

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\  
 Data File : BN011022.D  
 Acq On : 23 Jun 2020 04:40  
 Operator : CG/JU  
 Sample : L3043-16DL 2X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW201D-20200613DL

Quant Time: Jun 23 05:35:03 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 22 12:02:11 2020  
 Response via : Initial Calibration

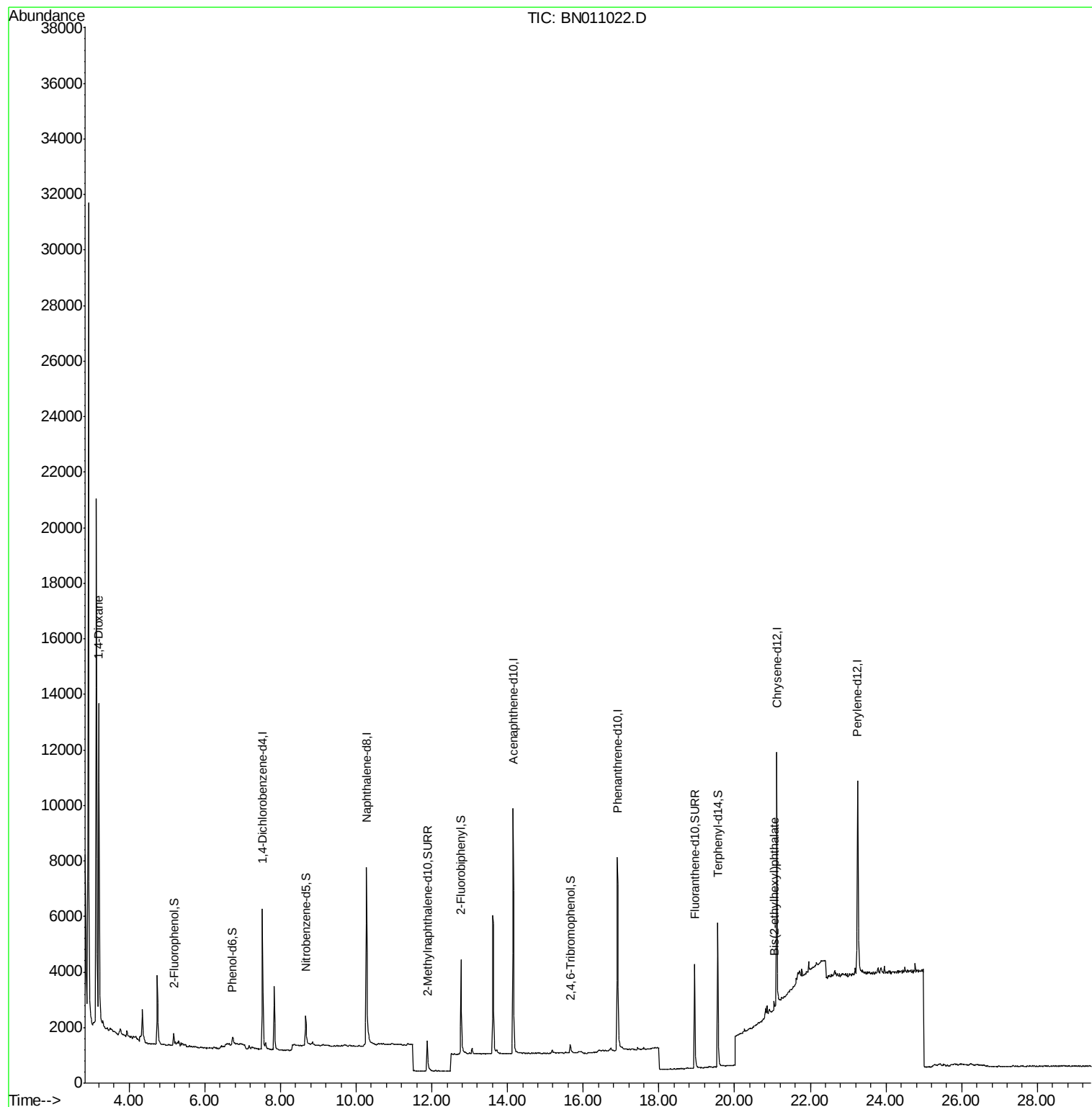
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.52  | 152  | 2670     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.28 | 136  | 10517    | 0.40  | ng    | 0.00     |
| 13) Acenaphthene-d10           | 14.15 | 164  | 5269     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 16.90 | 188  | 12270    | 0.40  | ng    | -0.01    |
| 27) Chrysene-d12               | 21.11 | 240  | 9478     | 0.40  | ng    | -0.01    |
| 34) Perylene-d12               | 23.25 | 264  | 9793     | 0.40  | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.18  | 112  | 454      | 0.09  | ng    | 0.00     |
| 5) Phenol-d6                   | 6.73  | 99   | 363      | 0.06  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 8.67  | 82   | 1382     | 0.18  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 11.88 | 152  | 2052     | 0.13  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 15.66 | 330  | 314      | 0.17  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 12.78 | 172  | 4053     | 0.19  | ng    | 0.00     |
| 25) Fluoranthene-d10           | 18.94 | 212  | 5129     | 0.15  | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.55 | 244  | 5794     | 0.26  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       |          |
| 2) 1,4-Dioxane                 | 3.20  | 88   | 8942     | 3.419 | ng    | 99       |
| 32) Bis(2-ethylhexyl)phthalate | 21.05 | 149  | 373      | 0.040 | ng    | # 92     |

