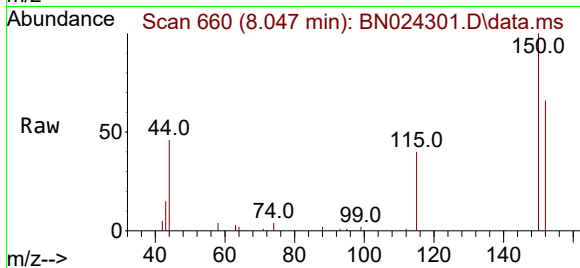
Quant Time: Mar 16 01:20:12 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 16 01:06:57 2023  
Response via : Initial Calibration



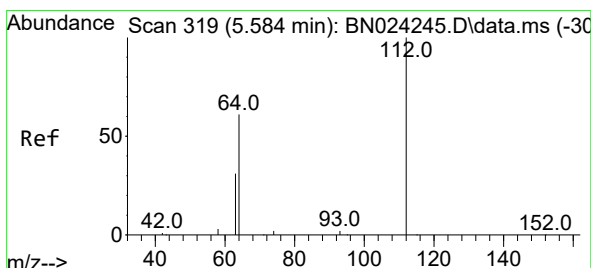
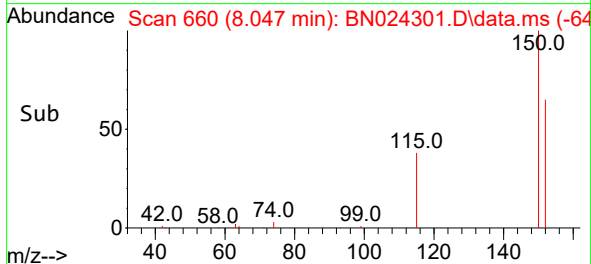
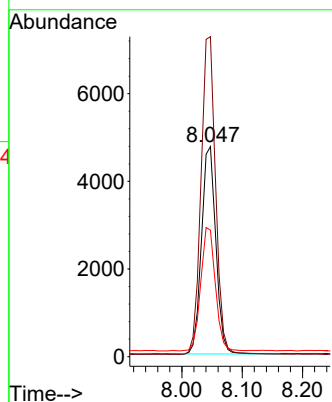


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.047 min Scan# 660  
 Delta R.T. 0.007 min  
 Lab File: BN024301.D  
 Acq: 15 Mar 2023 19:47

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB151434BL

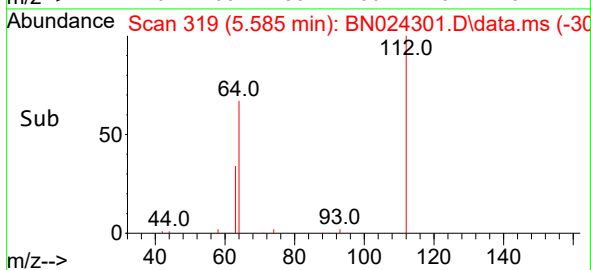
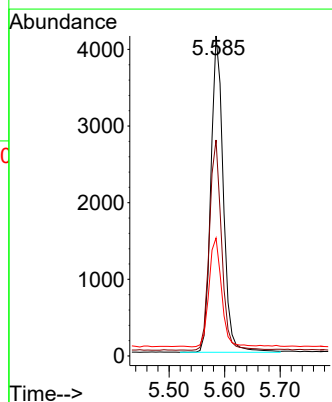
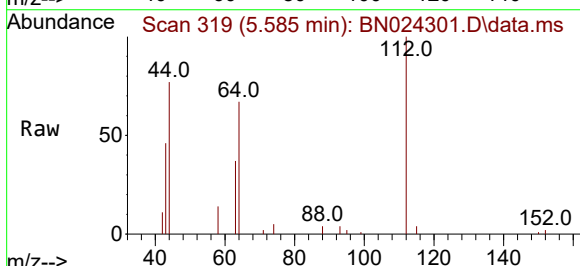


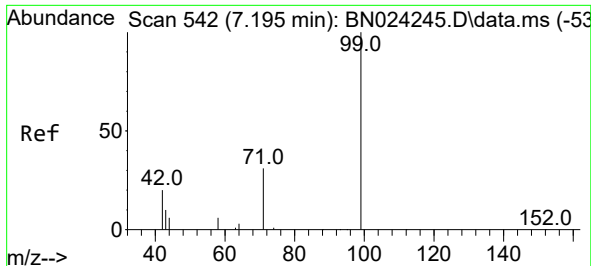
Tgt Ion:152 Resp: 7827  
 Ion Ratio Lower Upper  
 152 100  
 150 152.3 124.7 187.1  
 115 60.3 49.1 73.7



