

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
 Data File : BN011003.D
 Acq On : 22 Jun 2020 11:28
 Operator : CG/JU
 Sample : PB129630BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129630BL

Quant Time: Jun 22 12:26:02 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	7.53	152	1995	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	6634	0.40	ng	0.01
13) Acenaphthene-d10	14.16	164	3491	0.40	ng	0.01
19) Phenanthrene-d10	16.91	188	6375	0.40	ng	0.00
27) Chrysene-d12	21.12	240	5994	0.40	ng	0.00
34) Perylene-d12	23.26	264	6937	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1613	0.42	ng	0.00
5) Phenol-d6	6.74	99	1512	0.33	ng	0.00
8) Nitrobenzene-d5	8.69	82	1736	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	11.89	152	2785	0.27	ng	0.01
14) 2,4,6-Tribromophenol	15.67	330	349	0.28	ng	0.01
15) 2-Fluorobiphenyl	12.79	172	5003	0.36	ng	0.01
25) Fluoranthene-d10	18.95	212	5920	0.34	ng	0.00
29) Terphenyl-d14	19.56	244	5975	0.43	ng	0.00

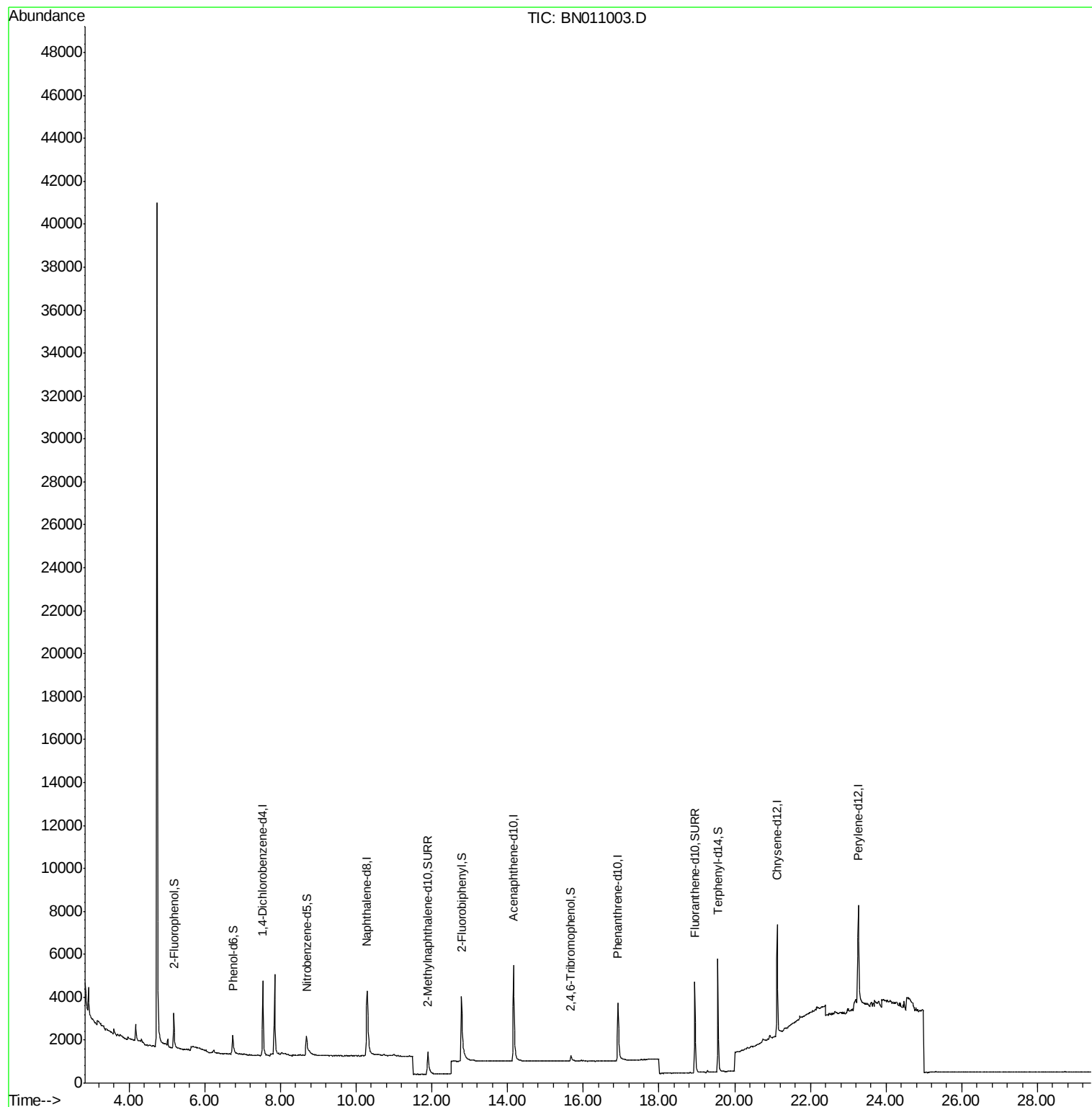
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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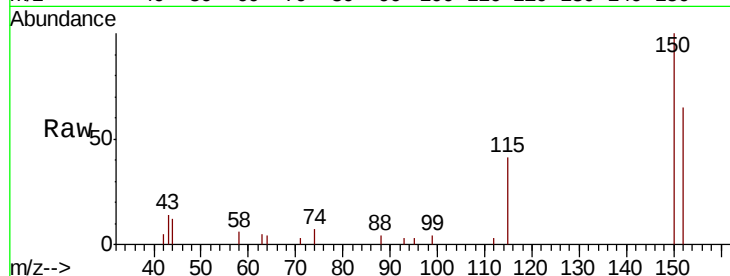


