

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\  
 Data File : BN010826.D  
 Acq On : 10 Jun 2020 20:27  
 Operator : CG/JU  
 Sample : L2904-11  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 FB6420

Quant Time: Jun 11 00:45:45 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 10 15:14:26 2020  
 Response via : Initial Calibration

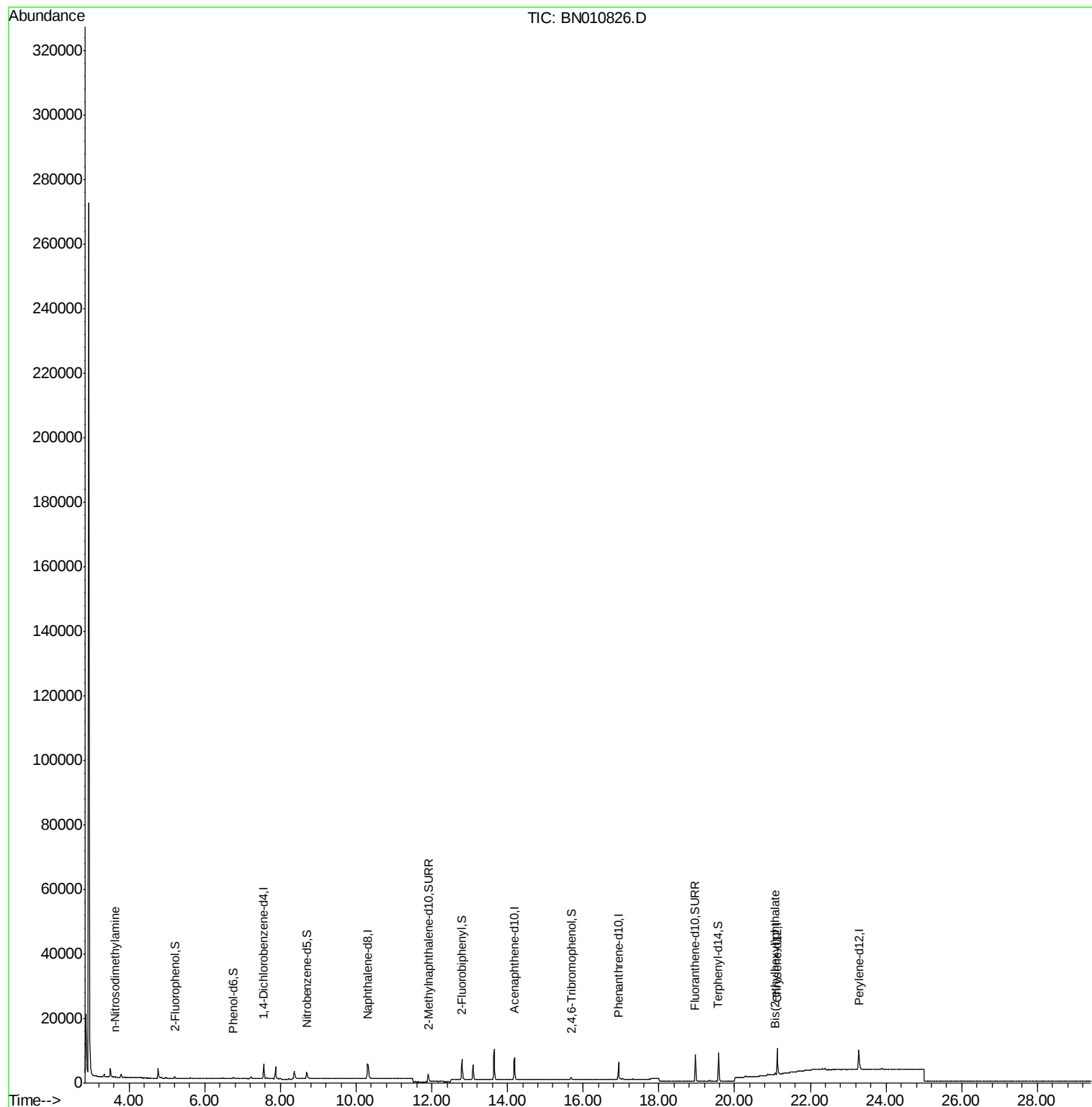
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.56  | 152  | 2352     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.32 | 136  | 7957     | 0.40  | ng    | 0.01     |
| 13) Acenaphthene-d10           | 14.18 | 164  | 4306     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 16.93 | 188  | 8636     | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12               | 21.13 | 240  | 8157     | 0.40  | ng    | 0.00     |
| 34) Perylene-d12               | 23.28 | 264  | 8240     | 0.40  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.21  | 112  | 653      | 0.14  | ng    | 0.00     |
| 5) Phenol-d6                   | 6.75  | 99   | 455      | 0.09  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 8.69  | 82   | 2326     | 0.40  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 11.90 | 152  | 4008     | 0.32  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 15.68 | 330  | 613      | 0.40  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 12.80 | 172  | 6441     | 0.38  | ng    | 0.00     |
| 25) Fluoranthene-d10           | 18.96 | 212  | 10574    | 0.44  | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.57 | 244  | 9694     | 0.51  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       |          |
| 3) n-Nitrosodimethylamine      | 3.62  | 42   | 29       | 0.022 | ng    | # 46     |
| 32) Bis(2-ethylhexyl)phthalate | 21.07 | 149  | 575      | 0.072 | ng    | # 93     |

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

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Sample : L2904-11  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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Quant Time: Jun 11 00:45:45 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 10 15:14:26 2020  
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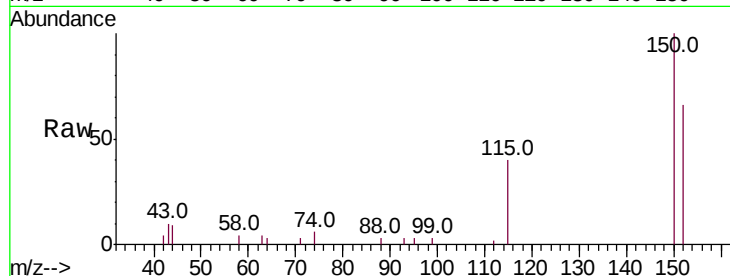


