

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060620\  
 Data File : BN010795.D  
 Acq On : 06 Jun 2020 00:07  
 Operator : CG/JU  
 Sample : PB129300BL  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB129300BL

Quant Time: Jun 06 01:27:21 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN060620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 05 22:48:49 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.56  | 152  | 2148     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.33 | 136  | 6764     | 0.40 | ng    | 0.01     |
| 13) Acenaphthene-d10        | 14.19 | 164  | 3746     | 0.40 | ng    | 0.01     |
| 19) Phenanthrene-d10        | 16.94 | 188  | 7803     | 0.40 | ng    | 0.01     |
| 27) Chrysene-d12            | 21.14 | 240  | 7023     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12            | 23.29 | 264  | 7161     | 0.40 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |      |       |          |
| 4) 2-Fluorophenol           | 5.21  | 112  | 1511     | 0.35 | ng    | 0.00     |
| 5) Phenol-d6                | 6.76  | 99   | 1624     | 0.32 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.72  | 82   | 1852     | 0.37 | ng    | 0.03     |
| 11) 2-Methylnaphthalene-d10 | 11.93 | 152  | 3898     | 0.38 | ng    | 0.01     |
| 14) 2,4,6-Tribromophenol    | 15.71 | 330  | 417      | 0.32 | ng    | 0.02     |
| 15) 2-Fluorobiphenyl        | 12.82 | 172  | 5305     | 0.36 | ng    | 0.01     |
| 25) Fluoranthene-d10        | 18.97 | 212  | 8351     | 0.39 | ng    | 0.00     |
| 29) Terphenyl-d14           | 19.59 | 244  | 6666     | 0.43 | ng    | 0.00     |

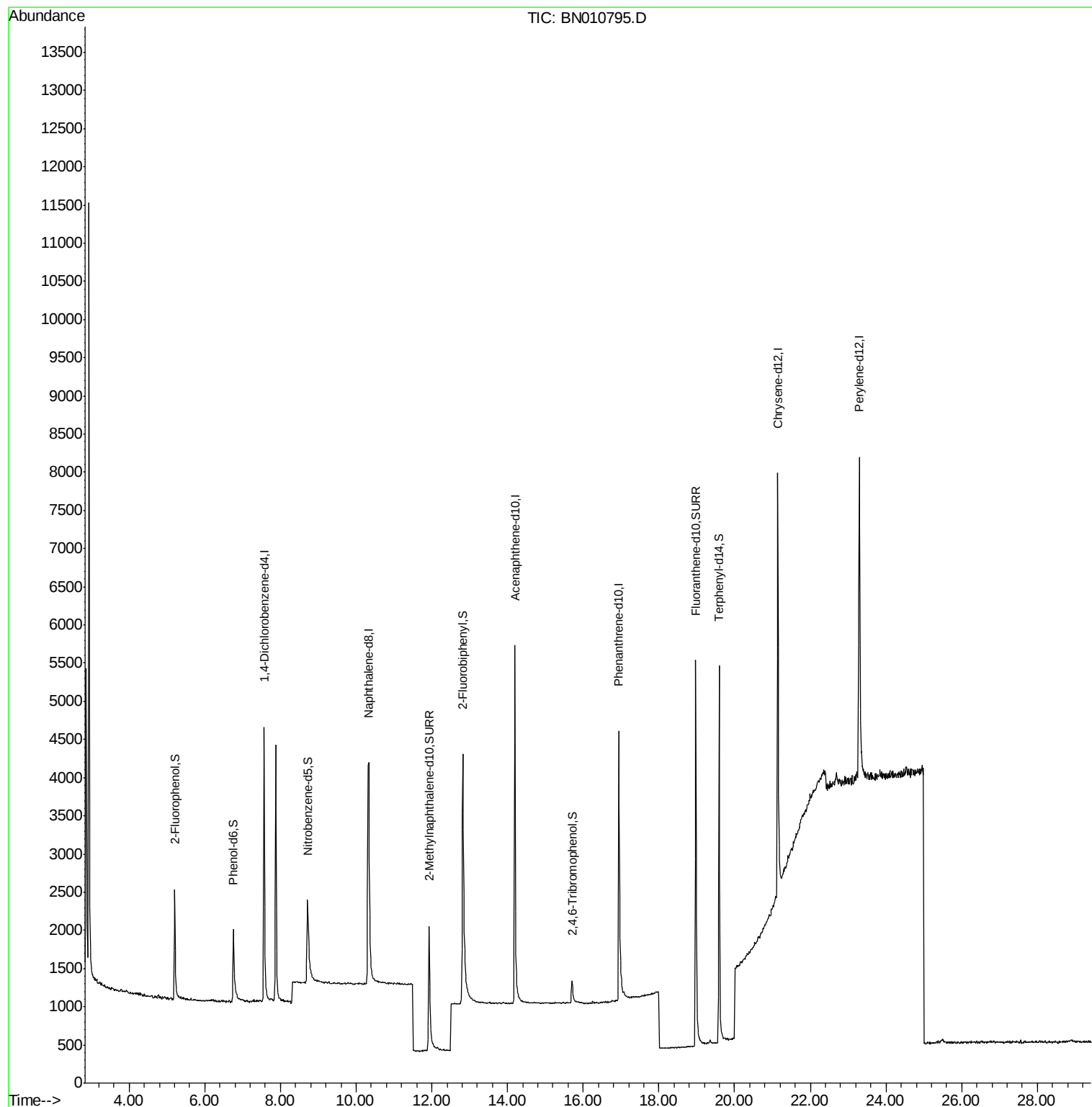
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

