

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062620\
 Data File : BN011057.D
 Acq On : 26 Jun 2020 13:43
 Operator : CG/JU
 Sample : PB129798BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129798BL

Quant Time: Jun 26 14:14:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 18:53:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	3345	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	10900	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	5990	0.40	ng	-0.01
19) Phenanthrene-d10	16.90	188	11851	0.40	ng	0.00
29) Chrysene-d12	21.11	240	11256	0.40	ng	0.00
36) Perylene-d12	23.26	264	11307	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	2834	0.30	ng	0.00
5) Phenol-d6	6.72	99	2963	0.27	ng	0.00
8) Nitrobenzene-d5	8.64	82	3266	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	5241	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	668	0.25	ng	0.01
15) 2-Fluorobiphenyl	12.75	172	9532	0.34	ng	-0.01
27) Fluoranthene-d10	18.94	212	9811	0.26	ng	0.00
31) Terphenyl-d14	19.55	244	11336	0.38	ng	0.00

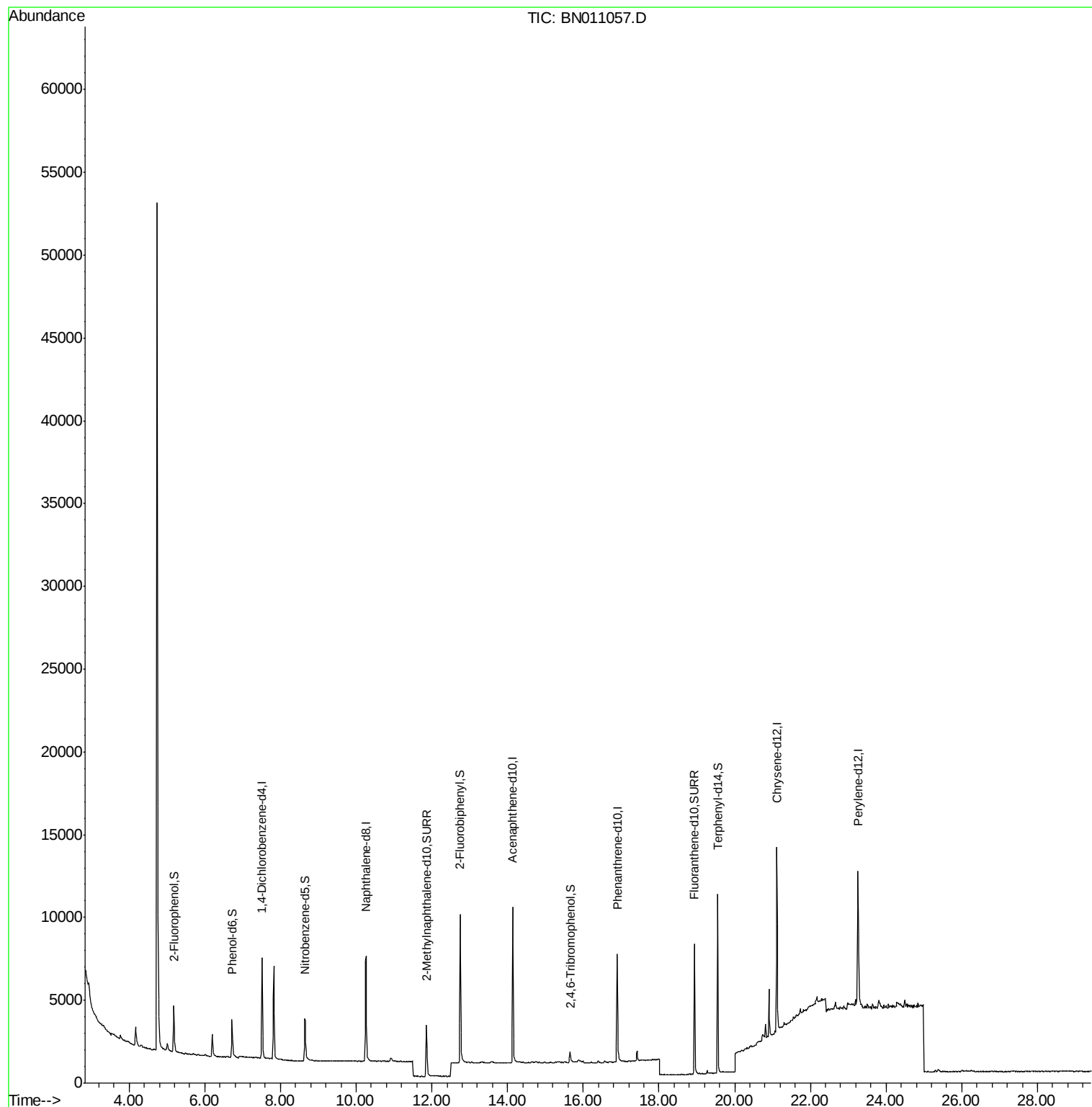
Target Compounds	Qvalue
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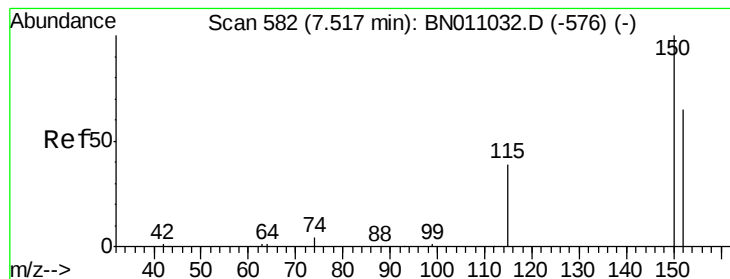
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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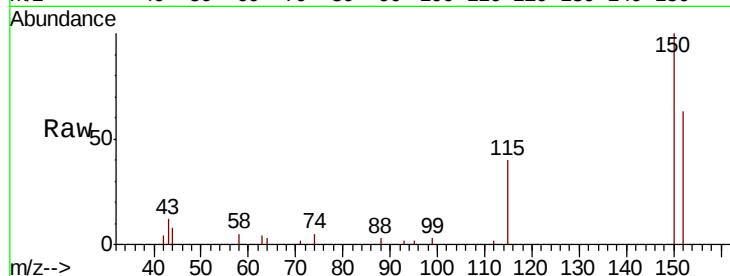


