

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121719\  
 Data File : BN009014.D  
 Acq On : 17 Dec 2019 13:40  
 Operator : JU  
 Sample : K6237-04  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 KY038PS038-191209

Quant Time: Dec 18 12:31:38 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 09 17:02:53 2019  
 Response via : Initial Calibration

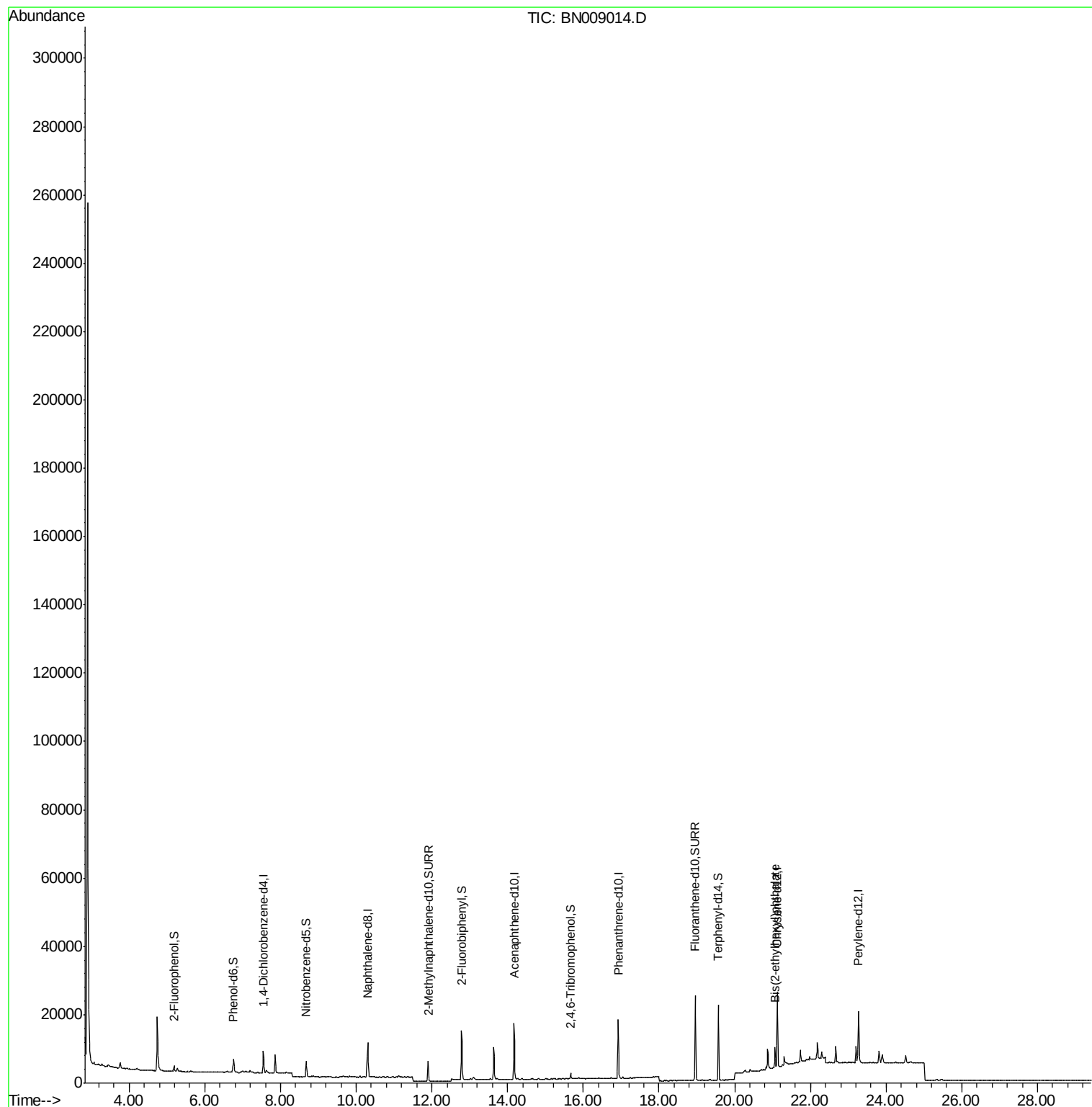
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.55  | 152  | 3107     | 0.40  | ng    | -0.02    |
| 7) Naphthalene-d8              | 10.30 | 136  | 12879    | 0.40  | ng    | -0.01    |
| 13) Acenaphthene-d10           | 14.17 | 164  | 9338     | 0.40  | ng    | -0.01    |
| 19) Phenanthrene-d10           | 16.92 | 188  | 22732    | 0.40  | ng    | -0.01    |
| 27) Chrysene-d12               | 21.12 | 240  | 20970    | 0.40  | ng    | -0.01    |
| 34) Perylene-d12               | 23.27 | 264  | 18692    | 0.40  | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.19  | 112  | 1281     | 0.16  | ng    | 0.00     |
| 5) Phenol-d6                   | 6.74  | 99   | 1108     | 0.10  | ng    | -0.02    |
| 8) Nitrobenzene-d5             | 8.68  | 82   | 3936     | 0.36  | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10    | 11.90 | 152  | 8671     | 0.39  | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol       | 15.67 | 330  | 1429     | 0.32  | ng    | -0.01    |
| 15) 2-Fluorobiphenyl           | 12.79 | 172  | 13095    | 0.37  | ng    | -0.02    |
| 25) Fluoranthene-d10           | 18.96 | 212  | 28039    | 0.41  | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.57 | 244  | 20807    | 0.43  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 32) Bis(2-ethylhexyl)phthalate | 21.07 | 149  | 5224     | 0.150 | ng    | 97       |

