

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\  
 Data File : BN011021.D  
 Acq On : 23 Jun 2020 04:05  
 Operator : CG/JU  
 Sample : L3043-18DL 2X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE120D1-20200615DL

Quant Time: Jun 23 05:34:46 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

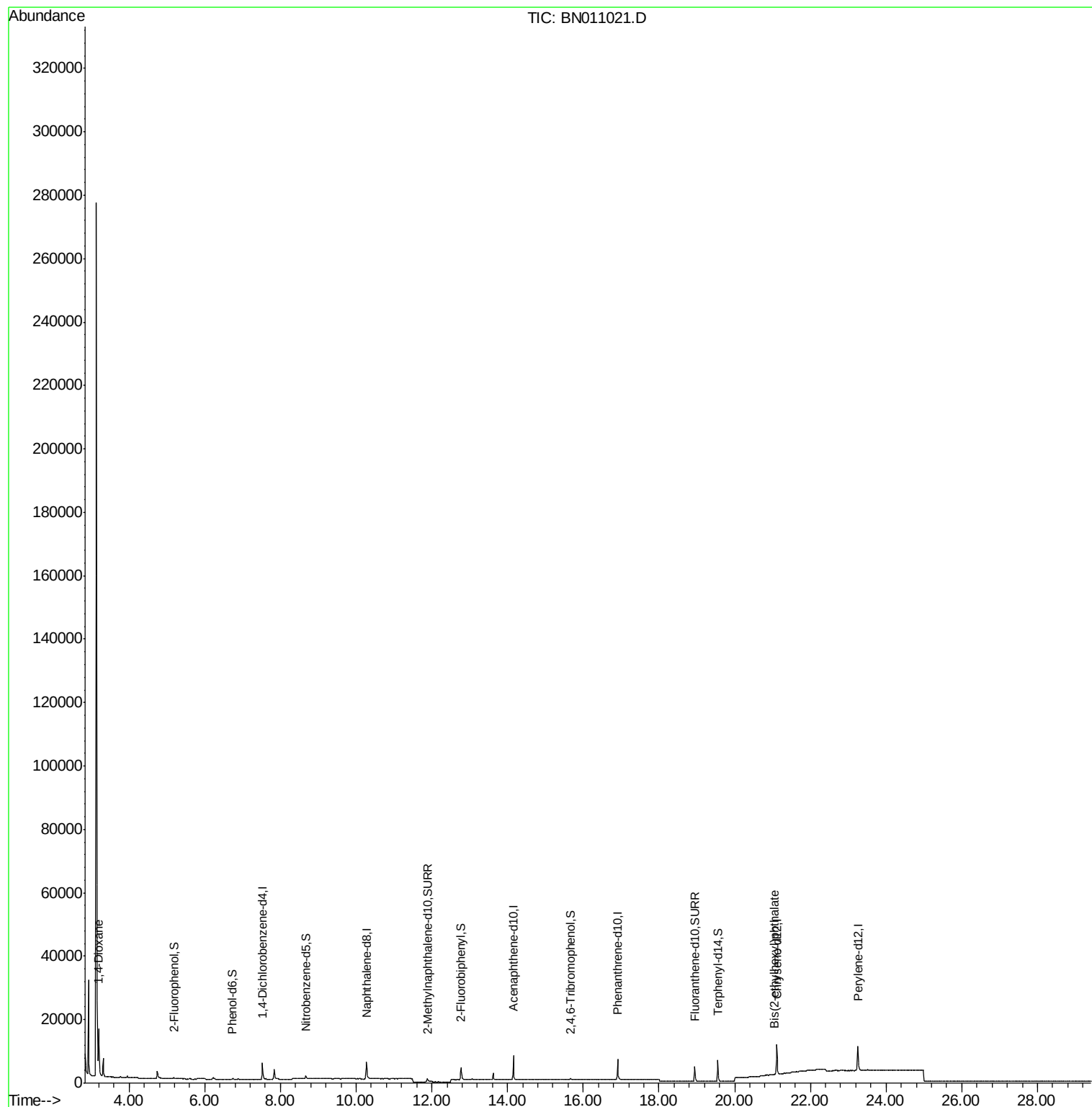
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.52  | 152  | 2627     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.28 | 136  | 9060     | 0.40  | ng    | 0.00     |
| 13) Acenaphthene-d10           | 14.15 | 164  | 5045     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 16.91 | 188  | 10688    | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12               | 21.11 | 240  | 10177    | 0.40  | ng    | 0.00     |
| 34) Perylene-d12               | 23.25 | 264  | 10860    | 0.40  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.18  | 112  | 495      | 0.10  | ng    | 0.00     |
| 5) Phenol-d6                   | 6.73  | 99   | 338      | 0.06  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 8.67  | 82   | 1412     | 0.21  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 11.88 | 152  | 2139     | 0.15  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 15.66 | 330  | 359      | 0.20  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 12.77 | 172  | 4524     | 0.23  | ng    | 0.00     |
| 25) Fluoranthene-d10           | 18.95 | 212  | 6921     | 0.23  | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.56 | 244  | 7515     | 0.32  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       |          |
| 2) 1,4-Dioxane                 | 3.20  | 88   | 9554     | 3.713 | ng    | 99       |
| 32) Bis(2-ethylhexyl)phthalate | 21.05 | 149  | 412      | 0.041 | ng    | # 95     |

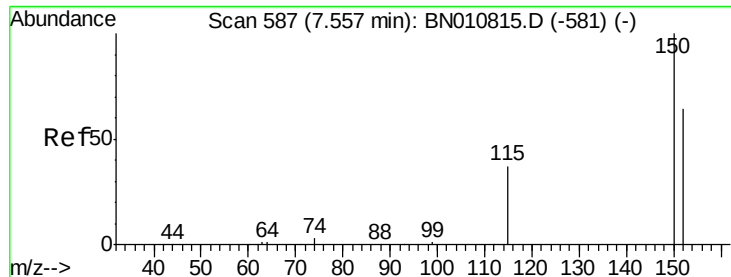
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\  
Data File : BN011021.D  
Acq On : 23 Jun 2020 04:05  
Operator : CG/JU  
Sample : L3043-18DL 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RE120D1-20200615DL

Quant Time: Jun 23 05:34:46 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



