

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032422\  
 Data File : BN019142.D  
 Acq On : 25 Mar 2022 00:44  
 Operator : CG/JU  
 Sample : N2075-11  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW179D1-20220322

Quant Time: Mar 25 04:30:18 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN031722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 17 13:18:23 2022  
 Response via : Initial Calibration

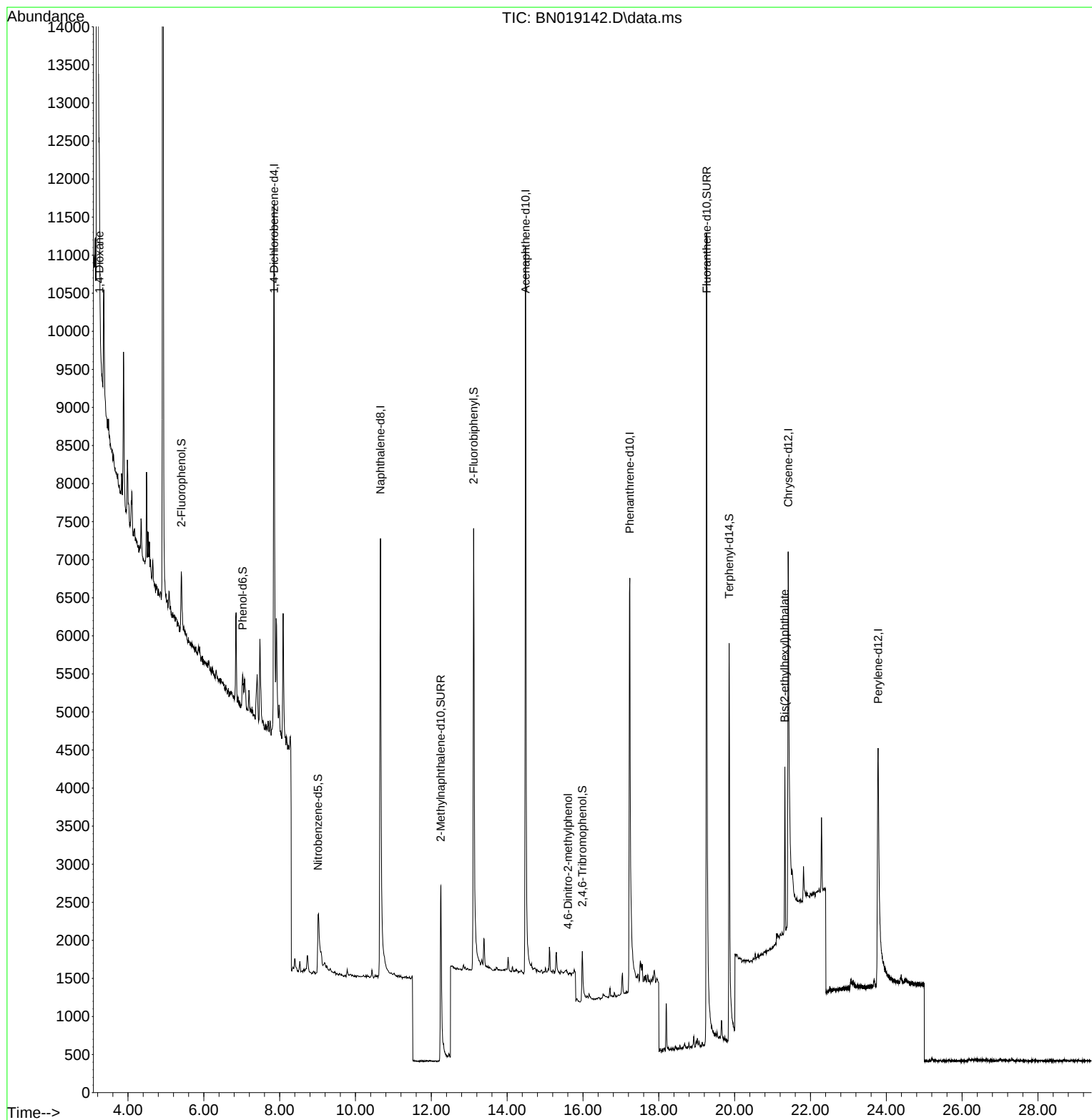
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.854  | 152  | 4173     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.658 | 136  | 10520    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.485 | 164  | 6341     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.236 | 188  | 12441    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.413 | 240  | 9815     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.785 | 264  | 7695     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.406  | 112  | 873      | 0.093 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.024  | 99   | 396      | 0.040 | ng    | 0.01     |
| 8) Nitrobenzene-d5            | 9.014  | 82   | 1516     | 0.200 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.250 | 152  | 4808     | 0.275 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.985 | 330  | 563      | 0.184 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.116 | 172  | 6664     | 0.262 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.261 | 212  | 16240    | 0.440 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.856 | 244  | 8811     | 0.365 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.247  | 88   | 911      | 0.177 | ng    | # 78     |
| 20) 4,6-Dinitro-2-methylph... | 15.607 | 198  | 3        | 0.111 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.324 | 149  | 1882     | 0.094 | ng    | # 98     |
| -----                         |        |      |          |       |       |          |