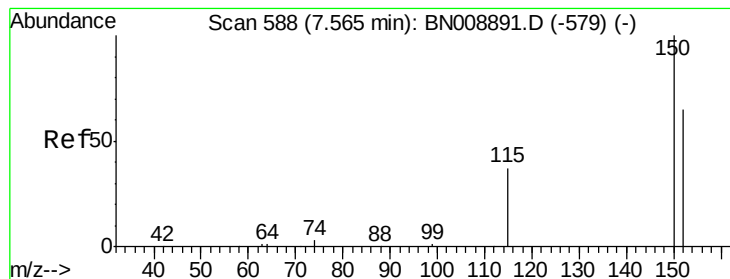
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 09 17:02:53 2019  
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.55 min Scan# 586

Delta R.T. -0.02 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

Instrument :

BNA\_N

ClientSampleId :

KY038PS038-191209

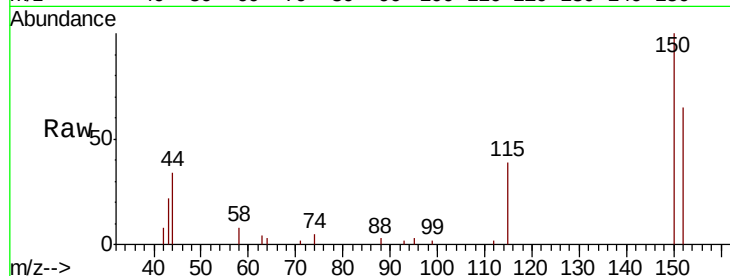
Tot Ion:152 Resp: 3107

Ion Ratio Lower Upper

152 100

150 154.5 122.3 183.5

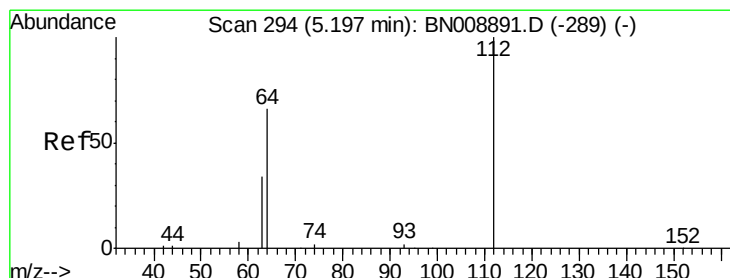
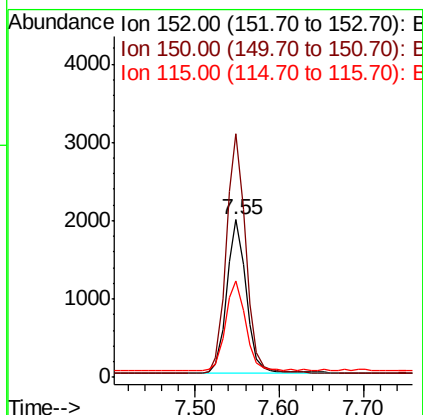
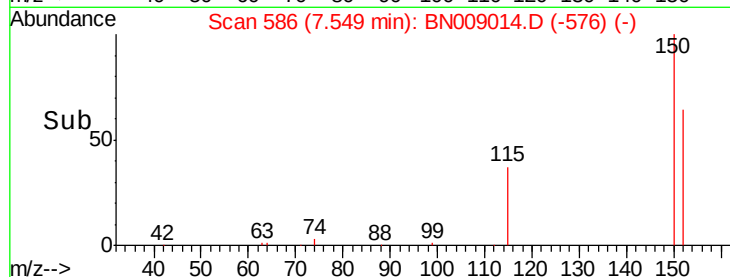
115 60.8 48.4 72.6



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: 0.162 ng

RT: 5.19 min Scan# 293

Delta R.T. -0.01 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

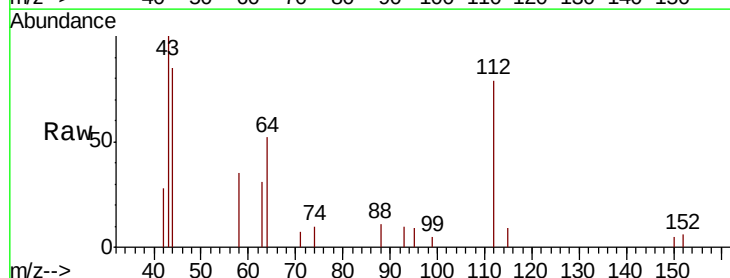
Tgt Ion:112 Resp: 1281

Ion Ratio Lower Upper

112 100

64 72.6 57.7 86.5

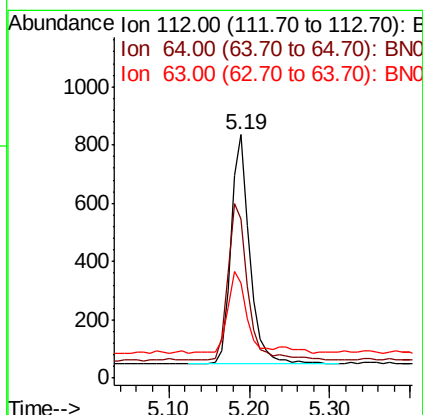
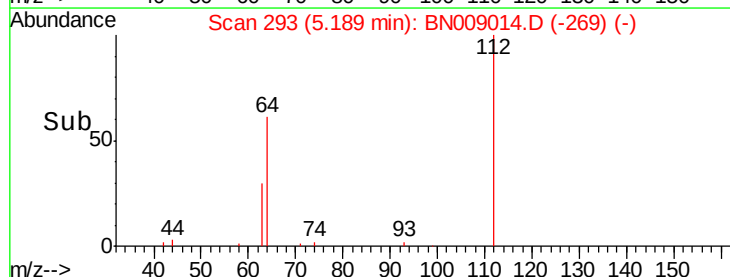
63 34.4 29.6 44.4