#4  
 2-Fluorophenol  
 Concen: 0.371 ng  
 RT: 5.585 min Scan# 319  
 Delta R.T. 0.000 min  
 Lab File: BN024301.D  
 Acq: 15 Mar 2023 19:47

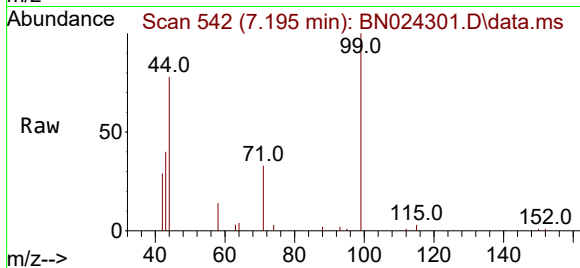
Tgt Ion:112 Resp: 6423  
 Ion Ratio Lower Upper  
 112 100  
 64 65.5 49.0 73.6  
 63 34.9 25.7 38.5



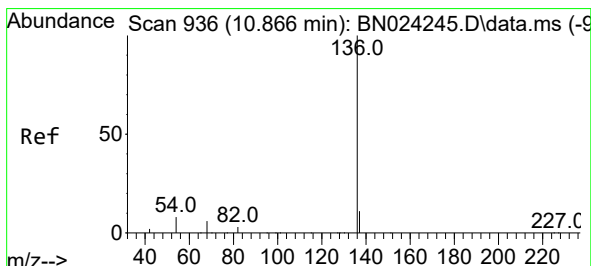
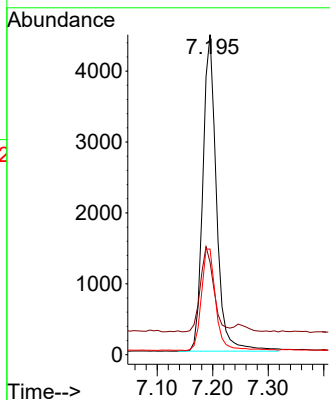
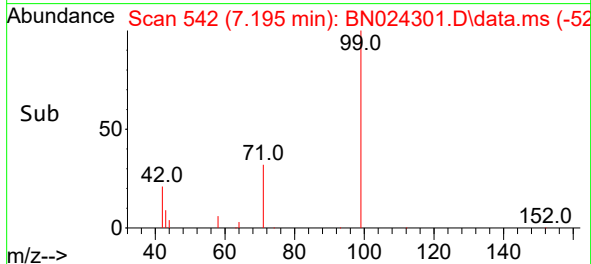


#5  
Phenol-d6  
Concen: 0.342 ng  
RT: 7.195 min Scan# 54  
Delta R.T. 0.007 min  
Lab File: BN024301.D  
Acq: 15 Mar 2023 19:47

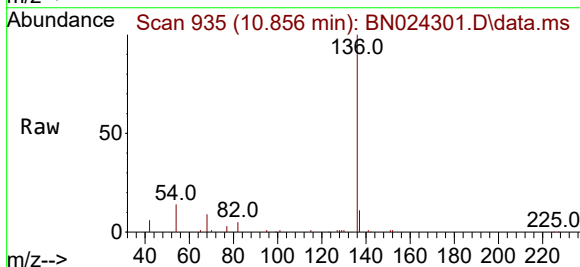
Instrument :  
BNA\_N  
ClientSampleId :  
PB151434BL



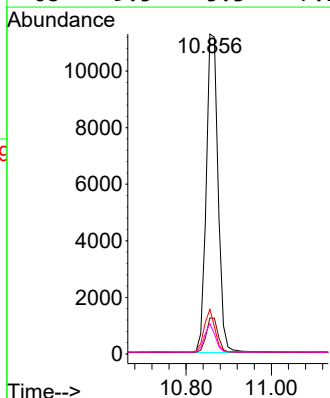
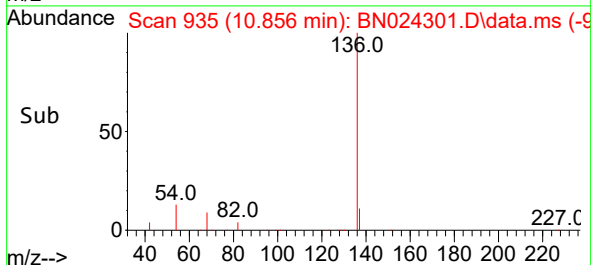
Tgt Ion: 99 Resp: 7617  
Ion Ratio Lower Upper  
99 100  
42 26.0 20.1 30.1  
71 33.7 25.8 38.8

