

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040323\  
 Data File : BN024738.D  
 Acq On : 03 Apr 2023 20:24  
 Operator : CG/JU  
 Sample : 02074-03  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EB-01-032323

Quant Time: Apr 04 03:57:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN040323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 04 03:11:39 2023  
 Response via : Initial Calibration

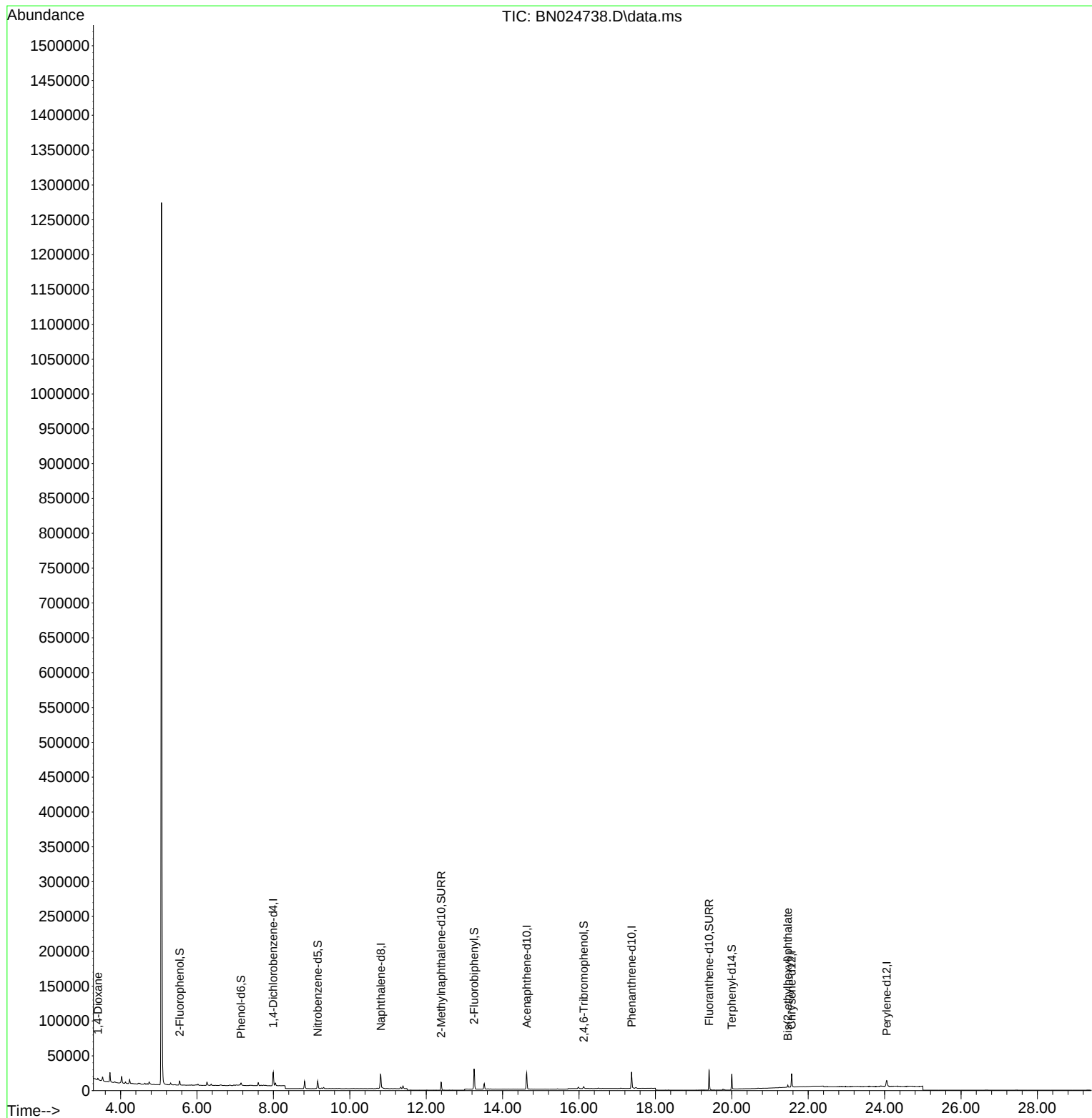
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.997  | 152  | 9490     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.813 | 136  | 27541    | 0.400 | ng    | # 0.01   |
| 13) Acenaphthene-d10          | 14.633 | 164  | 14381    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.376 | 188  | 30321    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.565 | 240  | 18593    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.053 | 264  | 14601    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.548  | 112  | 4371     | 0.202 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.152  | 99   | 3231     | 0.119 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.158  | 82   | 8696     | 0.405 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.391 | 152  | 15241    | 0.432 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.122 | 330  | 1685     | 0.272 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.253 | 172  | 24491    | 0.436 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.404 | 212  | 31295    | 0.487 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.998 | 244  | 33498    | 0.623 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.410  | 88   | 1397     | 0.143 | ng    | # 36     |
| 34) Bis(2-ethylhexyl)phtha... | 21.467 | 149  | 3147     | 0.118 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