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration



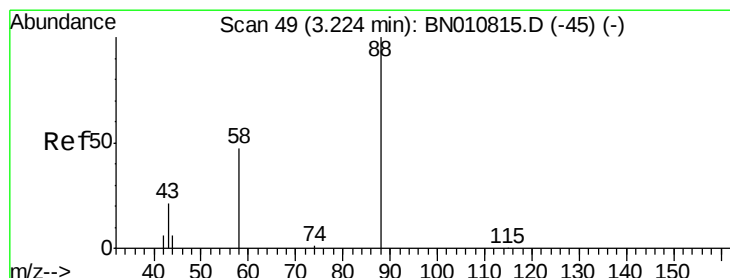
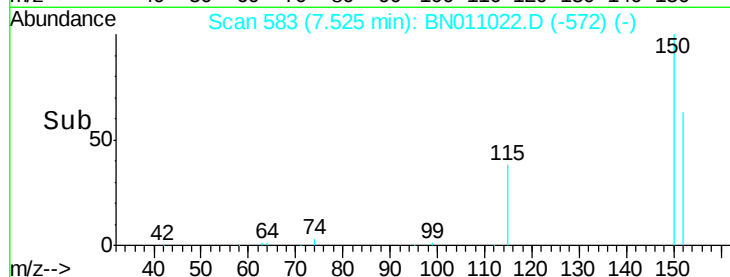
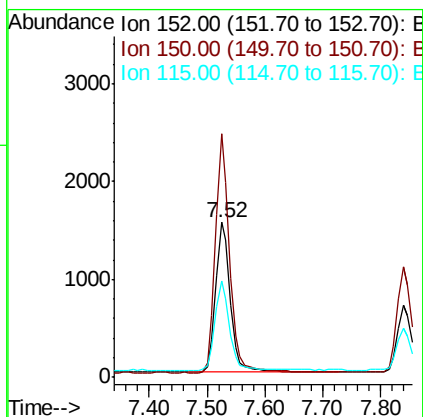
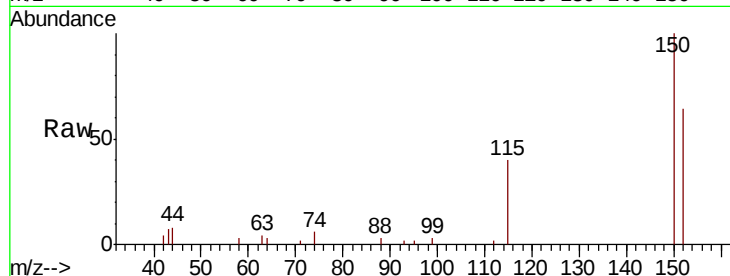


#1

1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.52 min Scan# 583  
Delta R.T. -0.01 min  
Lab File: BN011022.D  
Acq: 23 Jun 2020 04:40

Instrument :  
BNA\_N  
ClientSampleId :  
MW201D-20200613DL

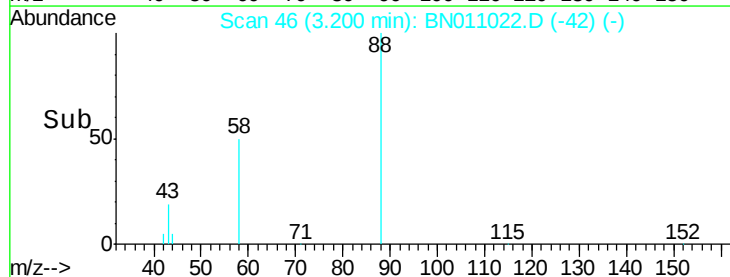
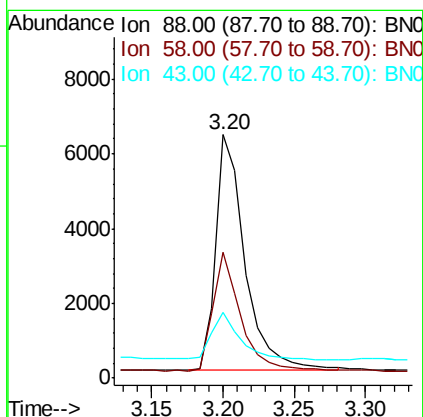
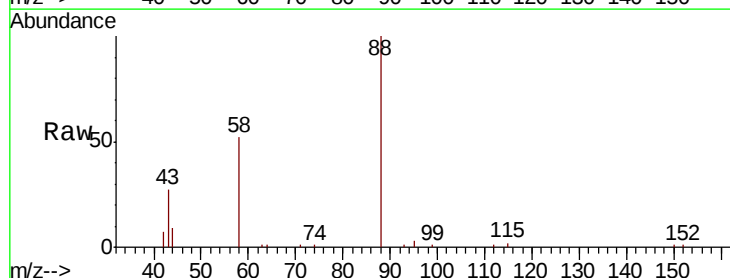
Tot Ion:152 Resp: 2670  
Ion Ratio Lower Upper  
152 100  
150 157.4 123.8 185.6  
115 62.4 49.2 73.8



#2

1,4-Dioxane  
Concen: 3.419 ng  
RT: 3.20 min Scan# 46  
Delta R.T. -0.02 min  
Lab File: BN011022.D  
Acq: 23 Jun 2020 04:40

Tgt Ion: 88 Resp: 8942  
Ion Ratio Lower Upper  
88 100  
58 47.7 38.2 57.4  
43 20.4 15.1 22.7





#4

2-Fluorophenol

Concen: 0.088 ng

RT: 5.18 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011022.D

Acq: 23 Jun 2020 04:40

Instrument :

BNA\_N

ClientSampleId :