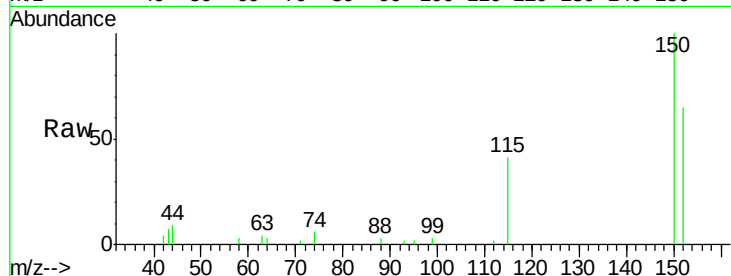


#1

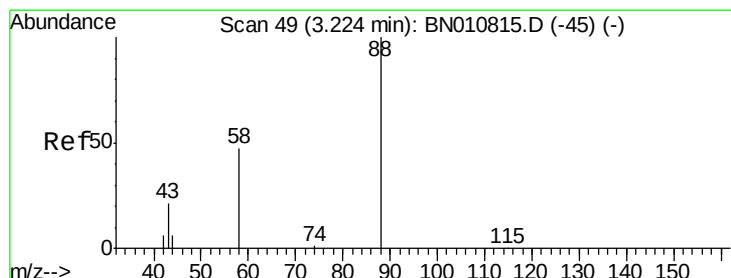
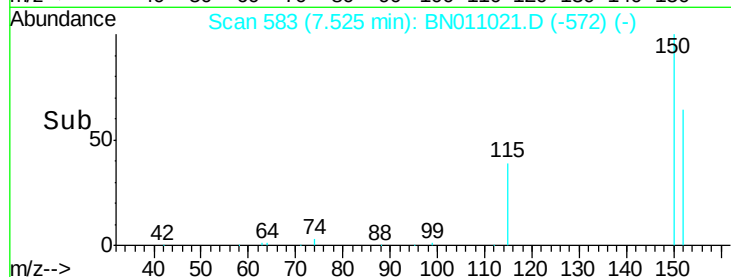
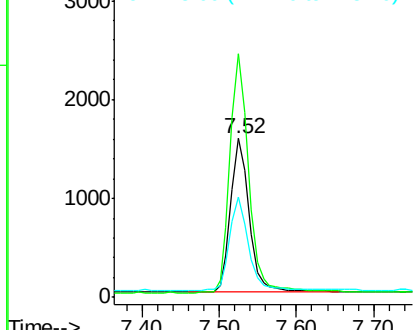
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.52 min Scan# 583  
Delta R.T. -0.01 min  
Lab File: BN011021.D  
Acq: 23 Jun 2020 04:05

Instrument :  
BNA\_N  
ClientSampleId :  
RE120D1-20200615DL

Tot Ion:152 Resp: 2627  
Ion Ratio Lower Upper  
152 100  
150 153.3 123.8 185.6  
115 63.2 49.2 73.8



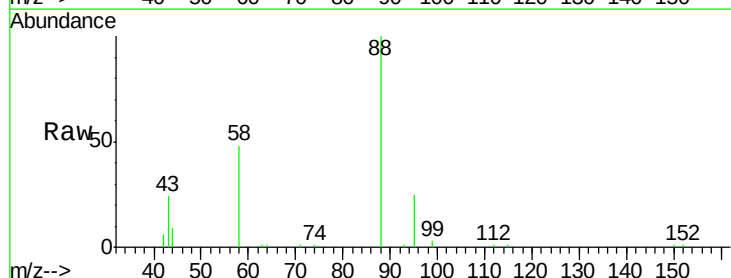
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



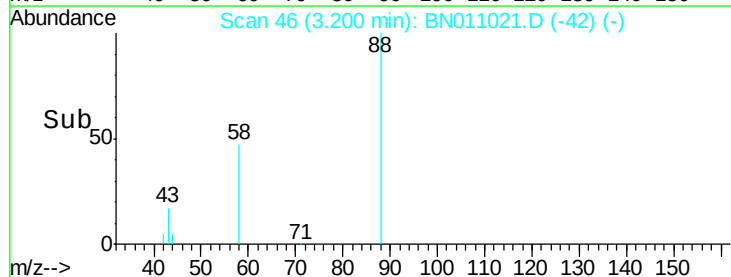
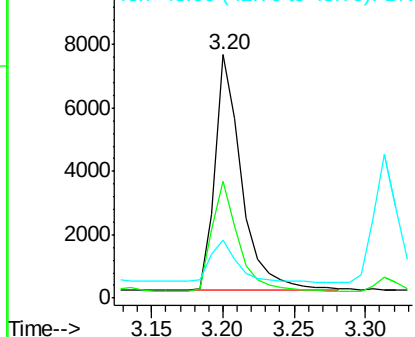
#2

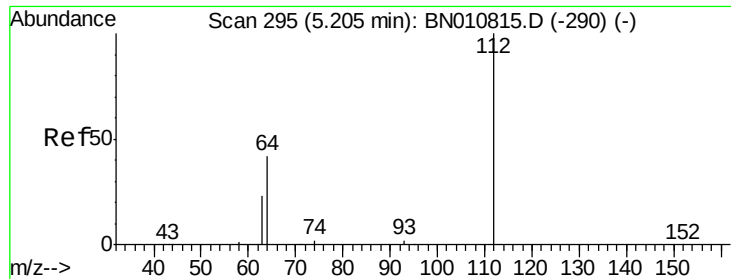
1,4-Dioxane  
Concen: 3.713 ng  
RT: 3.20 min Scan# 46  
Delta R.T. -0.02 min  
Lab File: BN011021.D  
Acq: 23 Jun 2020 04:05

Tgt Ion: 88 Resp: 9554  
Ion Ratio Lower Upper  
88 100  
58 47.2 38.2 57.4  
43 18.5 15.1 22.7



Abundance Ion 88.00 (87.70 to 88.70): BNC  
Ion 58.00 (57.70 to 58.70): BNC  
Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.098 ng

RT: 5.18 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011021.D

Acq: 23 Jun 2020 04:05

Instrument :

BNA\_N

ClientSampleId :