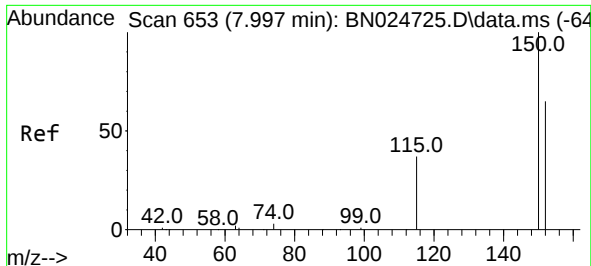
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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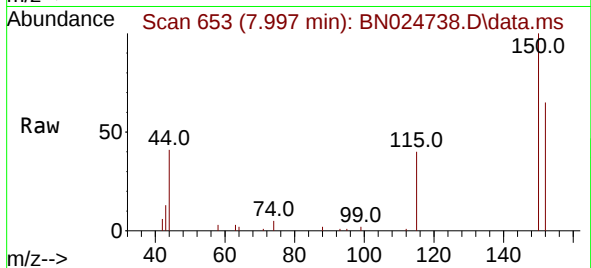
Quant Time: Apr 04 03:57:44 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN040323.M  
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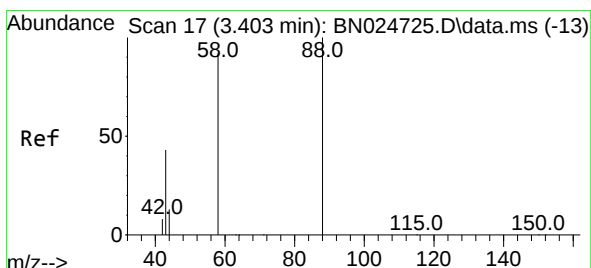
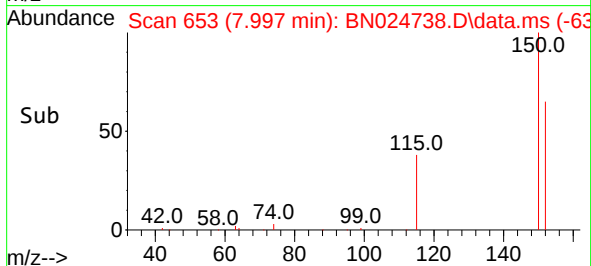
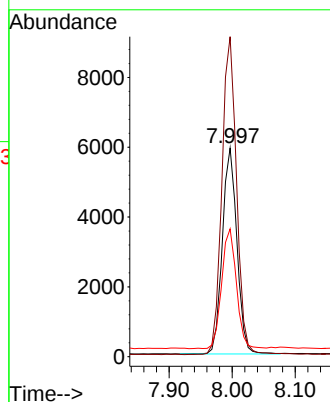


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.997 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN024738.D  
 Acq: 03 Apr 2023 20:24

Instrument :  
 BNA\_N  
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 EB-01-032323

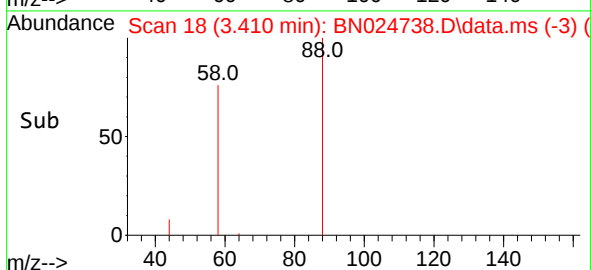
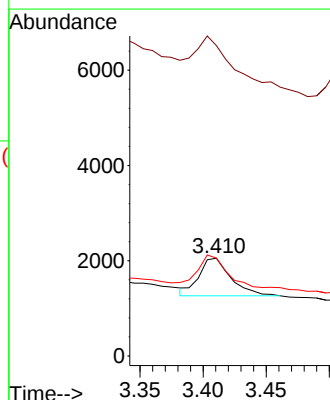
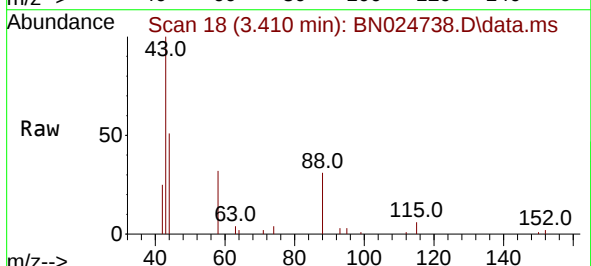


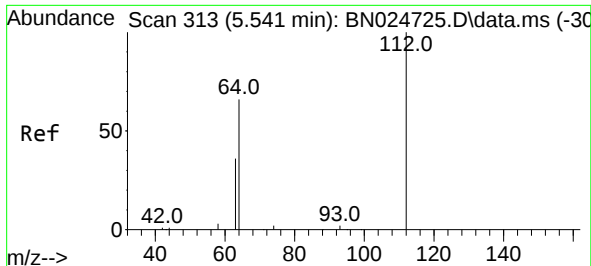
Tgt Ion:152 Resp: 9490  
 Ion Ratio Lower Upper  
 152 100  
 150 153.3 123.0 184.4  
 115 61.3 48.7 73.1



#2  
 1,4-Dioxane  
 Concen: 0.143 ng  
 RT: 3.410 min Scan# 18  
 Delta R.T. 0.007 min  
 Lab File: BN024738.D  
 Acq: 03 Apr 2023 20:24

Tgt Ion: 88 Resp: 1397  
 Ion Ratio Lower Upper  
 88 100  
 43 154.7 32.8 49.2#  
 58 80.2 73.0 109.6