#1

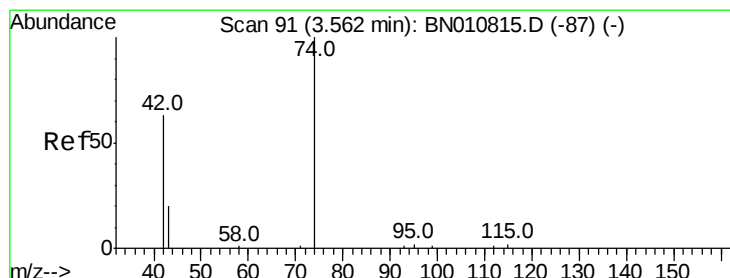
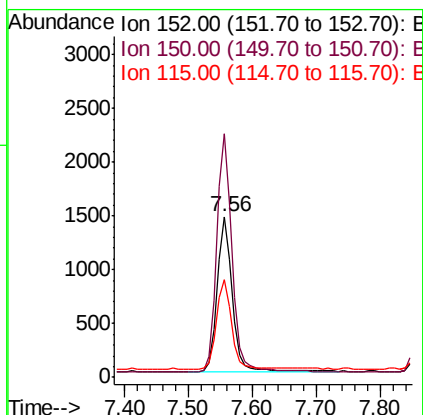
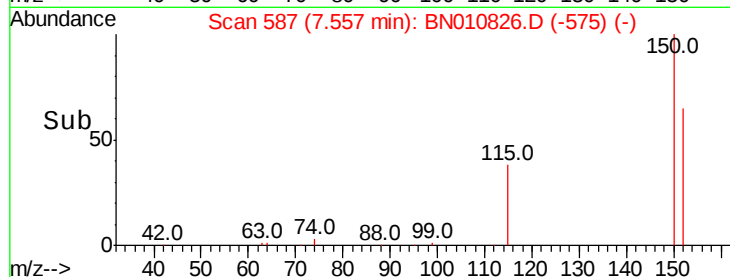
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.56 min Scan# 587  
Delta R.T. 0.00 min  
Lab File: BN010826.D  
Acq: 10 Jun 2020 20:27

Instrument :  
BNA\_N  
ClientSampleId :  
FB6420

Tot Ion:152 Resp: 2352  
Ion Ratio Lower Upper  
152 100  
150 151.7 123.8 185.6  
115 60.9 49.2 73.8



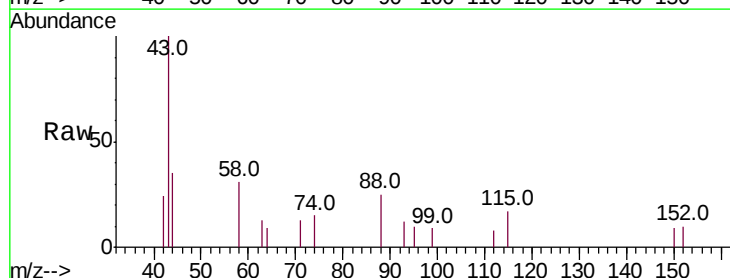
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



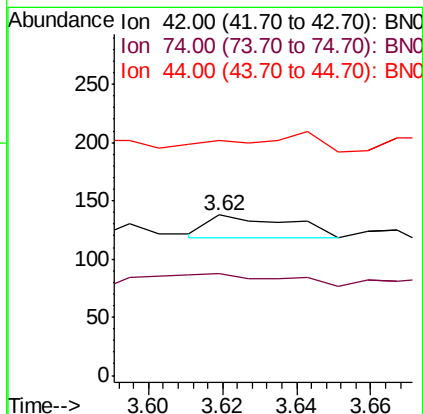
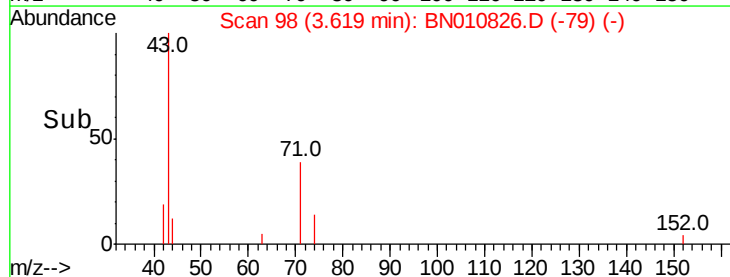
#3

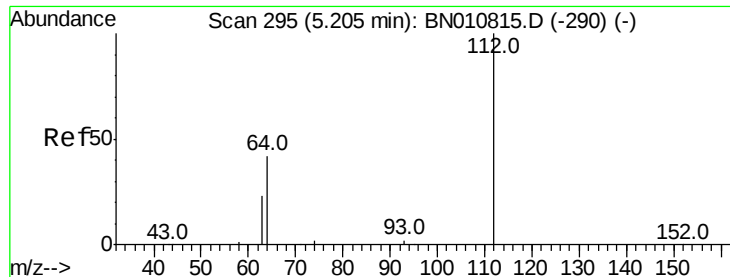
n-Nitrosodimethylamine  
Concen: 0.022 ng  
RT: 3.62 min Scan# 98  
Delta R.T. 0.06 min  
Lab File: BN010826.D  
Acq: 10 Jun 2020 20:27

Tgt Ion: 42 Resp: 29  
Ion Ratio Lower Upper  
42 100  
74 100.0 140.7 211.1#  
44 0.0 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BNC  
Ion 74.00 (73.70 to 74.70): BNC  
Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.144 ng

RT: 5.21 min Scan# 295

Delta R.T. 0.00 min

Lab File: BN010826.D

Acq: 10 Jun 2020 20:27

Instrument :

BNA\_N

ClientSampled :