MW201D-20200613DL

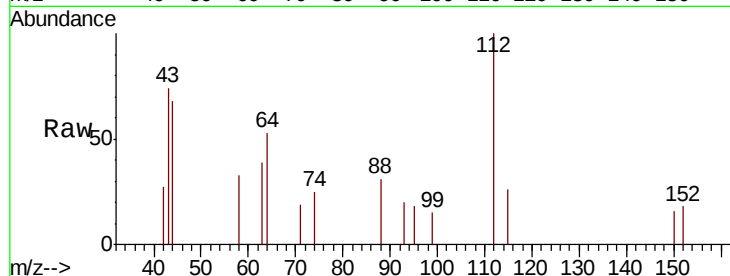
Tot Ion: 112 Resp: 454

Ion Ratio Lower Upper

112 100

64 49.1 37.4 56.0

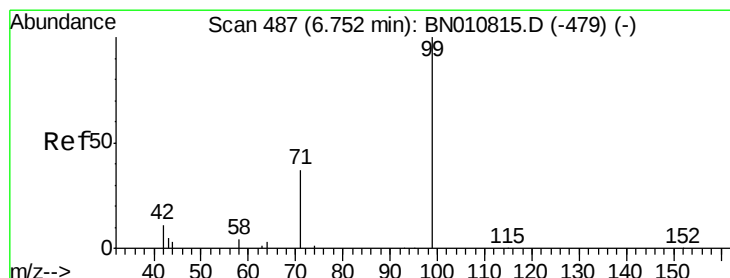
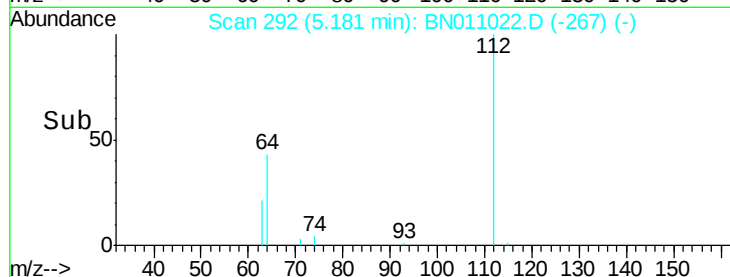
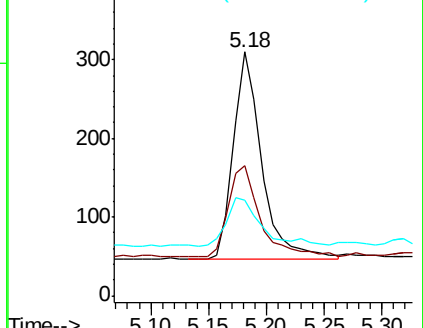
63 28.2 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.060 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.00 min

Lab File: BN011022.D

Acq: 23 Jun 2020 04:40

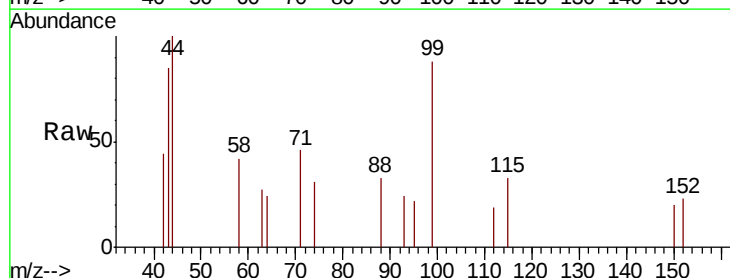
Tgt Ion: 99 Resp: 363

Ion Ratio Lower Upper

99 100

42 14.3 11.1 16.7

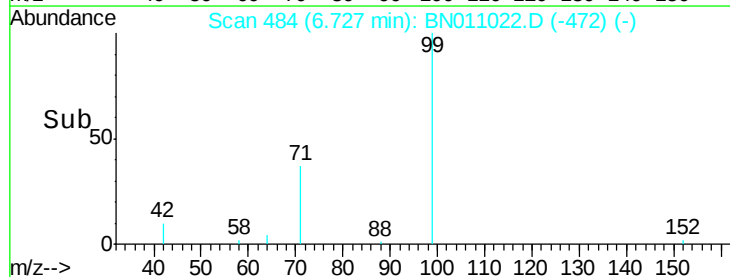
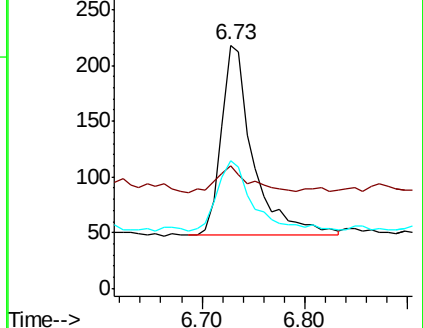
71 41.0 31.4 47.2

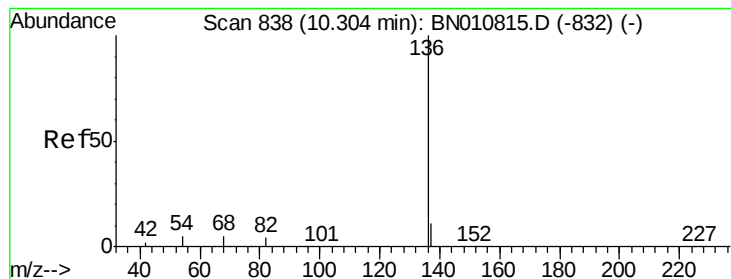


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011022.D

Acq: 23 Jun 2020 04:40

Instrument :

BNA\_N

ClientSampleId :

MW201D-20200613DL

Tot Ion:136 Resp: 10517

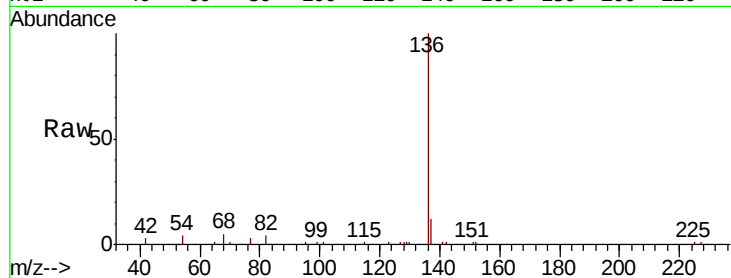
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 4.3 4.9 7.3#