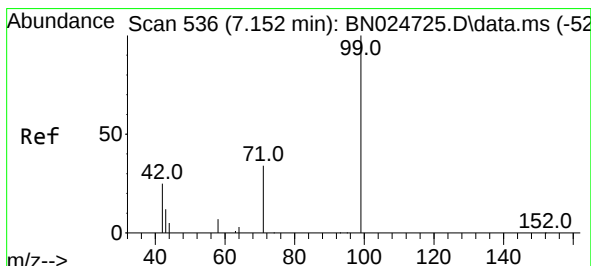
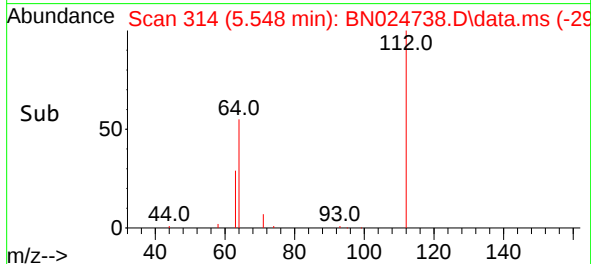
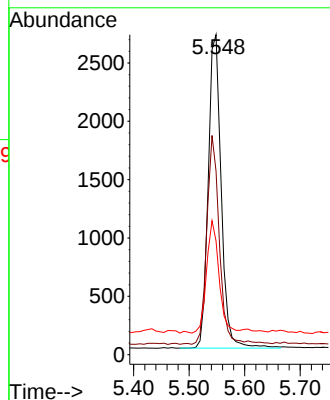
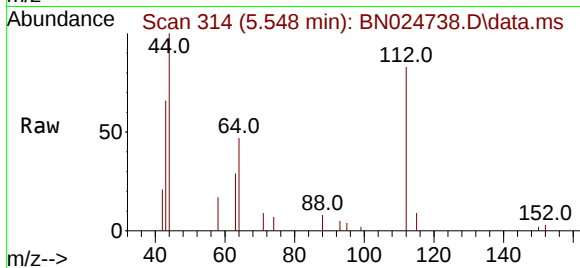




#4  
2-Fluorophenol  
Concen: 0.202 ng  
RT: 5.548 min Scan# 313  
Delta R.T. 0.007 min  
Lab File: BN024738.D  
Acq: 03 Apr 2023 20:24

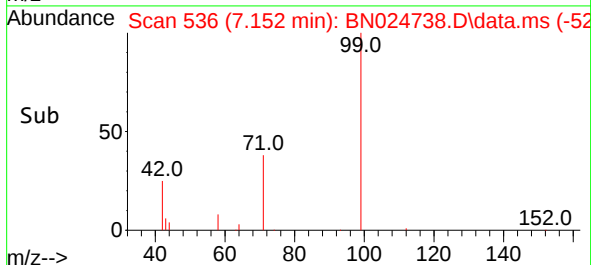
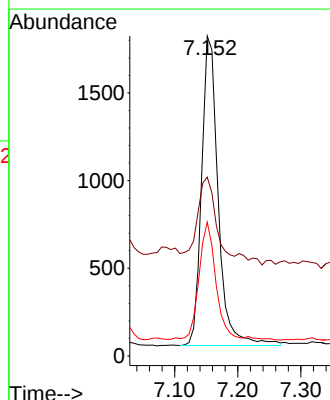
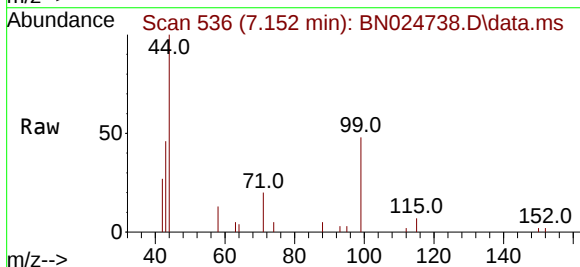
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ClientSampleId :  
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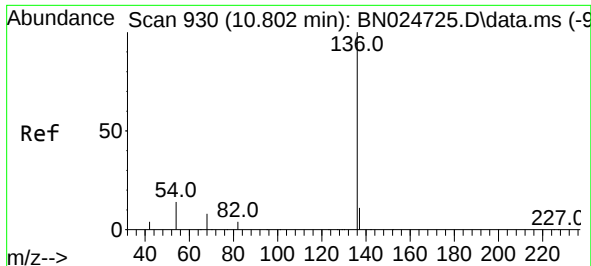
Tgt Ion:112 Resp: 4371  
Ion Ratio Lower Upper  
112 100  
64 63.2 52.1 78.1  
63 34.6 28.7 43.1



#5  
Phenol-d6  
Concen: 0.119 ng  
RT: 7.152 min Scan# 536  
Delta R.T. -0.000 min  
Lab File: BN024738.D  
Acq: 03 Apr 2023 20:24

Tgt Ion: 99 Resp: 3231  
Ion Ratio Lower Upper  
99 100  
42 36.5 23.7 35.5#  
71 37.9 28.2 42.4