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

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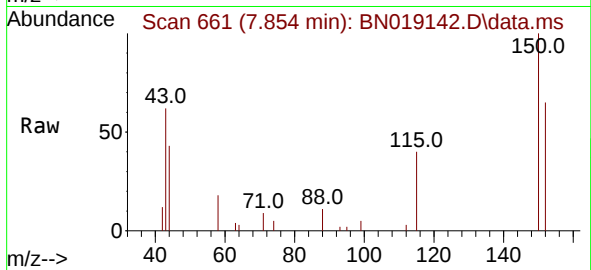
Quant Time: Mar 25 04:30:18 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN031722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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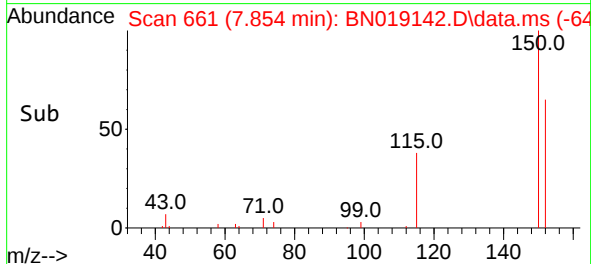
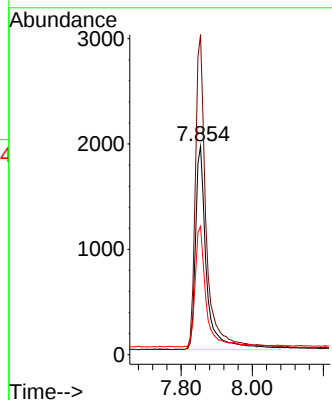
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.854 min Scan# 661  
 Delta R.T. 0.000 min  
 Lab File: BN019142.D  
 Acq: 25 Mar 2022 00:44

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW179D1-20220322



Tgt Ion:152 Resp: 4173

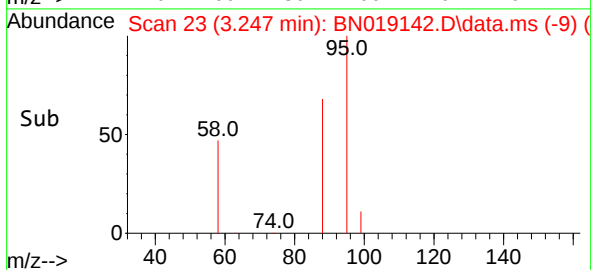
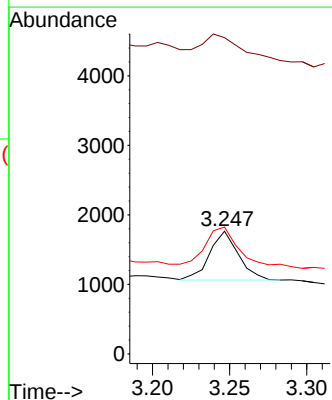
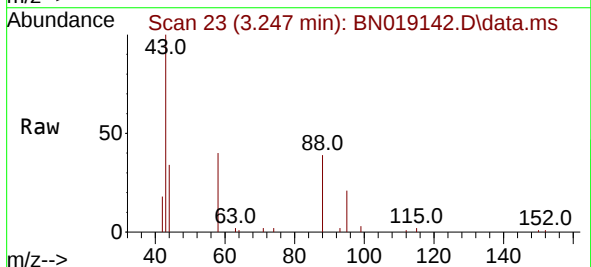
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 153.6 | 123.9 | 185.9 |
| 115 | 61.6  | 48.2  | 72.4  |



#2  
 1,4-Dioxane  
 Concen: 0.177 ng  
 RT: 3.247 min Scan# 23  
 Delta R.T. 0.000 min  
 Lab File: BN019142.D  
 Acq: 25 Mar 2022 00:44

Tgt Ion: 88 Resp: 911

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 75.1  | 24.6  | 37.0  |
| 58  | 81.8  | 65.4  | 98.2  |





#4

2-Fluorophenol

Concen: 0.093 ng

RT: 5.406 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN019142.D

Acq: 25 Mar 2022 00:44

Instrument :

BNA\_N

ClientSampleId :

MW179D1-20220322

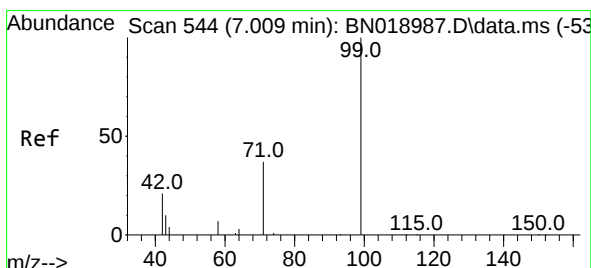
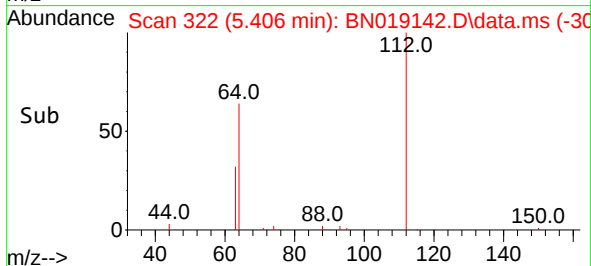
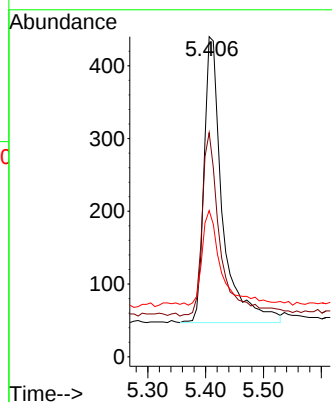
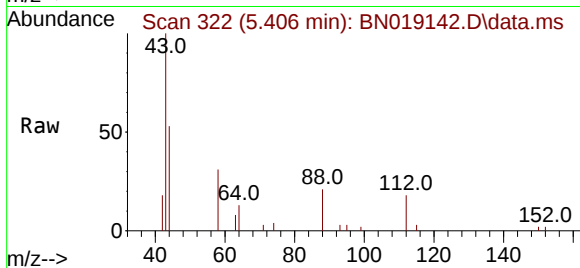
Tgt Ion:112 Resp: 873