68 4.9 4.7 7.1

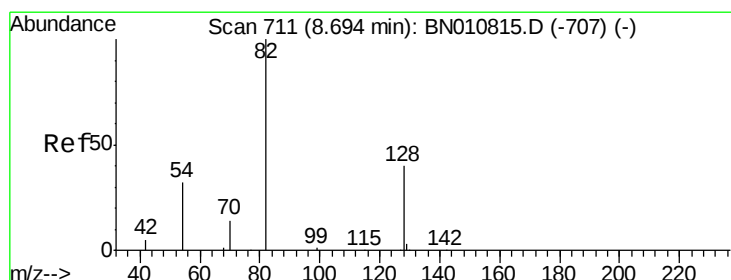
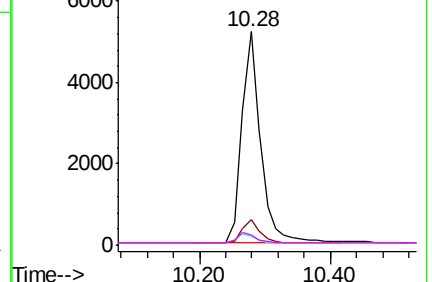
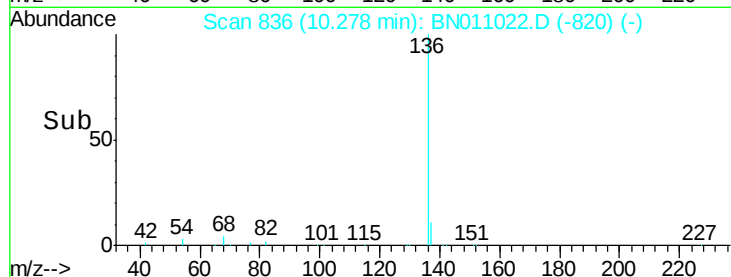


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.178 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN011022.D

Acq: 23 Jun 2020 04:40

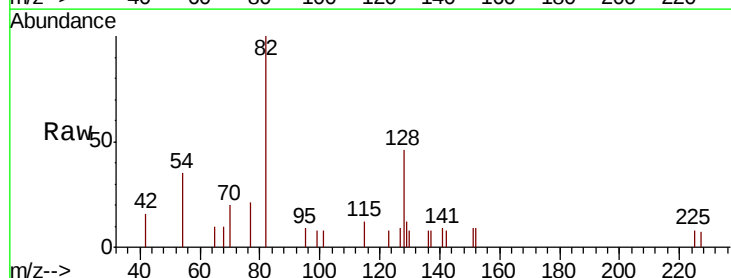
Tgt Ion: 82 Resp: 1382

Ion Ratio Lower Upper

82 100

128 46.2 35.4 53.0

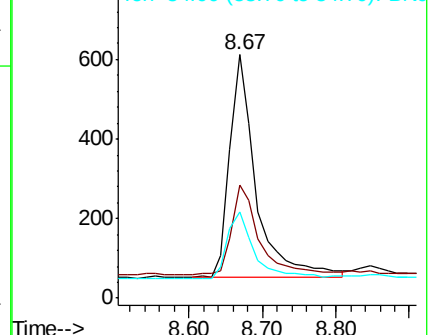
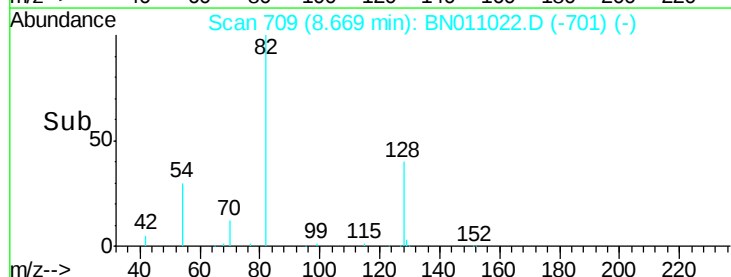
54 35.3 28.2 42.4

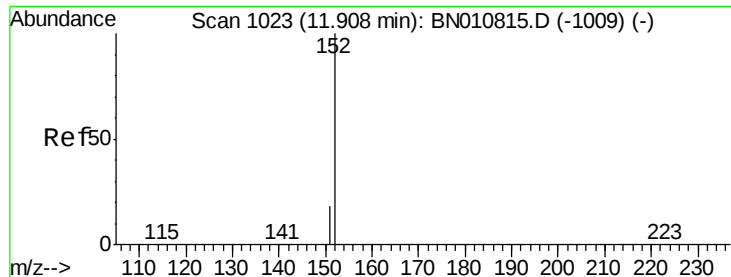


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

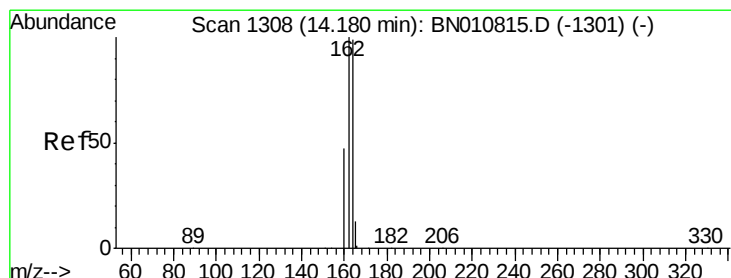
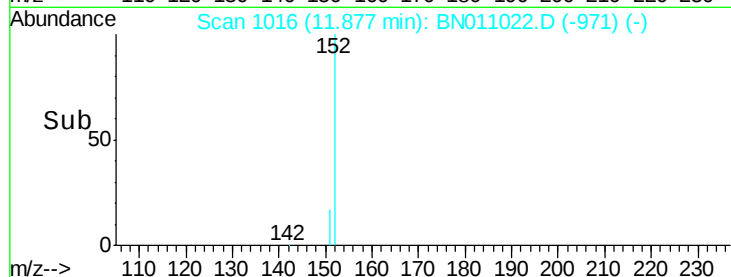
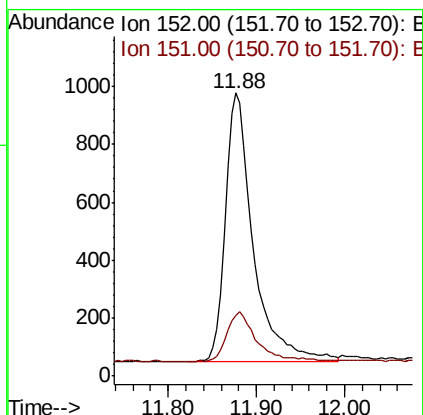
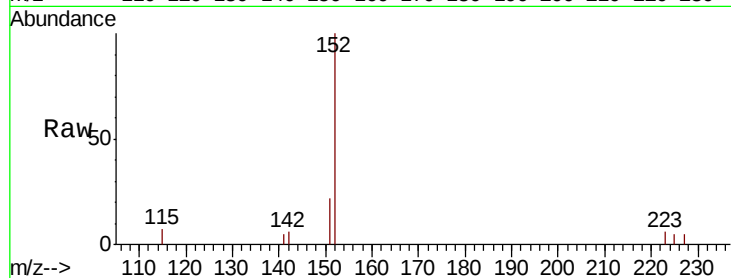