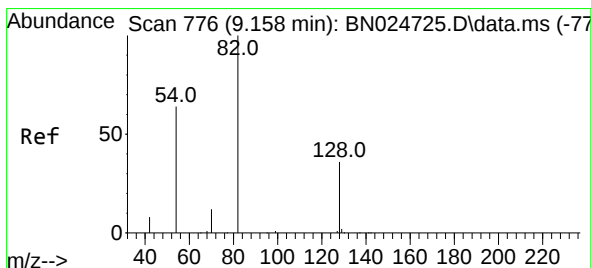
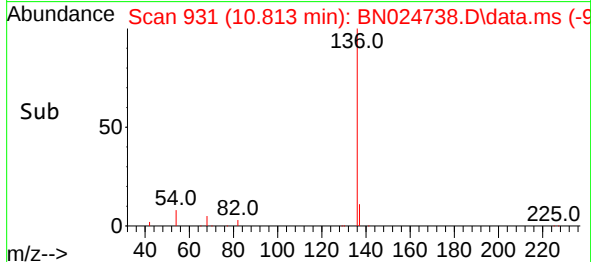
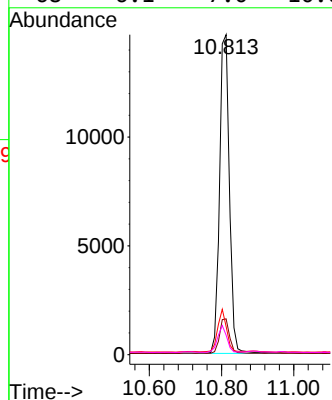
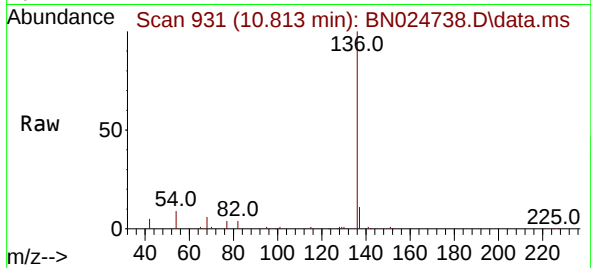




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.813 min Scan# 91  
Delta R.T. 0.011 min  
Lab File: BN024738.D  
Acq: 03 Apr 2023 20:24

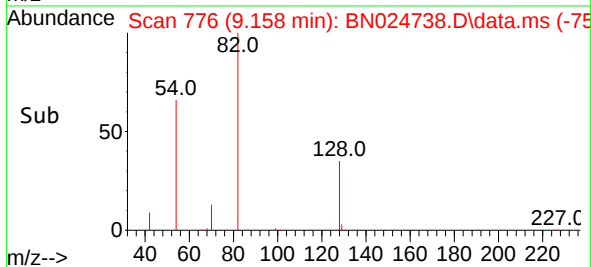
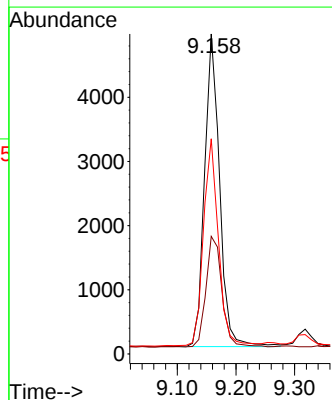
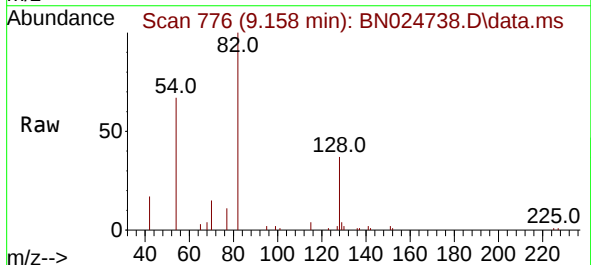
Instrument :  
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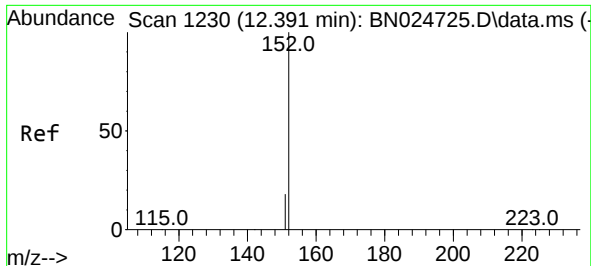
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 27541 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.2  | 9.0   | 13.6  |
| 54        | 8.8   | 11.4  | 17.0# |
| 68        | 6.1   | 7.0   | 10.6# |



#8  
Nitrobenzene-d5  
Concen: 0.405 ng  
RT: 9.158 min Scan# 776  
Delta R.T. -0.000 min  
Lab File: BN024738.D  
Acq: 03 Apr 2023 20:24

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 8696 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 36.8  | 29.4  | 44.2 |
| 54        | 67.2  | 51.3  | 76.9 |