Ion Ratio Lower Upper

112 100

64 63.9 47.8 71.8

63 34.0 25.7 38.5



#5

Phenol-d6

Concen: 0.040 ng

RT: 7.024 min Scan# 546

Delta R.T. 0.014 min

Lab File: BN019142.D

Acq: 25 Mar 2022 00:44

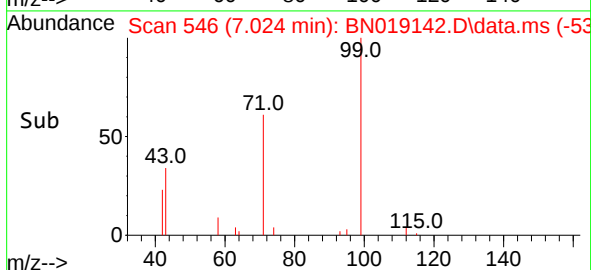
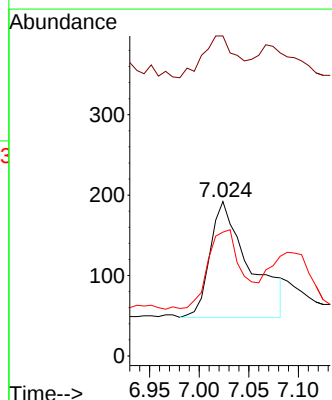
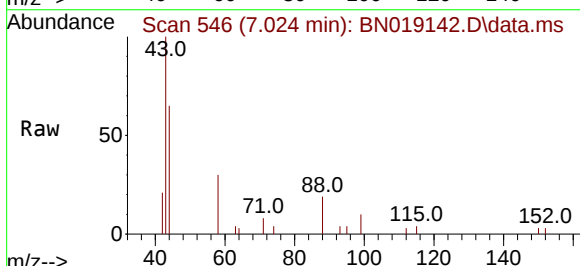
Tgt Ion: 99 Resp: 396

Ion Ratio Lower Upper

99 100

42 29.3 16.2 24.4#

71 60.6 27.7 41.5#

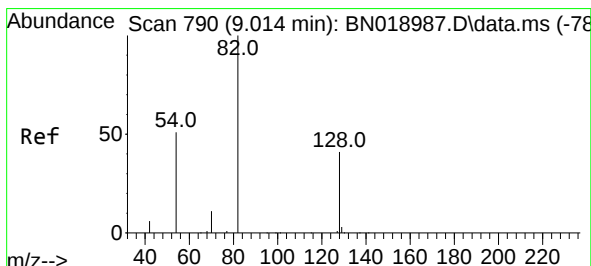
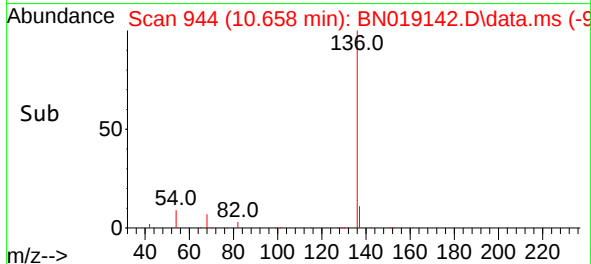
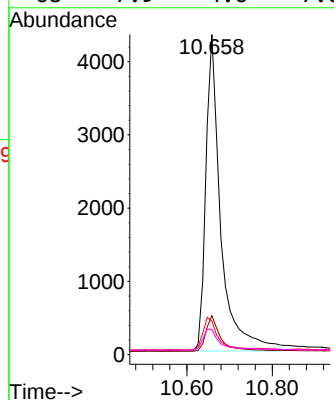
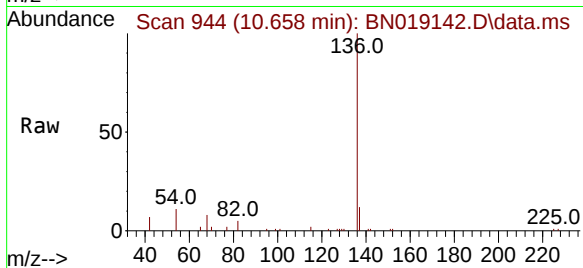




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.658 min Scan# 944  
Delta R.T. 0.000 min  
Lab File: BN019142.D  
Acq: 25 Mar 2022 00:44