RE120D1-20200615DL

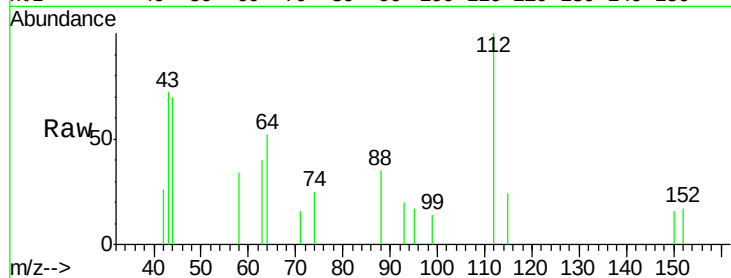
Tot Ion: 112 Resp: 495

Ion Ratio Lower Upper

112 100

64 43.2 37.4 56.0

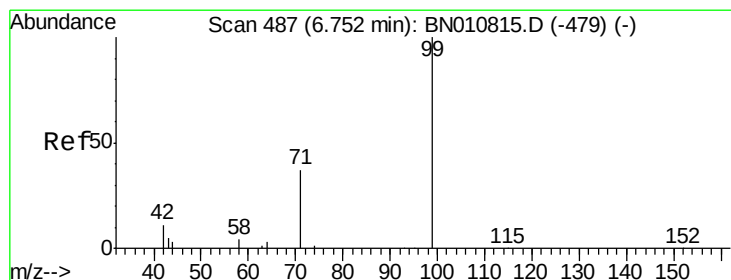
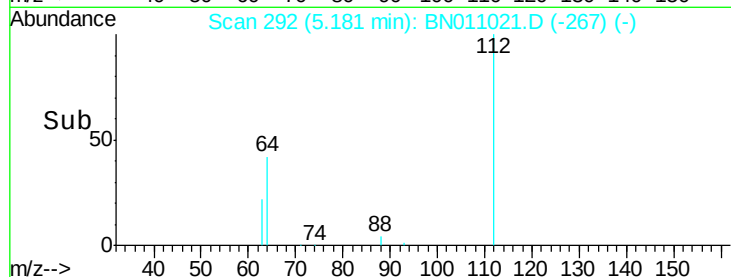
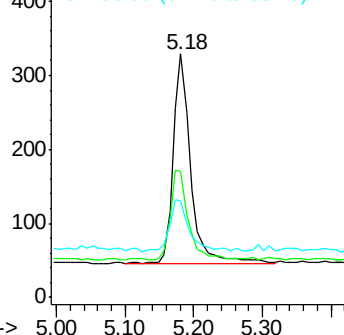
63 30.3 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.057 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.00 min

Lab File: BN011021.D

Acq: 23 Jun 2020 04:05

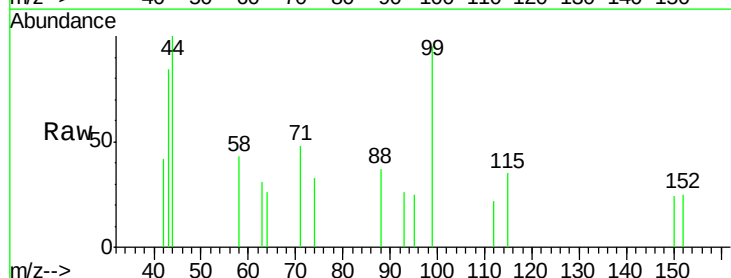
Tgt Ion: 99 Resp: 338

Ion Ratio Lower Upper

99 100

42 16.3 11.1 16.7

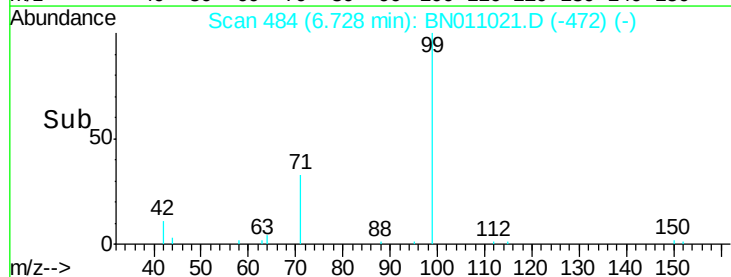
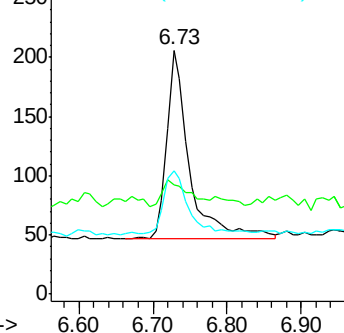
71 38.2 31.4 47.2

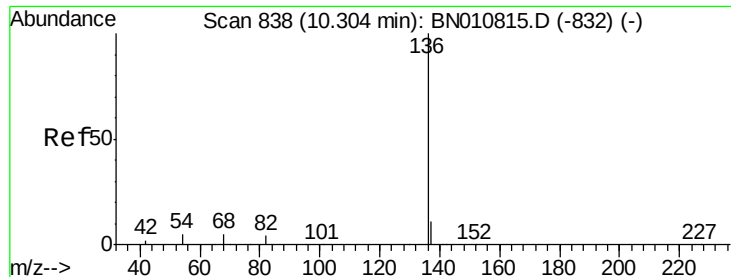


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011021.D

Acq: 23 Jun 2020 04:05

Instrument :

BNA\_N

ClientSampleId :

