

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\  
 Data File : BN010915.D  
 Acq On : 16 Jun 2020 20:03  
 Operator : CG/JU  
 Sample : L3011-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EB-20200611

Quant Time: Jun 17 03:34:44 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 16 08:49:35 2020  
 Response via : Initial Calibration

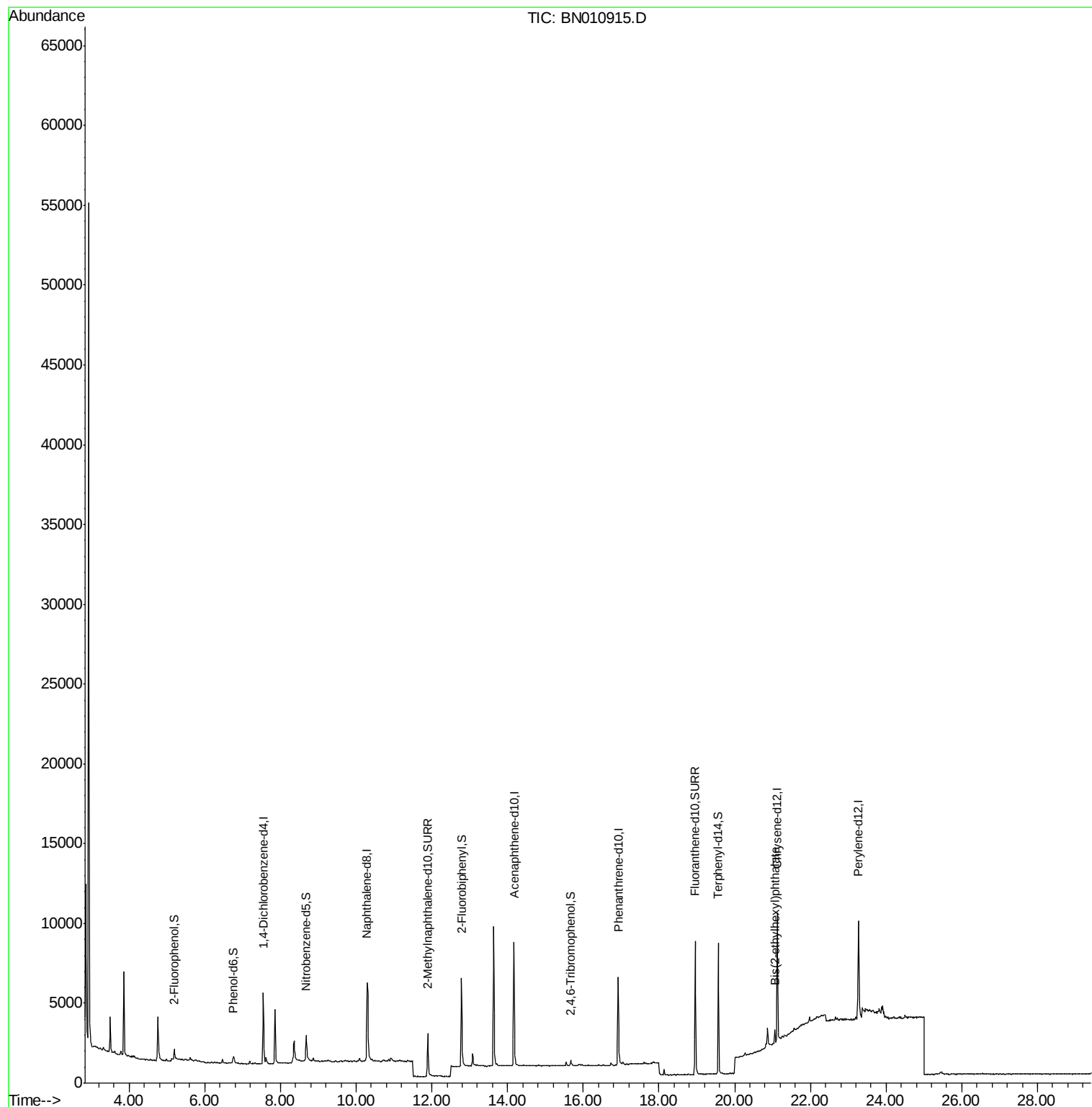
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.54  | 152  | 2433     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.29 | 136  | 8311     | 0.40  | ng    | -0.01    |
| 13) Acenaphthene-d10           | 14.17 | 164  | 4994     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 16.92 | 188  | 9347     | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12               | 21.12 | 240  | 8616     | 0.40  | ng    | -0.01    |
| 34) Perylene-d12               | 23.27 | 264  | 8663     | 0.40  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.20  | 112  | 624      | 0.13  | ng    | 0.00     |
| 5) Phenol-d6                   | 6.74  | 99   | 386      | 0.07  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 8.68  | 82   | 1963     | 0.32  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 11.89 | 152  | 4234     | 0.33  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 15.67 | 330  | 348      | 0.19  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 12.79 | 172  | 5556     | 0.28  | ng    | 0.00     |
| 25) Fluoranthene-d10           | 18.95 | 212  | 11379    | 0.44  | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.56 | 244  | 8848     | 0.44  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 32) Bis(2-ethylhexyl)phthalate | 21.07 | 149  | 886      | 0.105 | ng    | 97       |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\  
Data File : BN010915.D  
Acq On : 16 Jun 2020 20:03  
Operator : CG/JU  
Sample : L3011-02  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
EB-20200611

Quant Time: Jun 17 03:34:44 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 16 08:49:35 2020  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.54 min Scan# 585

Delta R.T. -0.01 min

Lab File: BN010915.D

Acq: 16 Jun 2020 20:03

Instrument :

BNA\_N

ClientSampleId :