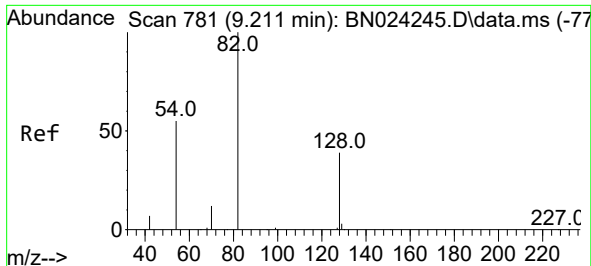


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.856 min Scan# 935  
Delta R.T. 0.000 min  
Lab File: BN024301.D  
Acq: 15 Mar 2023 19:47



Tgt Ion: 136 Resp: 21735  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.9 13.3  
54 13.9 7.1 10.7#  
68 9.5 5.3 7.9#

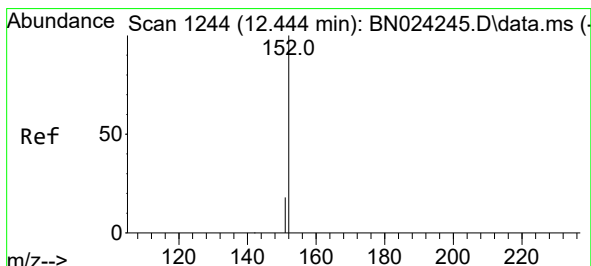
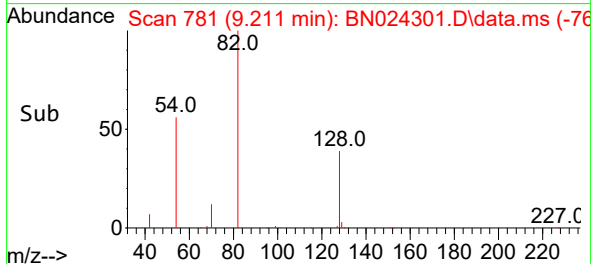
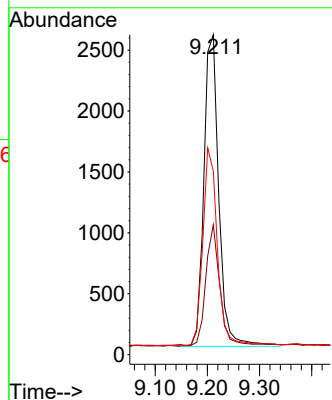
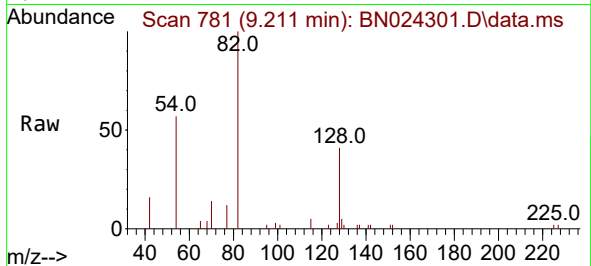




#8  
Nitrobenzene-d5  
Concen: 0.350 ng  
RT: 9.211 min Scan# 781  
Delta R.T. 0.011 min  
Lab File: BN024301.D  
Acq: 15 Mar 2023 19:47

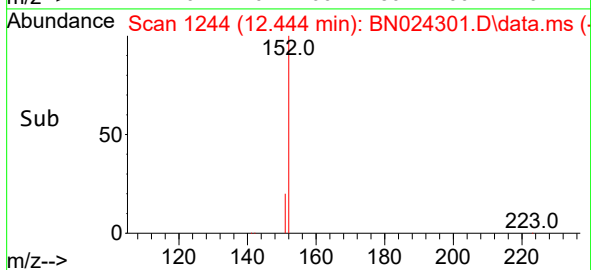
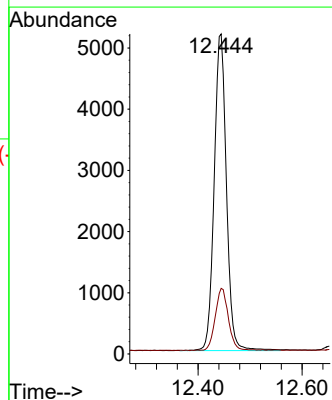
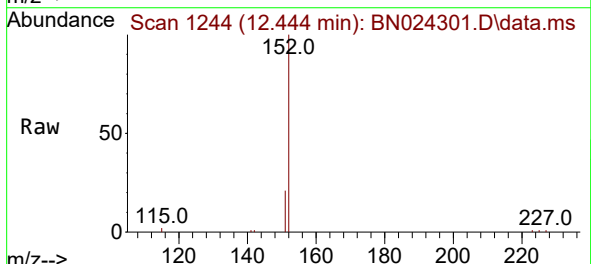
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BNA\_N  
ClientSampleId :  
PB151434BL