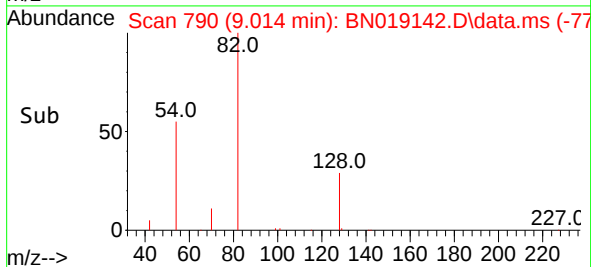
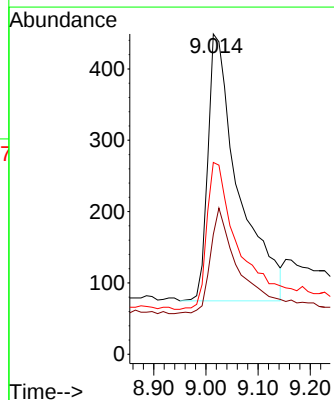
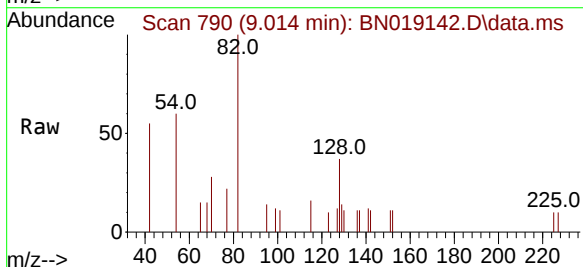
Instrument :  
BNA\_N  
ClientSampleId :  
MW179D1-20220322

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 10520 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 12.2  | 9.0   | 13.4  |
| 54        | 10.5  | 5.8   | 8.6#  |
| 68        | 7.9   | 4.6   | 7.0#  |



#8  
Nitrobenzene-d5  
Concen: 0.200 ng  
RT: 9.014 min Scan# 790  
Delta R.T. 0.000 min  
Lab File: BN019142.D  
Acq: 25 Mar 2022 00:44

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 1516 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 37.4  | 33.0  | 49.6 |
| 54        | 59.9  | 42.5  | 63.7 |

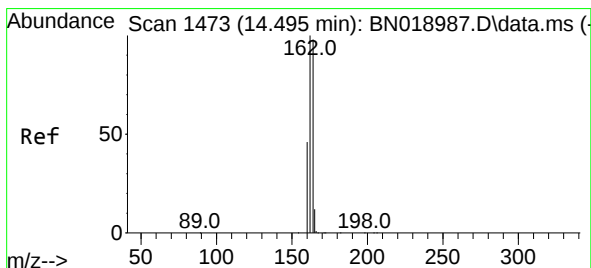
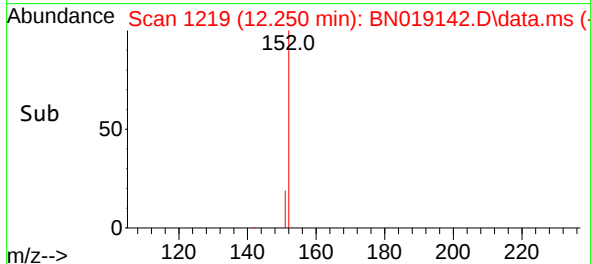
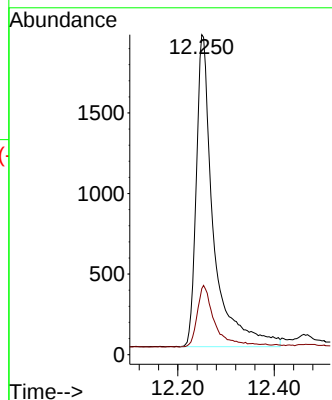
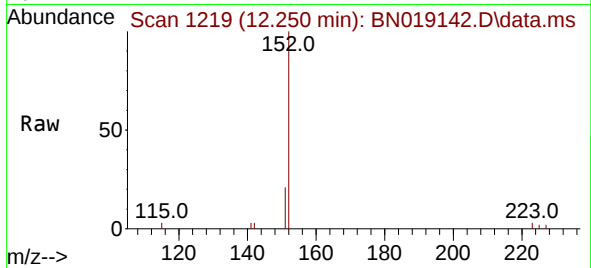




#11  
2-Methylnaphthalene-d10  
Concen: 0.275 ng  
RT: 12.250 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN019142.D  
Acq: 25 Mar 2022 00:44

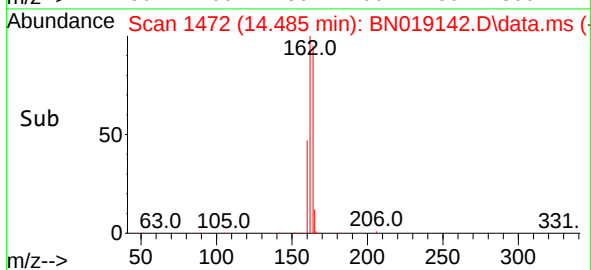
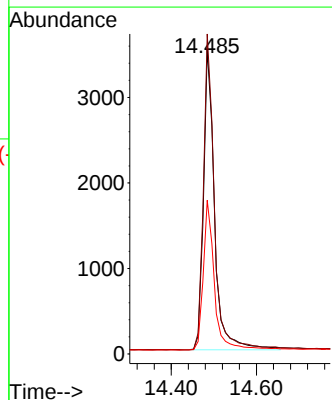
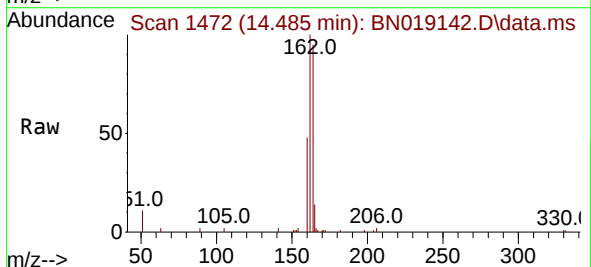
Instrument :  
BNA\_N  
ClientSampleId :  
MW179D1-20220322