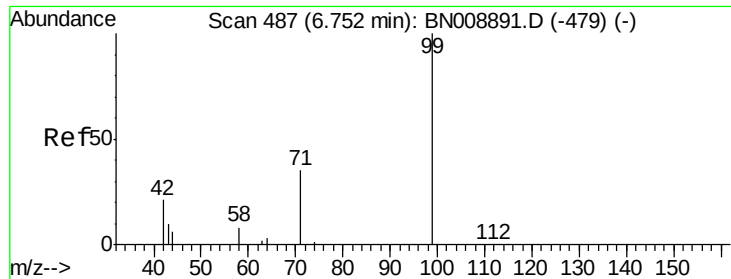


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.101 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.02 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

Instrument :

BNA\_N

ClientSampleId :

KY038PS038-191209

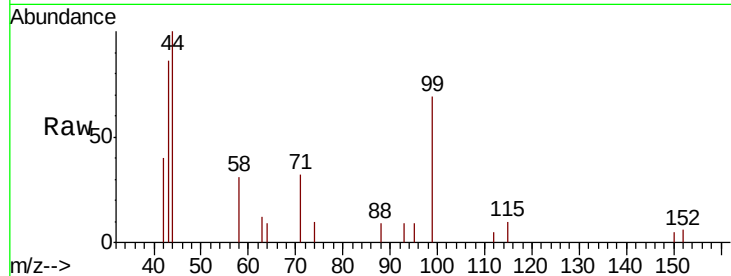
Tot Ion: 99 Resp: 1108

Ion Ratio Lower Upper

99 100

42 0.0 20.1 30.1#

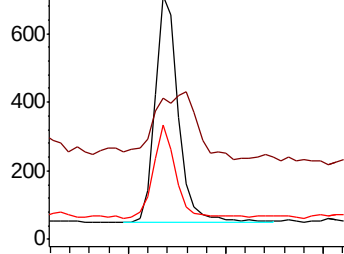
71 39.6 28.2 42.2



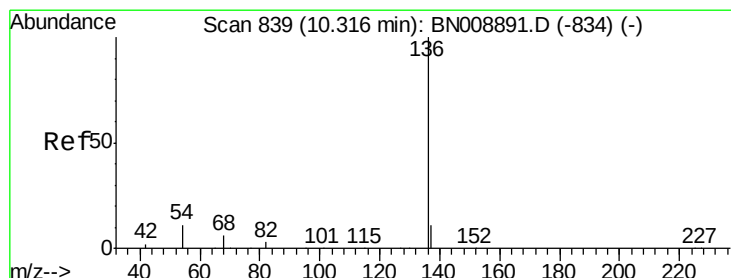
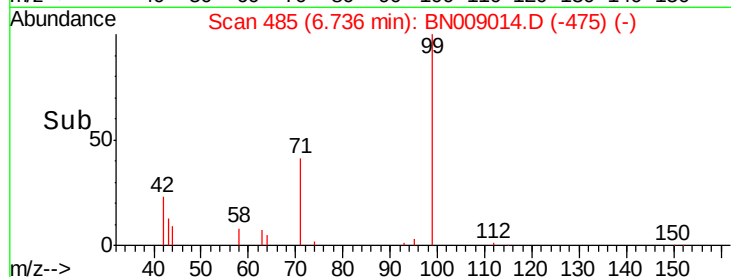
Abundance Ion 99.00 (98.70 to 99.70): BN008891.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN008891.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN008891.D (-479) (-)



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.01 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

Tgt Ion: 136 Resp: 12879

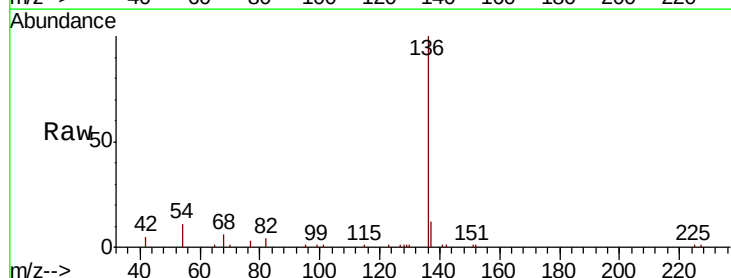
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 10.9 9.6 14.4

68 6.5 5.6 8.4

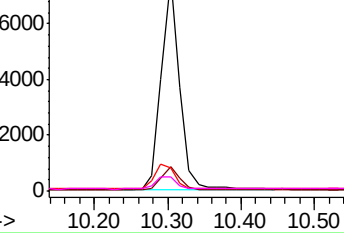


Abundance Ion 136.00 (135.70 to 136.70): BN008891.D (-834) (-)

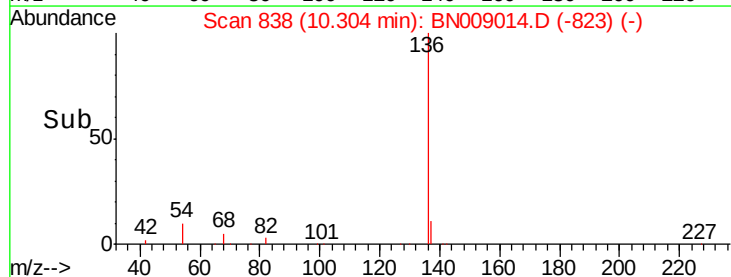
Ion 137.00 (136.70 to 137.70): BN008891.D (-834) (-)

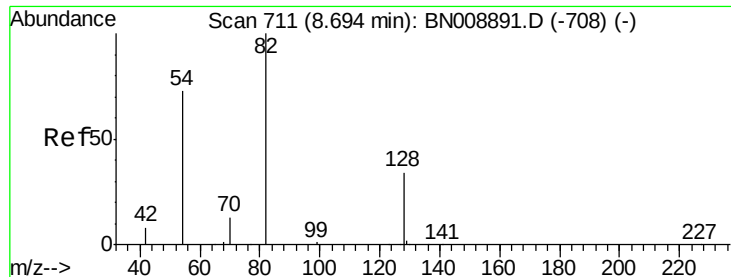
Ion 54.00 (53.70 to 54.70): BN008891.D (-834) (-)