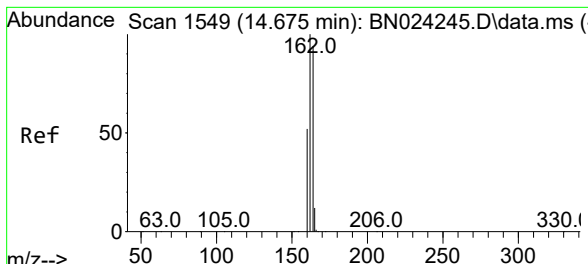
Tgt Ion: 82 Resp: 5086  
Ion Ratio Lower Upper  
82 100  
128 40.6 32.4 48.6  
54 57.3 45.2 67.8



#11  
2-Methylnaphthalene-d10  
Concen: 0.316 ng  
RT: 12.444 min Scan# 1244  
Delta R.T. 0.004 min  
Lab File: BN024301.D  
Acq: 15 Mar 2023 19:47

Tgt Ion: 152 Resp: 8437  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.8 25.2

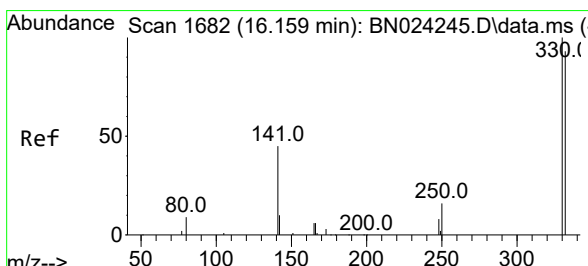
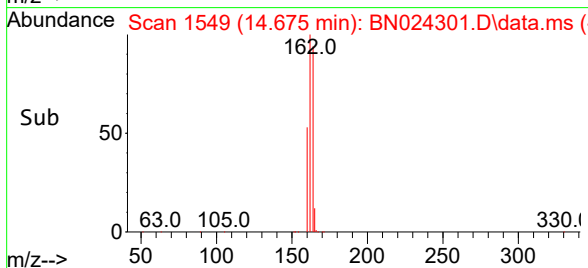
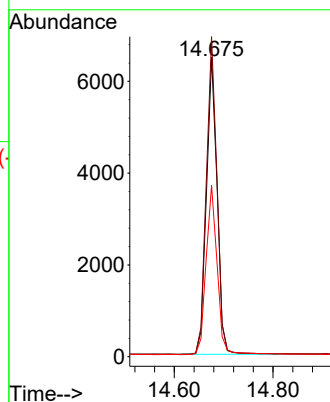
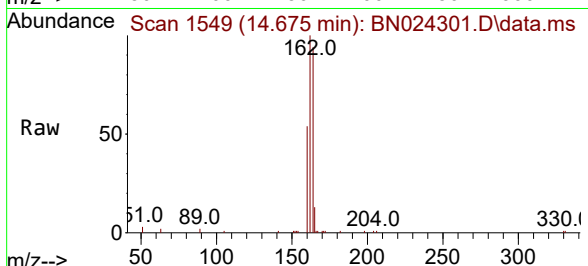




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.675 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BN024301.D  
 Acq: 15 Mar 2023 19:47

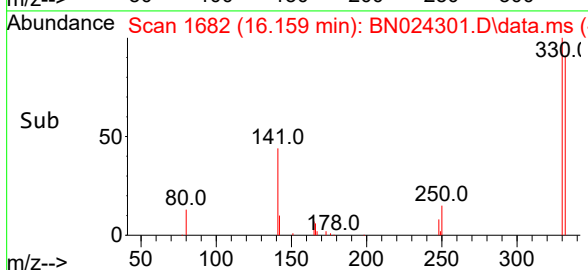
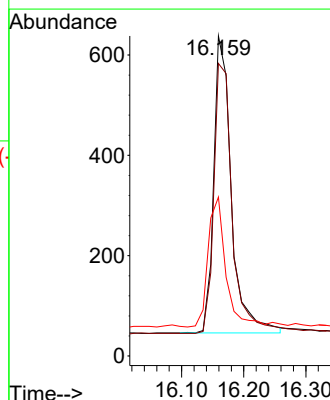
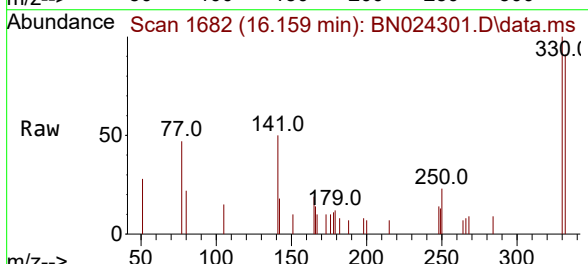
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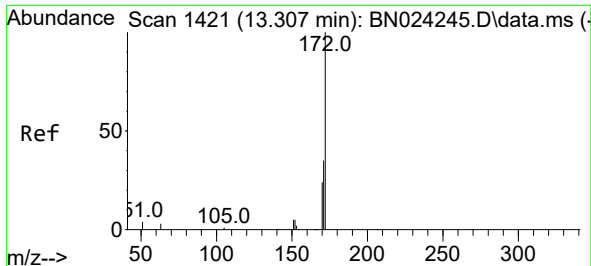
Tgt Ion:164 Resp: 9710  
 Ion Ratio Lower Upper  
 164 100  
 162 106.8 84.7 127.1  
 160 57.2 44.6 66.8