#1

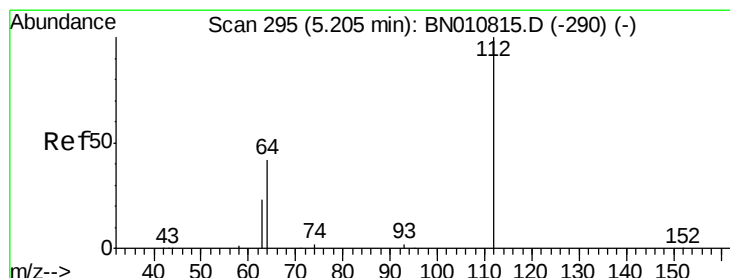
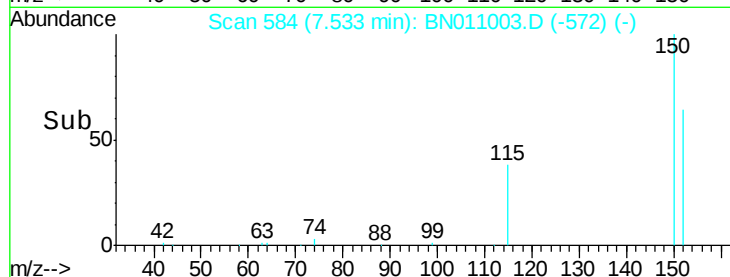
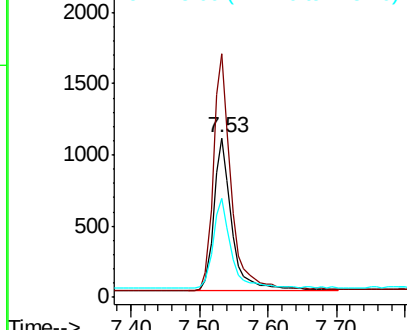
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN011003.D
Acq: 22 Jun 2020 11:28

Instrument :
BNA_N
ClientSampleId :
PB129630BL

Tot Ion:152 Resp: 1995
Ion Ratio Lower Upper
152 100
150 152.8 123.8 185.6
115 62.2 49.2 73.8



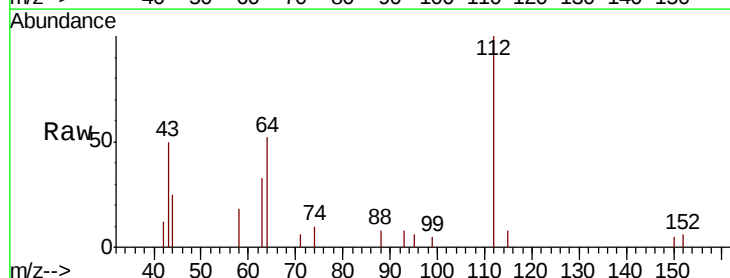
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



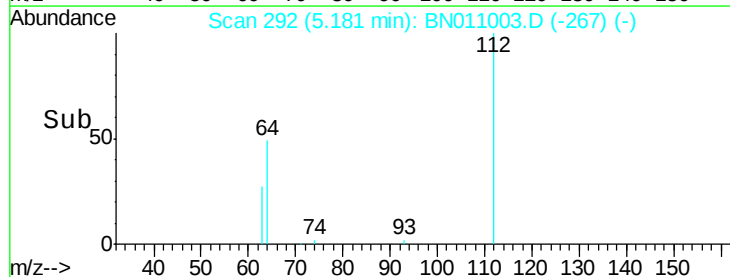
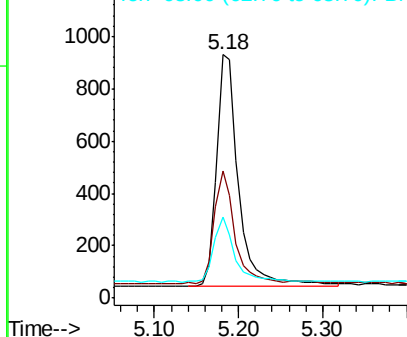
#4