EB-20200611

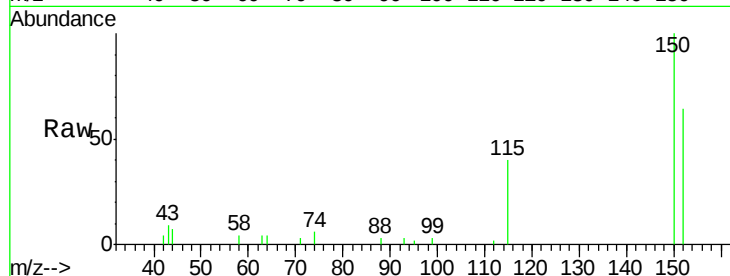
Tot Ion:152 Resp: 2433

Ion Ratio Lower Upper

152 100

150 156.8 123.8 185.6

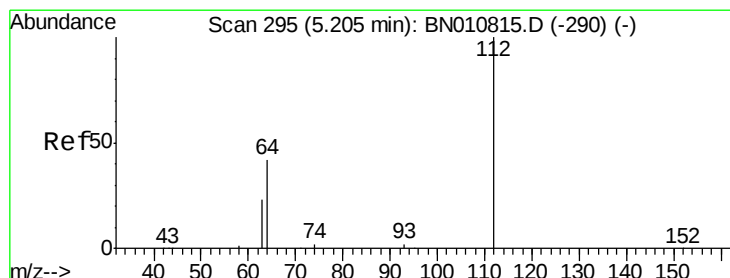
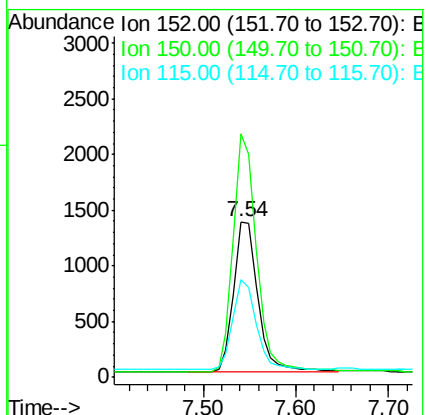
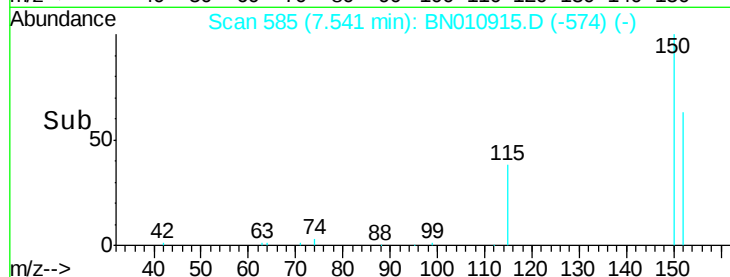
115 62.8 49.2 73.8



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



#4

2-Fluorophenol

Concen: 0.133 ng

RT: 5.20 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN010915.D

Acq: 16 Jun 2020 20:03

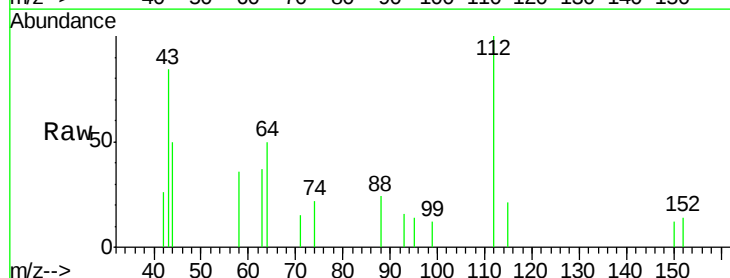
Tgt Ion:112 Resp: 624

Ion Ratio Lower Upper

112 100

64 50.2 37.4 56.0

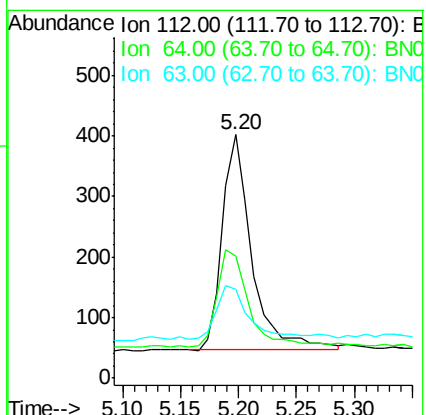
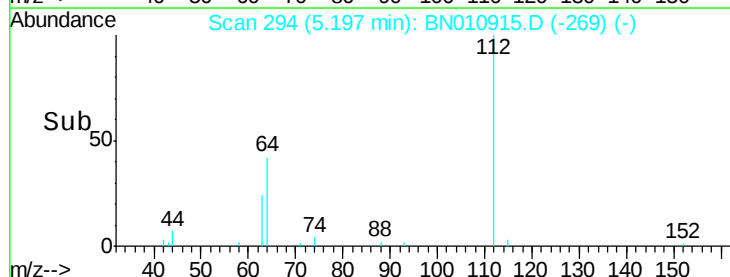
63 29.2 22.2 33.4

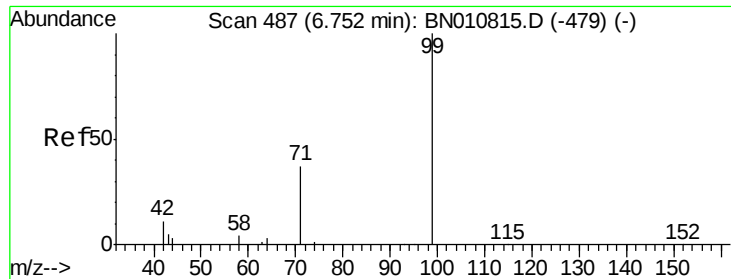


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.070 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.00 min

Lab File: BN010915.D

Acq: 16 Jun 2020 20:03

Instrument :

BNA\_N

ClientSampleId :