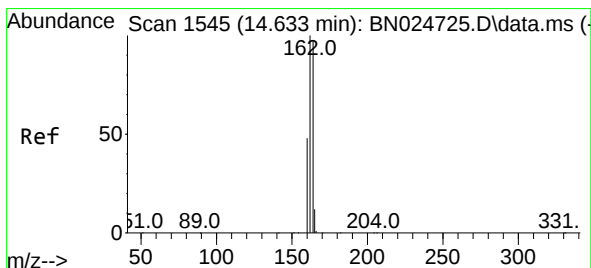
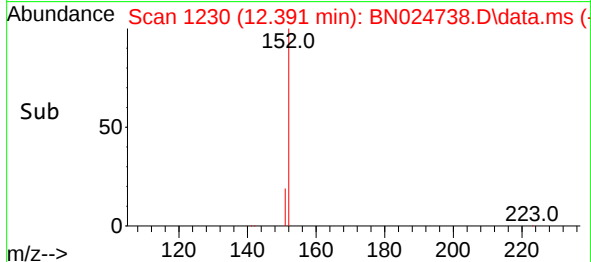
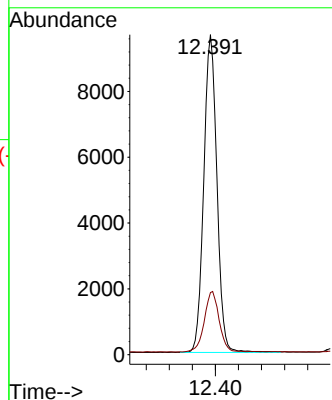
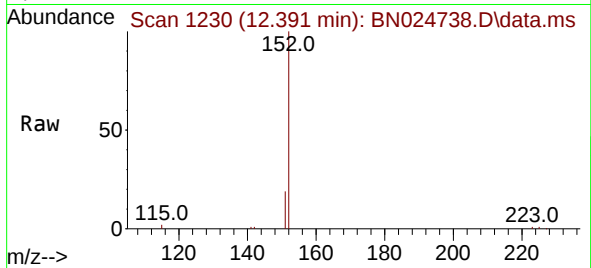




#11  
2-Methylnaphthalene-d10  
Concen: 0.432 ng  
RT: 12.391 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN024738.D  
Acq: 03 Apr 2023 20:24

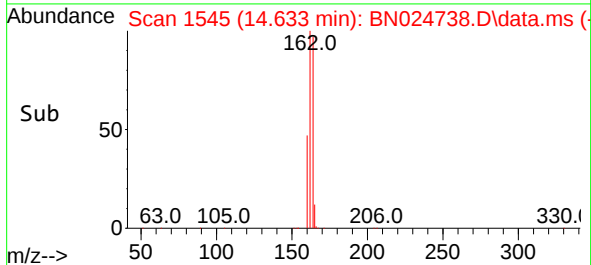
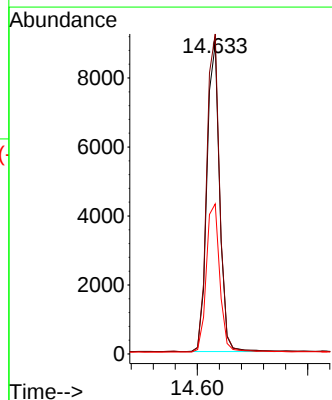
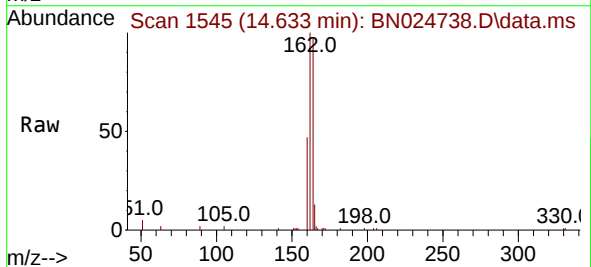
Instrument :  
BNA\_N  
ClientSampleId :  
EB-01-032323

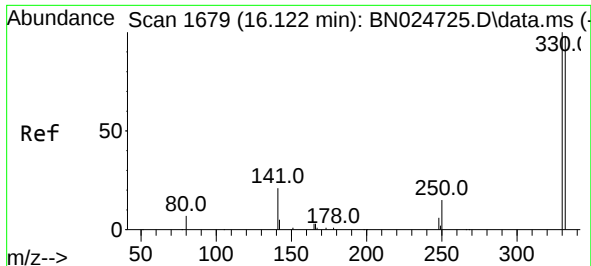
Tgt Ion:152 Resp: 15241  
Ion Ratio Lower Upper  
152 100  
151 21.4 16.6 25.0



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.633 min Scan# 1545  
Delta R.T. -0.000 min  
Lab File: BN024738.D  
Acq: 03 Apr 2023 20:24

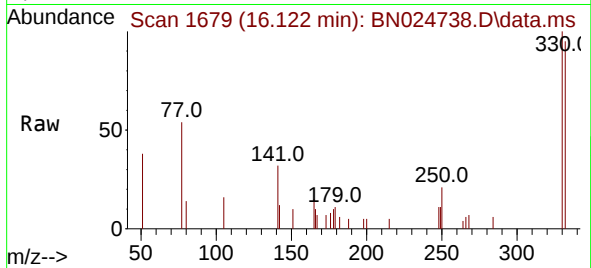
Tgt Ion:164 Resp: 14381  
Ion Ratio Lower Upper  
164 100  
162 103.3 82.2 123.4  
160 48.4 39.4 59.0