#1

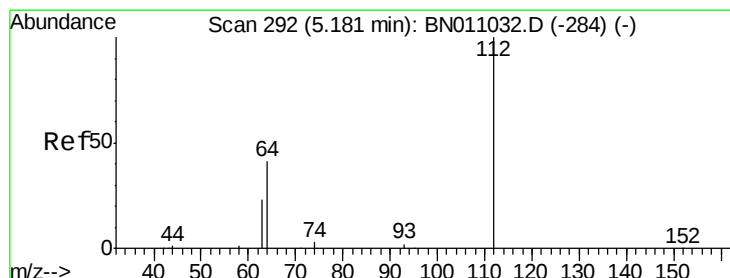
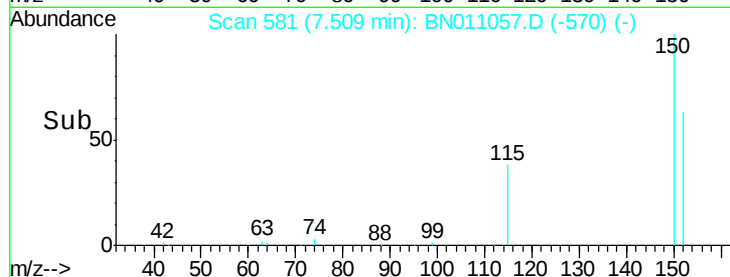
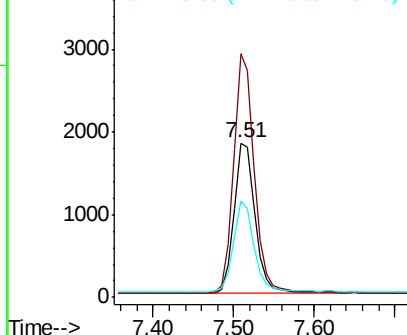
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.51 min Scan# 581
Delta R.T. -0.01 min
Lab File: BN011057.D
Acq: 26 Jun 2020 13:43

Instrument :
BNA_N
ClientSampleId :
PB129798BL

Tot Ion:152 Resp: 3345
Ion Ratio Lower Upper
152 100
150 157.5 121.8 182.8
115 62.7 50.2 75.2



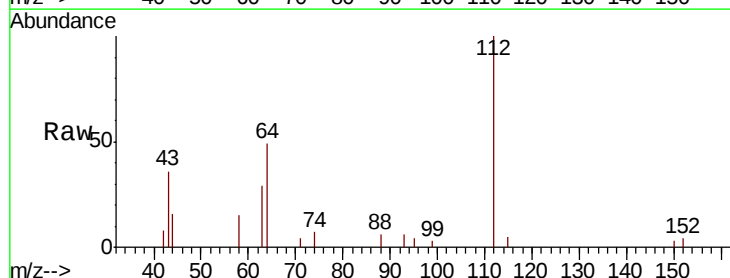
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



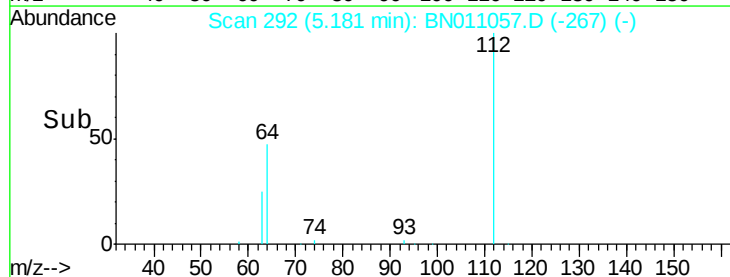
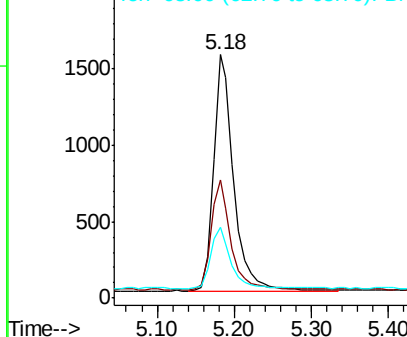
#4

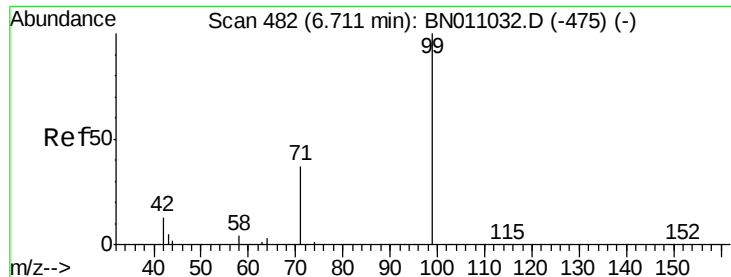
2-Fluorophenol
Concen: 0.301 ng
RT: 5.18 min Scan# 292
Delta R.T. 0.00 min
Lab File: BN011057.D
Acq: 26 Jun 2020 13:43