RE120D1-20200615DL

Tot Ion:136 Resp: 9060

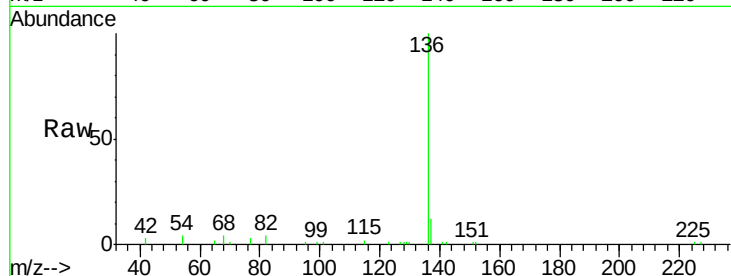
Ion Ratio Lower Upper

136 100

137 11.7 9.7 14.5

54 4.3 4.9 7.3#

68 4.4 4.7 7.1#

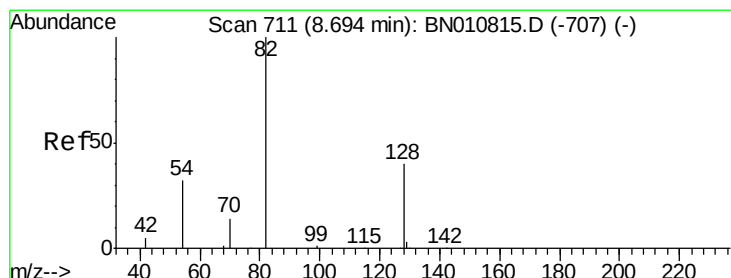
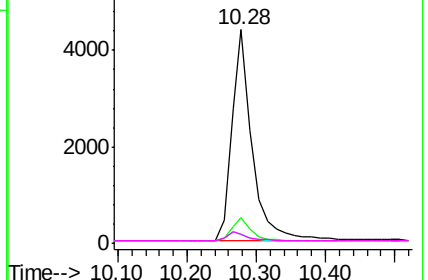
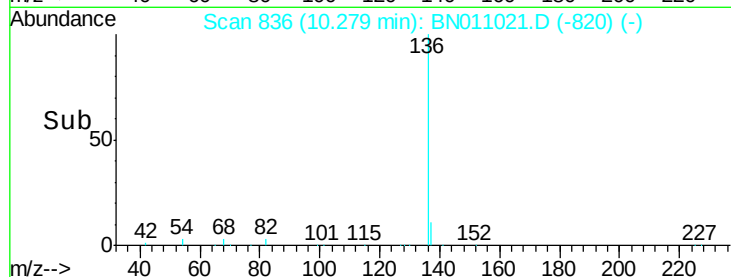


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.211 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN011021.D

Acq: 23 Jun 2020 04:05

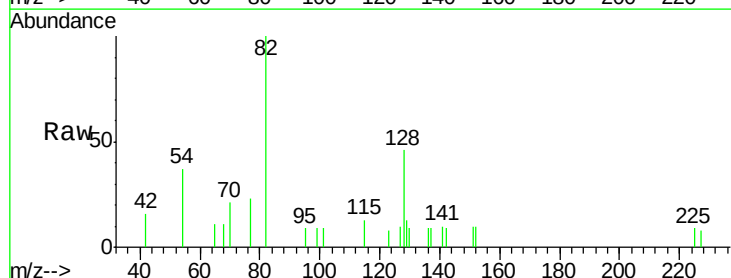
Tgt Ion: 82 Resp: 1412

Ion Ratio Lower Upper

82 100

128 46.0 35.4 53.0

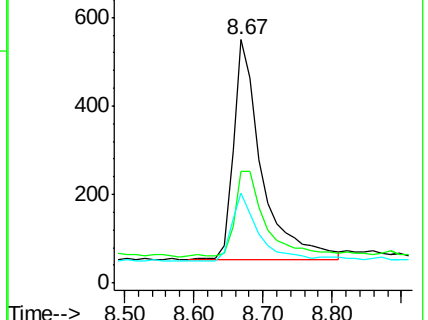
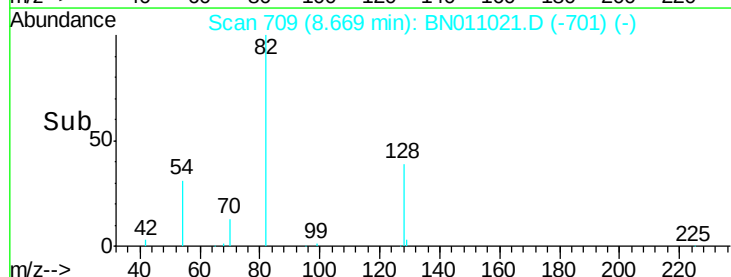
54 37.1 28.2 42.4

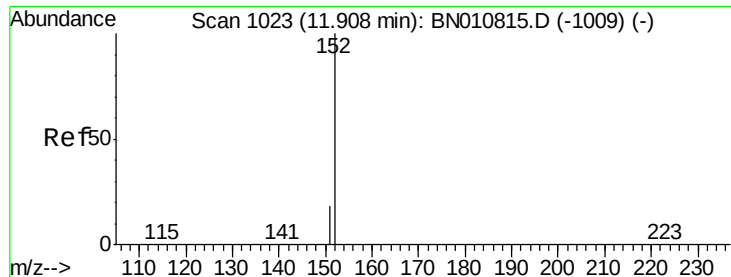


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

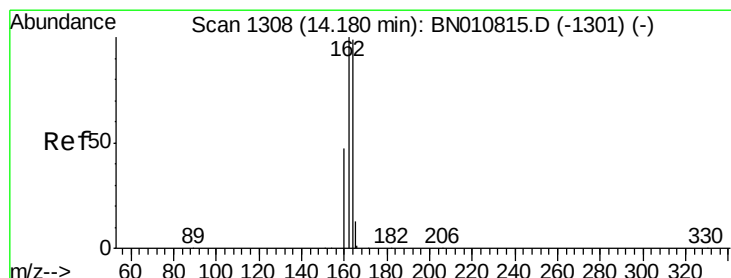
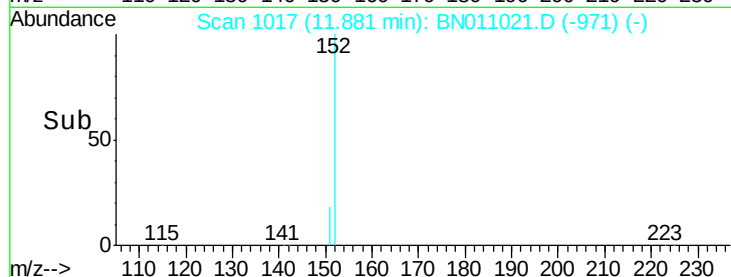
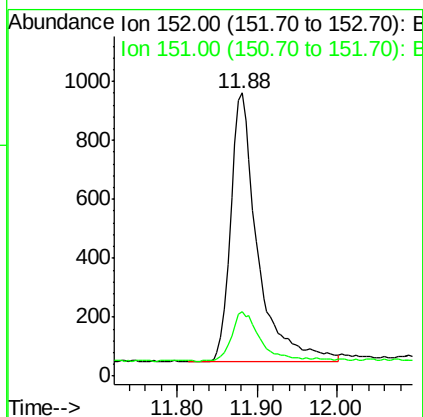
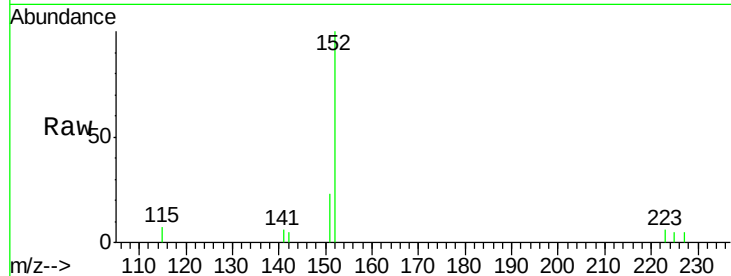