#11  
2-Methylnaphthalene-d10  
Concen: 0.126 ng  
RT: 11.88 min Scan# 1016  
Delta R.T. 0.00 min  
Lab File: BN011022.D  
Acq: 23 Jun 2020 04:40

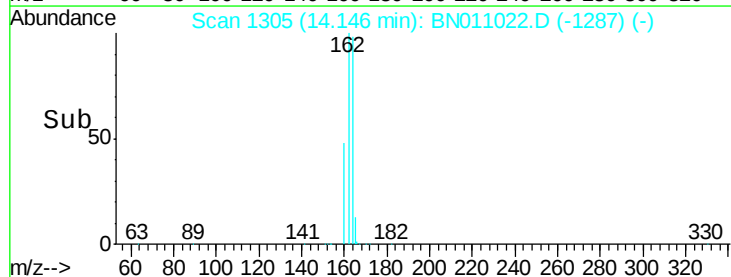
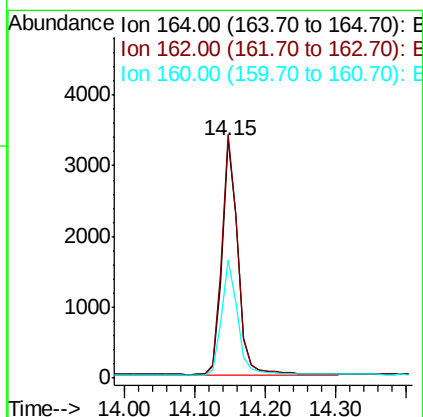
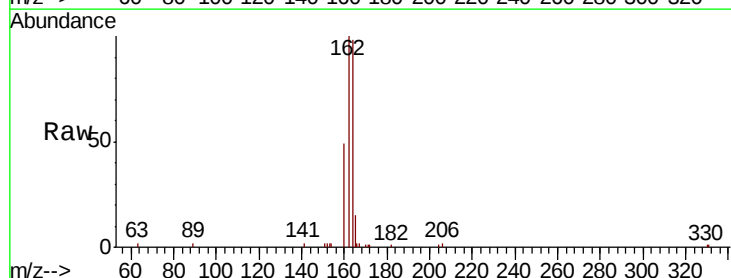
Instrument :  
BNA\_N  
ClientSampleId :  
MW201D-20200613DL

Tot Ion:152 Resp: 2052  
Ion Ratio Lower Upper  
152 100  
151 20.5 15.3 22.9



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.15 min Scan# 1305  
Delta R.T. 0.00 min  
Lab File: BN011022.D  
Acq: 23 Jun 2020 04:40

Tgt Ion:164 Resp: 5269  
Ion Ratio Lower Upper  
164 100  
162 102.1 81.0 121.6  
160 49.7 38.9 58.3

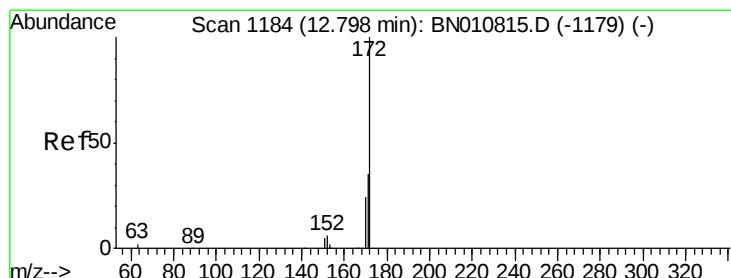
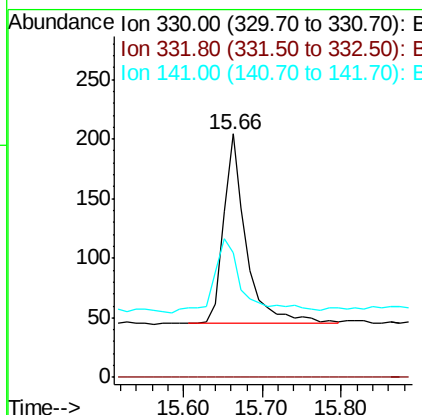
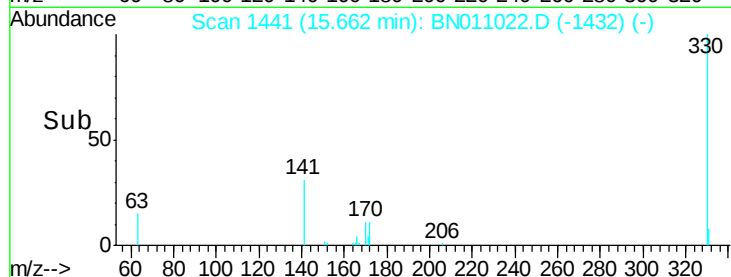
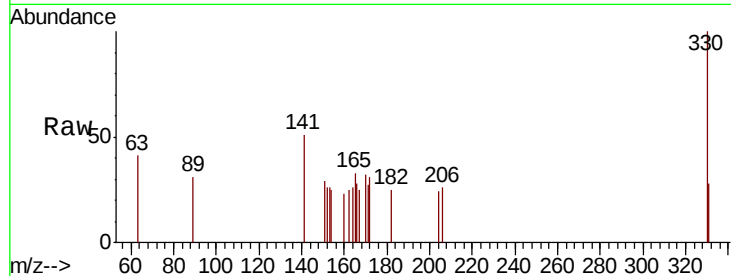