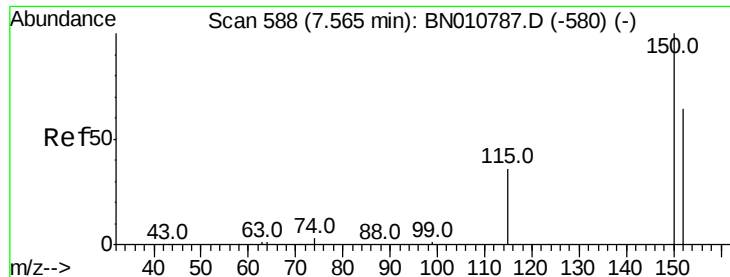
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_N  
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PB129300BL

Quant Time: Jun 06 01:27:21 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN060620.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 05 22:48:49 2020  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.56 min Scan# 588

Delta R.T. -0.00 min

Lab File: BN010795.D

Acq: 06 Jun 2020 00:07

Instrument :

BNA\_N

ClientSampleId :

PB129300BL

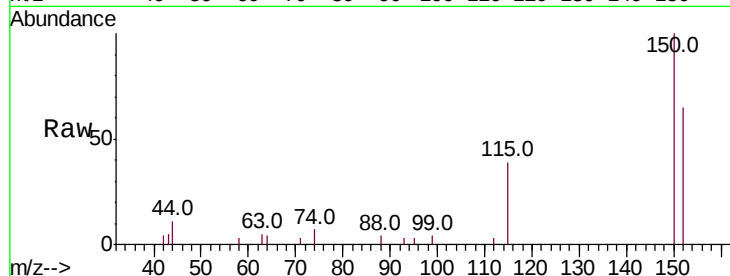
Tot Ion:152 Resp: 2148

Ion Ratio Lower Upper

152 100

150 152.7 123.6 185.4

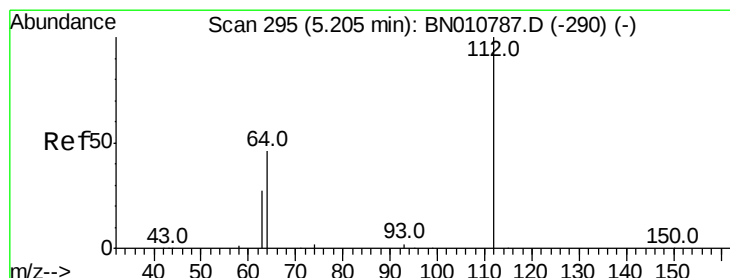
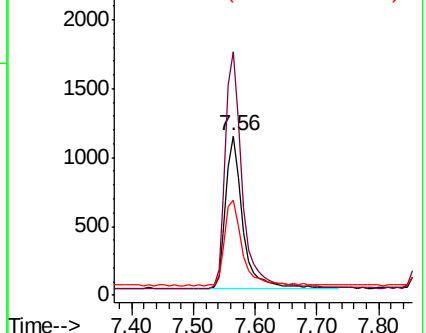
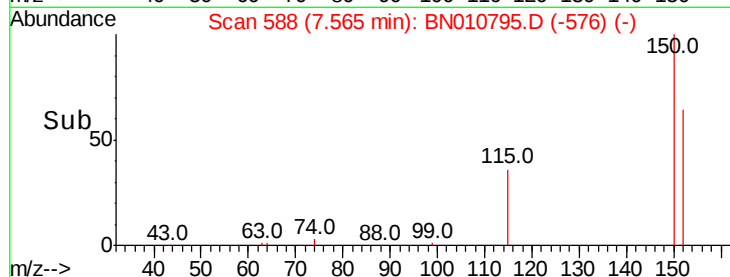
115 60.1 47.6 71.4



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: 0.353 ng

RT: 5.21 min Scan# 295

Delta R.T. -0.00 min

Lab File: BN010795.D

Acq: 06 Jun 2020 00:07

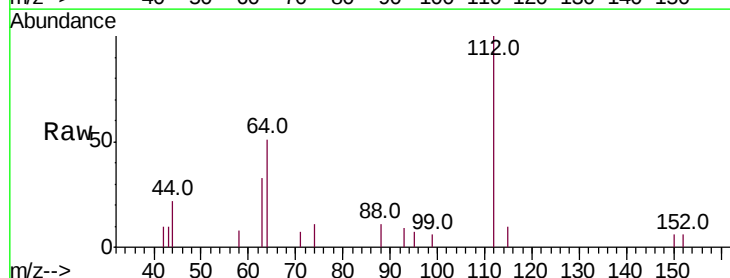
Tgt Ion:112 Resp: 1511

Ion Ratio Lower Upper

112 100

64 48.2 35.8 53.8

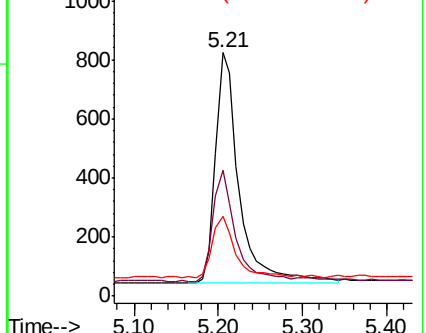
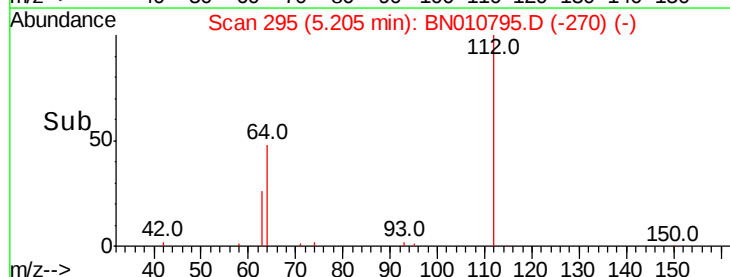
63 26.1 20.9 31.3