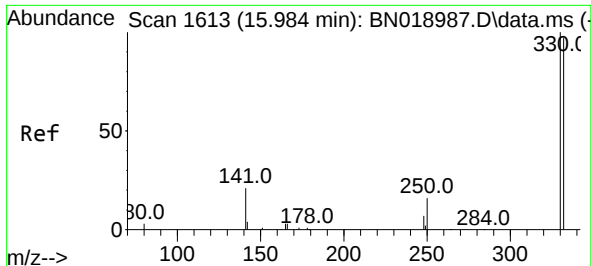
Tgt Ion:152 Resp: 4808  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.5 24.7



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.485 min Scan# 1472  
Delta R.T. -0.011 min  
Lab File: BN019142.D  
Acq: 25 Mar 2022 00:44

Tgt Ion:164 Resp: 6341  
Ion Ratio Lower Upper  
164 100  
162 105.2 85.2 127.8  
160 50.5 41.5 62.3

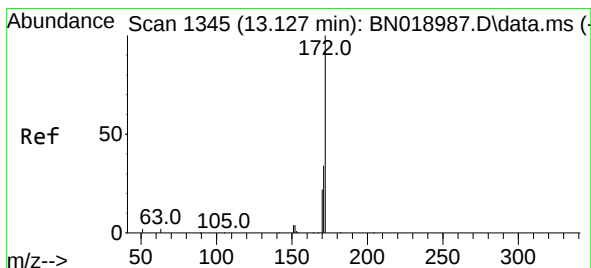
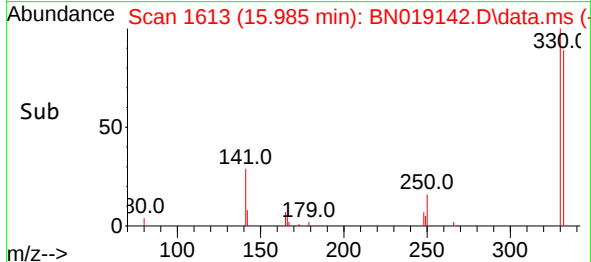
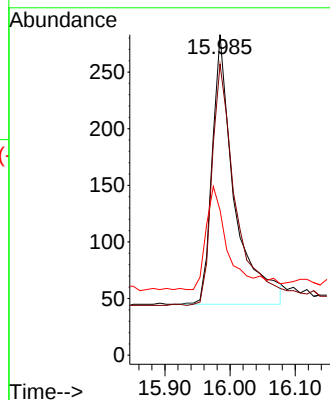
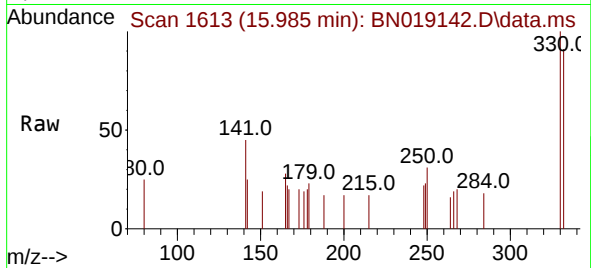




#14  
 2,4,6-Tribromophenol  
 Concen: 0.184 ng  
 RT: 15.985 min Scan# 1613  
 Delta R.T. 0.000 min  
 Lab File: BN019142.D  
 Acq: 25 Mar 2022 00:44

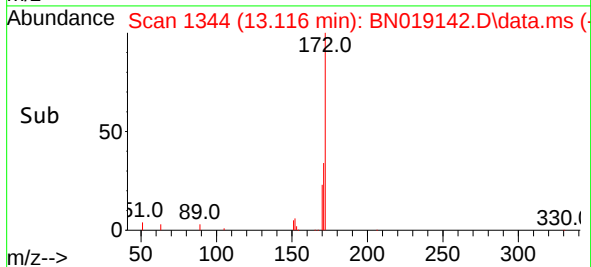
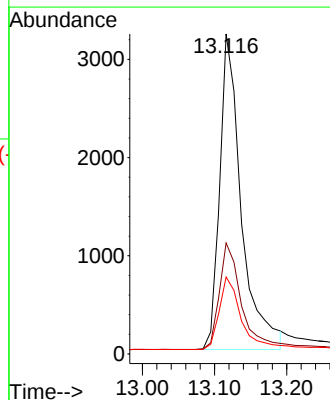
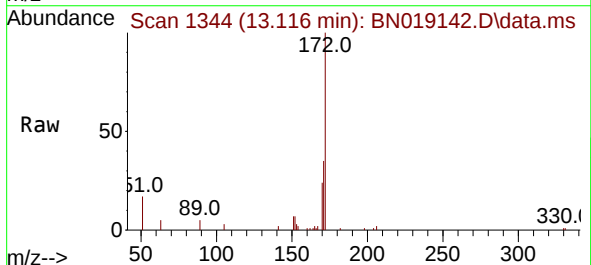
Instrument :  
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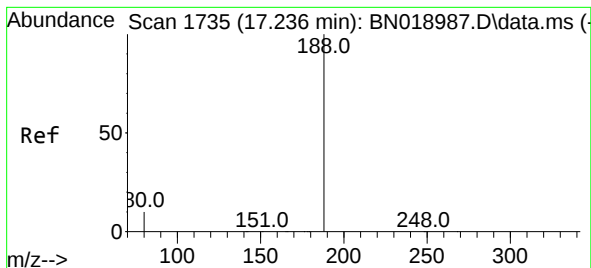
Tgt Ion: 330 Resp: 563  
 Ion Ratio Lower Upper  
 330 100  
 332 97.0 76.8 115.2  
 141 39.4 32.2 48.2