FB6420

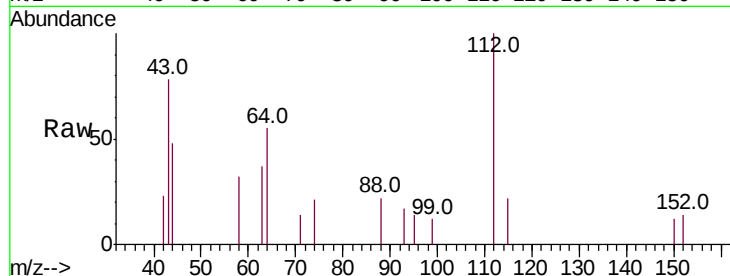
Tot Ion:112 Resp: 653

Ion Ratio Lower Upper

112 100

64 48.9 37.4 56.0

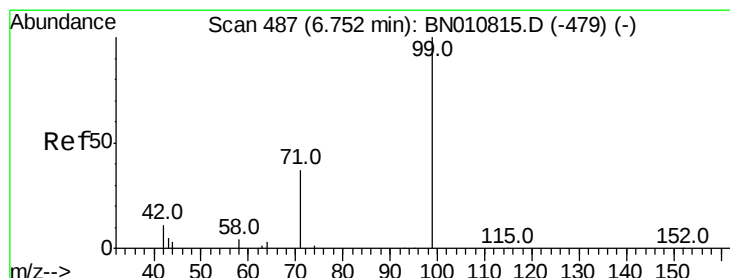
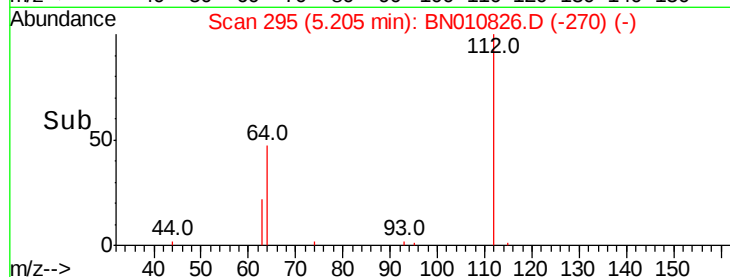
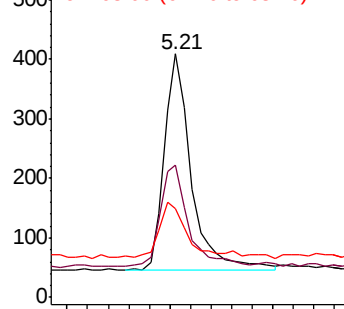
63 29.2 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.085 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN010826.D

Acq: 10 Jun 2020 20:27

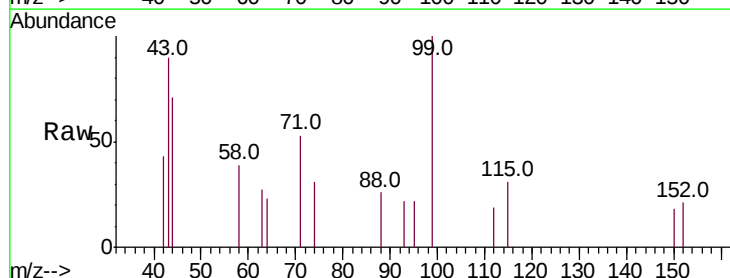
Tgt Ion: 99 Resp: 455

Ion Ratio Lower Upper

99 100

42 21.5 11.1 16.7#

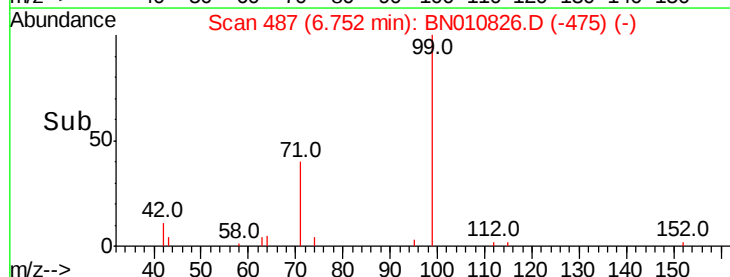
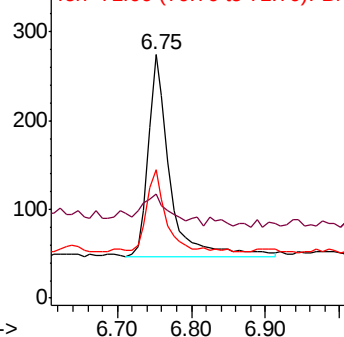
71 33.4 31.4 47.2

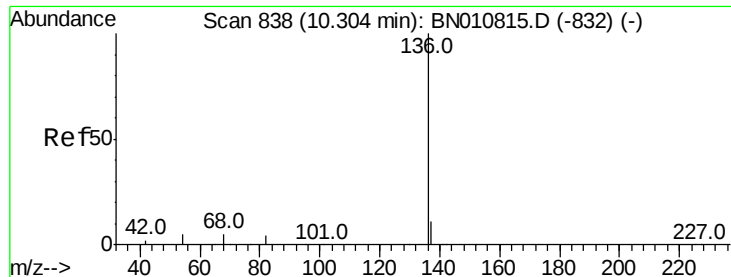


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.01 min

Lab File: BN010826.D

Acq: 10 Jun 2020 20:27

Instrument :

BNA\_N

ClientSampled :