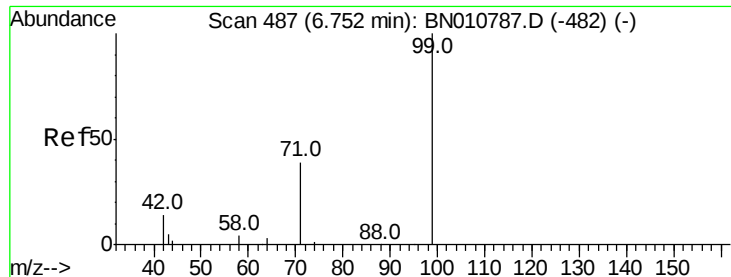


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.321 ng

RT: 6.76 min Scan# 488

Delta R.T. 0.01 min

Lab File: BN010795.D

Acq: 06 Jun 2020 00:07

Instrument :

BNA\_N

ClientSampleId :

PB129300BL

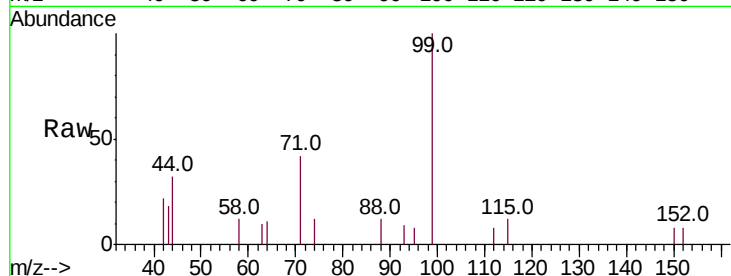
Tot Ion: 99 Resp: 1624

Ion Ratio Lower Upper

99 100

42 14.4 11.1 16.7

71 38.1 30.6 46.0



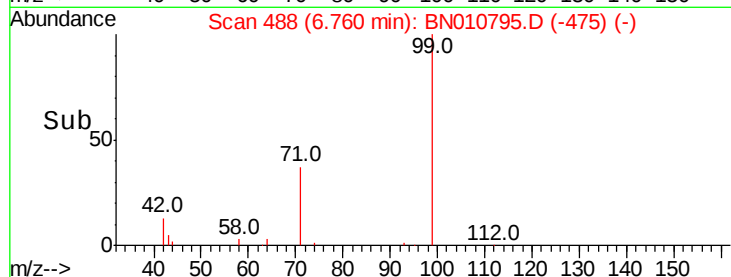
Abundance Ion 99.00 (98.70 to 99.70): BN010787.D (-482) (-)

Ion 42.00 (41.70 to 42.70): BN010787.D (-482) (-)

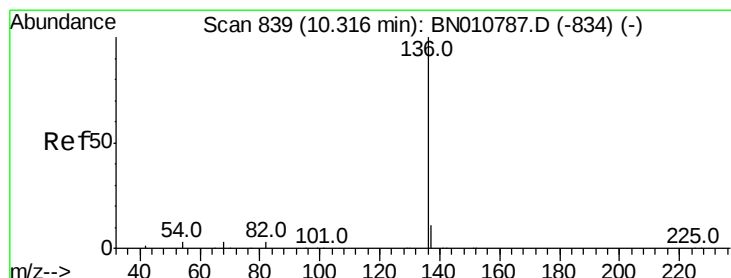
Ion 71.00 (70.70 to 71.70): BN010787.D (-482) (-)

6.76

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.01 min

Lab File: BN010795.D

Acq: 06 Jun 2020 00:07

Tgt Ion: 136 Resp: 6764

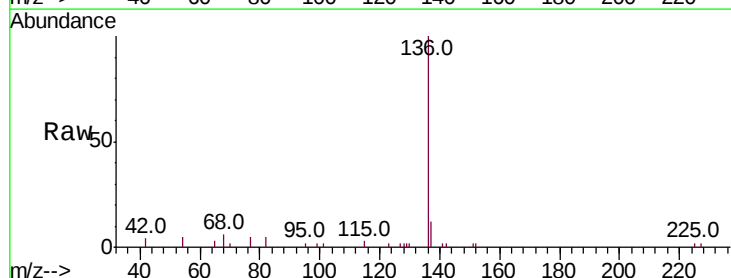
Ion Ratio Lower Upper

136 100

137 12.4 9.2 13.8

54 5.0 3.3 4.9#

68 5.6 3.4 5.2#



Abundance Ion 136.00 (135.70 to 136.70): BN010787.D (-834) (-)

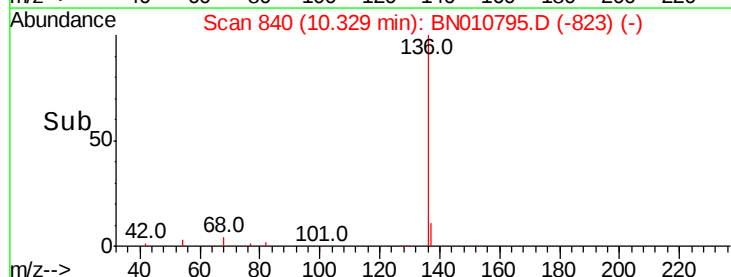
Ion 137.00 (136.70 to 137.70): BN010787.D (-834) (-)