EB-20200611

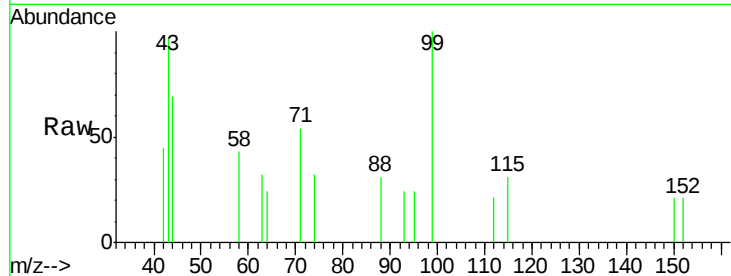
Tot Ion: 99 Resp: 386

Ion Ratio Lower Upper

99 100

42 21.0 11.1 16.7#

71 51.3 31.4 47.2#



Abundance Ion 99.00 (98.70 to 99.70): BN010915.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010915.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010915.D (-479) (-)

6.74

250

200

150

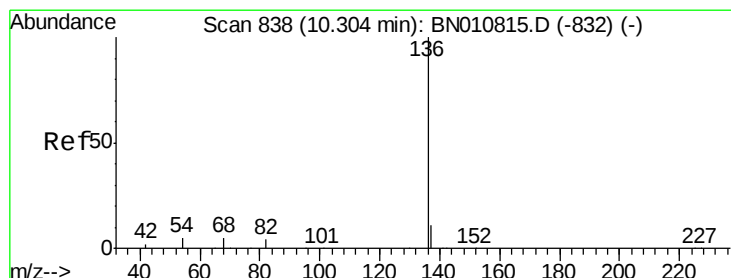
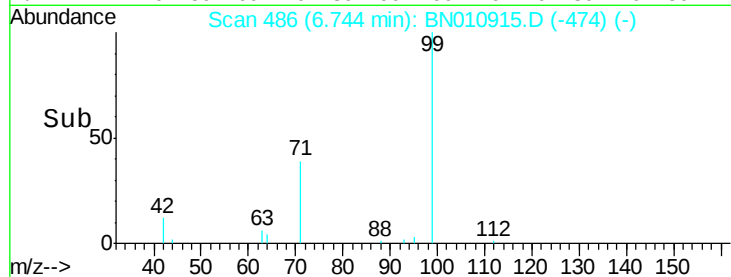
100

50

0

6.70 6.80

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010915.D

Acq: 16 Jun 2020 20:03

Tgt Ion: 136 Resp: 8311

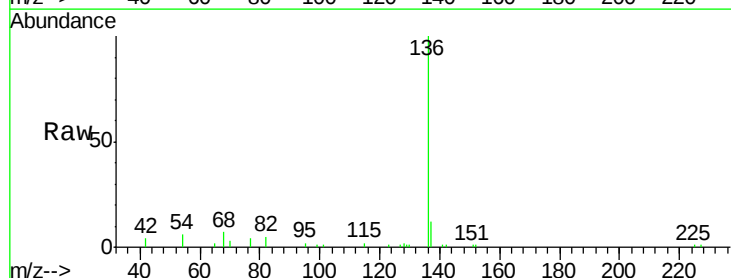
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 5.8 4.9 7.3

68 6.5 4.7 7.1



Abundance Ion 136.00 (135.70 to 136.70): BN010915.D (-822) (-)

Ion 137.00 (136.70 to 137.70): BN010915.D (-822) (-)

Ion 54.00 (53.70 to 54.70): BN010915.D (-822) (-)

Ion 68.00 (67.70 to 68.70): BN010915.D (-822) (-)