FB6420

Tot Ion:136 Resp: 7957

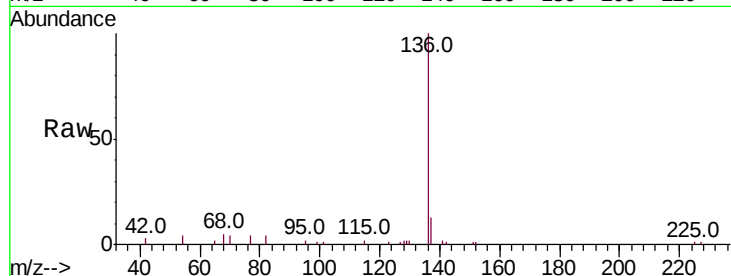
Ion Ratio Lower Upper

136 100

137 12.6 9.7 14.5

54 3.9 4.9 7.3#

68 4.8 4.7 7.1

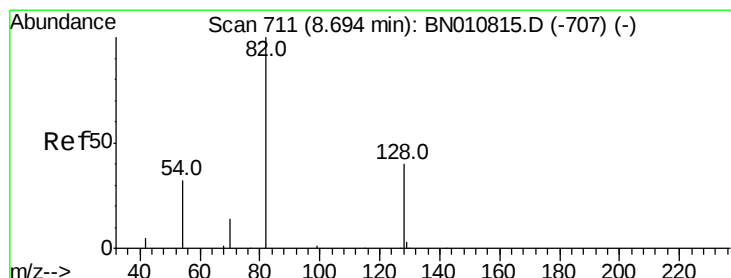
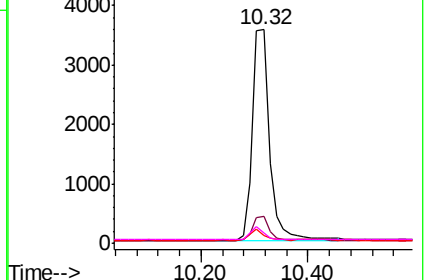
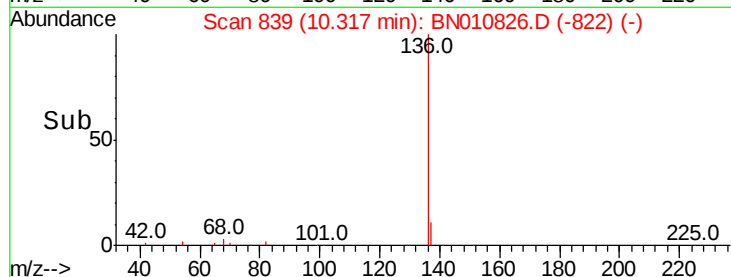


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.395 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN010826.D

Acq: 10 Jun 2020 20:27

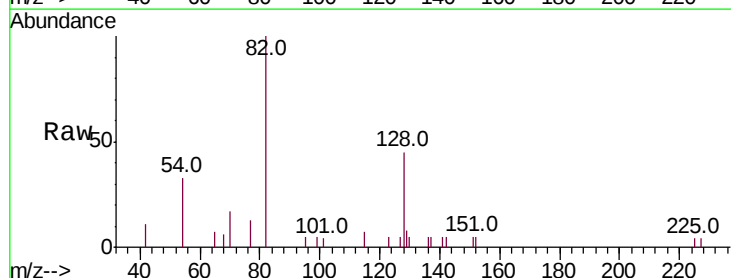
Tgt Ion: 82 Resp: 2326

Ion Ratio Lower Upper

82 100

128 45.0 35.4 53.0

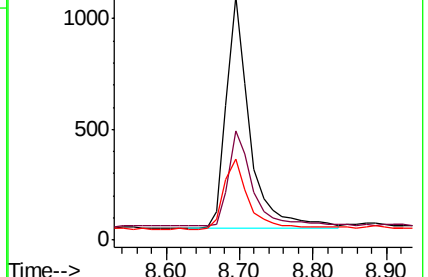
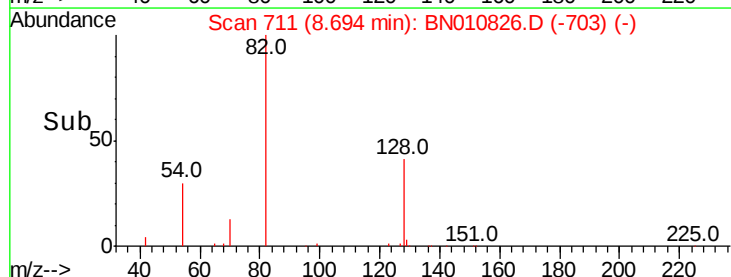
54 33.3 28.2 42.4

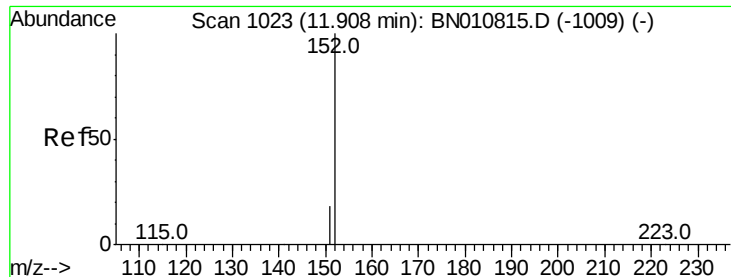


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

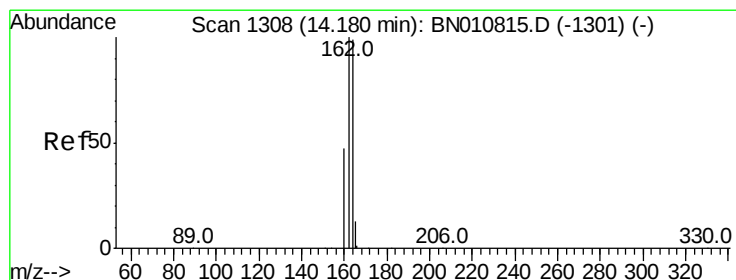
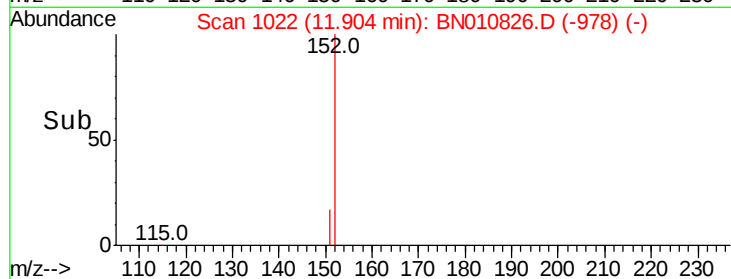
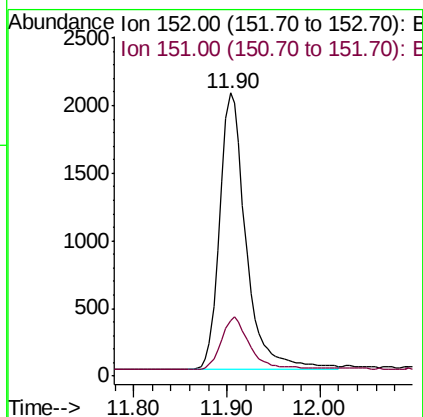
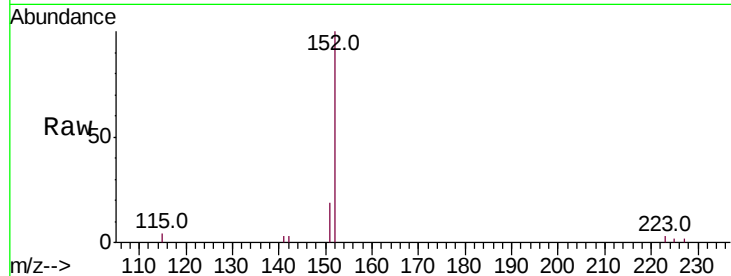