Ion 54.00 (53.70 to 54.70): BN010787.D (-834) (-)

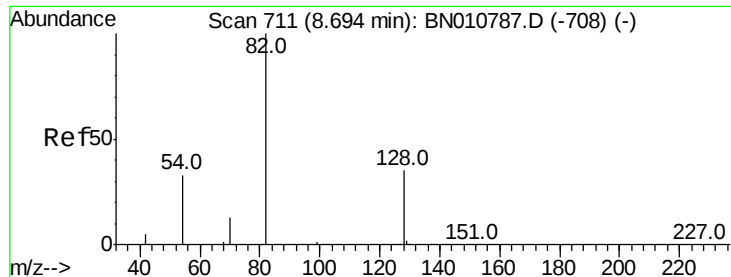
Ion 68.00 (67.70 to 68.70): BN010787.D (-834) (-)

10.33

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.373 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.03 min

Lab File: BN010795.D

Acq: 06 Jun 2020 00:07

Instrument :

BNA\_N

ClientSampleId :

PB129300BL

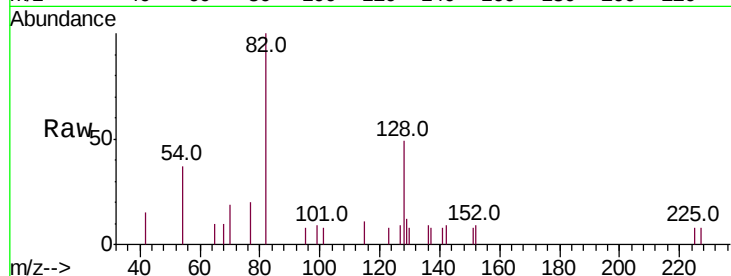
Tot Ion: 82 Resp: 1852

Ion Ratio Lower Upper

82 100

128 48.8 31.4 47.0#

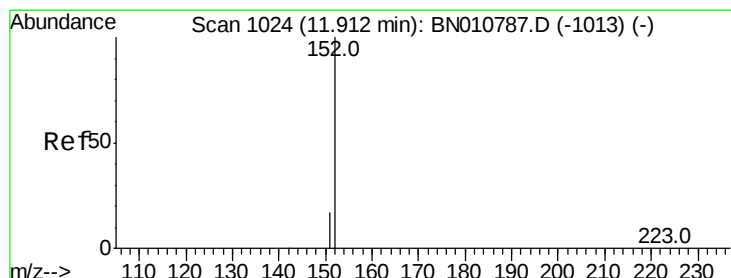
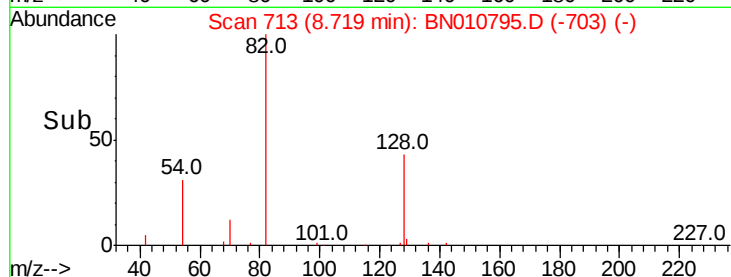
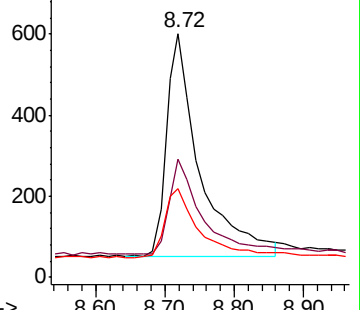
54 36.6 28.9 43.3



Abundance Ion 82.00 (81.70 to 82.70): BN010787.D (-708) (-)

Ion 128.00 (127.70 to 128.70): BN010787.D (-708) (-)

Ion 54.00 (53.70 to 54.70): BN010787.D (-708) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.380 ng

RT: 11.93 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BN010795.D

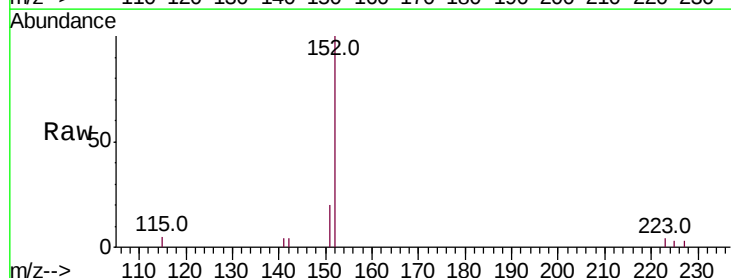
Acq: 06 Jun 2020 00:07

Tgt Ion: 152 Resp: 3898

Ion Ratio Lower Upper

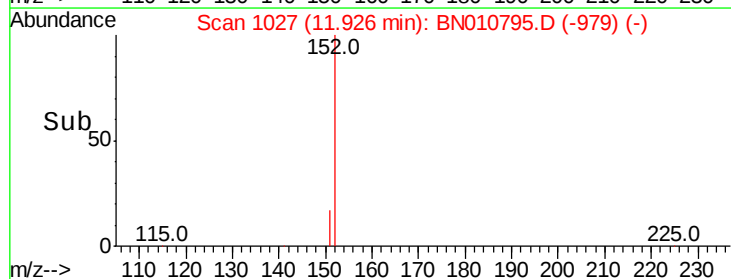
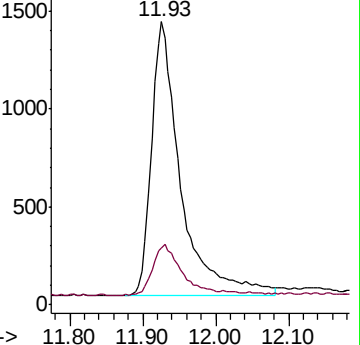
152 100