#15  
 2-Fluorobiphenyl  
 Concen: 0.262 ng  
 RT: 13.116 min Scan# 1344  
 Delta R.T. -0.011 min  
 Lab File: BN019142.D  
 Acq: 25 Mar 2022 00:44

Tgt Ion: 172 Resp: 6664  
 Ion Ratio Lower Upper  
 172 100  
 171 34.7 28.2 42.2  
 170 24.0 18.7 28.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.236 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN019142.D

Acq: 25 Mar 2022 00:44

Instrument :

BNA\_N

ClientSampleId :

MW179D1-20220322

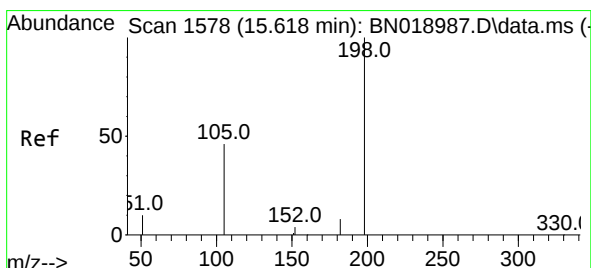
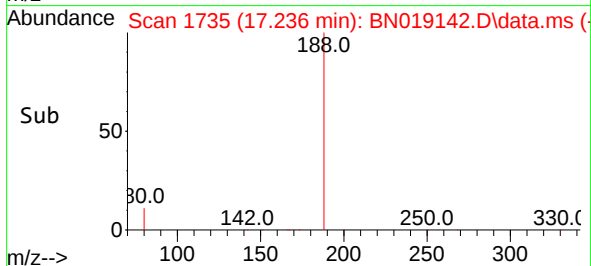
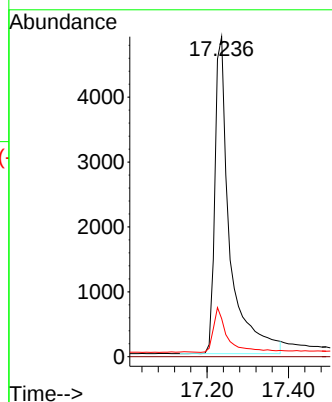
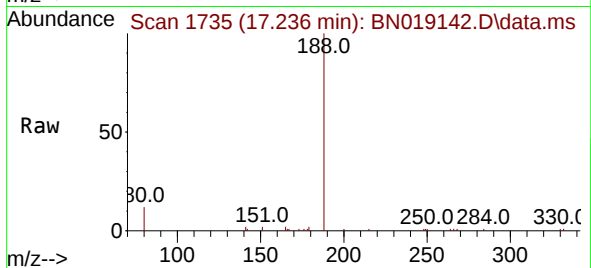
Tgt Ion:188 Resp: 12441

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 11.8 17.8



#20

4,6-Dinitro-2-methylphenol

Concen: 0.111 ng

RT: 15.607 min Scan# 1577

Delta R.T. -0.011 min

Lab File: BN019142.D

Acq: 25 Mar 2022 00:44

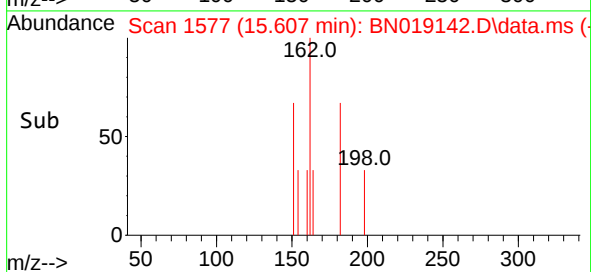
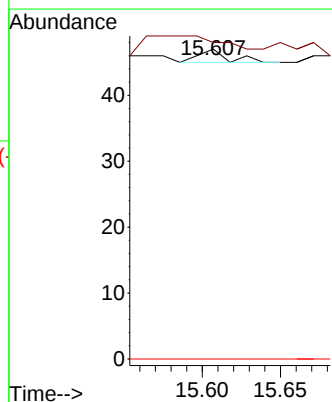
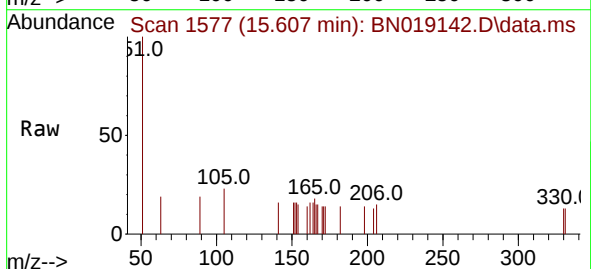
Tgt Ion:198 Resp: 3