#11  
2-Methylnaphthalene-d10  
Concen: 0.325 ng  
RT: 11.90 min Scan# 1022  
Delta R.T. -0.00 min  
Lab File: BN010826.D  
Acq: 10 Jun 2020 20:27

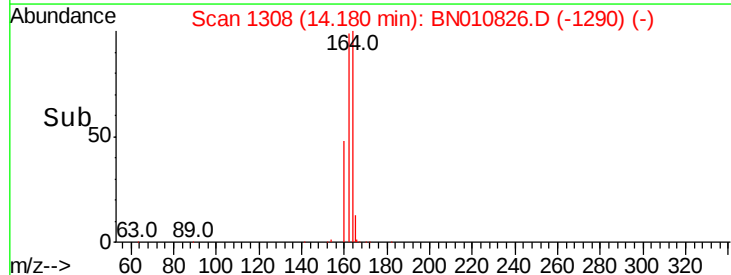
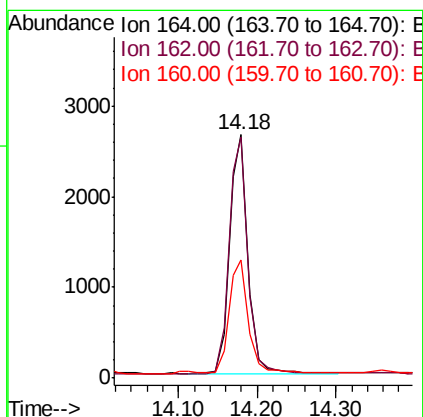
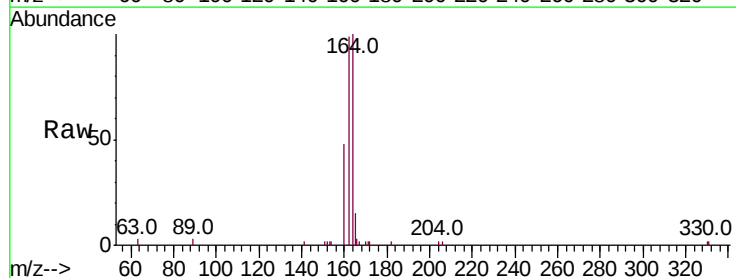
Instrument :  
BNA\_N  
ClientSampleId :  
FB6420

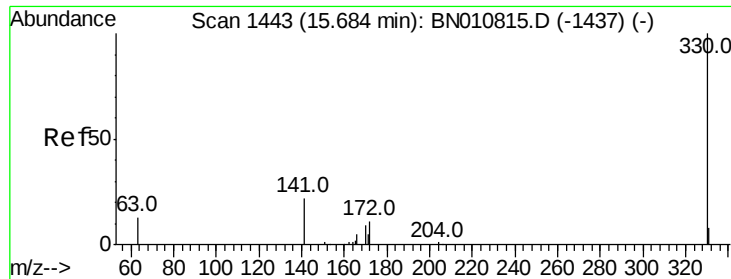
Tot Ion:152 Resp: 4008  
Ion Ratio Lower Upper  
152 100  
151 20.1 15.3 22.9



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.18 min Scan# 1308  
Delta R.T. 0.00 min  
Lab File: BN010826.D  
Acq: 10 Jun 2020 20:27

Tgt Ion:164 Resp: 4306  
Ion Ratio Lower Upper  
164 100  
162 99.2 81.0 121.6  
160 48.4 38.9 58.3

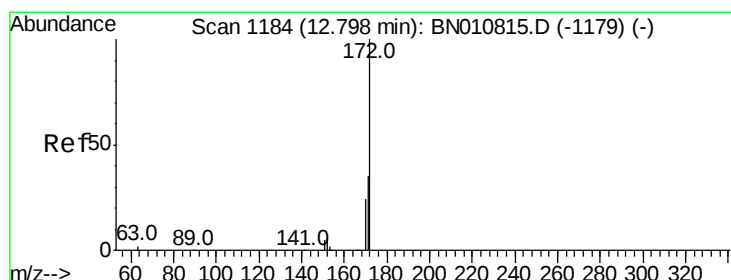
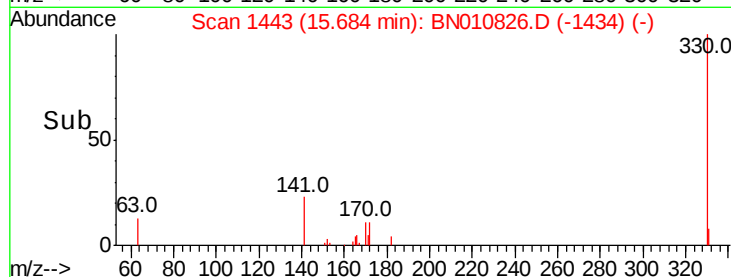
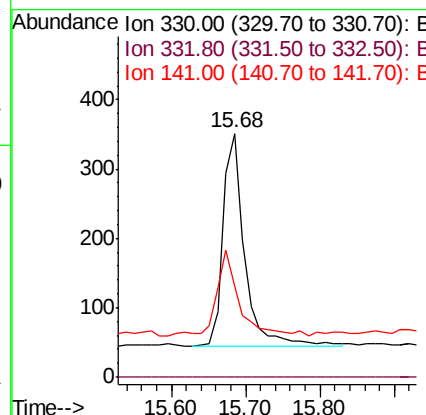
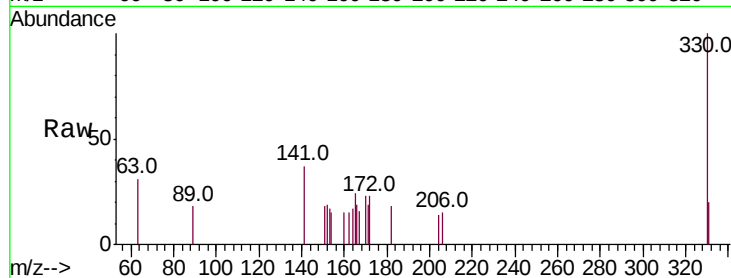