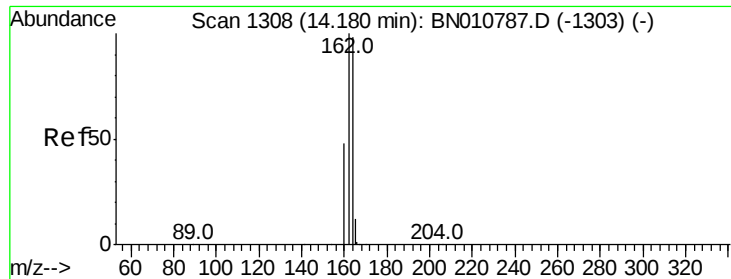
151 19.7 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010787.D (-1013) (-)

Ion 151.00 (150.70 to 151.70): BN010787.D (-1013) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.19 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BN010795.D

Acq: 06 Jun 2020 00:07

Instrument :

BNA\_N

ClientSampleId :

PB129300BL

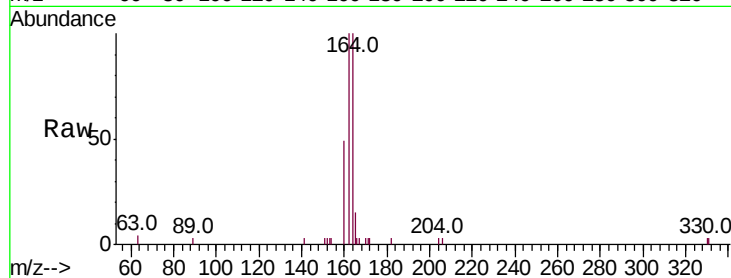
Tot Ion:164 Resp: 3746

Ion Ratio Lower Upper

164 100

162 99.8 81.8 122.8

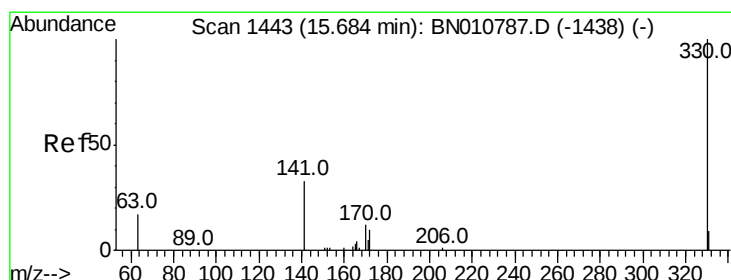
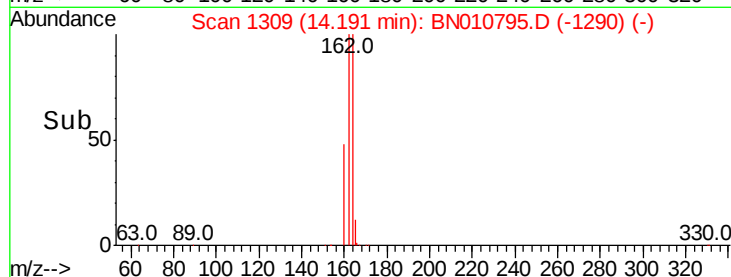
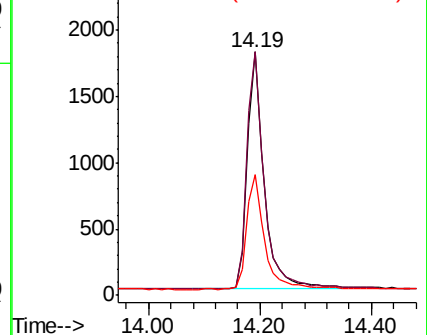
160 49.4 40.2 60.2