10.29

6000

5000

4000

3000

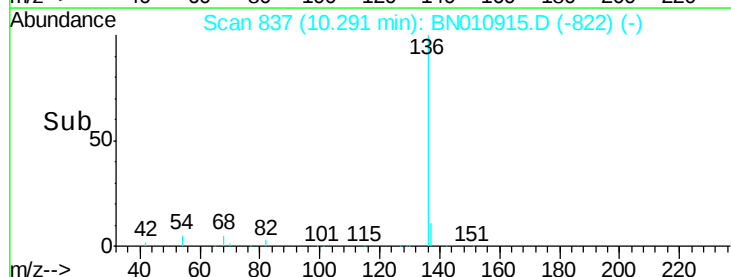
2000

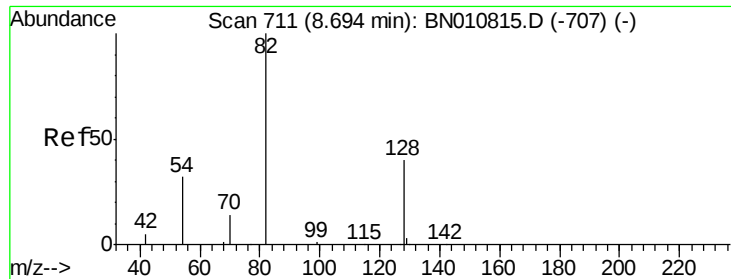
1000

0

10.20 10.30 10.40 10.50

Time-->

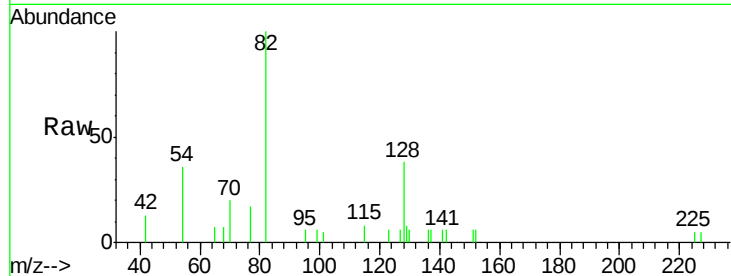




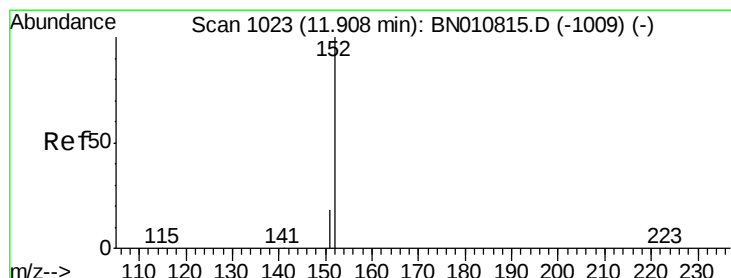
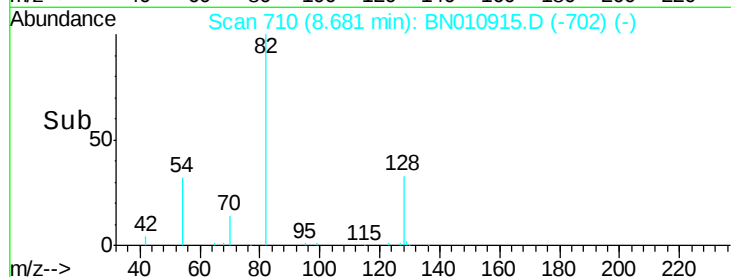
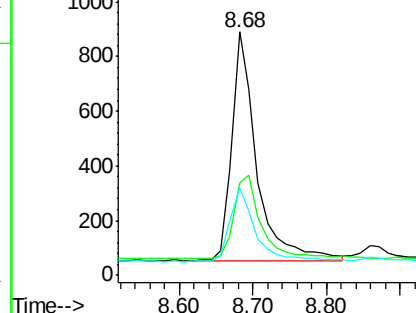
#8  
 Nitrobenzene-d5  
 Concen: 0.319 ng  
 RT: 8.68 min Scan# 710  
 Delta R.T. -0.00 min  
 Lab File: BN010915.D  
 Acq: 16 Jun 2020 20:03

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EB-20200611

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 82    | Resp: | 1963  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 38.0  | 35.4  | 53.0  |
| 54       | 36.1  | 28.2  | 42.4  |

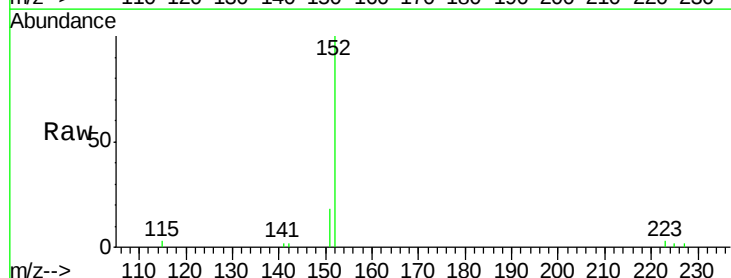


Abundance Ion 82.00 (81.70 to 82.70): BN010815.D (-707) (-)  
 Ion 128.00 (127.70 to 128.70): BN010815.D (-707) (-)  
 Ion 54.00 (53.70 to 54.70): BN010815.D (-707) (-)

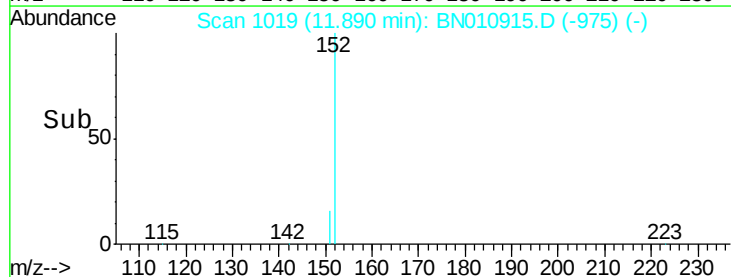
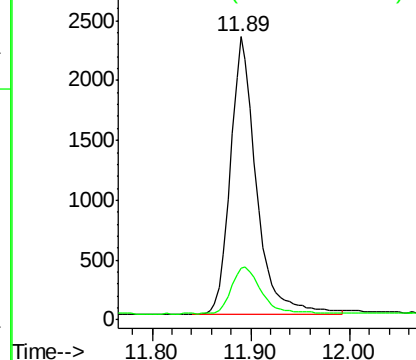


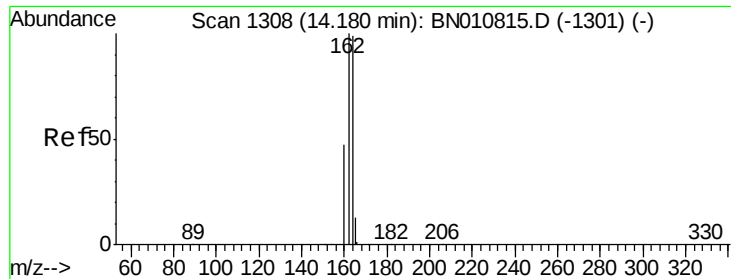
#11  
 2-Methylnaphthalene-d10  
 Concen: 0.328 ng  
 RT: 11.89 min Scan# 1019  
 Delta R.T. -0.00 min  
 Lab File: BN010915.D  
 Acq: 16 Jun 2020 20:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 4234  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 19.5  | 15.3  | 22.9  |



Abundance Ion 152.00 (151.70 to 152.70): BN010815.D (-1009) (-)  
 Ion 151.00 (150.70 to 151.70): BN010815.D (-1009) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BN010915.D

Acq: 16 Jun 2020 20:03

Instrument :

BNA\_N

ClientSampleId :