Tgt Ion:112 Resp: 2834
Ion Ratio Lower Upper
112 100
64 45.4 37.3 55.9
63 25.5 20.4 30.6



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: 0.265 ng

RT: 6.72 min Scan# 483

Delta R.T. 0.01 min

Lab File: BN011057.D

Acq: 26 Jun 2020 13:43

Instrument :

BNA_N

ClientSampleId :

PB129798BL

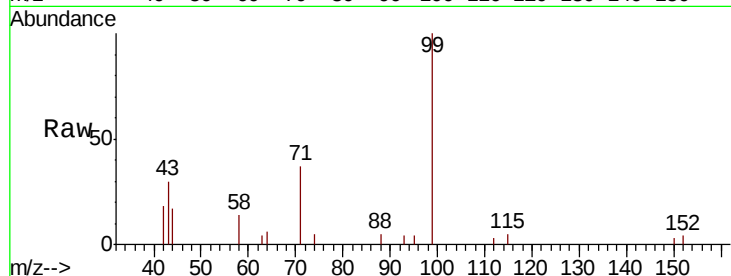
Tot Ion: 99 Resp: 2963

Ion Ratio Lower Upper

99 100

42 13.0 10.6 16.0

71 36.1 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BN011032.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011032.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011032.D (-475) (-)

2000

1500

1000

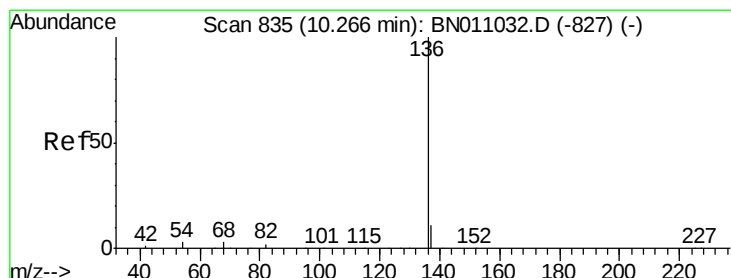
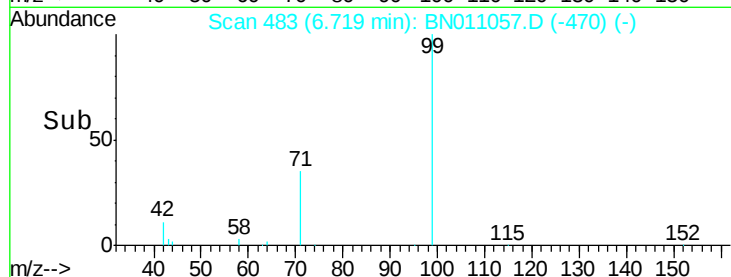
500

0

6.60 6.70 6.80 6.90

6.72

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: BN011057.D

Acq: 26 Jun 2020 13:43

Tgt Ion: 136 Resp: 10900

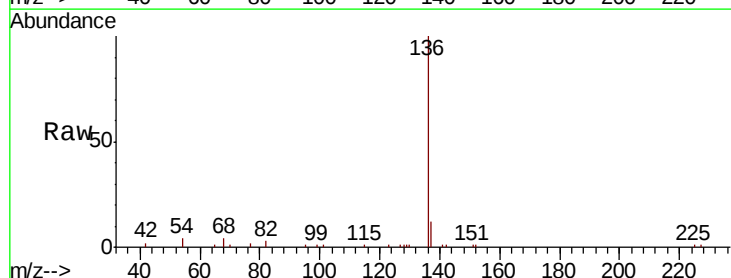
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 3.5 3.0 4.4

68 4.1 3.4 5.2



Abundance Ion 136.00 (135.70 to 136.70): BN011032.D (-827) (-)

Ion 137.00 (136.70 to 137.70): BN011032.D (-827) (-)

Ion 54.00 (53.70 to 54.70): BN011032.D (-827) (-)

Ion 68.00 (67.70 to 68.70): BN011032.D (-827) (-)

8000

6000

4000

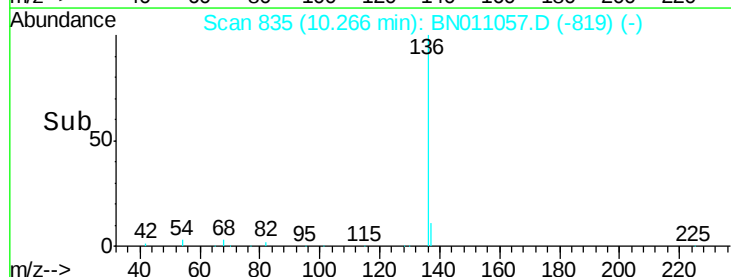
2000

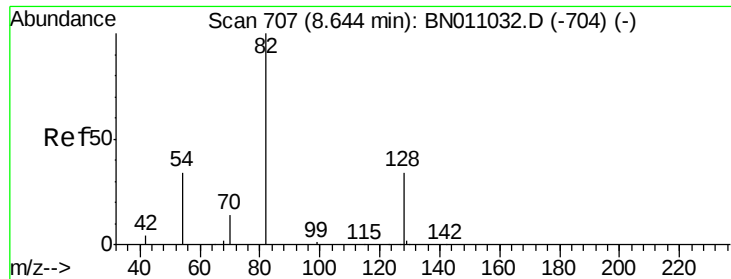
0

10.10 10.20 10.30 10.40

10.27

Time-->





#8

Nitrobenzene-d5

Concen: 0.329 ng

RT: 8.64 min Scan# 707

Delta R.T. 0.00 min

Lab File: BN011057.D

Acq: 26 Jun 2020 13:43

Instrument :