Ion 68.00 (67.70 to 68.70): BN008891.D (-834) (-)



Time-->

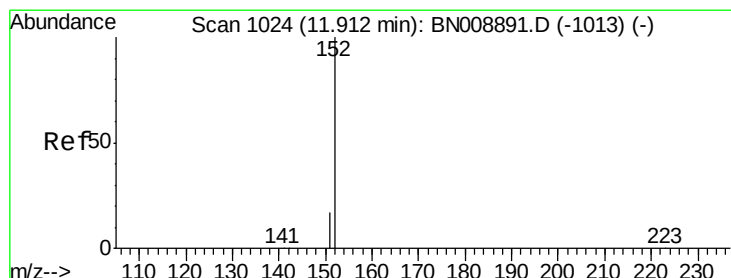
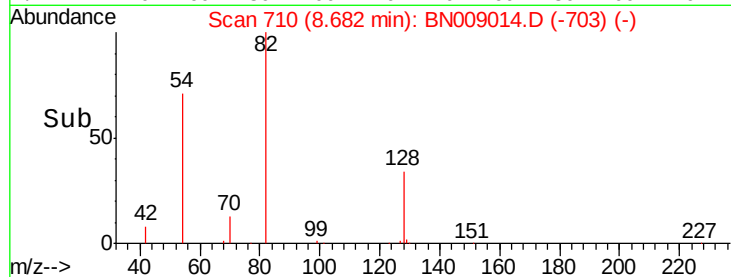
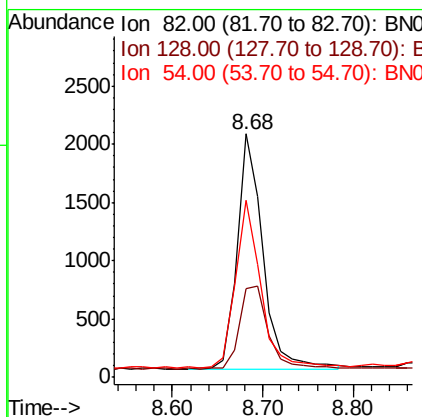
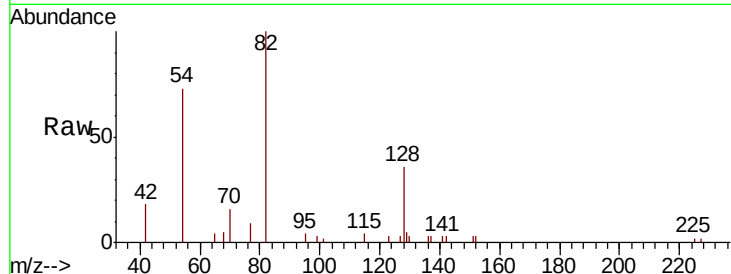




#8  
 Nitrobenzene-d5  
 Concen: 0.360 ng  
 RT: 8.68 min Scan# 710  
 Delta R.T. -0.01 min  
 Lab File: BN009014.D  
 Acq: 17 Dec 2019 13:40

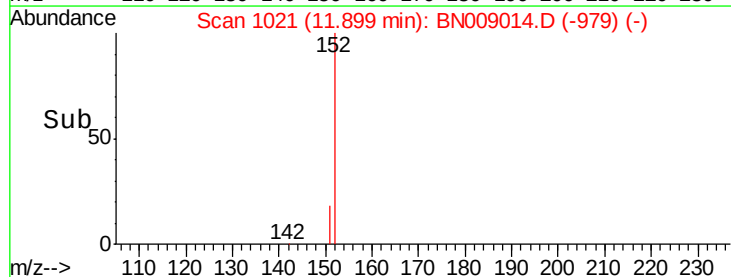
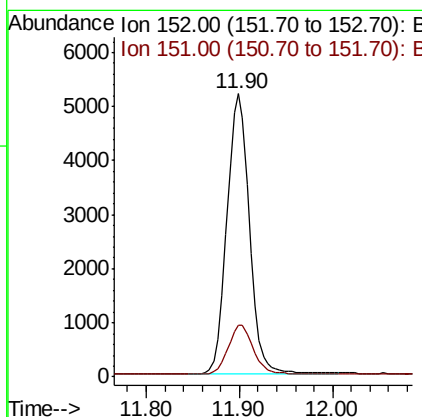
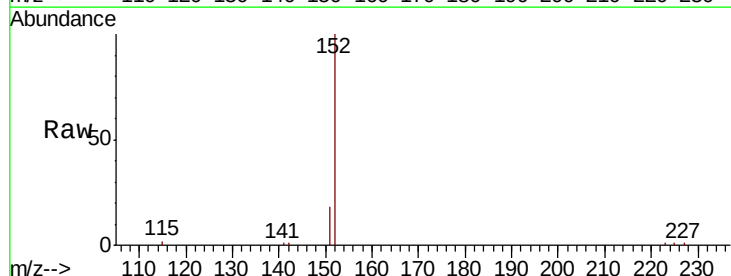
Instrument :  
 BNA\_N  
 ClientSampleId :  
 KY038PS038-191209

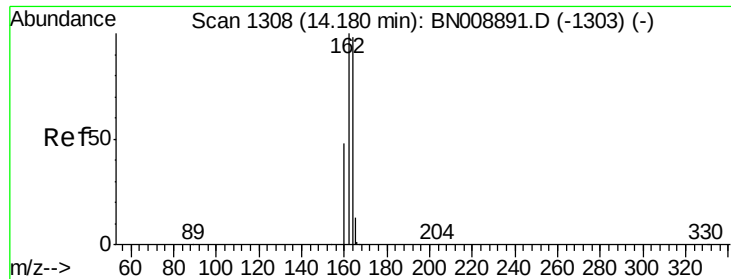
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 82    | Resp: | 3936  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 36.3  | 29.1  | 43.7  |
| 54       | 72.9  | 59.7  | 89.5  |