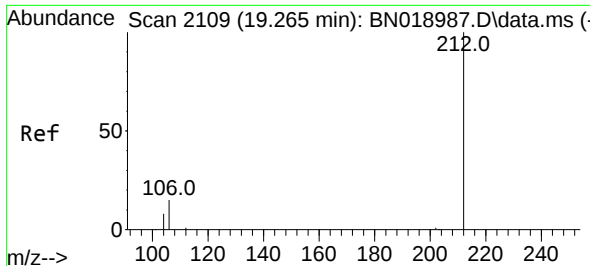
Ion Ratio Lower Upper

198 100

182 102.1 13.0 19.4#

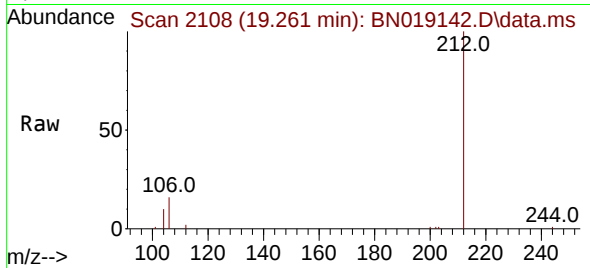
77 0.0 0.0 0.0



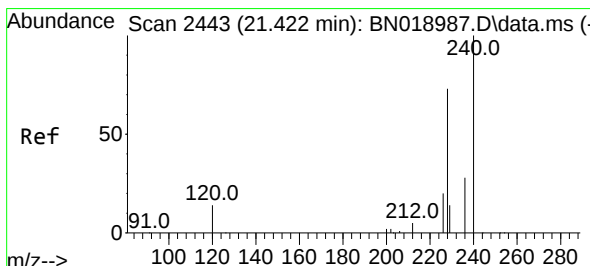
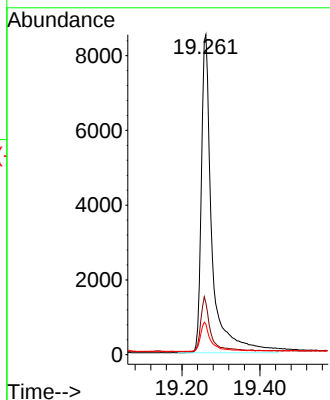
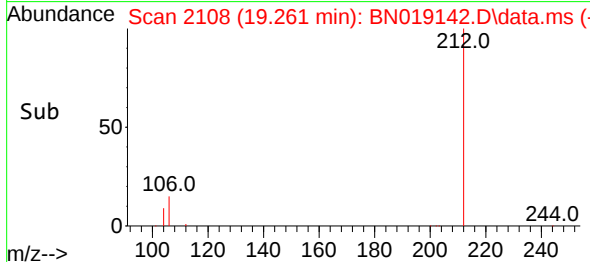


#27  
Fluoranthene-d10  
Concen: 0.440 ng  
RT: 19.261 min Scan# 2108  
Delta R.T. -0.004 min  
Lab File: BN019142.D  
Acq: 25 Mar 2022 00:44

Instrument :  
BNA\_N  
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MW179D1-20220322

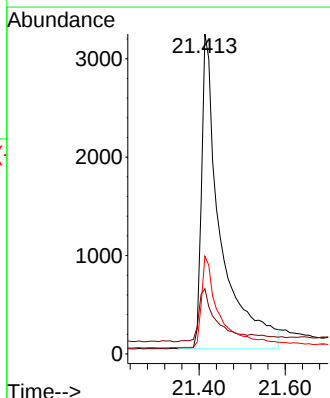
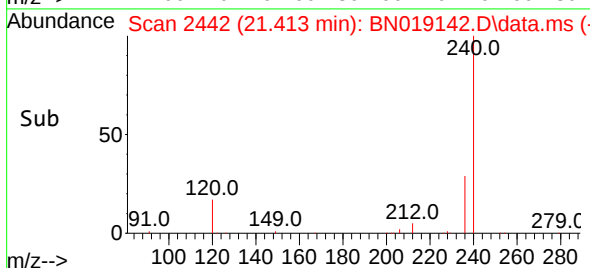
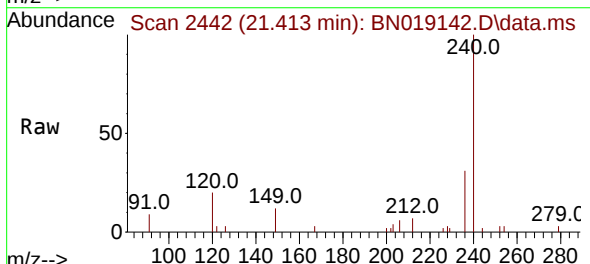


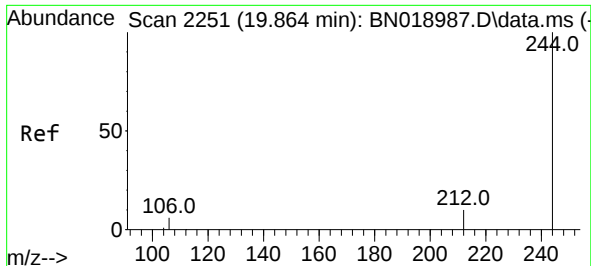
Tgt Ion:212 Resp: 16240  
Ion Ratio Lower Upper  
212 100  
106 16.0 12.7 19.1  
104 8.8 7.1 10.7



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.413 min Scan# 2442  
Delta R.T. -0.009 min  
Lab File: BN019142.D  
Acq: 25 Mar 2022 00:44

Tgt Ion:240 Resp: 9815  
Ion Ratio Lower Upper  
240 100  
120 20.4 8.5 12.7#  
236 30.5 22.4 33.6