BNA_N

ClientSampleId :

PB129798BL

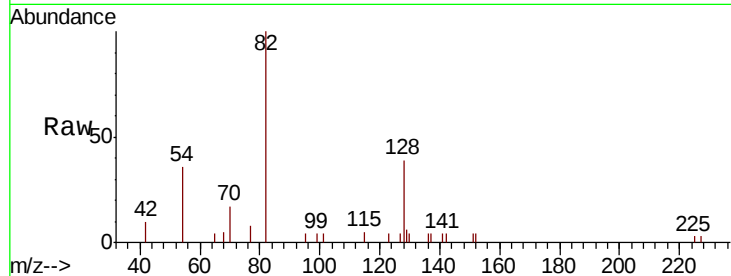
Tot Ion: 82 Resp: 3266

Ion Ratio Lower Upper

82 100

128 38.6 29.4 44.2

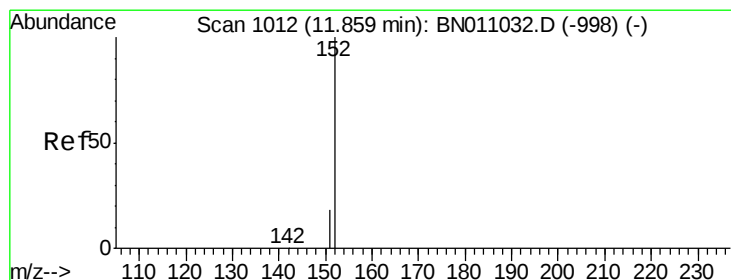
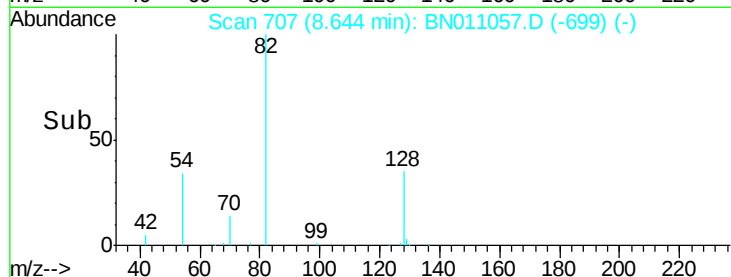
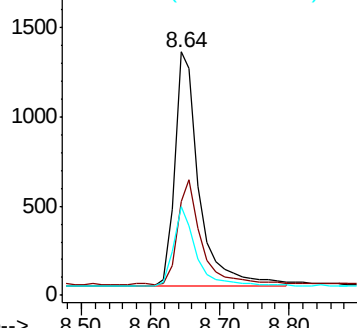
54 36.5 28.8 43.2



Abundance Ion 82.00 (81.70 to 82.70): BN011057.D (-699) (-)

Ion 128.00 (127.70 to 128.70): BN011057.D (-699) (-)

Ion 54.00 (53.70 to 54.70): BN011057.D (-699) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.273 ng

RT: 11.86 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BN011057.D

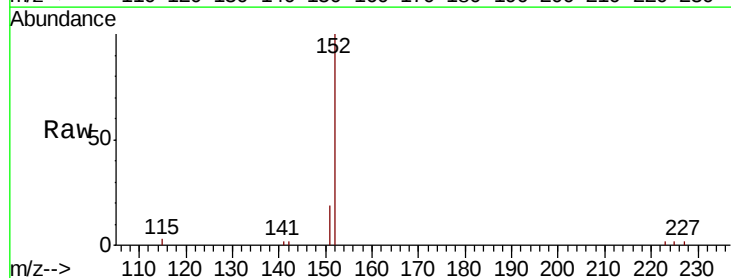
Acq: 26 Jun 2020 13:43

Tgt Ion: 152 Resp: 5241

Ion Ratio Lower Upper

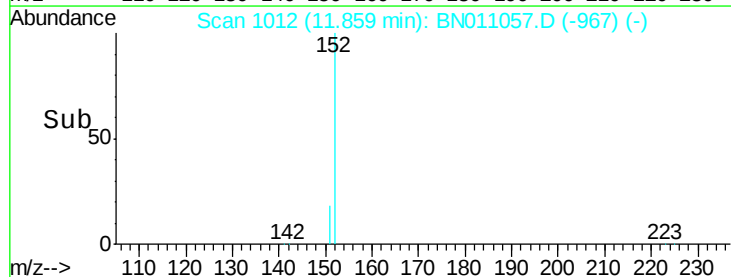
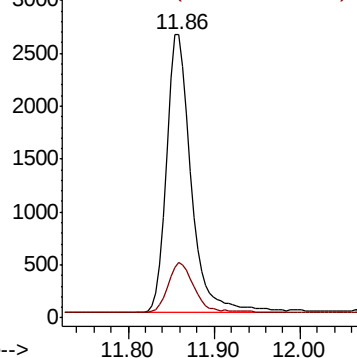
152 100