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.394 ng  
 RT: 11.90 min Scan# 1021  
 Delta R.T. -0.01 min  
 Lab File: BN009014.D  
 Acq: 17 Dec 2019 13:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 8671  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 19.1  | 15.2  | 22.8  |





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

Instrument :

BNA\_N

ClientSampleId :

KY038PS038-191209

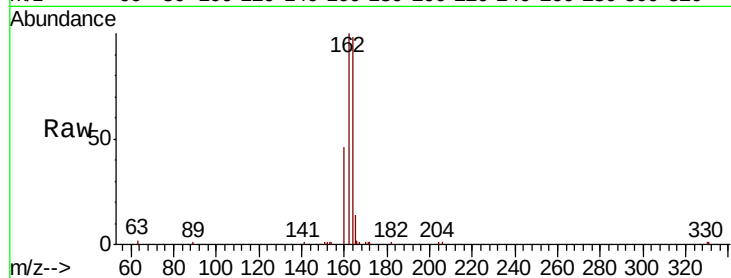
Tot Ion:164 Resp: 9338

Ion Ratio Lower Upper

164 100

162 102.4 81.9 122.9

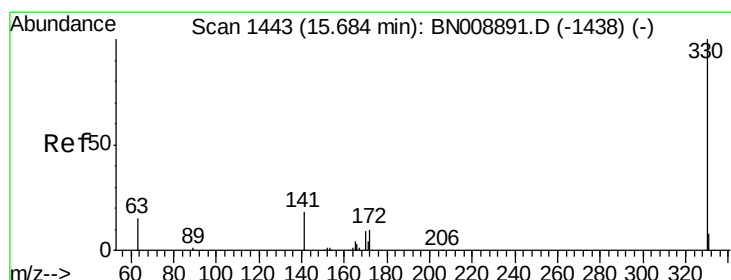
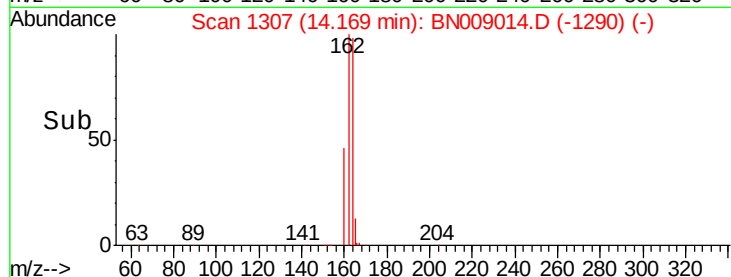
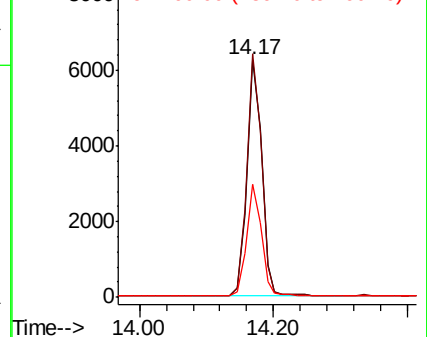
160 47.3 39.3 58.9



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: 0.319 ng

RT: 15.67 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

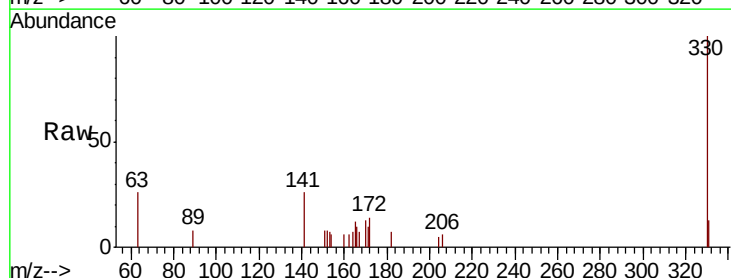
Tgt Ion:330 Resp: 1429

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

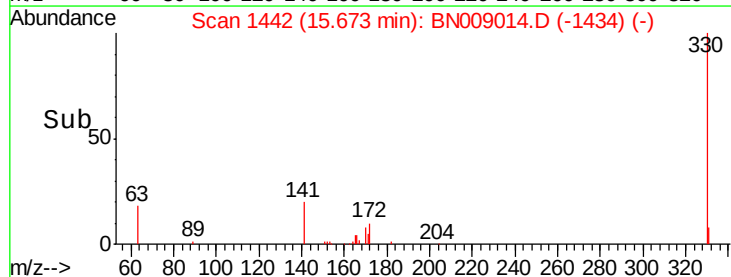
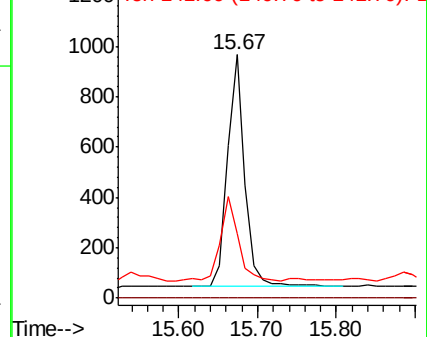
141 37.9 29.6 44.4

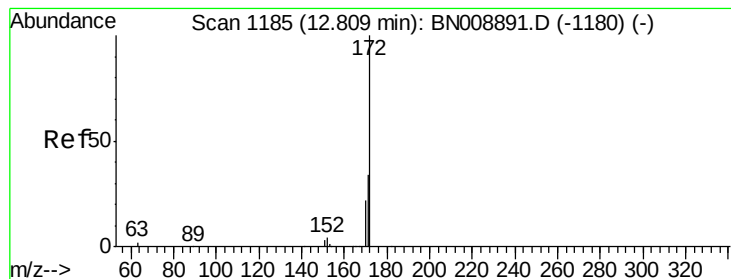


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.369 ng

RT: 12.79 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

Instrument :

BNA\_N

ClientSampleId :