#14  
2,4,6-Tribromophenol  
Concen: 0.167 ng  
RT: 15.66 min Scan# 1441  
Delta R.T. 0.00 min  
Lab File: BN011022.D  
Acq: 23 Jun 2020 04:40

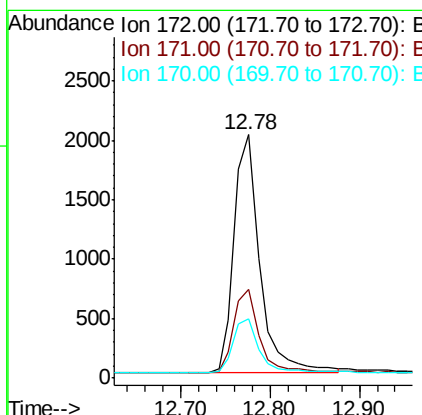
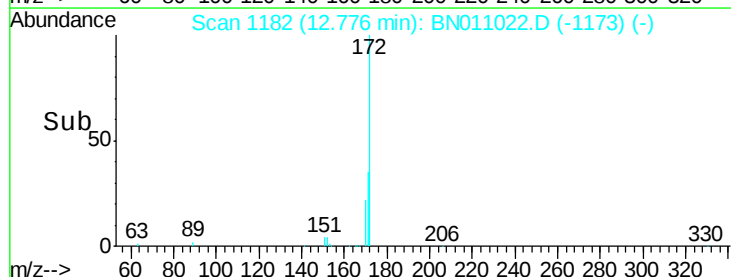
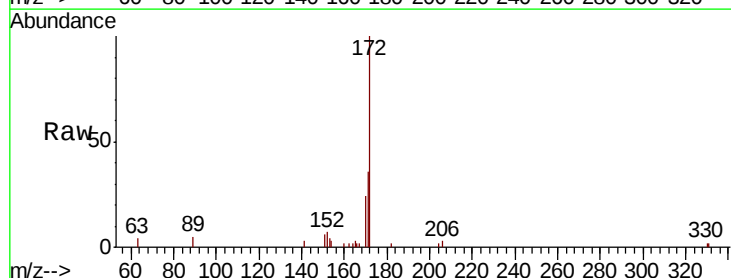
Instrument :  
BNA\_N  
ClientSampleId :  
MW201D-20200613DL

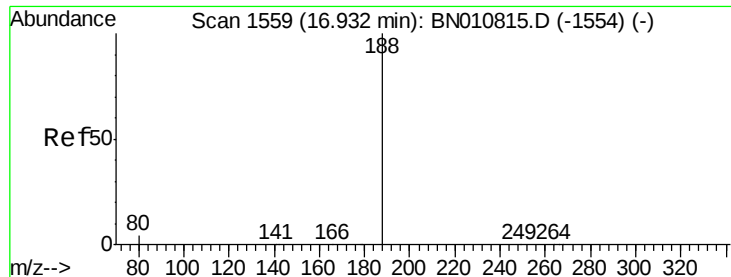
Tot Ion:330 Resp: 314  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 50.6 33.2 49.8#



#15  
2-Fluorobiphenyl  
Concen: 0.195 ng  
RT: 12.78 min Scan# 1182  
Delta R.T. 0.00 min  
Lab File: BN011022.D  
Acq: 23 Jun 2020 04:40

Tgt Ion:172 Resp: 4053  
Ion Ratio Lower Upper  
172 100  
171 36.5 28.5 42.7  
170 24.1 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.90 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BN011022.D

Acq: 23 Jun 2020 04:40

Instrument :

BNA\_N

ClientSampleId :

MW201D-20200613DL

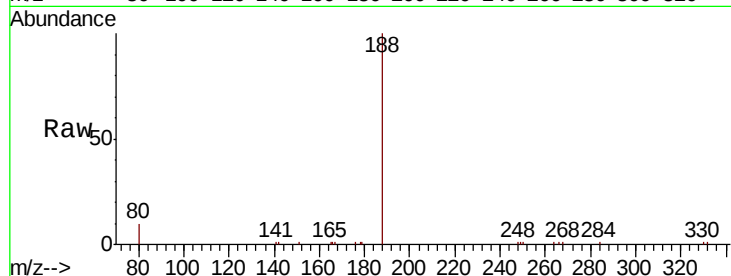
Tot Ion:188 Resp: 12270

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.6 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

16.90

8000

6000

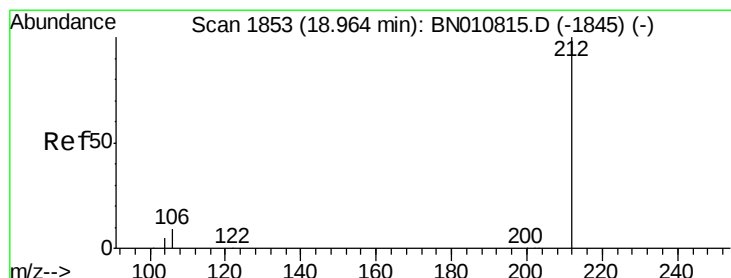
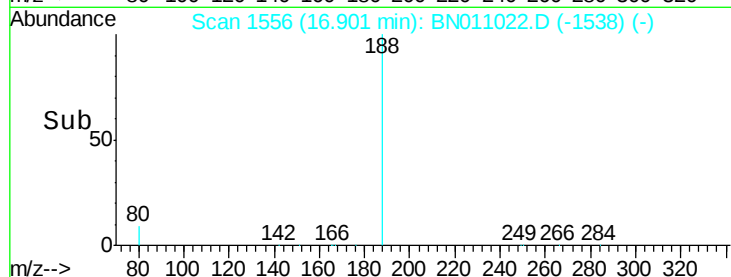
4000