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: 15.71 min Scan# 1445

Delta R.T. 0.02 min

Lab File: BN010795.D

Acq: 06 Jun 2020 00:07

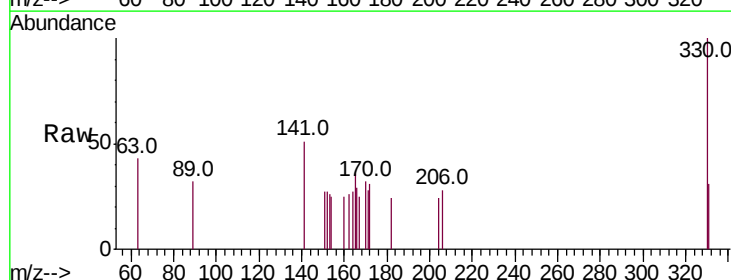
Tgt Ion:330 Resp: 417

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

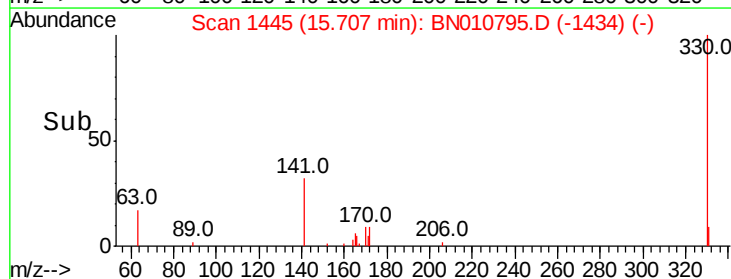
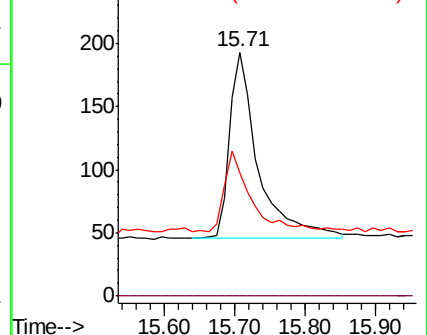
141 41.0 32.1 48.1

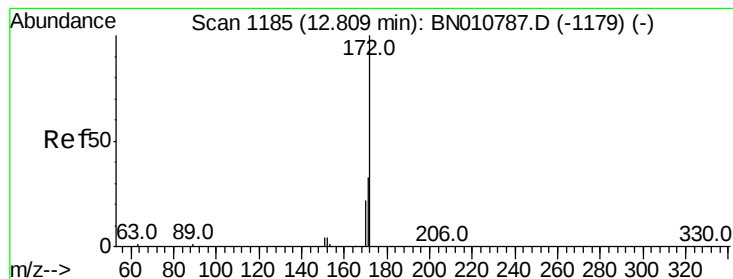


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.363 ng

RT: 12.82 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BN010795.D

Acq: 06 Jun 2020 00:07

Instrument :

BNA\_N

ClientSampleId :

PB129300BL

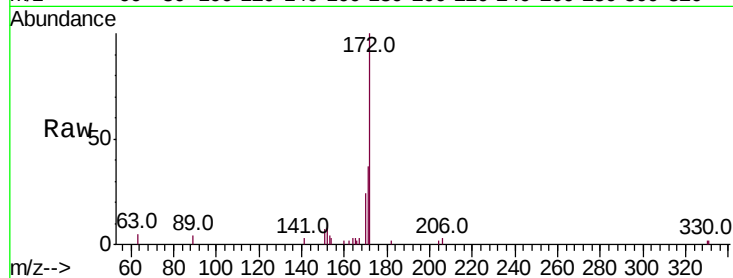
Tot Ion:172 Resp: 5305

Ion Ratio Lower Upper

172 100

171 36.5 27.2 40.8

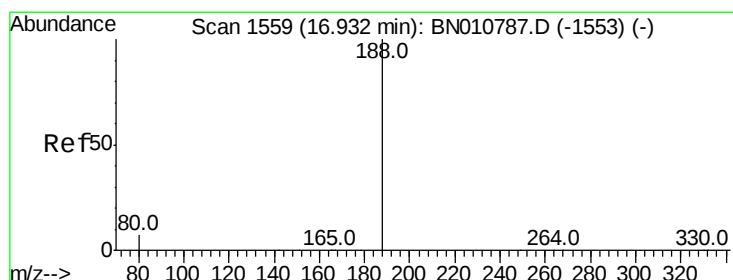
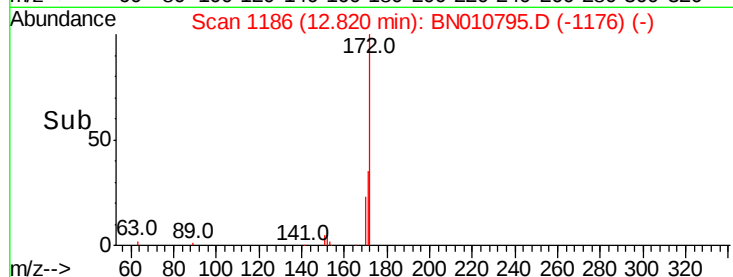
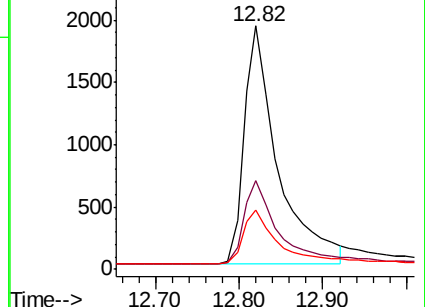
170 24.4 18.1 27.1