EB-20200611

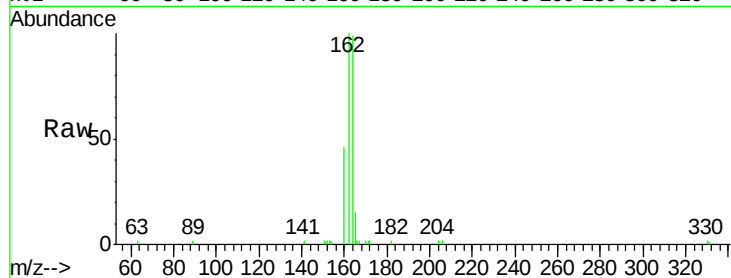
Tot Ion:164 Resp: 4994

Ion Ratio Lower Upper

164 100

162 100.8 81.0 121.6

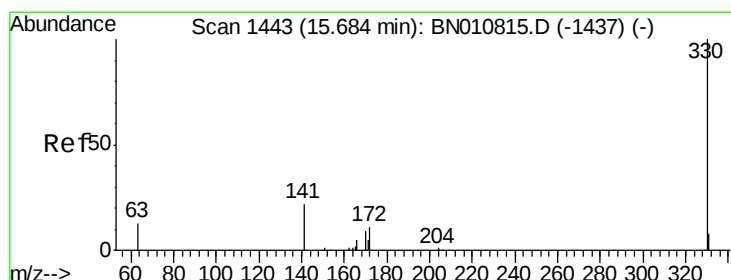
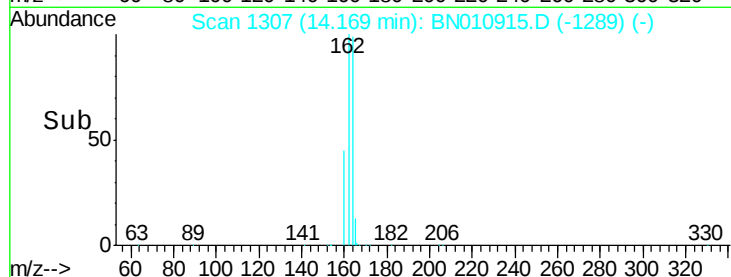
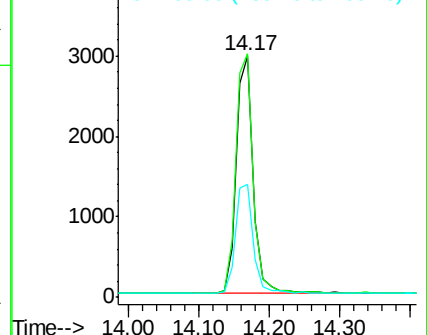
160 46.6 38.9 58.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.195 ng

RT: 15.67 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN010915.D

Acq: 16 Jun 2020 20:03

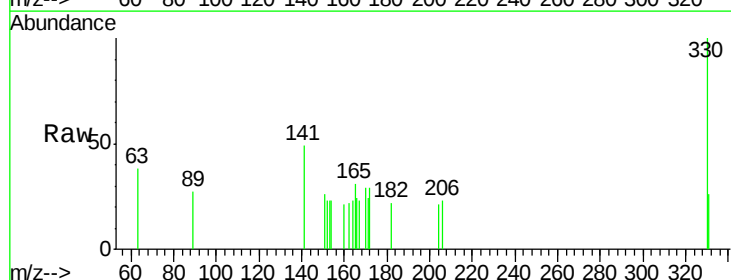
Tgt Ion:330 Resp: 348

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

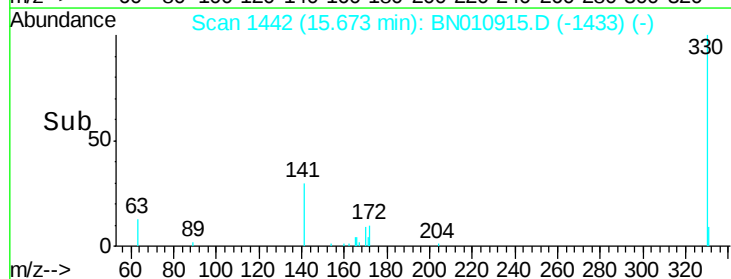
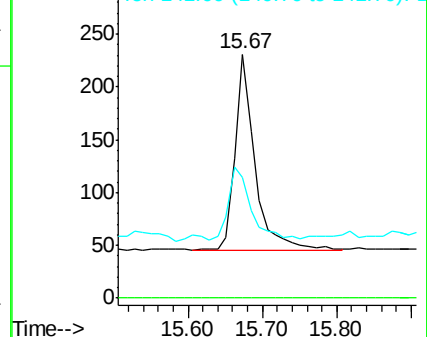
141 41.4 33.2 49.8

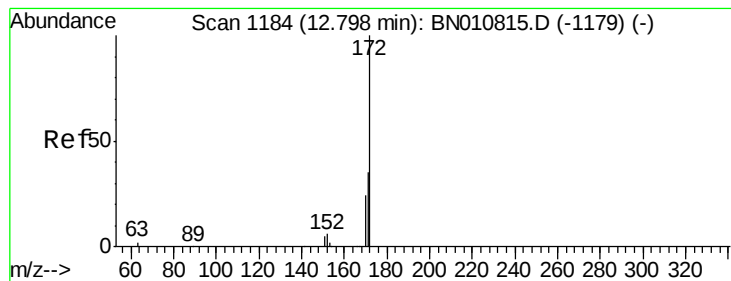


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.282 ng

RT: 12.79 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BN010915.D

Acq: 16 Jun 2020 20:03

Instrument :

BNA\_N

ClientSampleId :