#14  
 2,4,6-Tribromophenol  
 Concen: 0.235 ng  
 RT: 16.159 min Scan# 1682  
 Delta R.T. 0.000 min  
 Lab File: BN024301.D  
 Acq: 15 Mar 2023 19:47

Tgt Ion:330 Resp: 1168  
 Ion Ratio Lower Upper  
 330 100  
 332 95.3 78.0 117.0  
 141 44.9 30.8 46.2

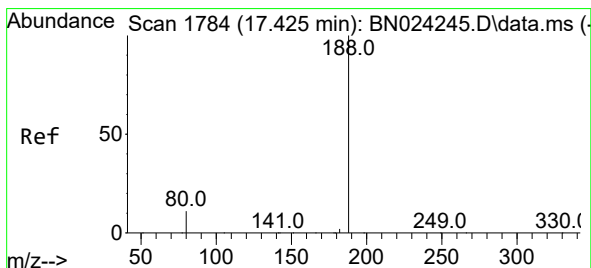
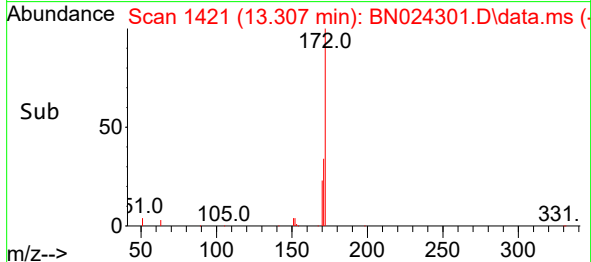
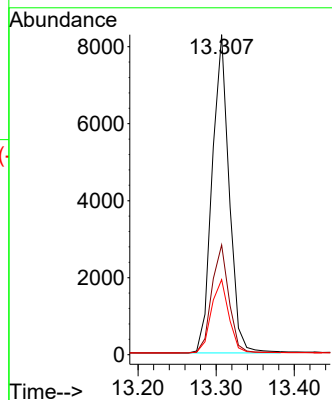
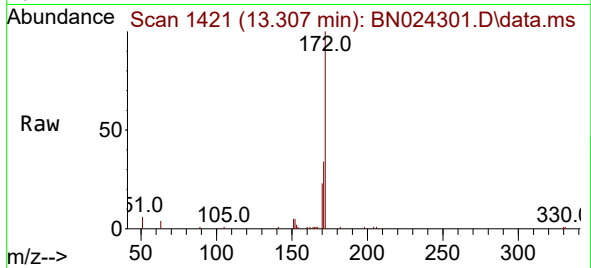




#15  
2-Fluorobiphenyl  
Concen: 0.340 ng  
RT: 13.307 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BN024301.D  
Acq: 15 Mar 2023 19:47

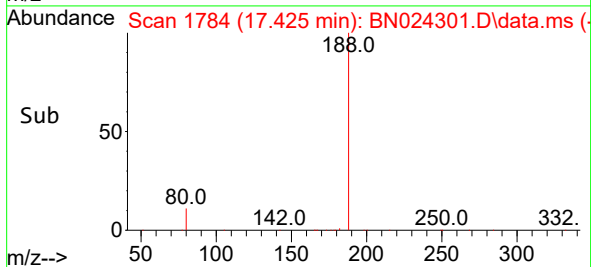
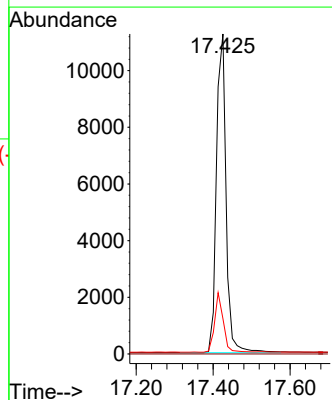
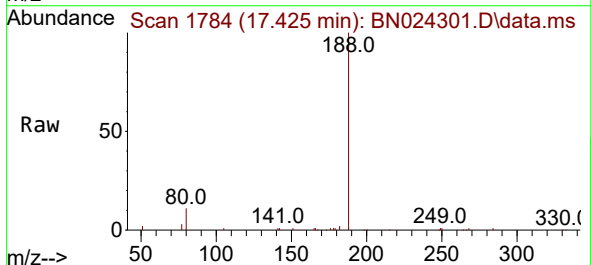
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PB151434BL