KY038PS038-191209

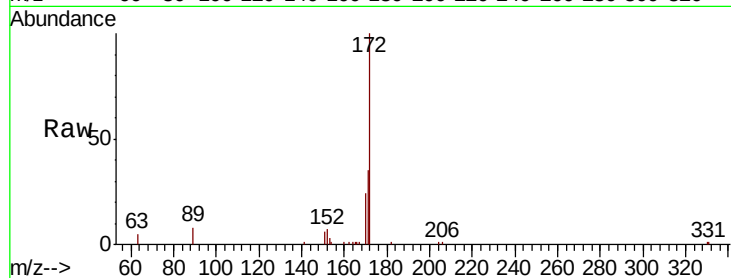
Tot Ion:172 Resp: 13095

Ion Ratio Lower Upper

172 100

171 35.5 27.1 40.7

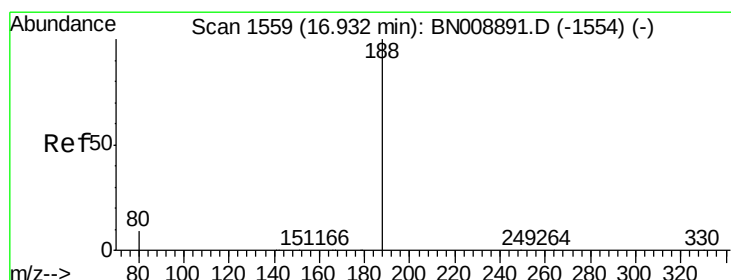
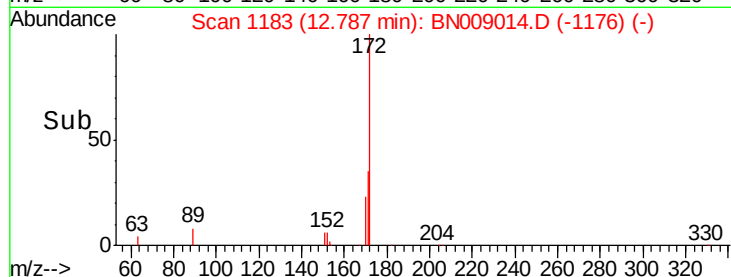
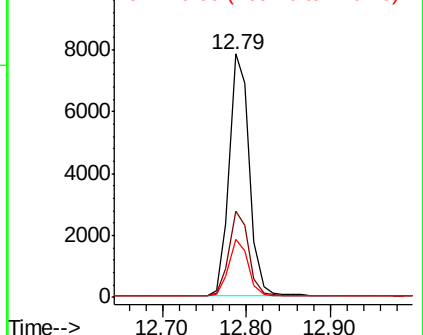
170 23.9 17.7 26.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

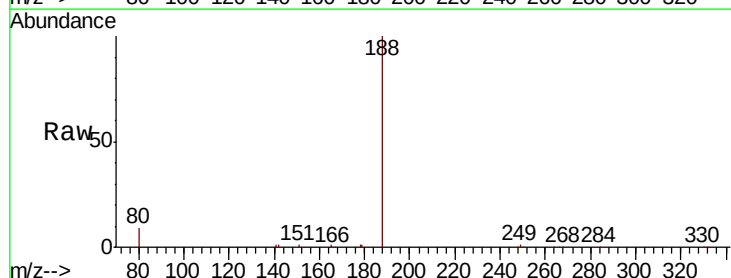
Tgt Ion:188 Resp: 22732

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

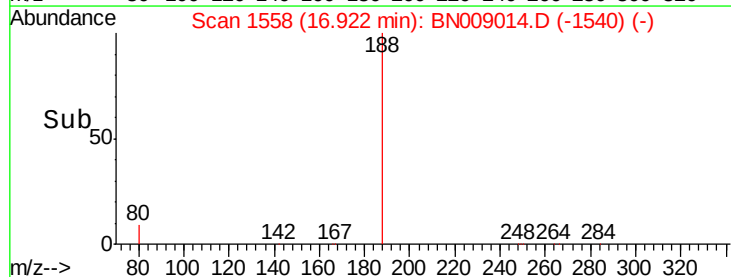
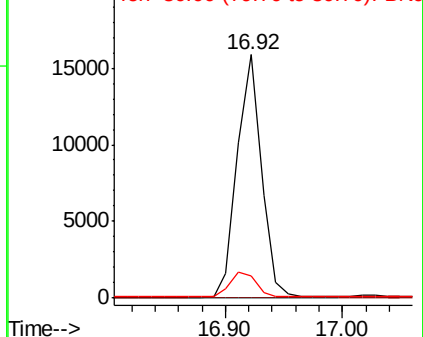
80 9.2 7.3 10.9

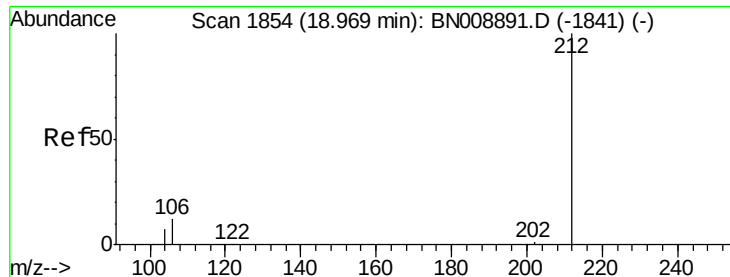


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.408 ng

RT: 18.96 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

Instrument :

BNA\_N

ClientSampleId :