EB-20200611

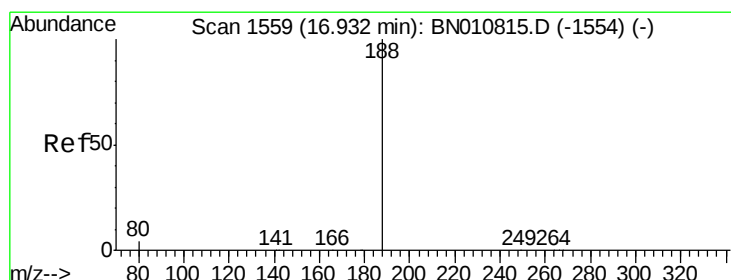
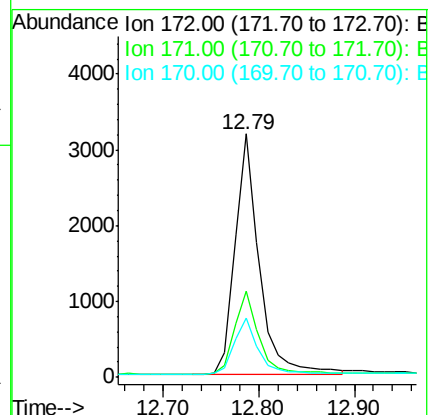
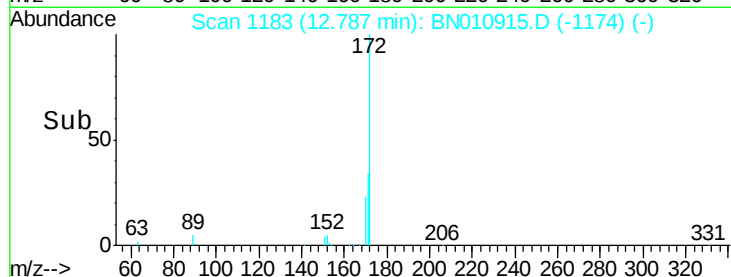
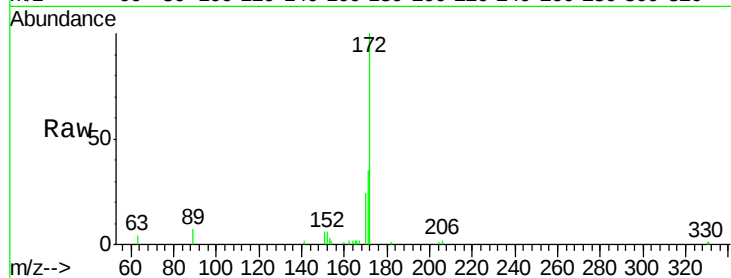
Tot Ion:172 Resp: 5556

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 24.3 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BN010915.D

Acq: 16 Jun 2020 20:03

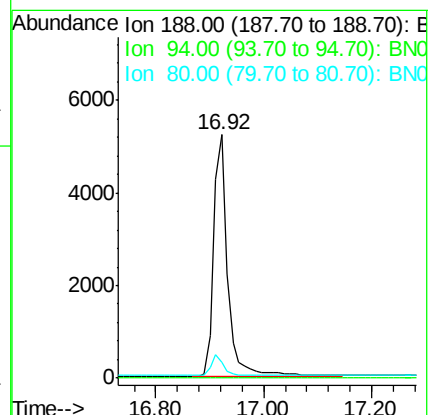
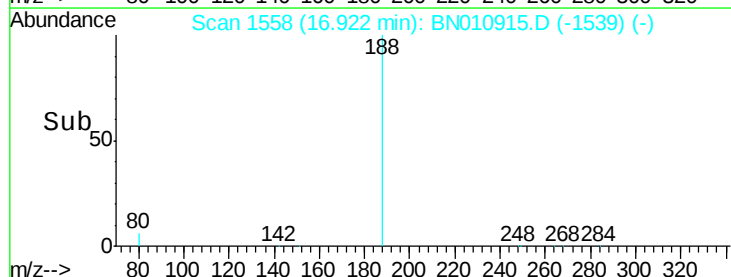
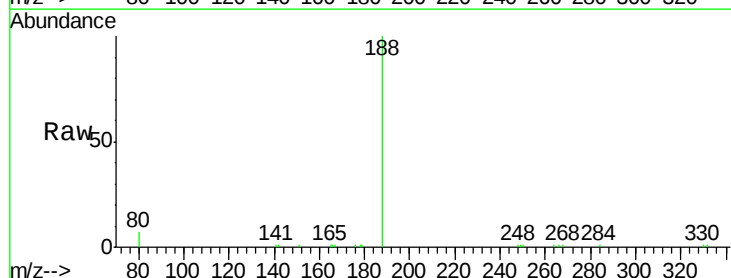
Tgt Ion:188 Resp: 9347

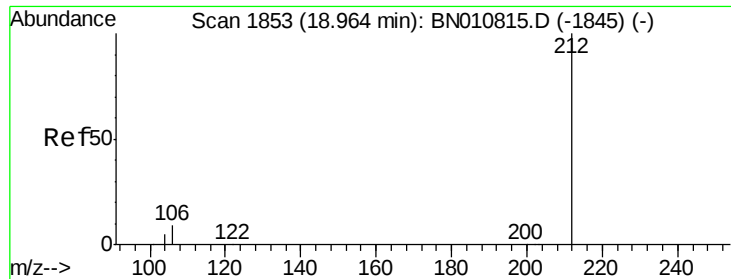
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.7 4.5 6.7





#25

Fluoranthene-d10

Concen: 0.441 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BN010915.D

Acq: 16 Jun 2020 20:03

Instrument :

BNA\_N

ClientSampleId :