#11  
2-Methylnaphthalene-d10  
Concen: 0.152 ng  
RT: 11.88 min Scan# 1017  
Delta R.T. 0.00 min  
Lab File: BN011021.D  
Acq: 23 Jun 2020 04:05

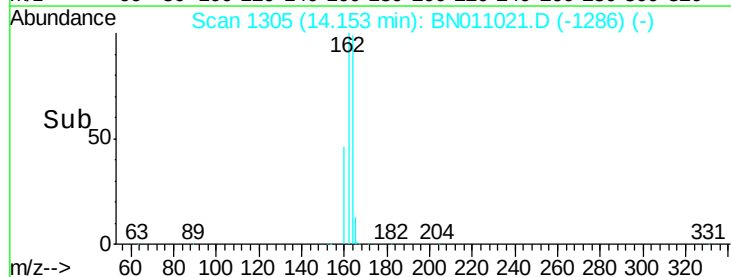
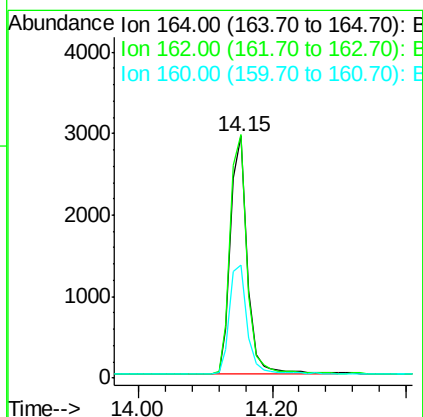
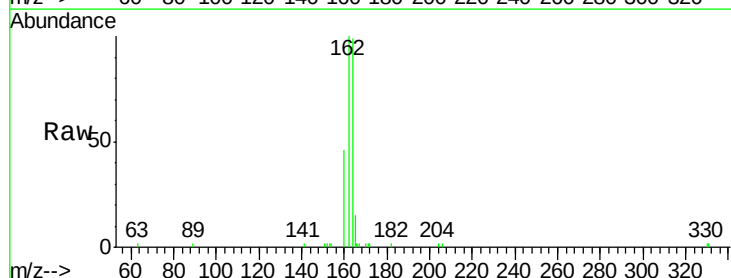
Instrument :  
BNA\_N  
ClientSampleId :  
RE120D1-20200615DL

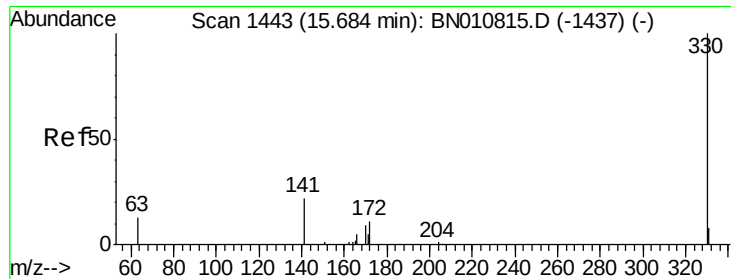
Tot Ion:152 Resp: 2139  
Ion Ratio Lower Upper  
152 100  
151 20.2 15.3 22.9



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.15 min Scan# 1305  
Delta R.T. 0.01 min  
Lab File: BN011021.D  
Acq: 23 Jun 2020 04:05

Tgt Ion:164 Resp: 5045  
Ion Ratio Lower Upper  
164 100  
162 100.7 81.0 121.6  
160 46.6 38.9 58.3

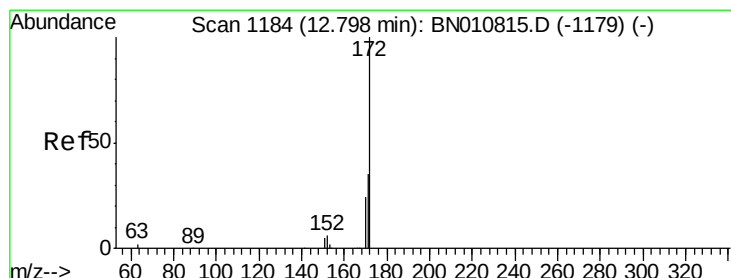
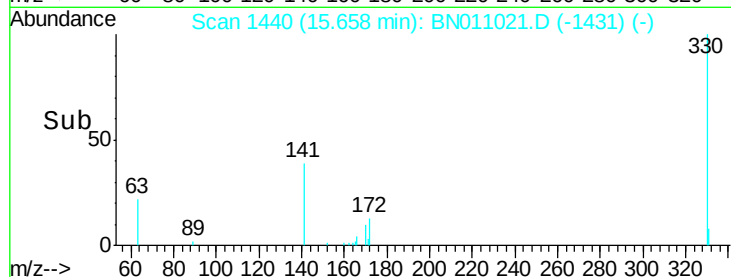
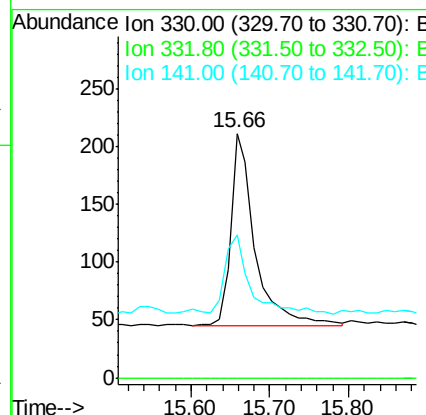
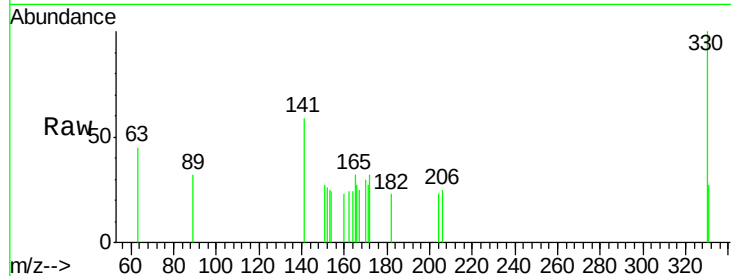