KY038PS038-191209

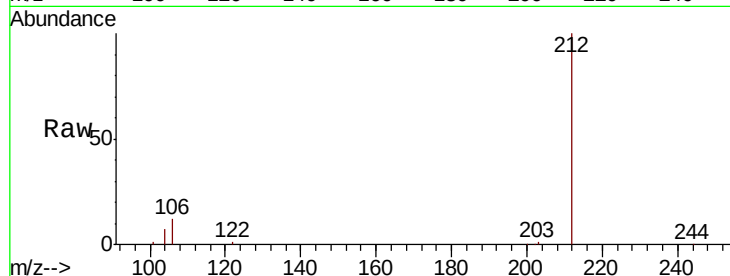
Tot Ion:212 Resp: 28039

Ion Ratio Lower Upper

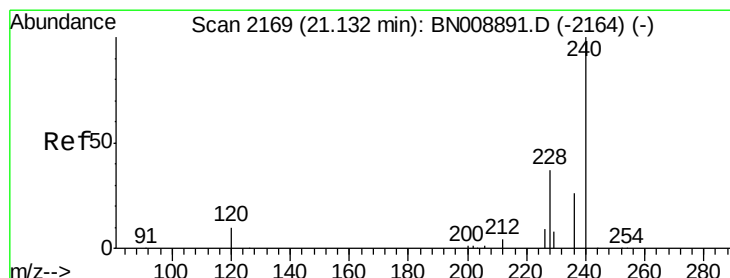
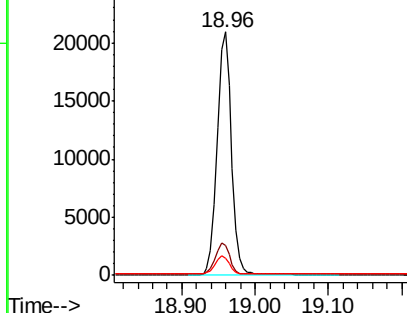
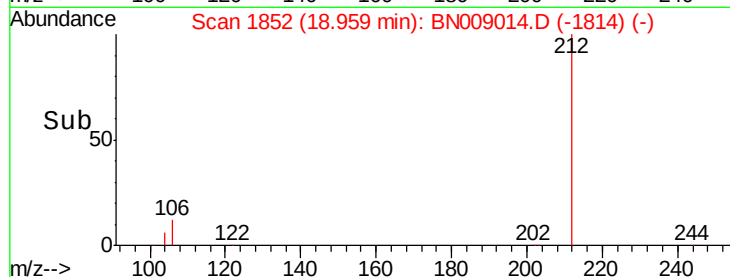
212 100

106 12.8 10.4 15.6

104 7.2 5.9 8.9



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: BN009014.D

Acq: 17 Dec 2019 13:40

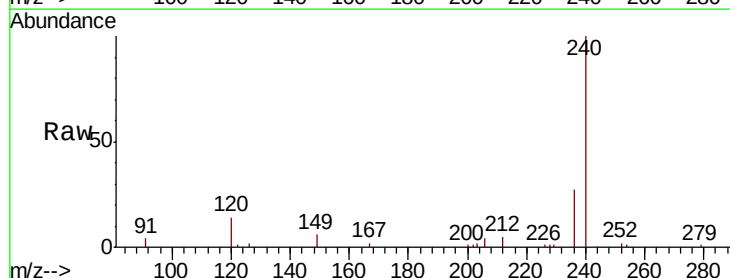
Tgt Ion:240 Resp: 20970

Ion Ratio Lower Upper

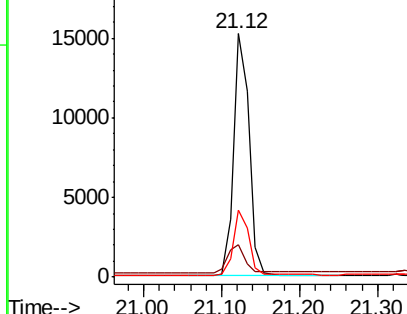
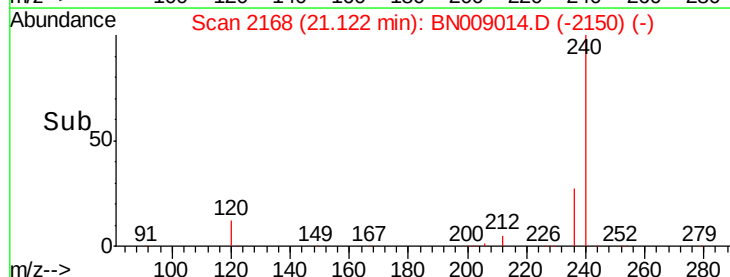
240 100

120 13.6 9.1 13.7

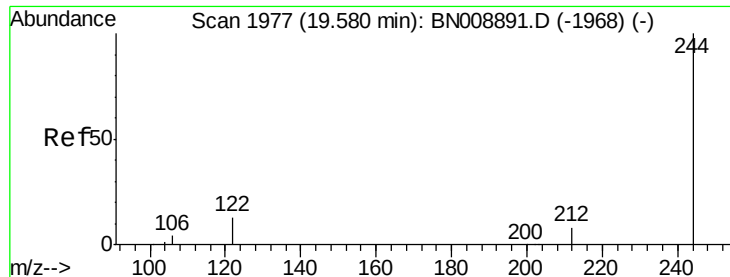
236 27.3 21.5 32.3



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: 0.435 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

Instrument :

BNA\_N

ClientSampleId :