EB-20200611

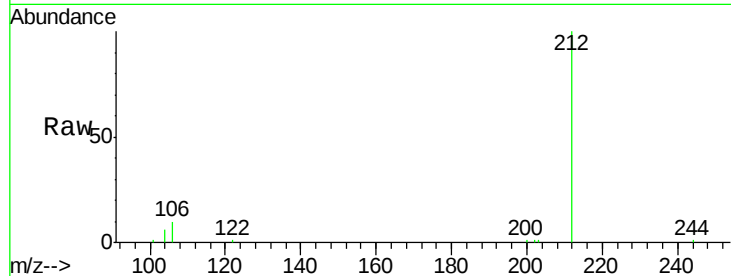
Tot Ion:212 Resp: 11379

Ion Ratio Lower Upper

212 100

106 9.3 6.6 10.0

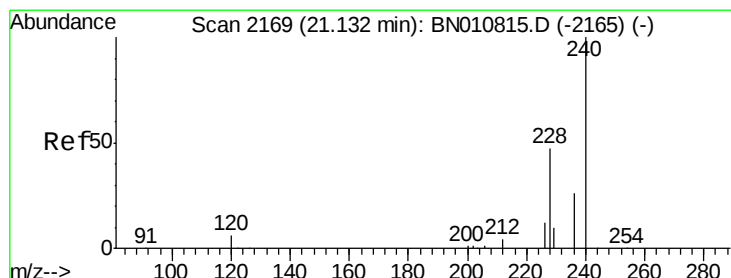
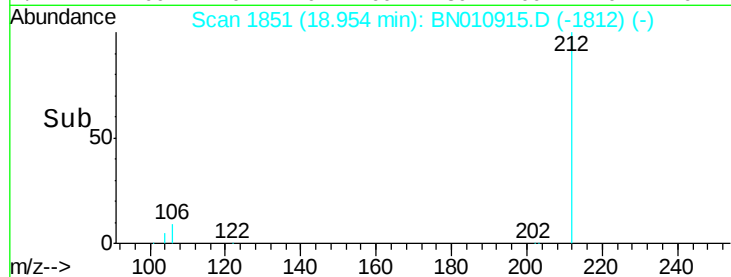
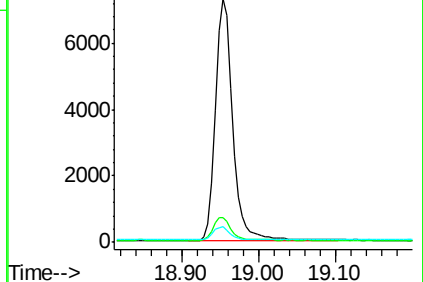
104 5.3 4.0 6.0



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: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN010915.D

Acq: 16 Jun 2020 20:03

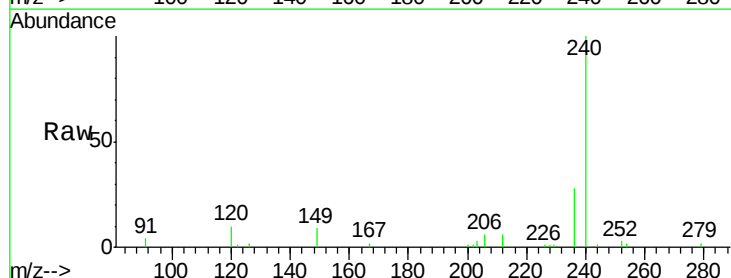
Tgt Ion:240 Resp: 8616

Ion Ratio Lower Upper

240 100

120 10.1 7.5 11.3

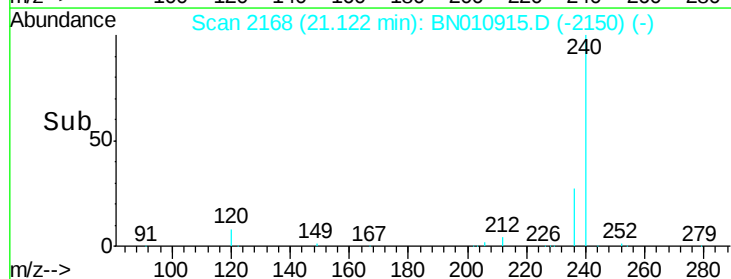
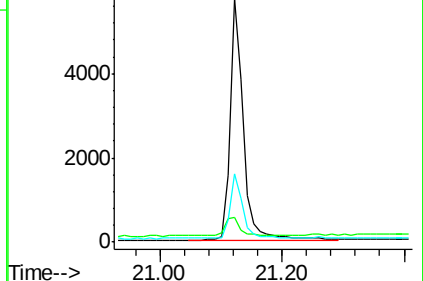
236 27.9 22.3 33.5

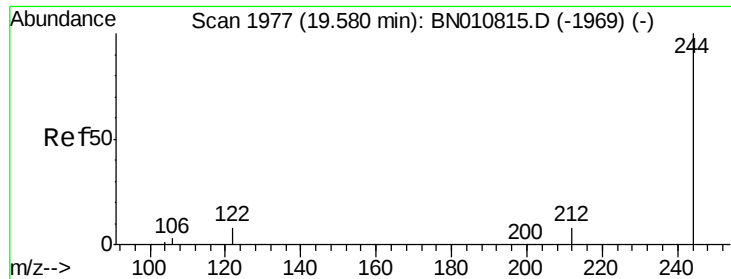


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.439 ng

RT: 19.56 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BN010915.D

Acq: 16 Jun 2020 20:03

Instrument :

BNA\_N

ClientSampleId :