#14  
 2,4,6-Tribromophenol  
 Concen: 0.398 ng  
 RT: 15.68 min Scan# 1443  
 Delta R.T. 0.00 min  
 Lab File: BN010826.D  
 Acq: 10 Jun 2020 20:27

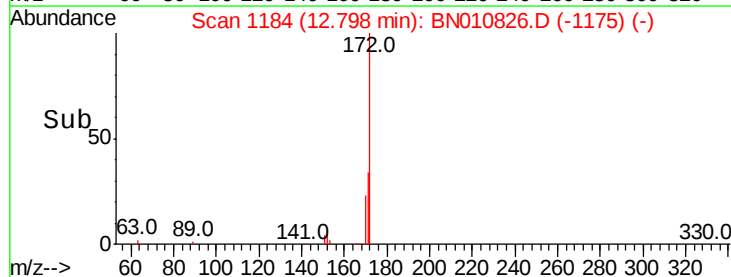
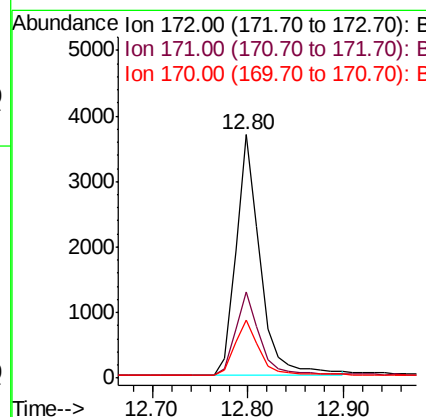
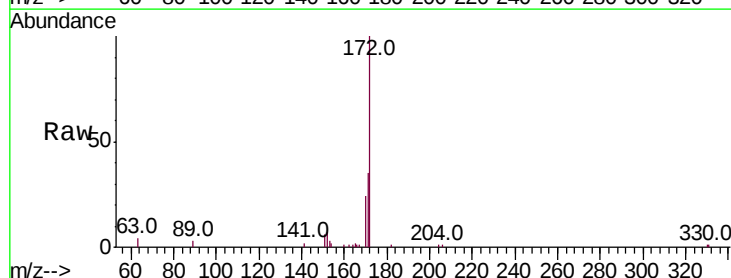
Instrument :  
 BNA\_N  
 ClientSampleId :  
 FB6420

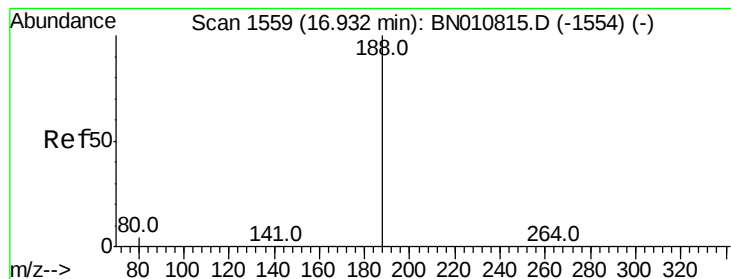
Tot Ion:330 Resp: 613  
 Ion Ratio Lower Upper  
 330 100  
 332 0.0 0.0 0.0  
 141 36.9 33.2 49.8



#15  
 2-Fluorobiphenyl  
 Concen: 0.379 ng  
 RT: 12.80 min Scan# 1184  
 Delta R.T. 0.00 min  
 Lab File: BN010826.D  
 Acq: 10 Jun 2020 20:27

Tgt Ion:172 Resp: 6441  
 Ion Ratio Lower Upper  
 172 100  
 171 35.3 28.5 42.7  
 170 23.9 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN010826.D

Acq: 10 Jun 2020 20:27

Instrument :

BNA\_N

ClientSampleId :

FB6420

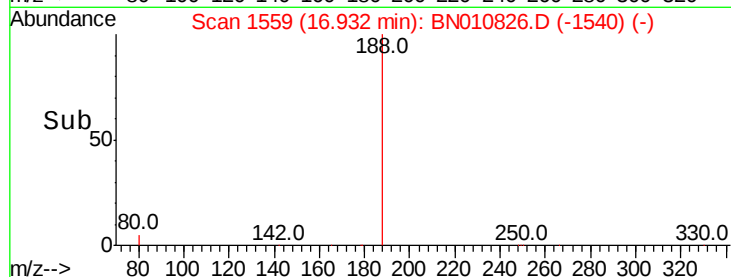
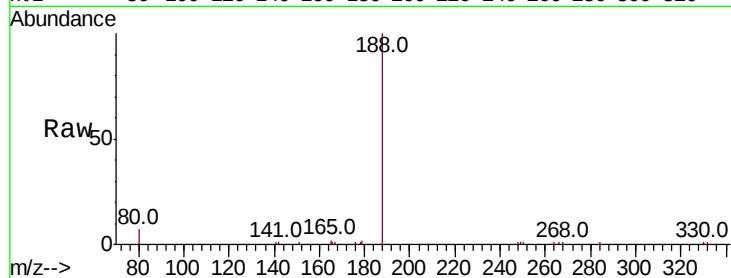
Tot Ion:188 Resp: 8636

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

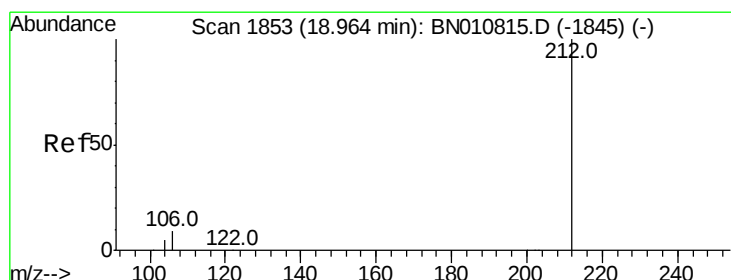
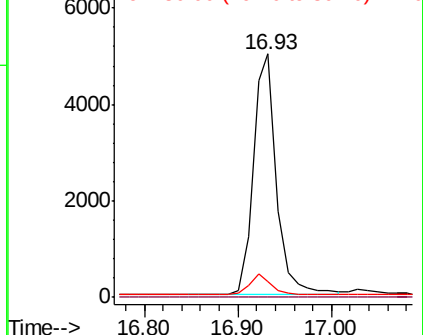
80 6.5 4.5 6.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#25