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: 16.94 min Scan# 1560

Delta R.T. 0.01 min

Lab File: BN010795.D

Acq: 06 Jun 2020 00:07

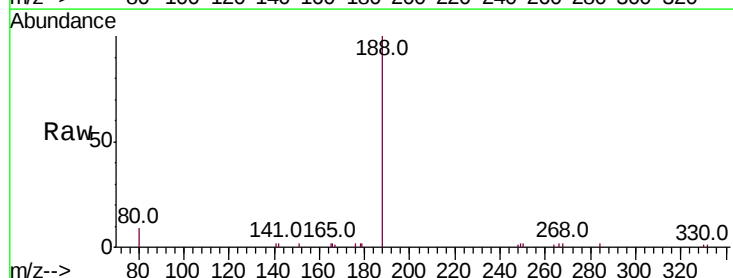
Tgt Ion:188 Resp: 7803

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

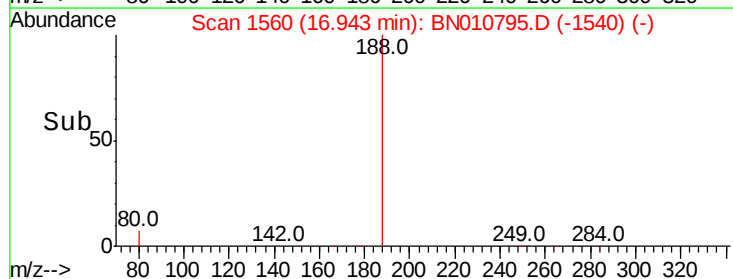
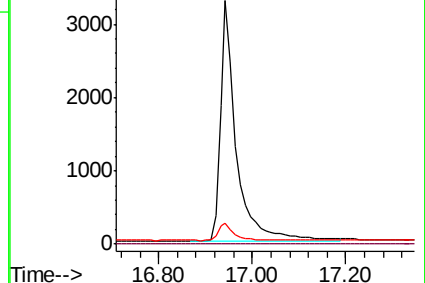
80 8.5 5.9 8.9

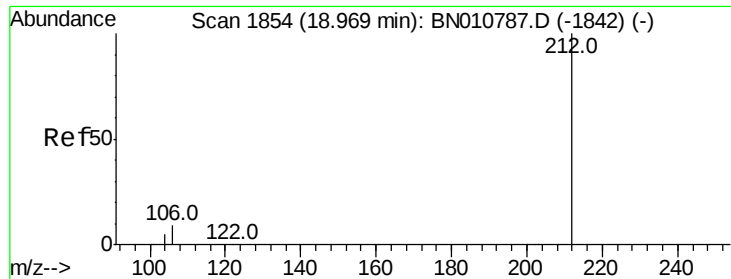


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 18.97 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BN010795.D

Acq: 06 Jun 2020 00:07

Instrument :

BNA\_N

ClientSampleId :

PB129300BL

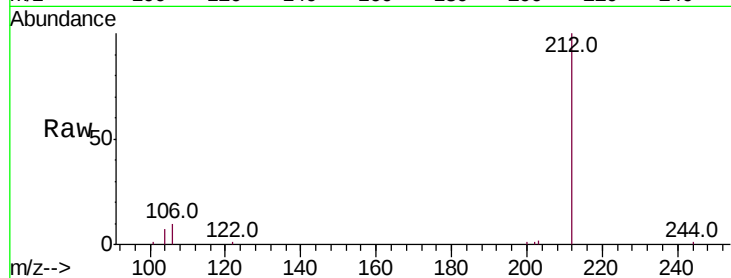
Tot Ion:212 Resp: 8351

Ion Ratio Lower Upper

212 100

106 8.5 7.1 10.7

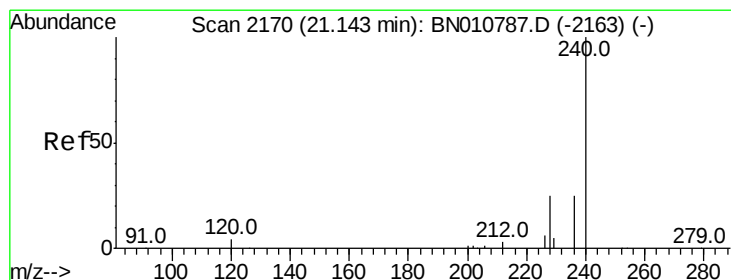
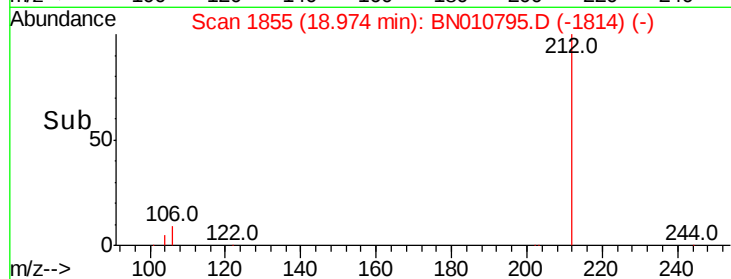
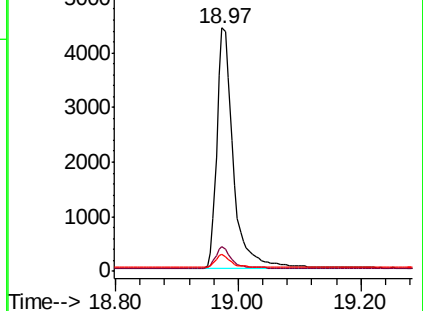
104 5.1 4.1 6.1



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: 21.14 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BN010795.D