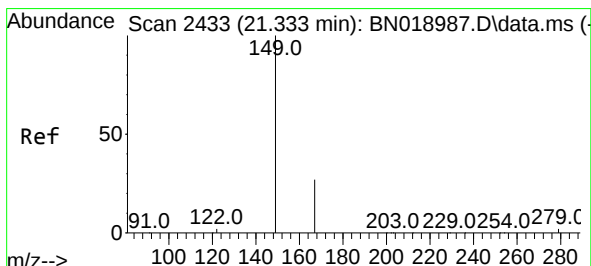
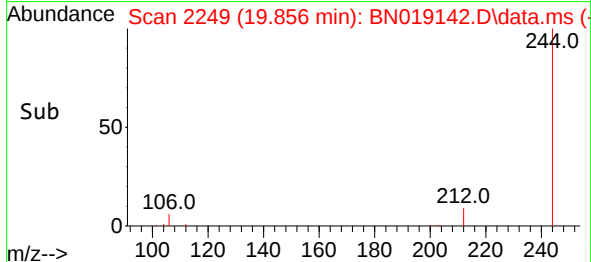
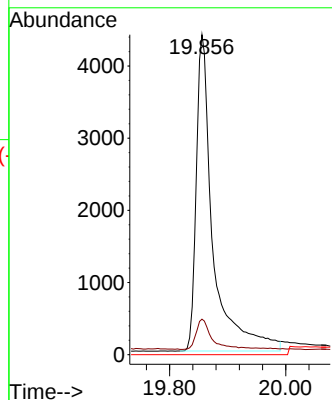
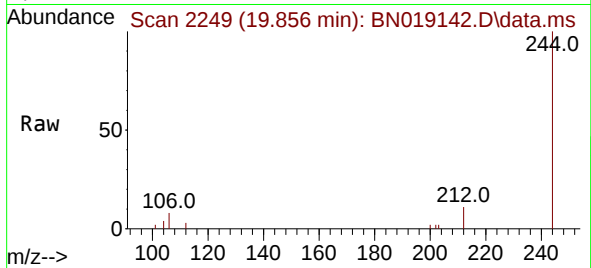




#31  
 Terphenyl-d14  
 Concen: 0.365 ng  
 RT: 19.856 min Scan# 21  
 Delta R.T. -0.008 min  
 Lab File: BN019142.D  
 Acq: 25 Mar 2022 00:44

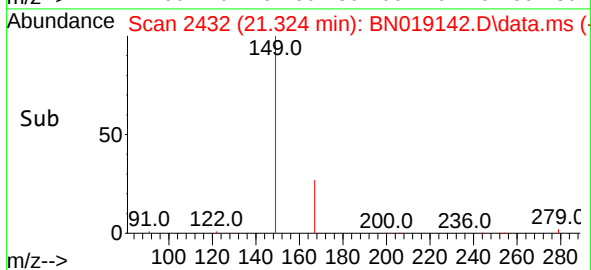
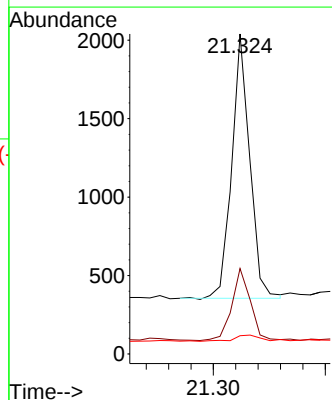
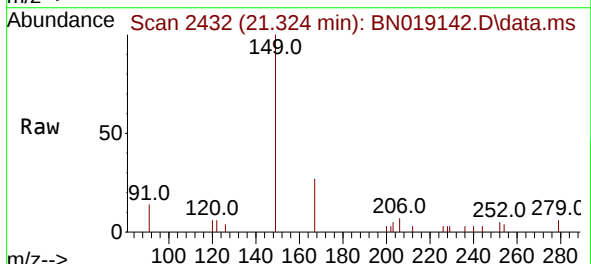
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW179D1-20220322

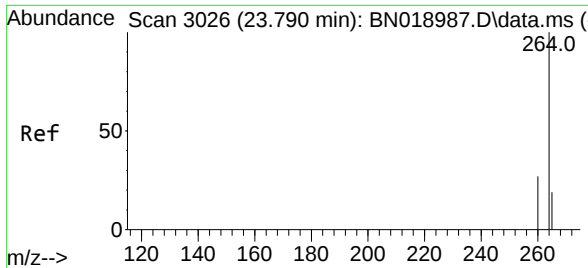
Tgt Ion:244 Resp: 8811  
 Ion Ratio Lower Upper  
 244 100  
 212 11.1 8.2 12.4  
 122 0.0 0.0 0.0



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.094 ng  
 RT: 21.324 min Scan# 2432  
 Delta R.T. -0.009 min  
 Lab File: BN019142.D  
 Acq: 25 Mar 2022 00:44

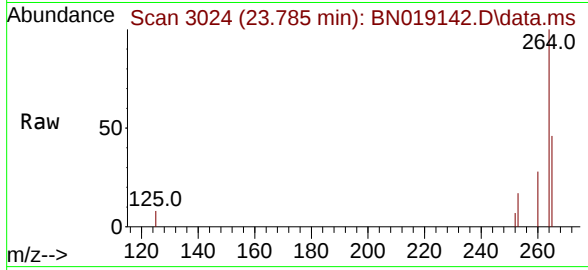
Tgt Ion:149 Resp: 1882  
 Ion Ratio Lower Upper  
 149 100  
 167 28.2 21.8 32.8  
 279 3.7 2.0 3.0#





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.785 min Scan# 30  
 Delta R.T. -0.006 min  
 Lab File: BN019142.D  
 Acq: 25 Mar 2022 00:44

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW179D1-20220322



Tgt Ion:264 Resp: 7695

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.7  | 22.4  | 33.6  |
| 265 | 46.3  | 25.3  | 37.9  |