Fluoranthene-d10

Concen: 0.444 ng

RT: 18.96 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BN010826.D

Acq: 10 Jun 2020 20:27

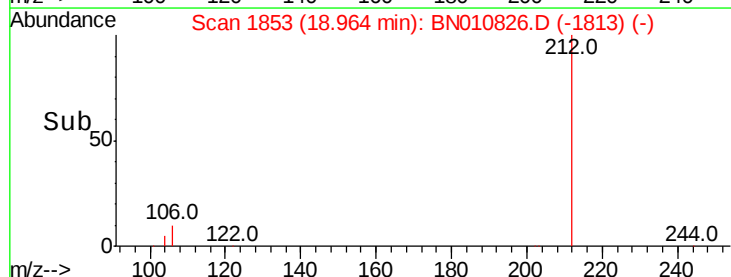
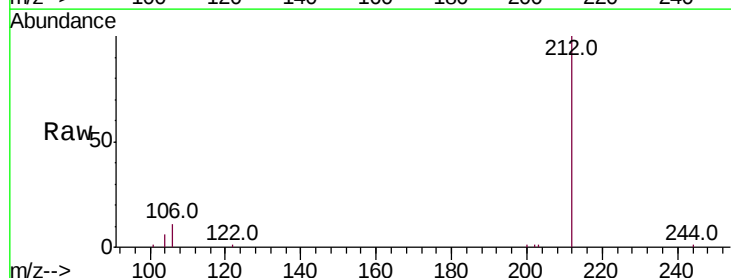
Tgt Ion:212 Resp: 10574

Ion Ratio Lower Upper

212 100

106 9.2 6.6 10.0

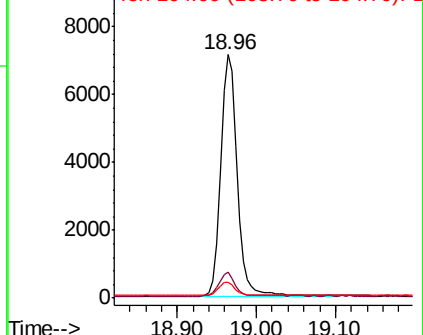
104 5.4 4.0 6.0

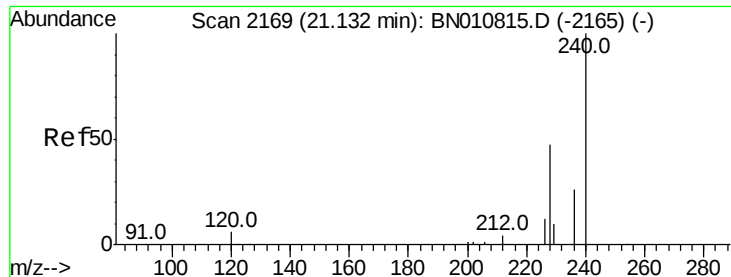


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN010826.D

Acq: 10 Jun 2020 20:27

Instrument :

BNA\_N

ClientSampleId :

FB6420

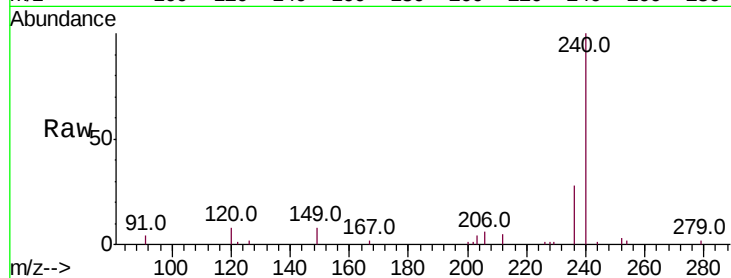
Tot Ion:240 Resp: 8157

Ion Ratio Lower Upper

240 100

120 8.2 7.5 11.3

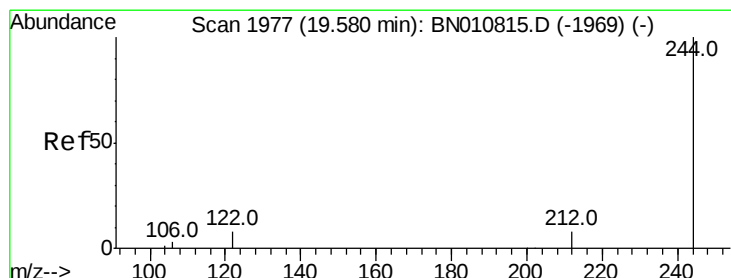
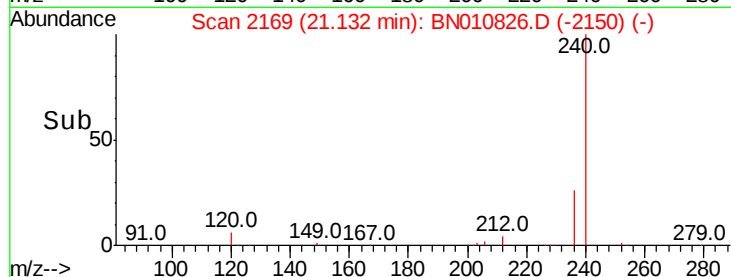
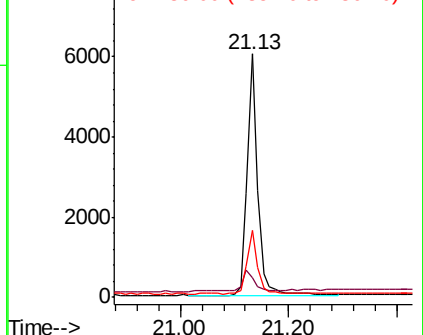
236 27.5 22.3 33.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.508 ng