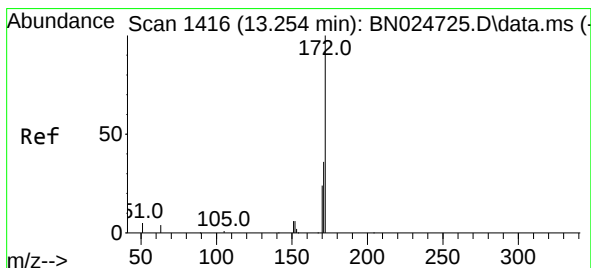
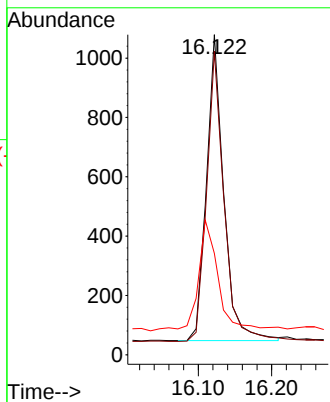
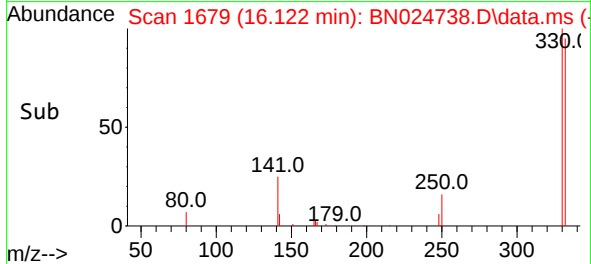


#14  
2,4,6-Tribromophenol  
Concen: 0.272 ng  
RT: 16.122 min Scan# 1679  
Delta R.T. -0.000 min  
Lab File: BN024738.D  
Acq: 03 Apr 2023 20:24

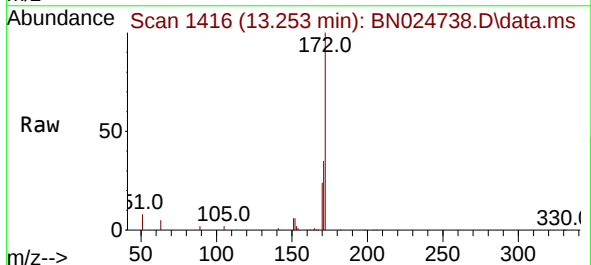
Instrument :  
BNA\_N  
ClientSampleId :  
EB-01-032323



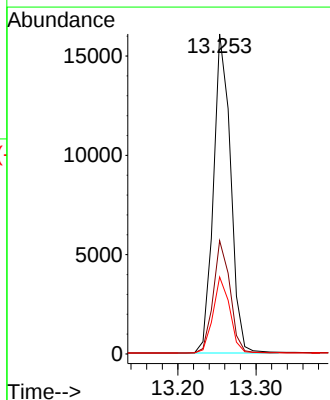
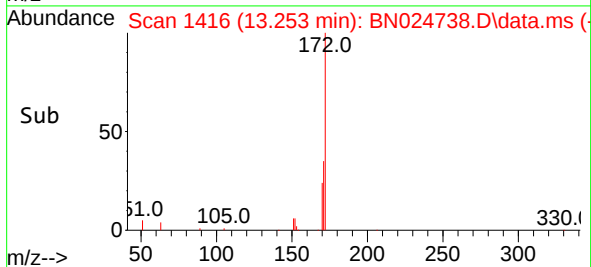
Tgt Ion:330 Resp: 1685  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.6 116.4  
141 38.3 29.6 44.4

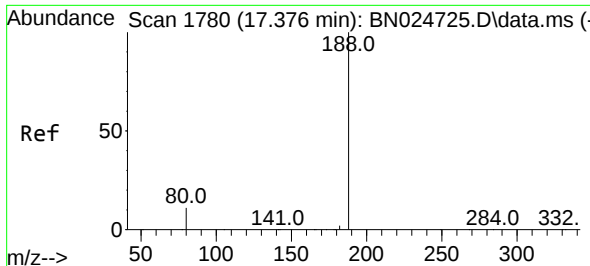


#15  
2-Fluorobiphenyl  
Concen: 0.436 ng  
RT: 13.253 min Scan# 1416  
Delta R.T. -0.000 min  
Lab File: BN024738.D  
Acq: 03 Apr 2023 20:24



Tgt Ion:172 Resp: 24491  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.8 43.2  
170 24.0 19.5 29.3

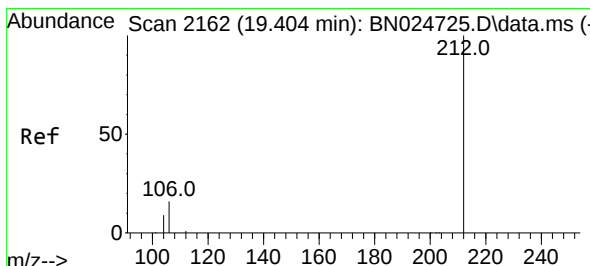
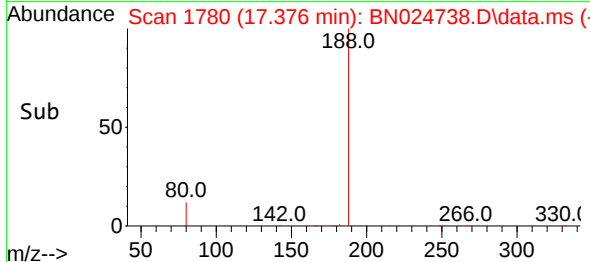
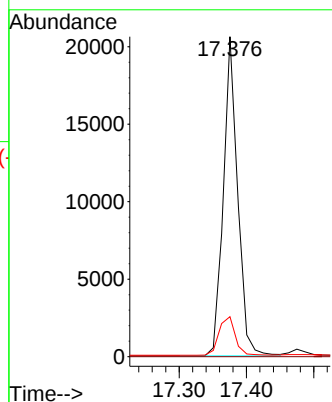
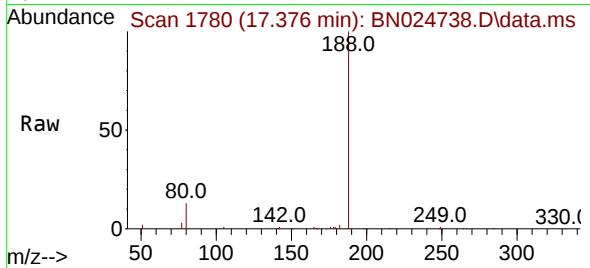