2000

0

Time-->

16.80 17.00 17.20



#25

Fluoranthene-d10

Concen: 0.151 ng

RT: 18.94 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BN011022.D

Acq: 23 Jun 2020 04:40

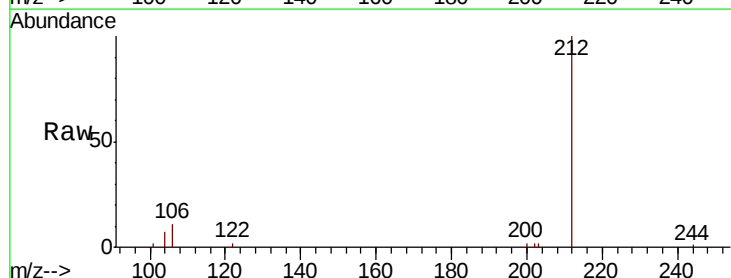
Tgt Ion:212 Resp: 5129

Ion Ratio Lower Upper

212 100

106 9.9 6.6 10.0

104 5.7 4.0 6.0



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

18.94

4000

3000

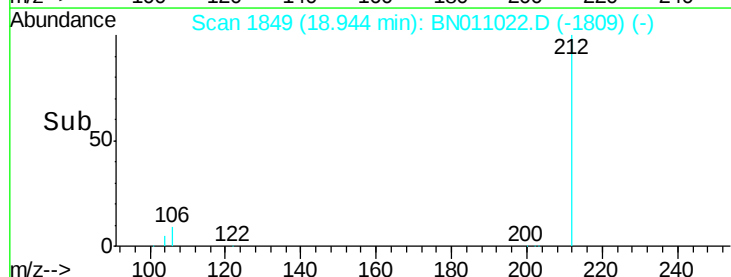
2000

1000

0

Time-->

18.80 18.90 19.00 19.10

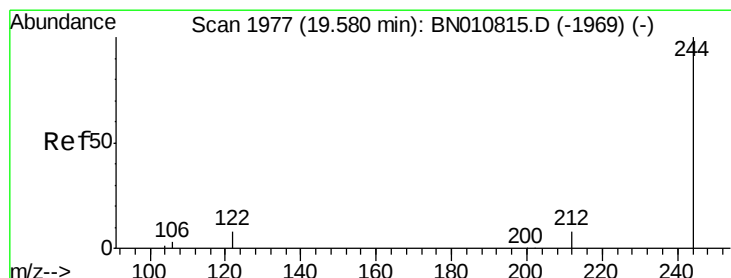
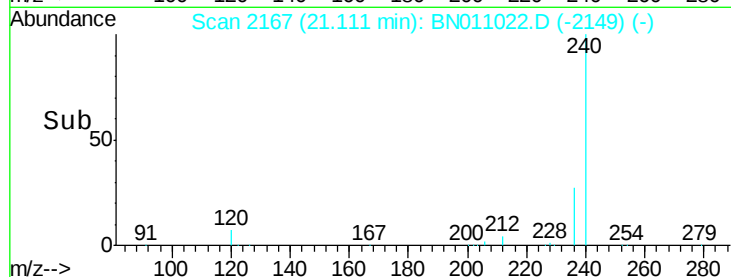
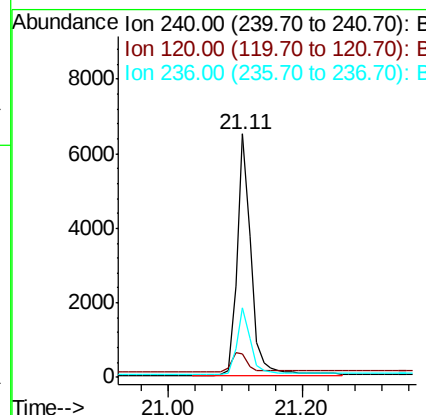
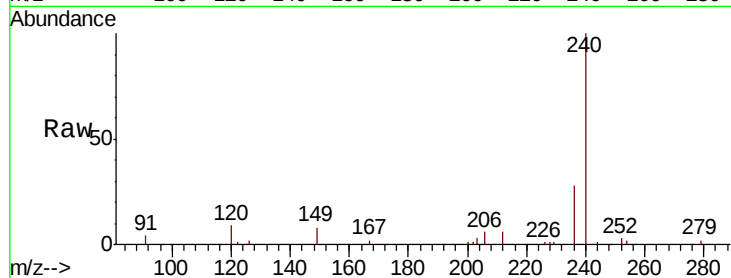




#27  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.11 min Scan# 2167  
Delta R.T. -0.01 min  
Lab File: BN011022.D  
Acq: 23 Jun 2020 04:40

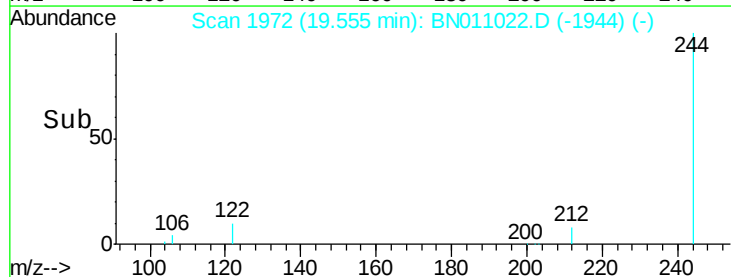
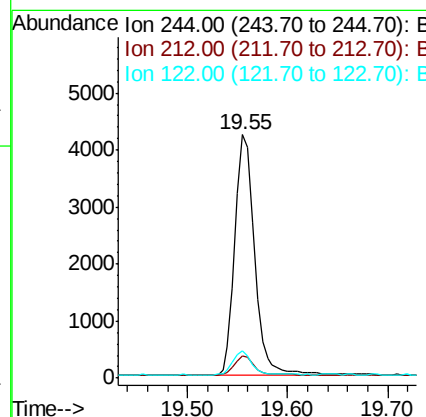
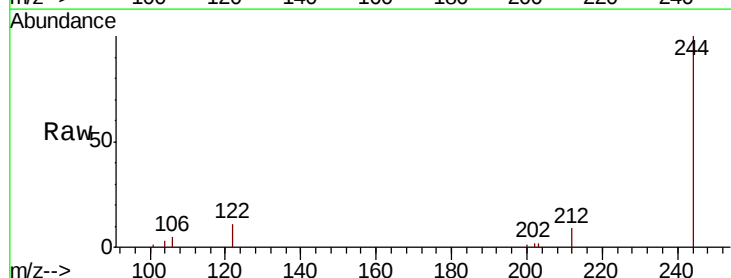
Instrument :  
BNA\_N  
ClientSampleId :  
MW201D-20200613DL