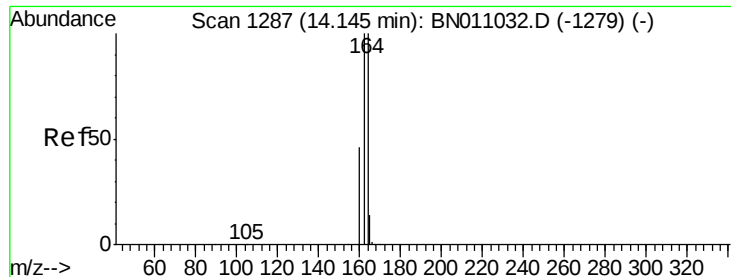
151 19.1 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BN011057.D (-967) (-)

Ion 151.00 (150.70 to 151.70): BN011057.D (-967) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BN011057.D

Acq: 26 Jun 2020 13:43

Instrument :

BNA_N

ClientSampleId :

PB129798BL

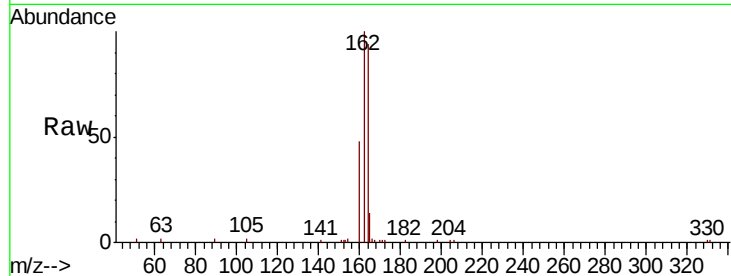
Tot Ion:164 Resp: 5990

Ion Ratio Lower Upper

164 100

162 105.9 80.2 120.4

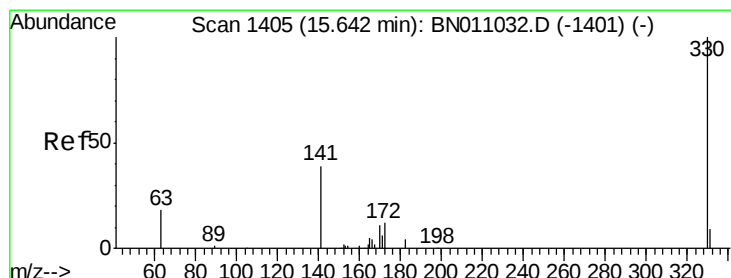
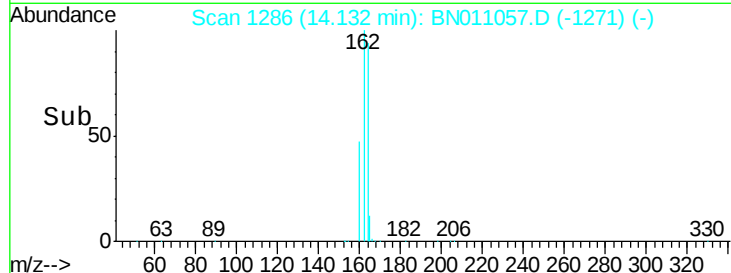
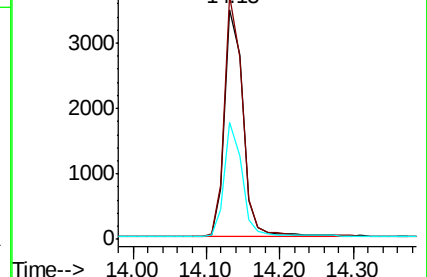
160 50.6 37.7 56.5



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: 0.254 ng

RT: 15.65 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BN011057.D

Acq: 26 Jun 2020 13:43

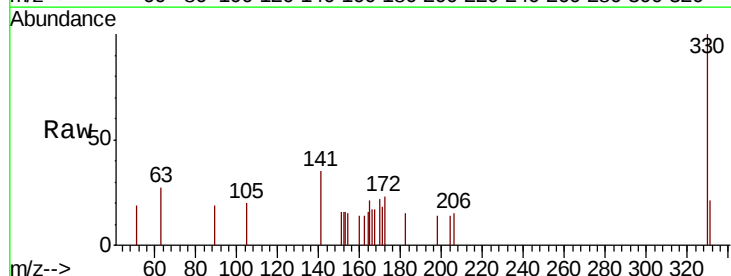
Tgt Ion:330 Resp: 668

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

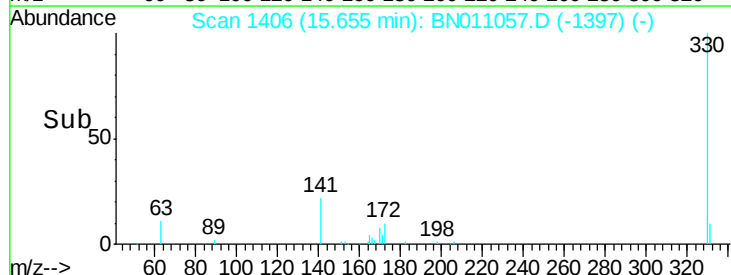
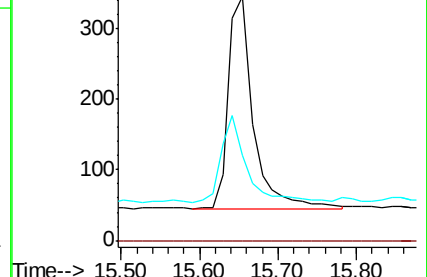
141 41.9 34.5 51.7