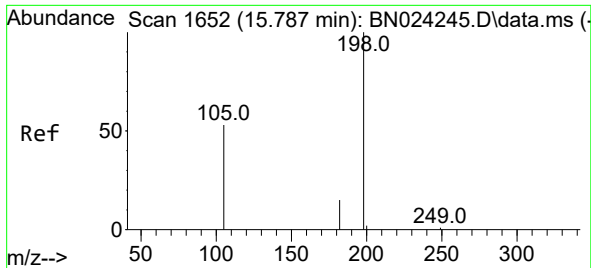
Tgt Ion:172 Resp: 12483  
Ion Ratio Lower Upper  
172 100  
171 34.3 27.8 41.8  
170 23.5 19.0 28.6



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.425 min Scan# 1784  
Delta R.T. 0.000 min  
Lab File: BN024301.D  
Acq: 15 Mar 2023 19:47

Tgt Ion:188 Resp: 19469  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.0 8.9 13.3

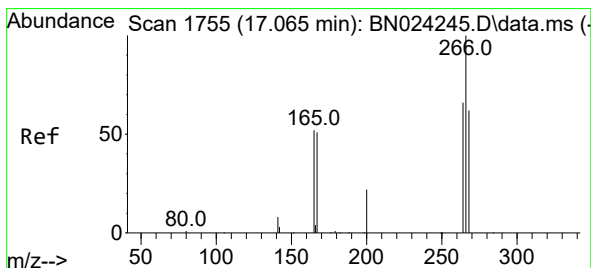
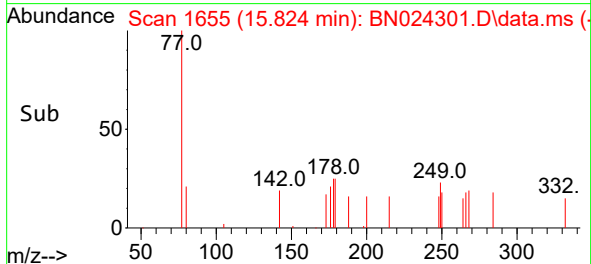
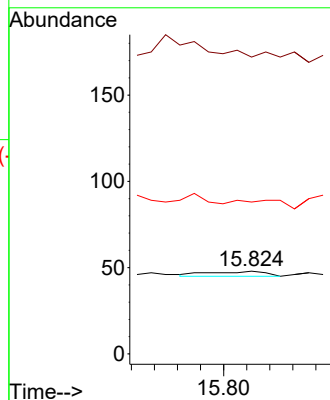
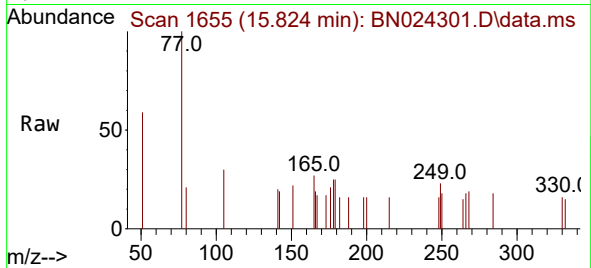




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.181 ng  
RT: 15.824 min Scan# 1655  
Delta R.T. 0.037 min  
Lab File: BN024301.D  
Acq: 15 Mar 2023 19:47

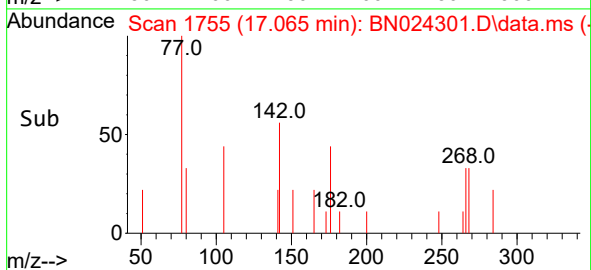
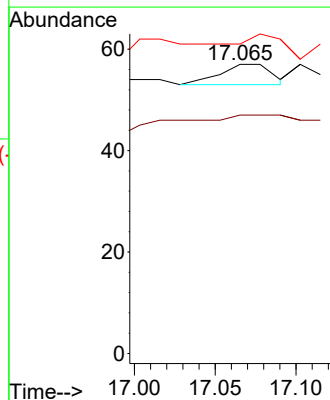
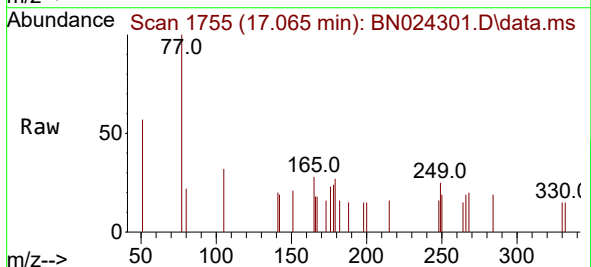
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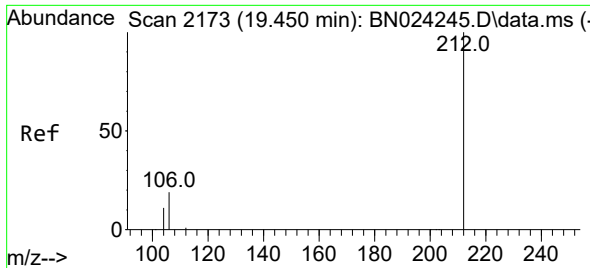
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Ion Ratio Lower Upper  
198 100  
51 358.3 68.2 102.2#  
105 183.3 51.6 77.4#