#14  
 2,4,6-Tribromophenol  
 Concen: 0.199 ng  
 RT: 15.66 min Scan# 1440  
 Delta R.T. -0.00 min  
 Lab File: BN011021.D  
 Acq: 23 Jun 2020 04:05

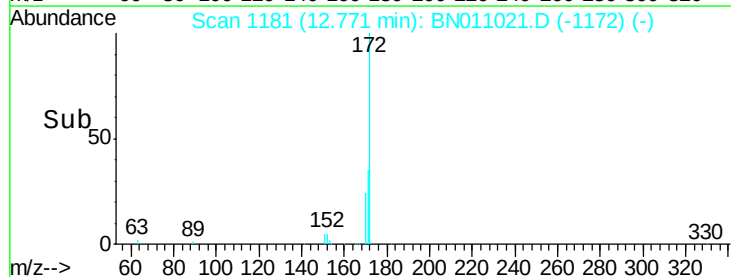
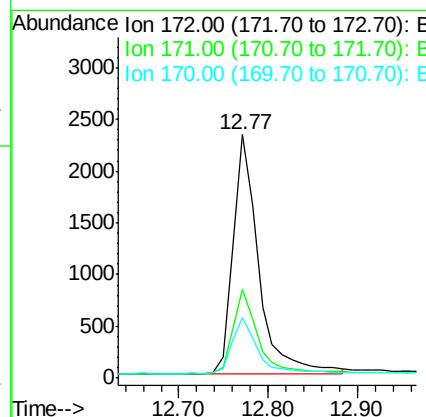
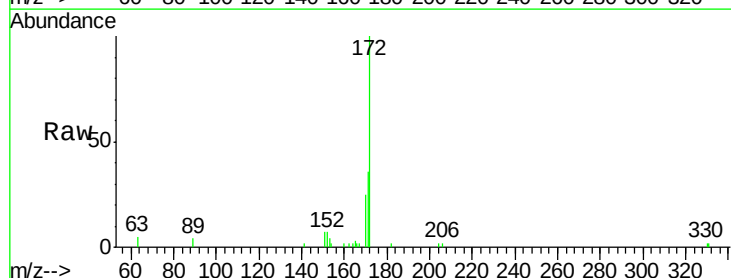
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE120D1-20200615DL

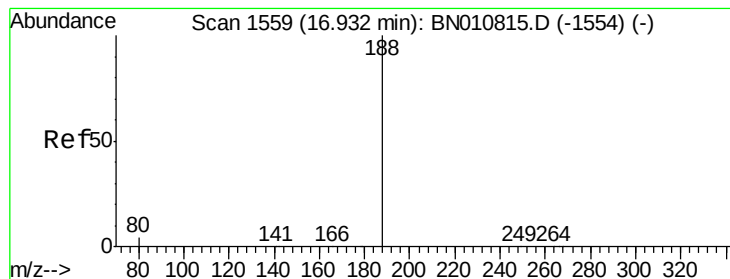
Tot Ion:330 Resp: 359  
 Ion Ratio Lower Upper  
 330 100  
 332 0.0 0.0 0.0  
 141 43.7 33.2 49.8



#15  
 2-Fluorobiphenyl  
 Concen: 0.227 ng  
 RT: 12.77 min Scan# 1181  
 Delta R.T. -0.00 min  
 Lab File: BN011021.D  
 Acq: 23 Jun 2020 04:05

Tgt Ion:172 Resp: 4524  
 Ion Ratio Lower Upper  
 172 100  
 171 36.2 28.5 42.7  
 170 25.0 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BN011021.D

Acq: 23 Jun 2020 04:05

Instrument :

BNA\_N

ClientSampleId :

RE120D1-20200615DL

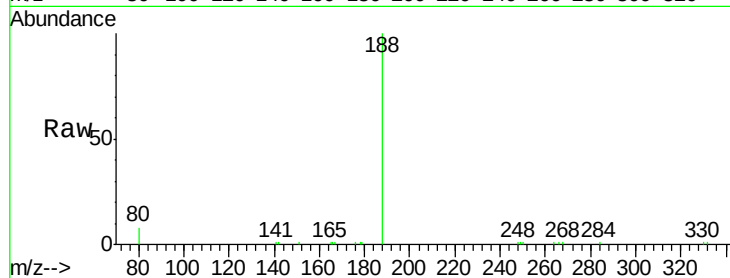
Tot Ion:188 Resp: 10688

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

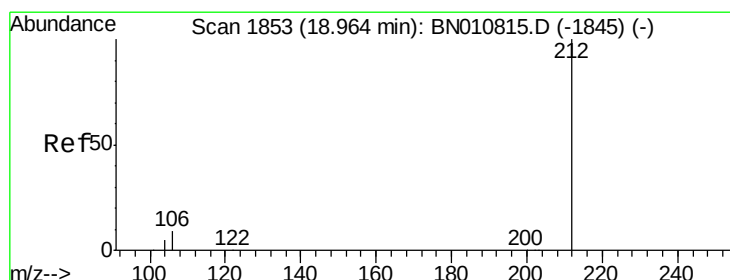
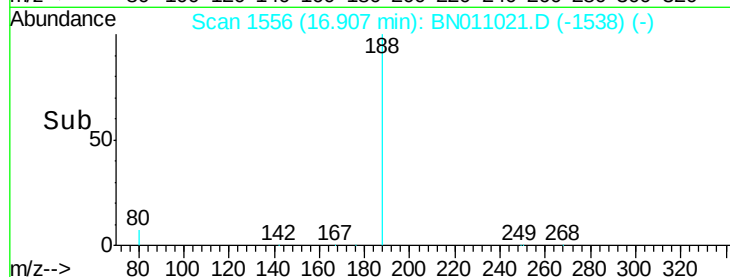
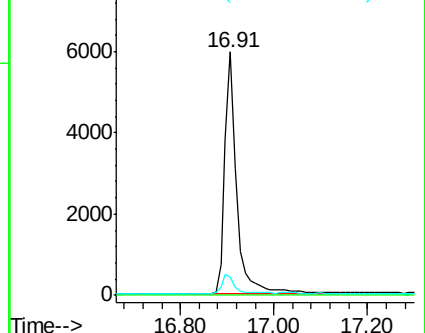
80 7.6 4.5 6.7#