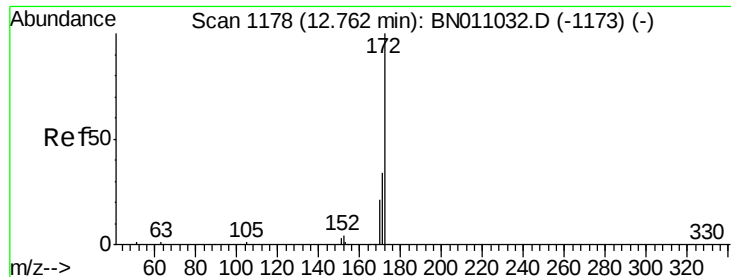


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

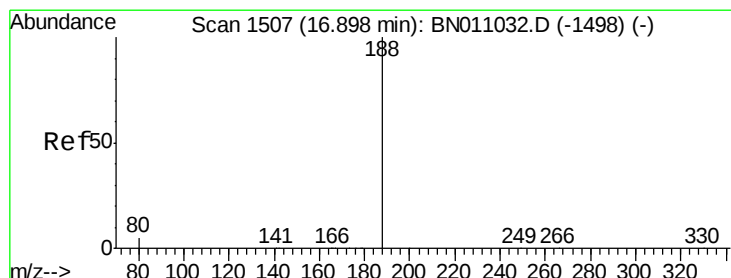
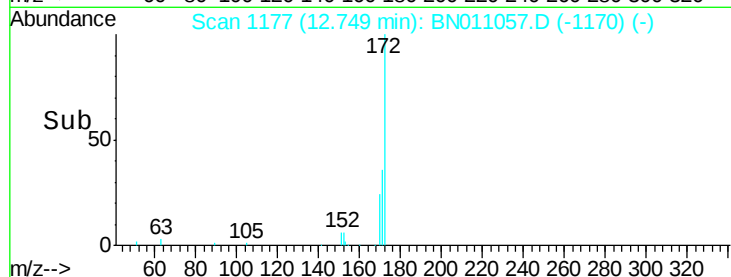
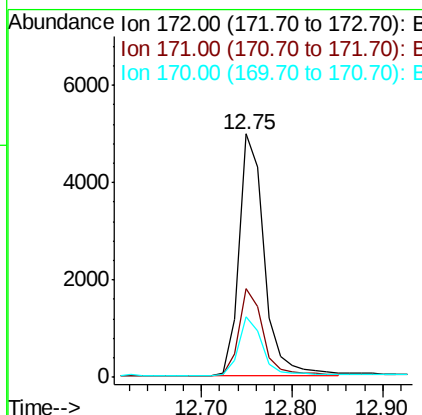
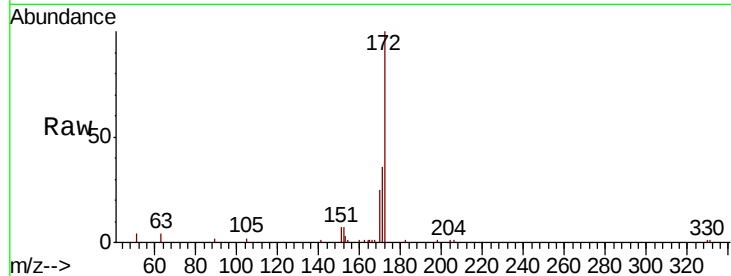




#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 12.75 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011057.D
Acq: 26 Jun 2020 13:43

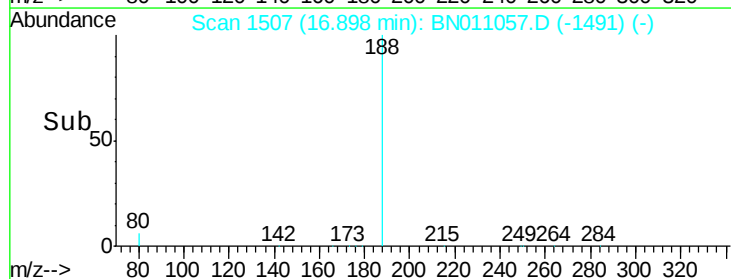
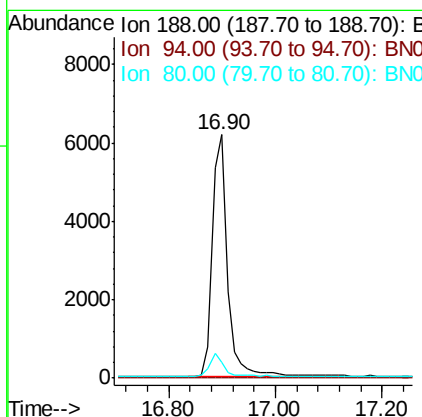
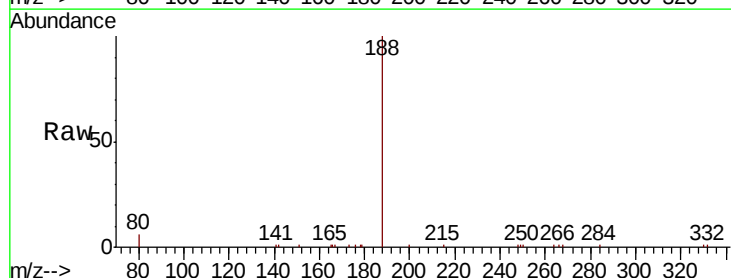
Instrument :
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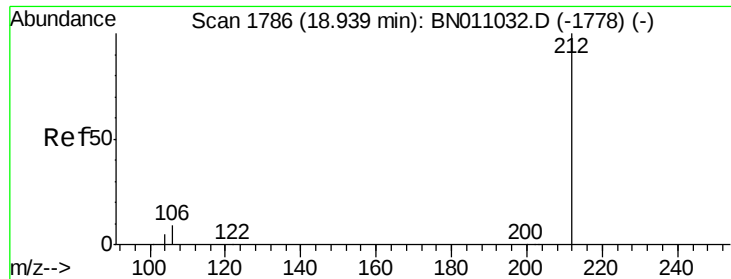
Tot Ion:172 Resp: 9532
Ion Ratio Lower Upper
172 100
171 36.4 27.4 41.2
170 24.9 17.5 26.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BN011057.D
Acq: 26 Jun 2020 13:43