#24  
Pentachlorophenol  
Concen: 0.130 ng  
RT: 17.065 min Scan# 1755  
Delta R.T. 0.000 min  
Lab File: BN024301.D  
Acq: 15 Mar 2023 19:47

Tgt Ion:266 Resp: 9  
Ion Ratio Lower Upper  
266 100  
264 111.1 51.1 76.7#  
268 77.8 52.2 78.4

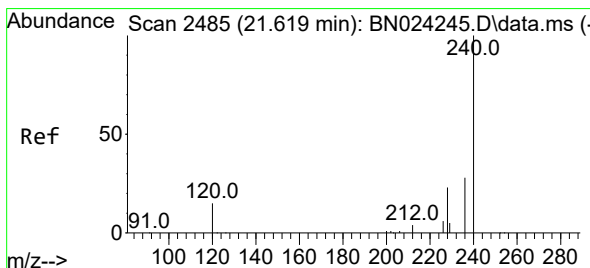
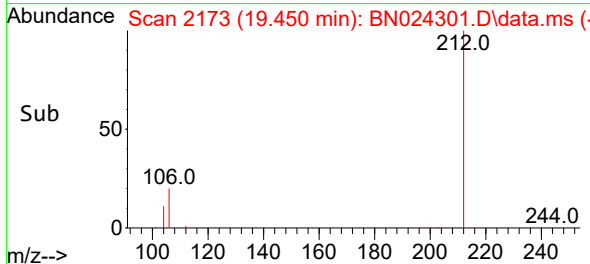
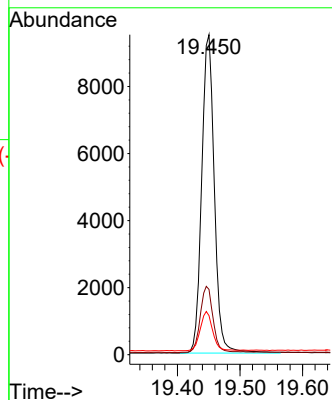
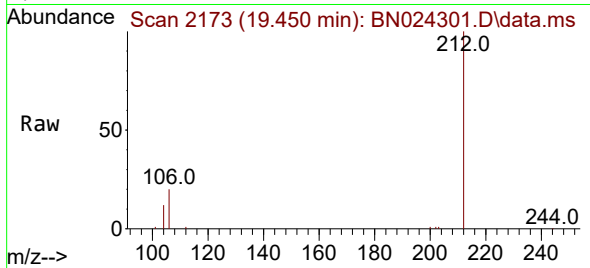




#27  
Fluoranthene-d10  
Concen: 0.323 ng  
RT: 19.450 min Scan# 2173  
Delta R.T. 0.004 min  
Lab File: BN024301.D  
Acq: 15 Mar 2023 19:47