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



#25

Fluoranthene-d10

Concen: 0.235 ng

RT: 18.95 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BN011021.D

Acq: 23 Jun 2020 04:05

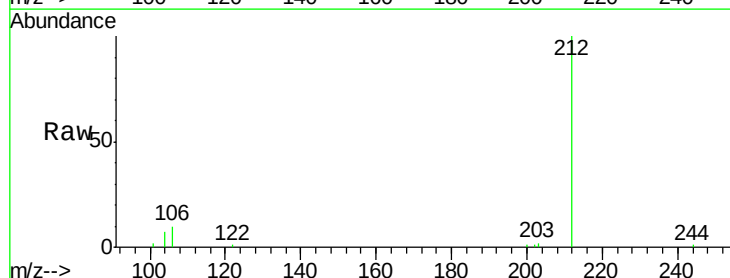
Tgt Ion:212 Resp: 6921

Ion Ratio Lower Upper

212 100

106 9.6 6.6 10.0

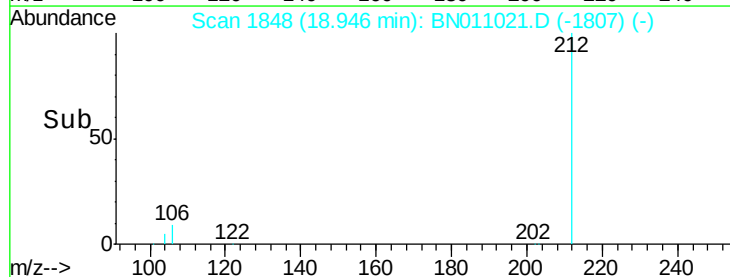
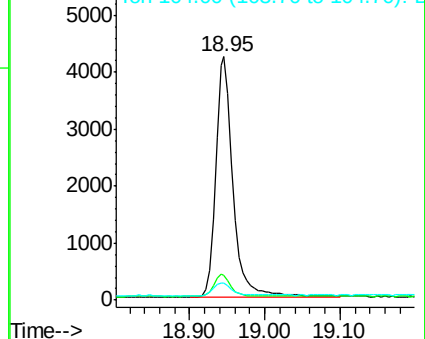
104 5.7 4.0 6.0



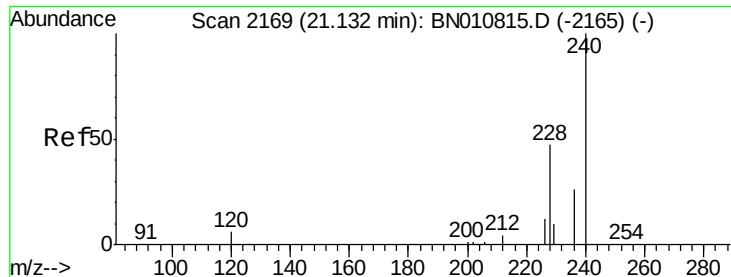
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



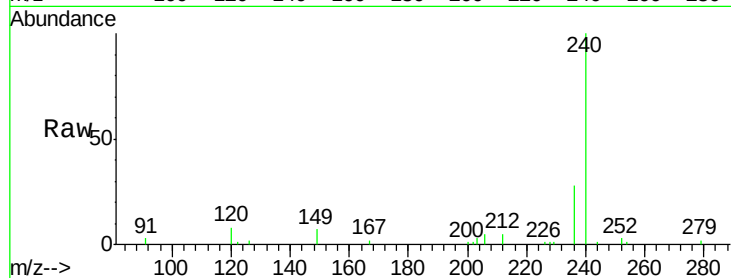




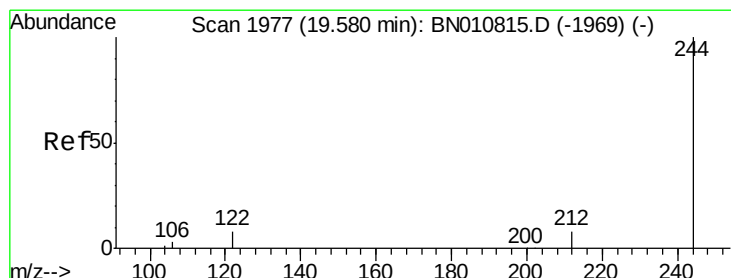
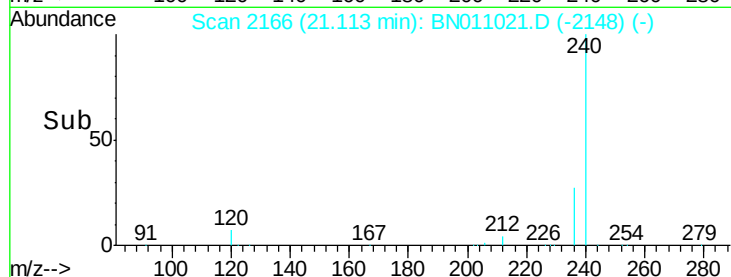
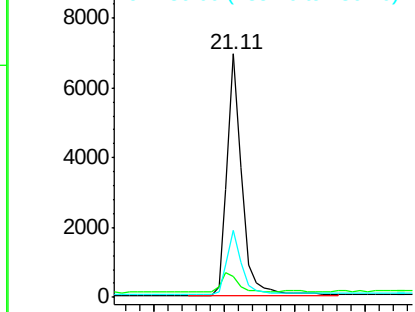
#27  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.11 min Scan# 2166  
Delta R.T. -0.01 min  
Lab File: BN011021.D  
Acq: 23 Jun 2020 04:05

Instrument :  
BNA\_N  
ClientSampleId :  
RE120D1-20200615DL

Tot Ion:240 Resp: 10177  
Ion Ratio Lower Upper  
240 100  
120 8.5 7.5 11.3  
236 27.7 22.3 33.5