Acq: 06 Jun 2020 00:07

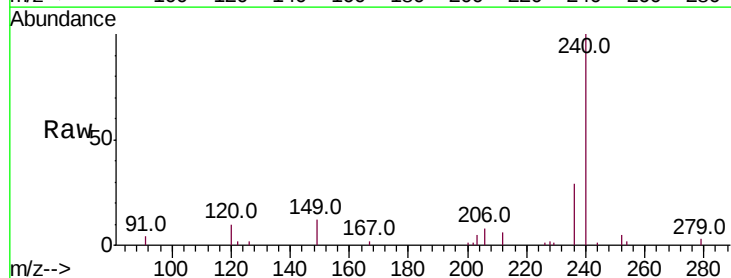
Tgt Ion:240 Resp: 7023

Ion Ratio Lower Upper

240 100

120 9.9 5.2 7.8#

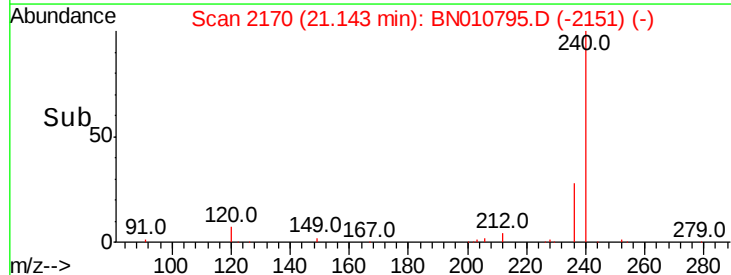
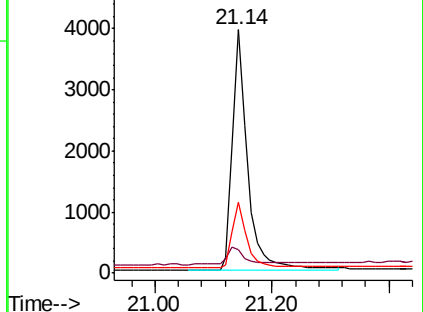
236 29.2 21.3 31.9

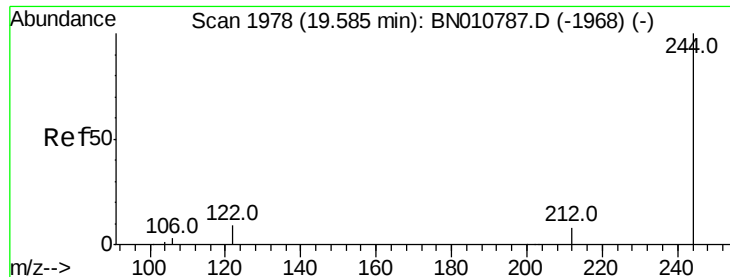


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.426 ng

RT: 19.59 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BN010795.D

Acq: 06 Jun 2020 00:07

Instrument :

BNA\_N

ClientSampleId :

PB129300BL

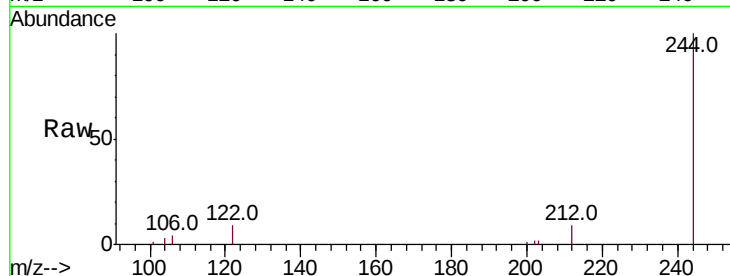
Tot Ion:244 Resp: 6666

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

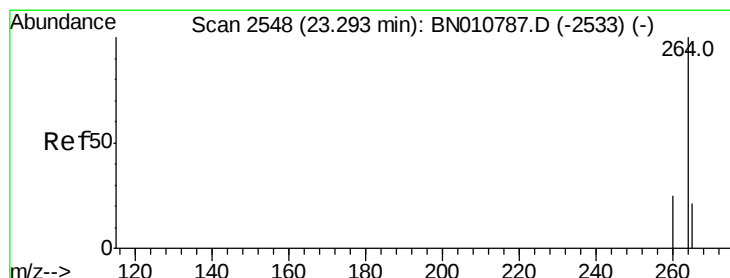
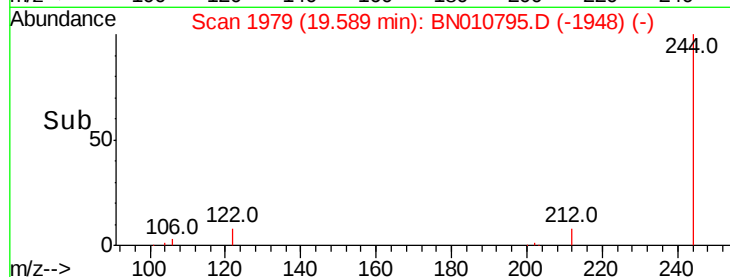
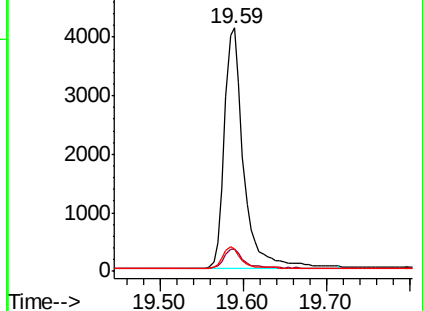
122 9.1 7.8 11.6



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.29 min Scan# 2548

Delta R.T. -0.00 min

Lab File: BN010795.D

Acq: 06 Jun 2020 00:07

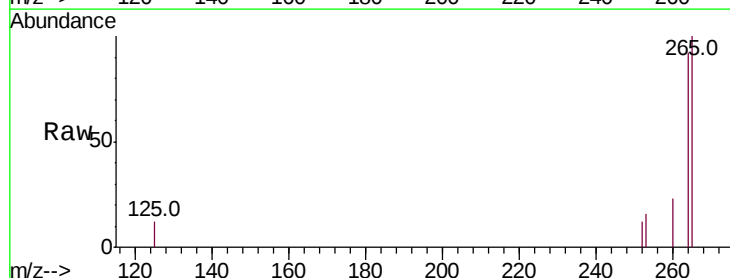
Tgt Ion:264 Resp: 7161

Ion Ratio Lower Upper

264 100

260 25.4 20.3 30.5

265 108.8 61.7 92.5#



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