Tgt Ion:188 Resp: 11851
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.4 4.6 7.0





#27

Fluoranthene-d10

Concen: 0.262 ng

RT: 18.94 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BN011057.D

Acq: 26 Jun 2020 13:43

Instrument :

BNA_N

ClientSampleId :

PB129798BL

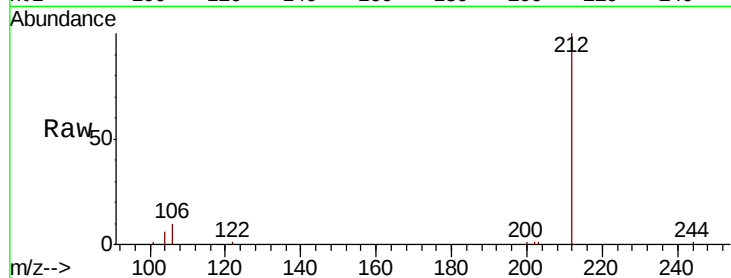
Tot Ion:212 Resp: 9811

Ion Ratio Lower Upper

212 100

106 9.6 7.7 11.5

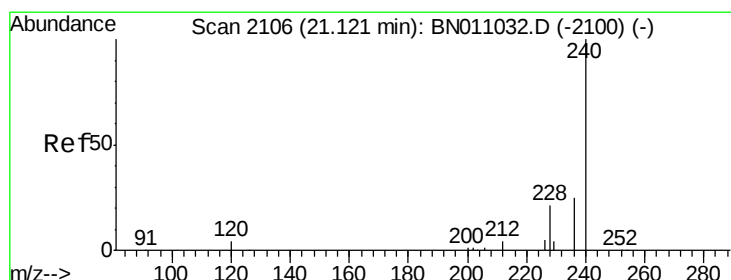
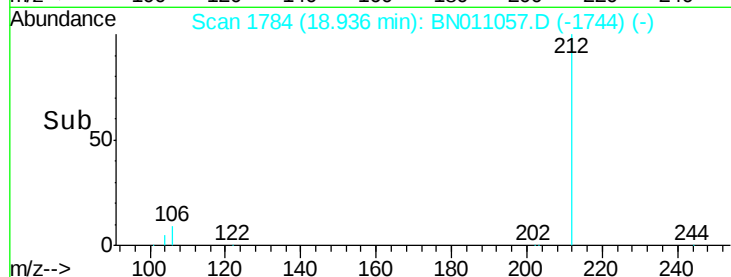
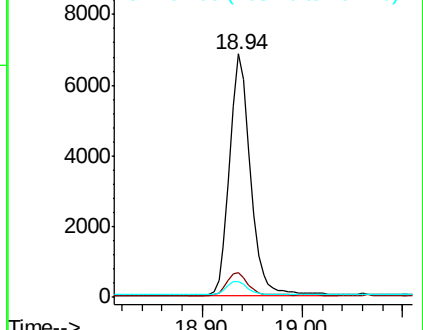
104 5.8 4.6 6.8



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



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.11 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BN011057.D

Acq: 26 Jun 2020 13:43

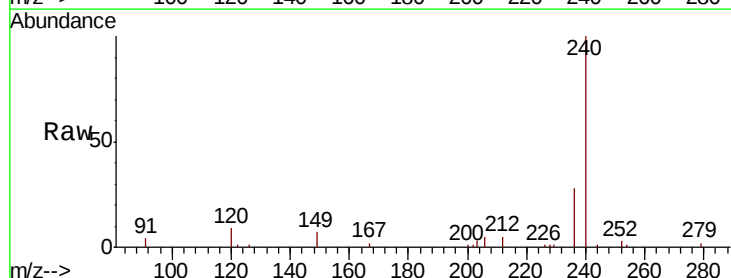
Tgt Ion:240 Resp: 11256

Ion Ratio Lower Upper

240 100

120 9.5 5.4 8.0#

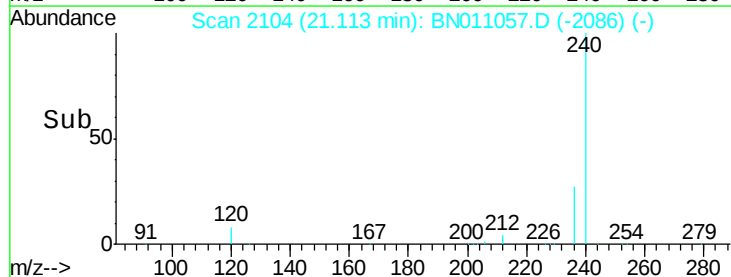
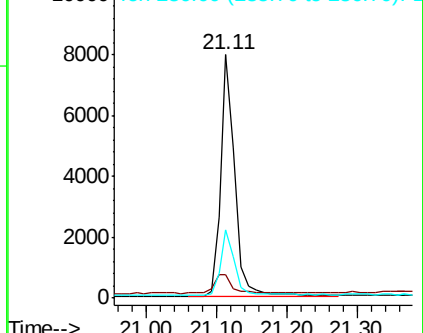
236 28.1 21.4 32.2