KY038PS038-191209

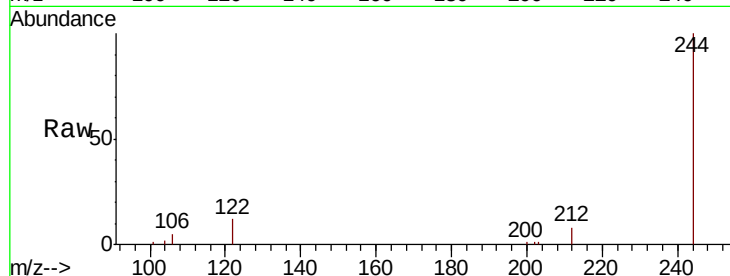
Tot Ion:244 Resp: 20807

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

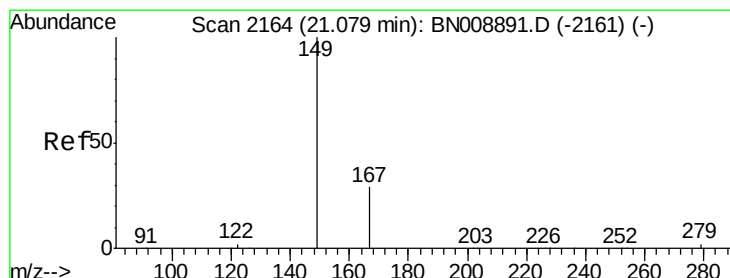
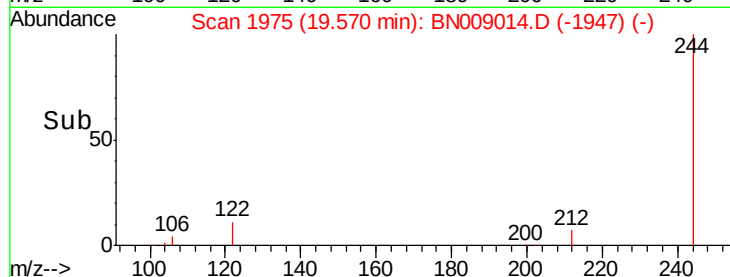
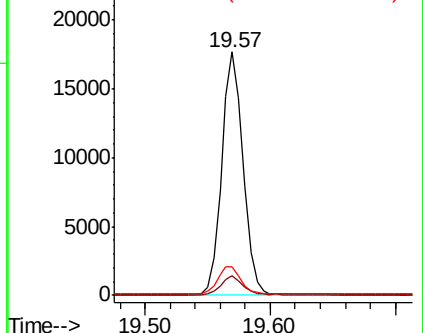
122 12.0 10.4 15.6



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: 0.150 ng

RT: 21.07 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

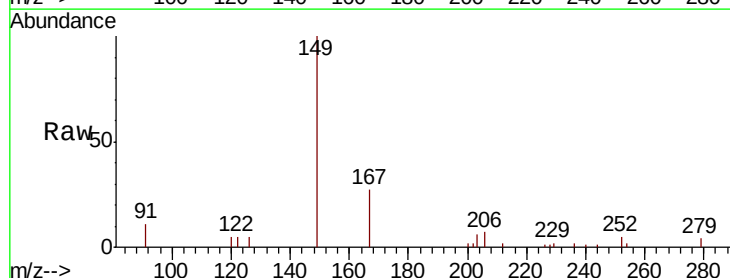
Tgt Ion:149 Resp: 5224

Ion Ratio Lower Upper

149 100

167 26.8 22.7 34.1

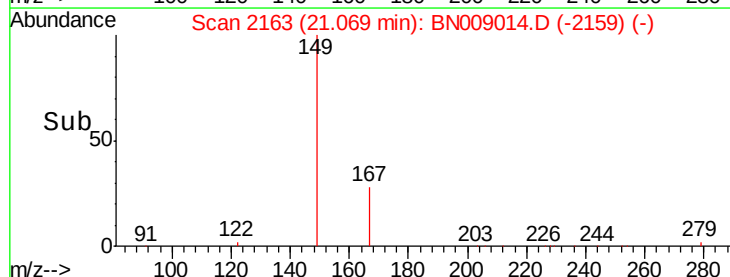
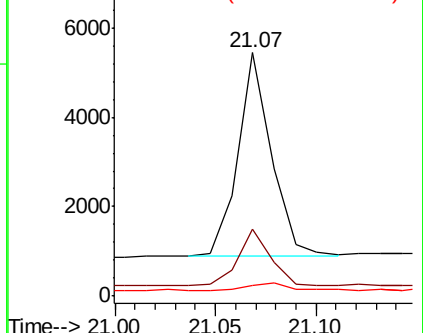
279 4.2 3.3 4.9

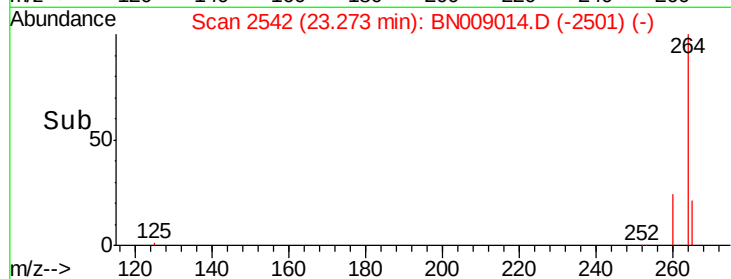
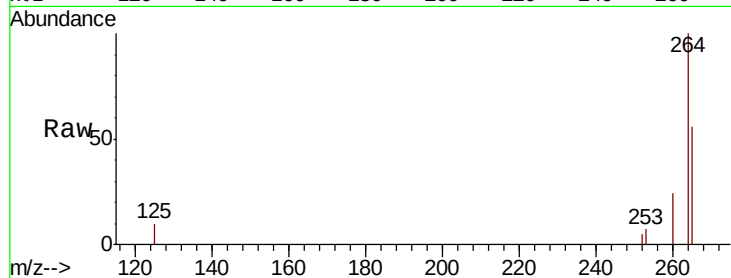
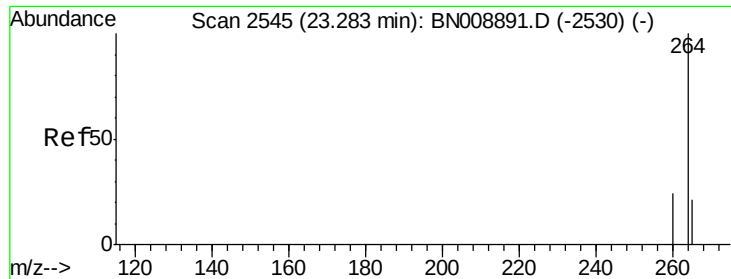


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2542

Delta R.T. -0.01 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

Instrument :

BNA\_N

ClientSampleId :

KY038PS038-191209

Tot Ion: 264 Resp: 18692

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 56.0 47.5 71.3