EB-20200611

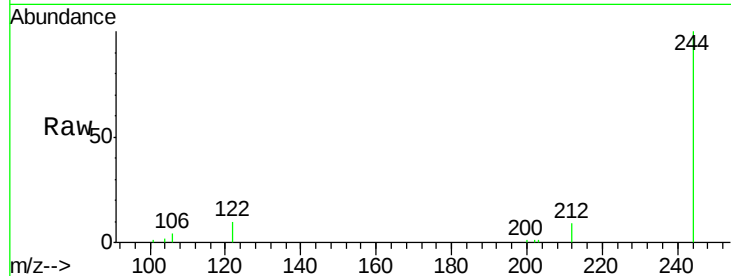
Tot Ion:244 Resp: 8848

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

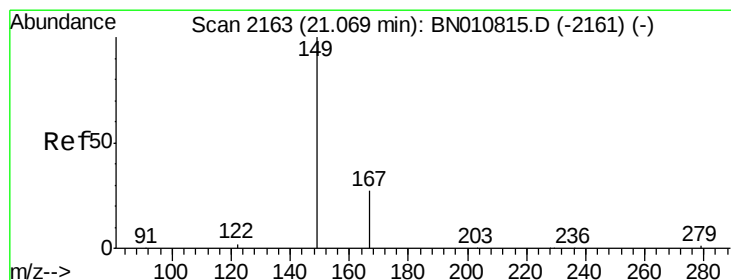
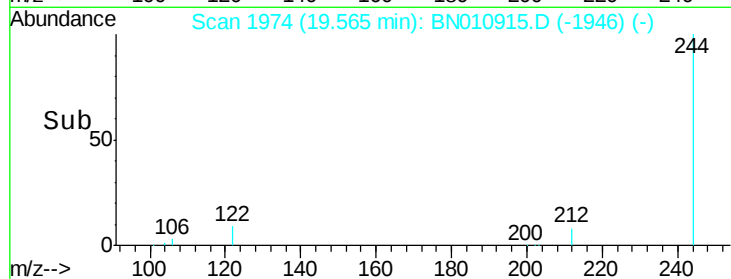
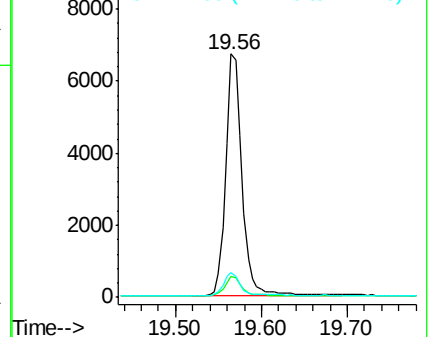
122 10.4 7.5 11.3



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: 0.105 ng

RT: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN010915.D

Acq: 16 Jun 2020 20:03

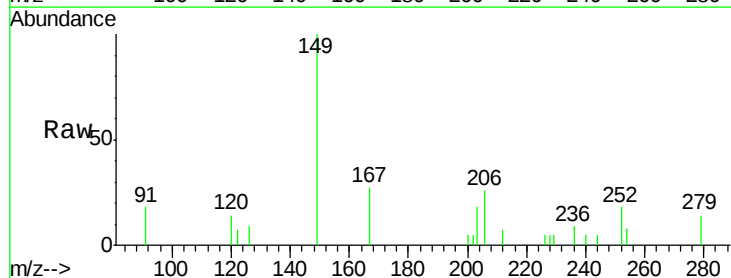
Tgt Ion:149 Resp: 886

Ion Ratio Lower Upper

149 100

167 28.3 24.1 36.1

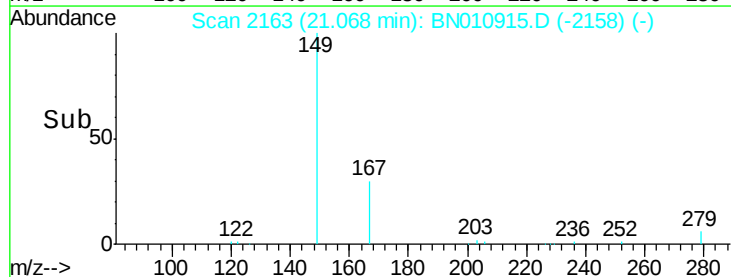
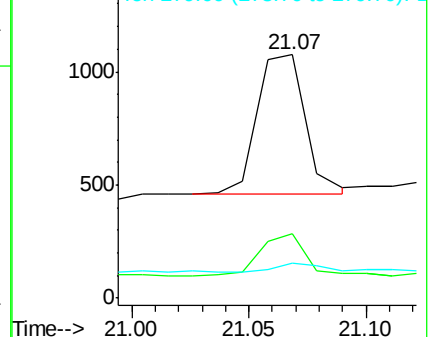
279 5.1 4.6 7.0

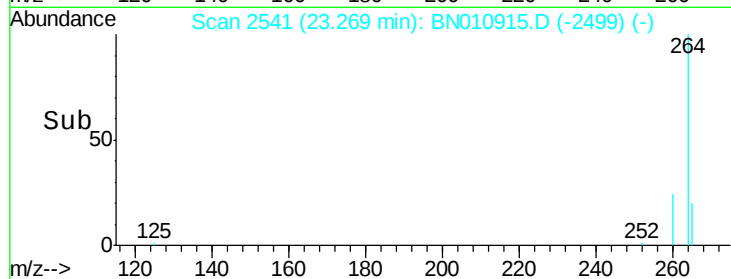
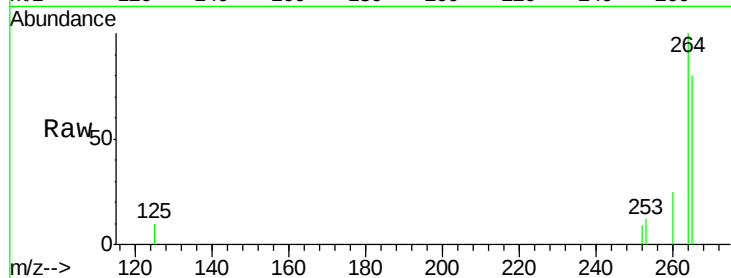
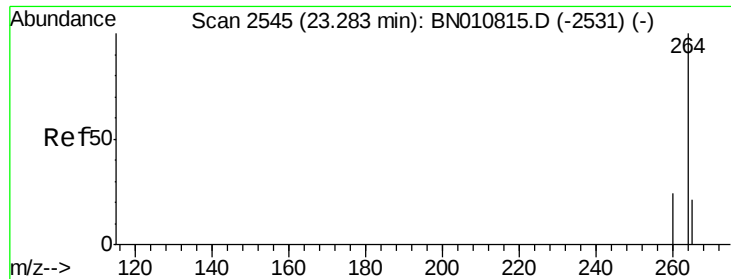


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.27 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BN010915.D

Acq: 16 Jun 2020 20:03

Instrument :

BNA\_N

ClientSampleId :

EB-20200611

Tot Ion: 264 Resp: 8663

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 79.6 75.0 112.4