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.376 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN024738.D  
Acq: 03 Apr 2023 20:24

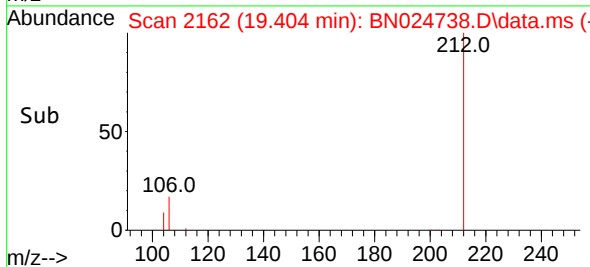
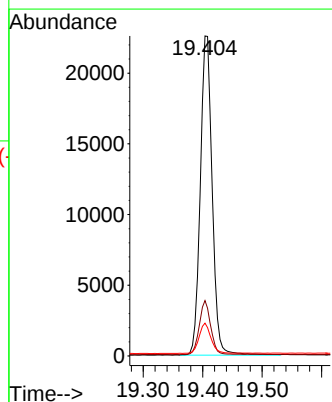
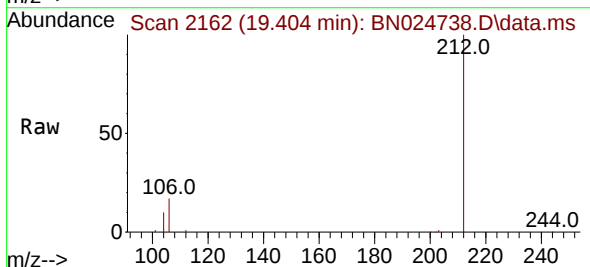
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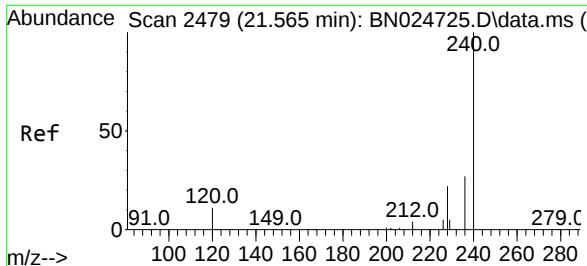
Tgt Ion:188 Resp: 30321  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.5 9.2 13.8



#27  
Fluoranthene-d10  
Concen: 0.487 ng  
RT: 19.404 min Scan# 2162  
Delta R.T. -0.000 min  
Lab File: BN024738.D  
Acq: 03 Apr 2023 20:24

Tgt Ion:212 Resp: 31295  
Ion Ratio Lower Upper  
212 100  
106 16.4 13.0 19.4  
104 9.3 7.4 11.0

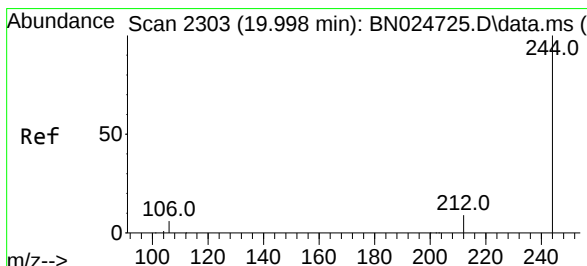
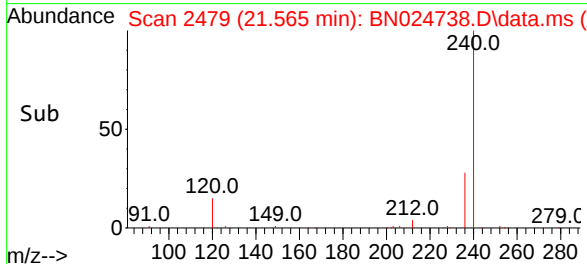
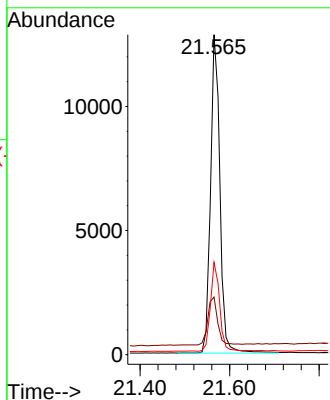
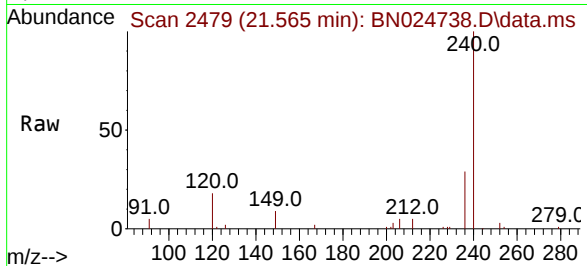




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.565 min Scan# 2479  
Delta R.T. -0.000 min  
Lab File: BN024738.D  
Acq: 03 Apr 2023 20:24