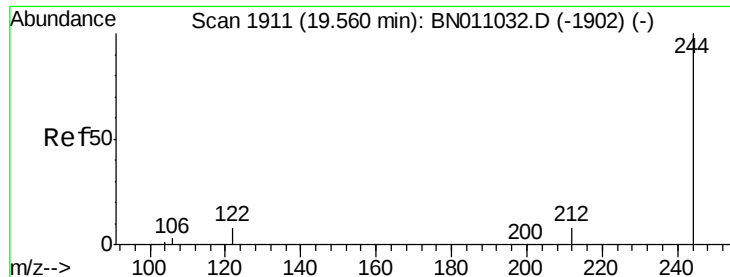


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.375 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BN011057.D

Acq: 26 Jun 2020 13:43

Instrument :

BNA_N

ClientSampleId :

PB129798BL

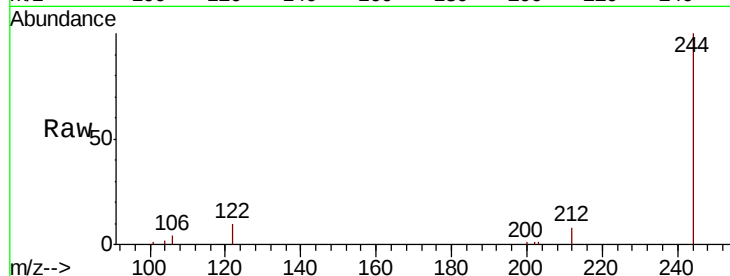
Tot Ion:244 Resp: 11336

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

122 9.9 7.4 11.0

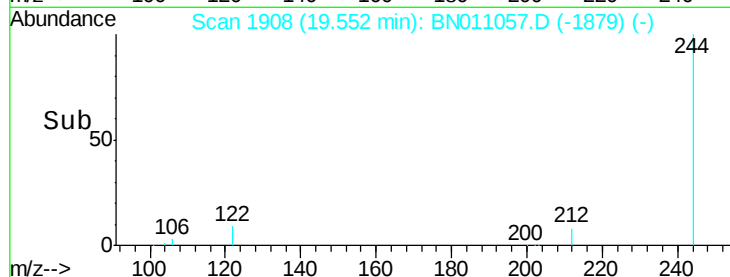


Abundance Ion 244.00 (243.70 to 244.70): E

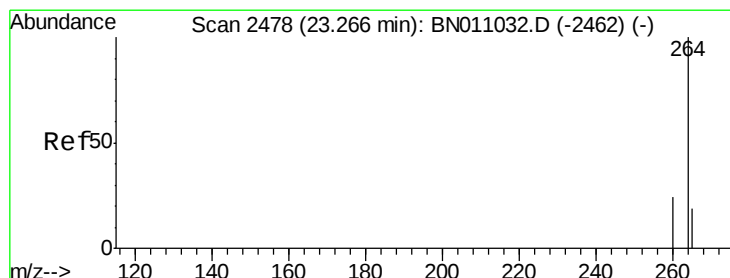
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.26 min Scan# 2475

Delta R.T. -0.00 min

Lab File: BN011057.D

Acq: 26 Jun 2020 13:43

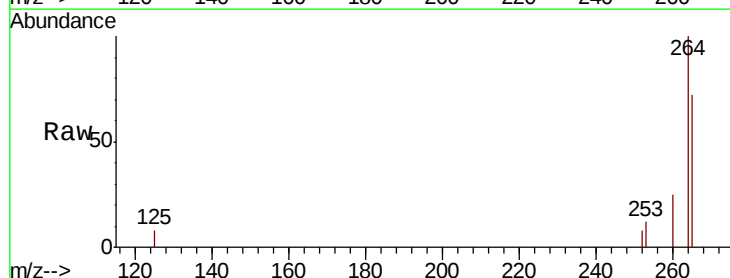
Tgt Ion:264 Resp: 11307

Ion Ratio Lower Upper

264 100

260 24.6 20.0 30.0

265 72.0 64.9 97.3

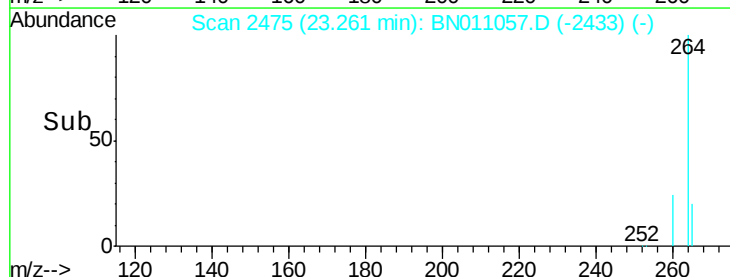


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->