RT: 19.57 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BN010826.D

Acq: 10 Jun 2020 20:27

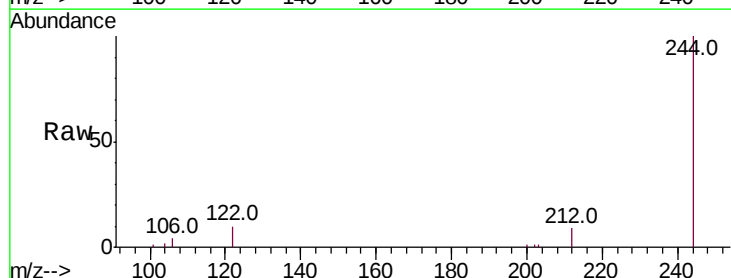
Tgt Ion:244 Resp: 9694

Ion Ratio Lower Upper

244 100

212 8.9 7.4 11.2

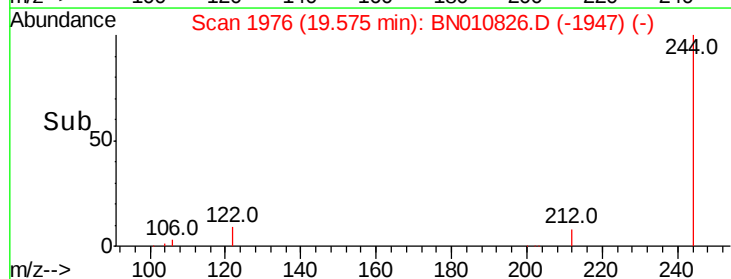
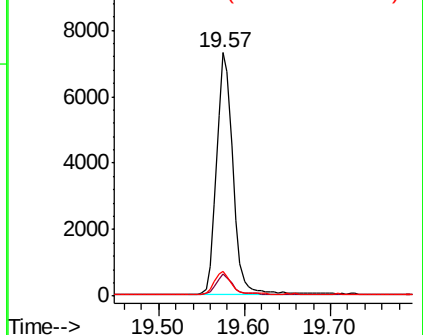
122 10.1 7.5 11.3

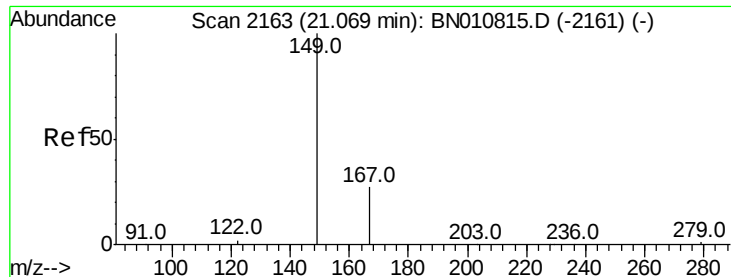


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.072 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BN010826.D

Acq: 10 Jun 2020 20:27

Instrument :

BNA\_N

ClientSampleId :

FB6420

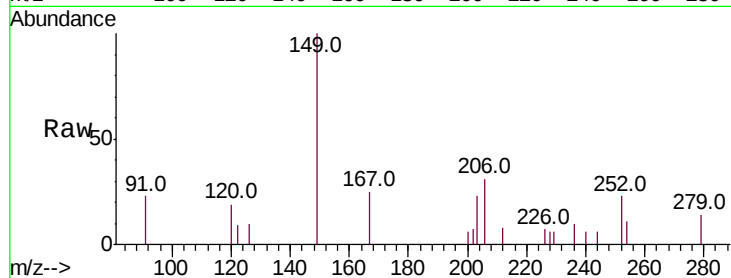
Tot Ion:149 Resp: 575

Ion Ratio Lower Upper

149 100

167 26.8 24.1 36.1

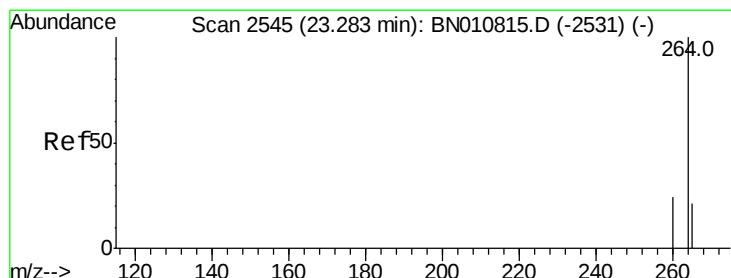
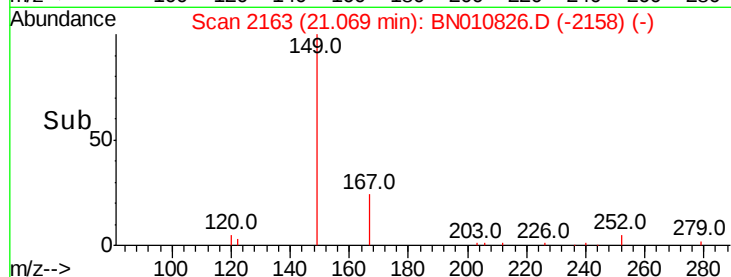
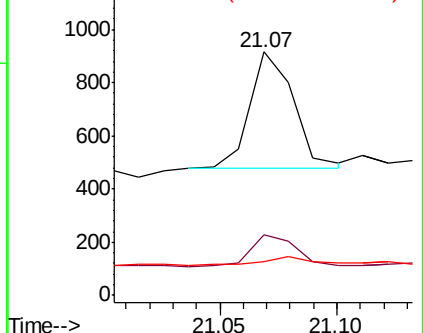
279 8.9 4.6 7.0#



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: 23.28 min Scan# 2544

Delta R.T. -0.00 min

Lab File: BN010826.D

Acq: 10 Jun 2020 20:27

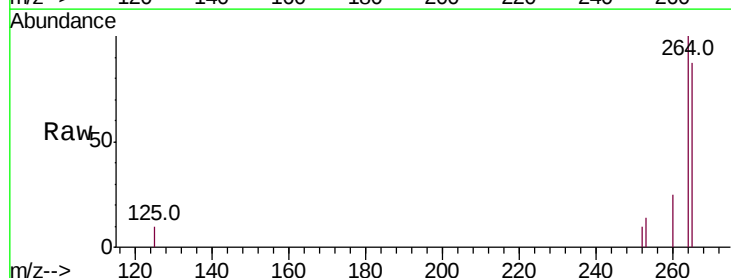
Tgt Ion:264 Resp: 8240

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 86.7 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