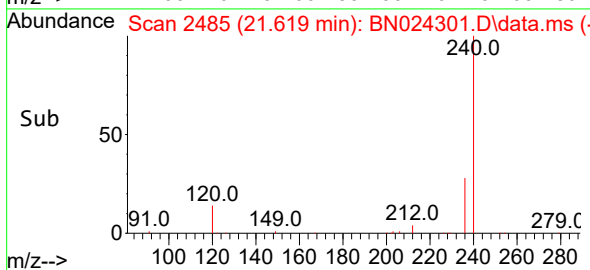
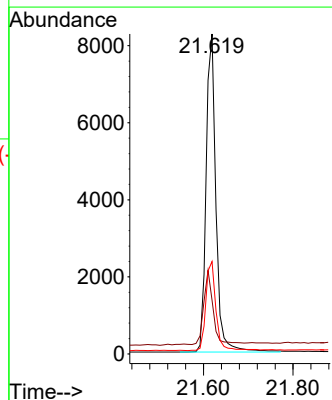
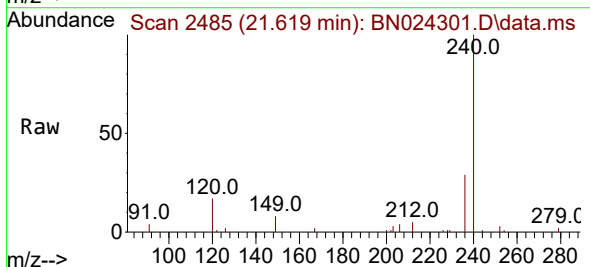
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ClientSampleId :  
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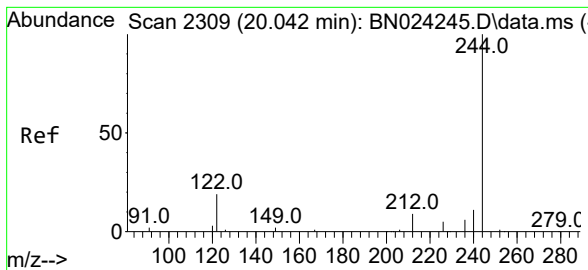
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Ion Ratio Lower Upper  
212 100  
106 21.2 15.4 23.2  
104 12.1 8.6 13.0



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.619 min Scan# 2485  
Delta R.T. 0.009 min  
Lab File: BN024301.D  
Acq: 15 Mar 2023 19:47

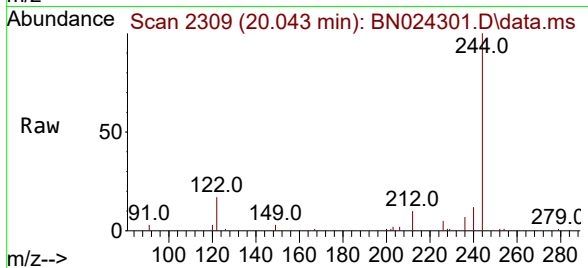
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Ion Ratio Lower Upper  
240 100  
120 16.8 12.8 19.2  
236 28.9 22.5 33.7



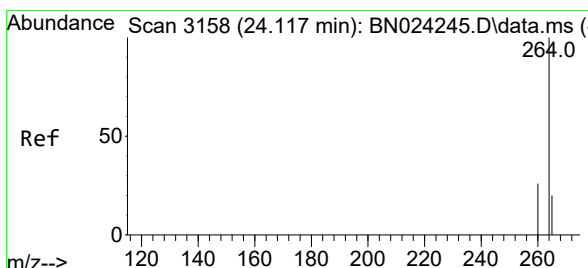
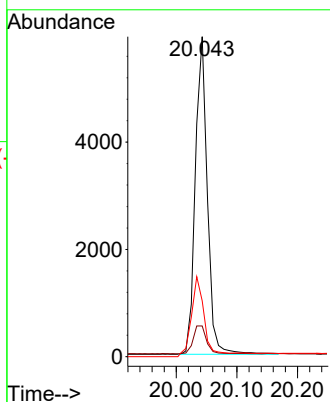
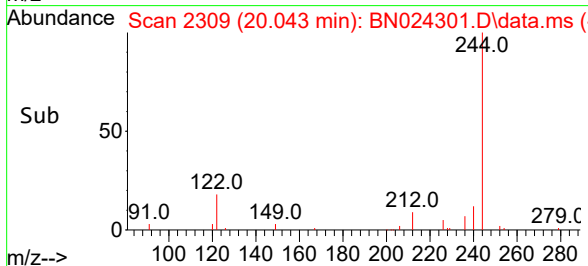


#31  
 Terphenyl-d14  
 Concen: 0.371 ng  
 RT: 20.043 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN024301.D  
 Acq: 15 Mar 2023 19:47

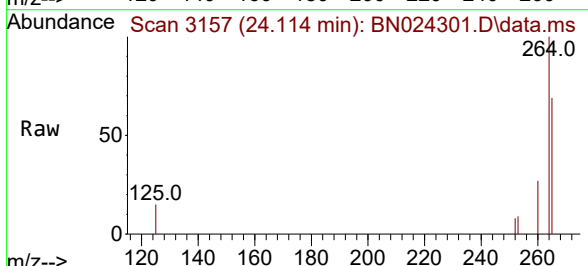
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB151434BL



Tgt Ion:244 Resp: 7916  
 Ion Ratio Lower Upper  
 244 100  
 212 9.6 7.6 11.4  
 122 17.4 15.1 22.7



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.114 min Scan# 3157  
 Delta R.T. -0.014 min  
 Lab File: BN024301.D  
 Acq: 15 Mar 2023 19:47



Tgt Ion:264 Resp: 9699  
 Ion Ratio Lower Upper  
 264 100  
 260 27.3 21.4 32.2  
 265 68.5 35.7 53.5#