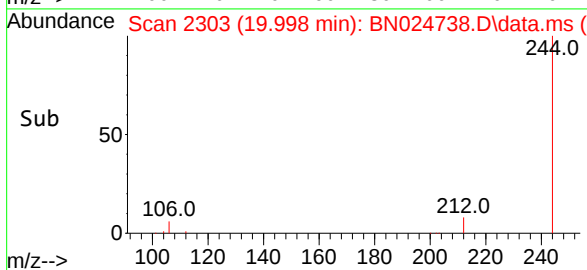
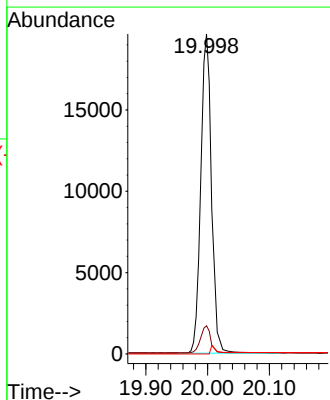
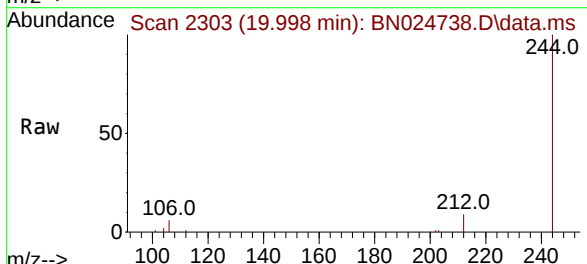
Instrument :  
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ClientSampleId :  
EB-01-032323

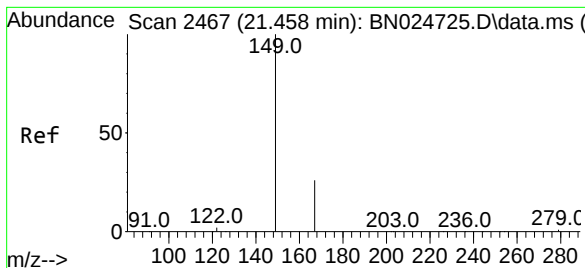
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Ion Ratio Lower Upper  
240 100  
120 18.0 10.6 16.0#  
236 28.9 22.3 33.5



#31  
Terphenyl-d14  
Concen: 0.623 ng  
RT: 19.998 min Scan# 2303  
Delta R.T. -0.000 min  
Lab File: BN024738.D  
Acq: 03 Apr 2023 20:24

Tgt Ion:244 Resp: 33498  
Ion Ratio Lower Upper  
244 100  
212 8.8 7.4 11.0  
122 0.0 0.0 0.0

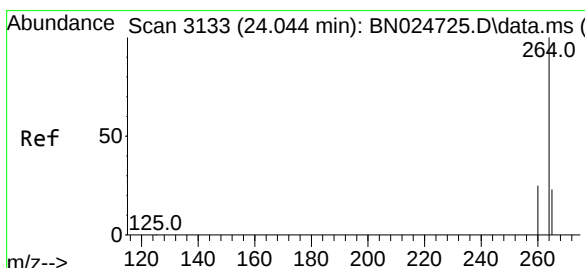
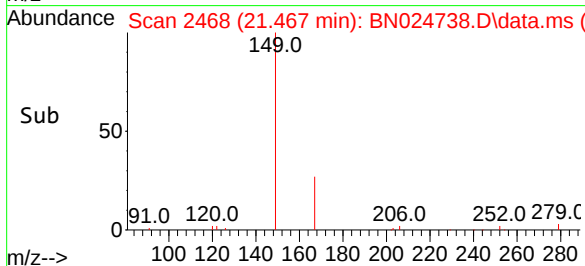
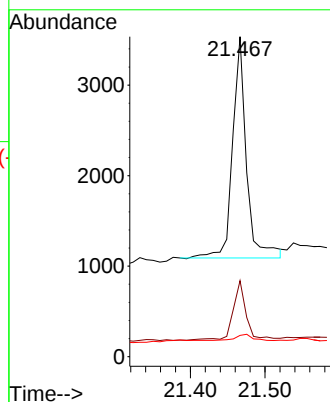
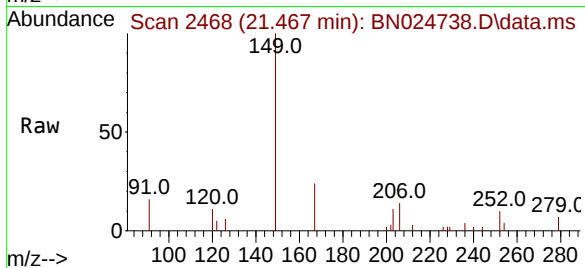




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.118 ng  
 RT: 21.467 min Scan# 2468  
 Delta R.T. 0.009 min  
 Lab File: BN024738.D  
 Acq: 03 Apr 2023 20:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EB-01-032323

Tgt Ion:149 Resp: 3147  
 Ion Ratio Lower Upper  
 149 100  
 167 25.9 21.0 31.6  
 279 3.2 2.8 4.2



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.053 min Scan# 3136  
 Delta R.T. 0.009 min  
 Lab File: BN024738.D  
 Acq: 03 Apr 2023 20:24

Tgt Ion:264 Resp: 14601  
 Ion Ratio Lower Upper  
 264 100  
 260 26.3 20.6 31.0  
 265 84.4 62.5 93.7