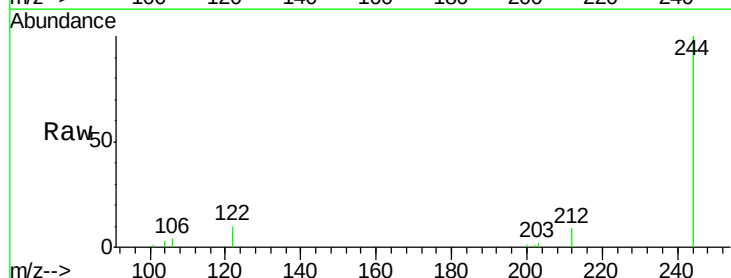


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

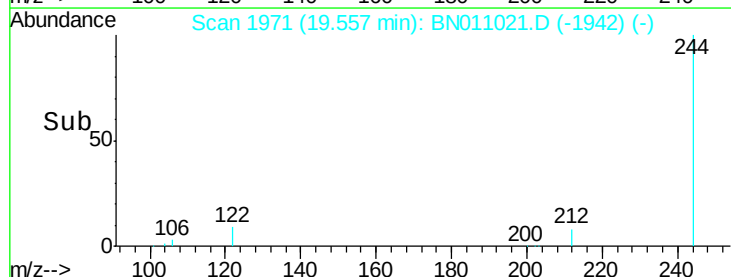
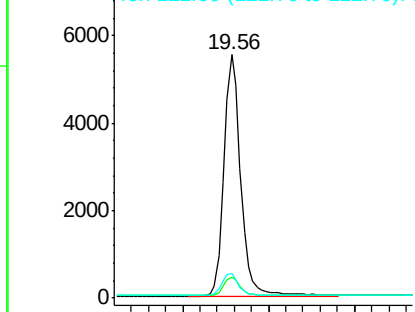


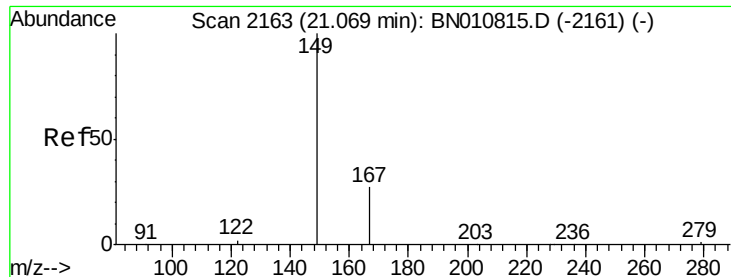
#29  
Terphenyl-d14  
Concen: 0.315 ng  
RT: 19.56 min Scan# 1971  
Delta R.T. -0.01 min  
Lab File: BN011021.D  
Acq: 23 Jun 2020 04:05

Tgt Ion:244 Resp: 7515  
Ion Ratio Lower Upper  
244 100  
212 8.5 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: 0.041 ng

RT: 21.05 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BN011021.D

Acq: 23 Jun 2020 04:05

Instrument :

BNA\_N

ClientSampleId :

RE120D1-20200615DL

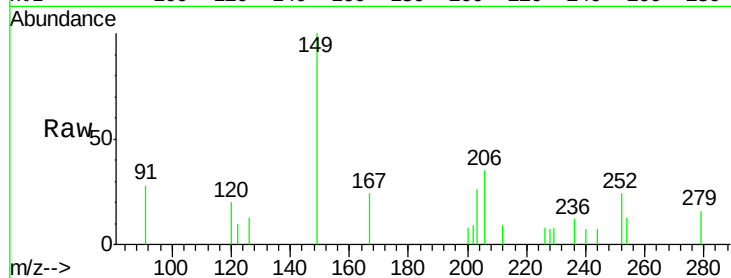
Tot Ion:149 Resp: 412

Ion Ratio Lower Upper

149 100

167 28.4 24.1 36.1

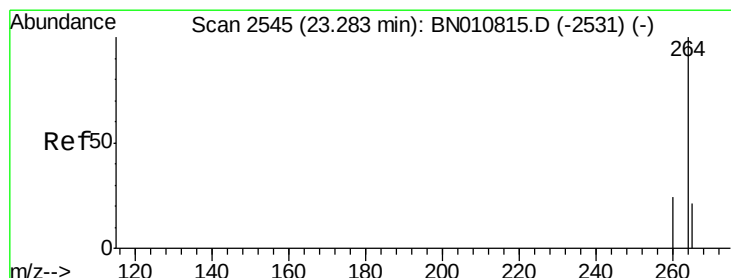
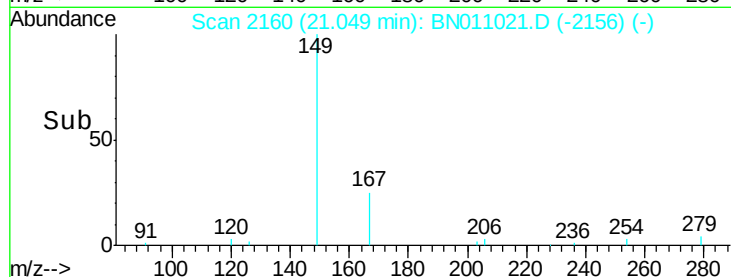
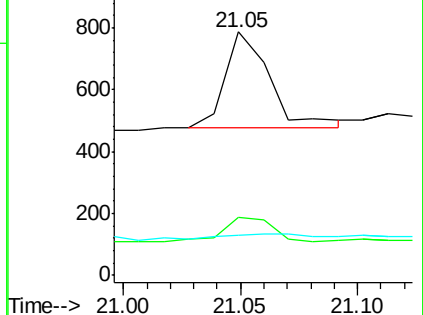
279 0.0 4.6 7.0#



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# 2535

Delta R.T. -0.01 min

Lab File: BN011021.D

Acq: 23 Jun 2020 04:05

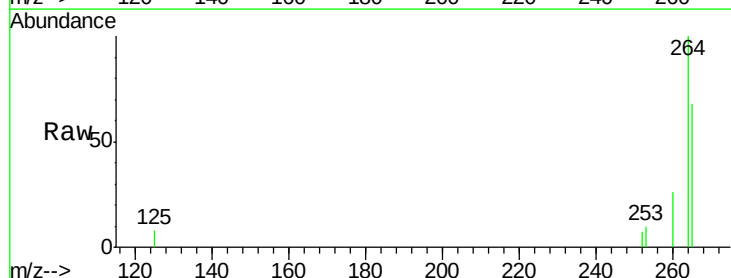
Tgt Ion:264 Resp: 10860

Ion Ratio Lower Upper

264 100

260 25.9 20.4 30.6

265 67.7 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