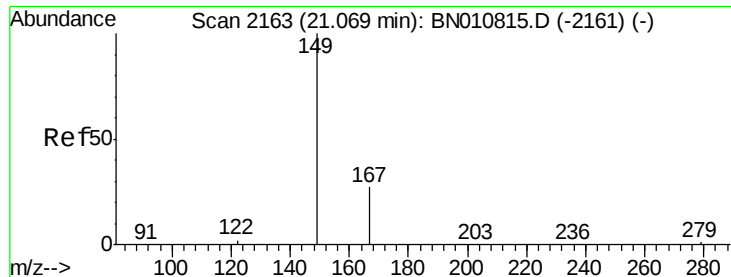
Tot Ion:240 Resp: 9478  
Ion Ratio Lower Upper  
240 100  
120 9.4 7.5 11.3  
236 28.5 22.3 33.5



#29  
Terphenyl-d14  
Concen: 0.261 ng  
RT: 19.55 min Scan# 1972  
Delta R.T. -0.01 min  
Lab File: BN011022.D  
Acq: 23 Jun 2020 04:40

Tgt Ion:244 Resp: 5794  
Ion Ratio Lower Upper  
244 100  
212 9.3 7.4 11.2  
122 11.3 7.5 11.3#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.040 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN011022.D

Acq: 23 Jun 2020 04:40

Instrument :

BNA\_N

ClientSampleId :

MW201D-20200613DL

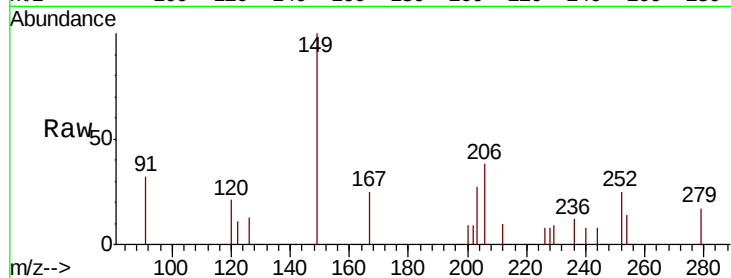
Tot Ion:149 Resp: 373

Ion Ratio Lower Upper

149 100

167 33.2 24.1 36.1

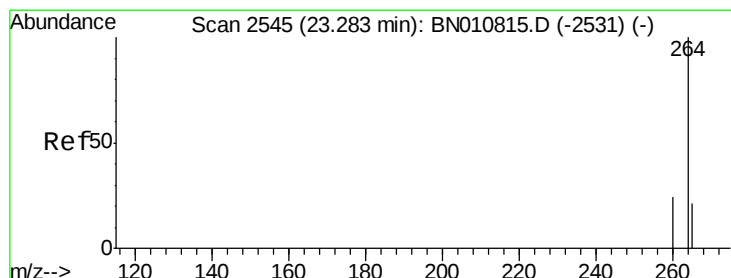
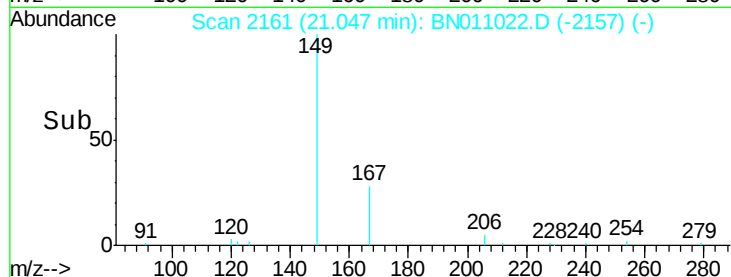
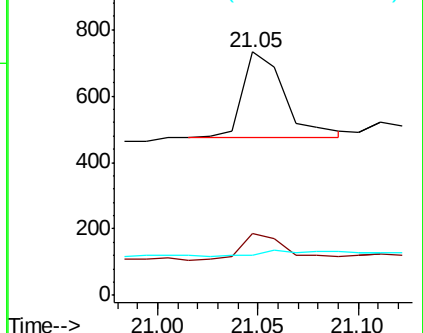
279 11.5 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.25 min Scan# 2536

Delta R.T. -0.01 min

Lab File: BN011022.D

Acq: 23 Jun 2020 04:40

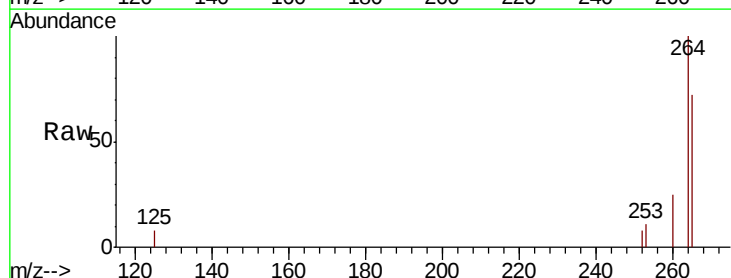
Tgt Ion:264 Resp: 9793

Ion Ratio Lower Upper

264 100

260 25.5 20.4 30.6

265 71.7 75.0 112.4#



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