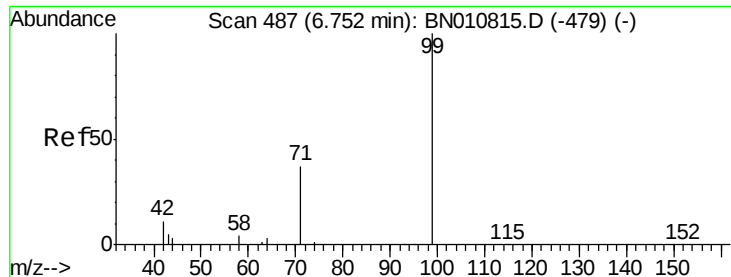
2-Fluorophenol
Concen: 0.419 ng
RT: 5.18 min Scan# 292
Delta R.T. -0.00 min
Lab File: BN011003.D
Acq: 22 Jun 2020 11:28

Tgt Ion:112 Resp: 1613
Ion Ratio Lower Upper
112 100
64 45.7 37.4 56.0
63 27.6 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: 0.333 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.01 min

Lab File: BN011003.D

Acq: 22 Jun 2020 11:28

Instrument :

BNA_N

ClientSampleId :

PB129630BL

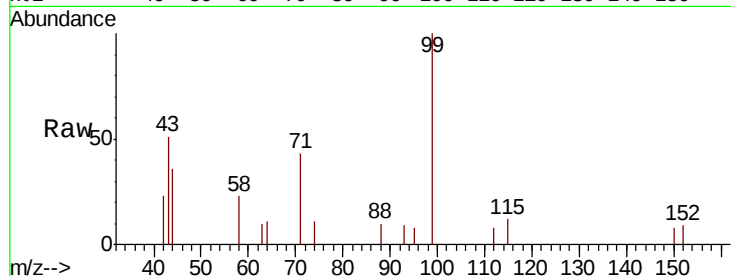
Tot Ion: 99 Resp: 1512

Ion Ratio Lower Upper

99 100

42 11.7 11.1 16.7

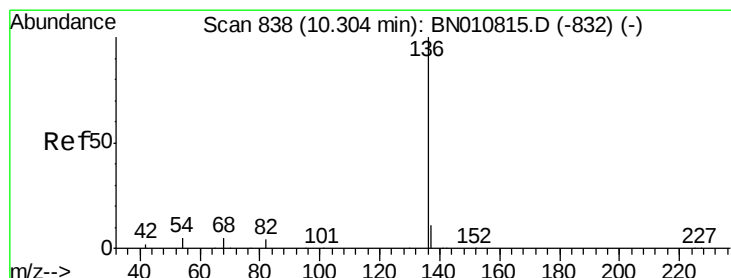
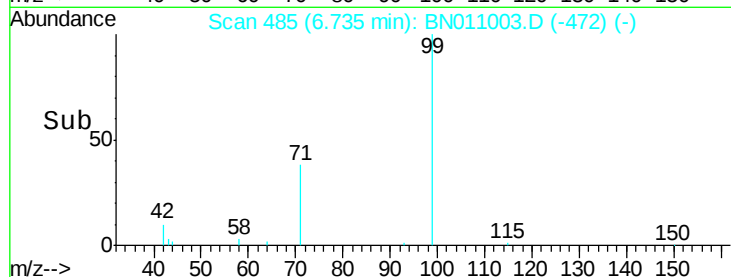
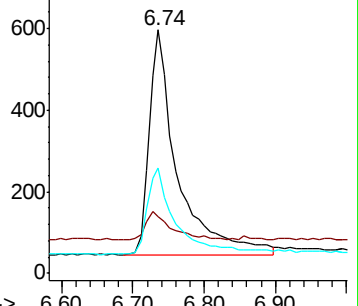
71 39.9 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN011003.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN011003.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN011003.D (-472) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. 0.01 min

Lab File: BN011003.D

Acq: 22 Jun 2020 11:28

Tgt Ion: 136 Resp: 6634

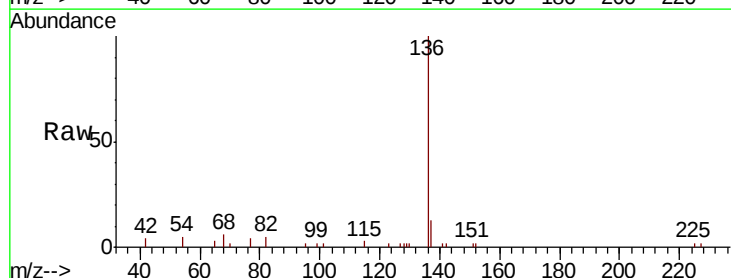
Ion Ratio Lower Upper

136 100

137 13.2 9.7 14.5

54 5.2 4.9 7.3

68 6.1 4.7 7.1

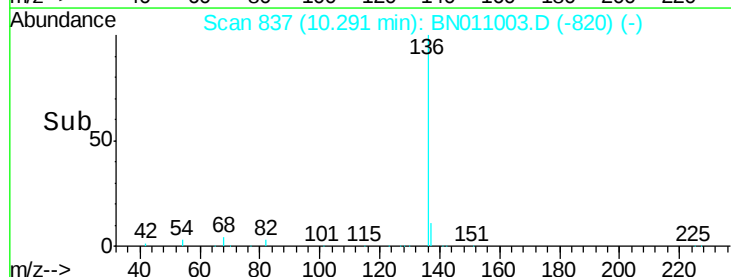
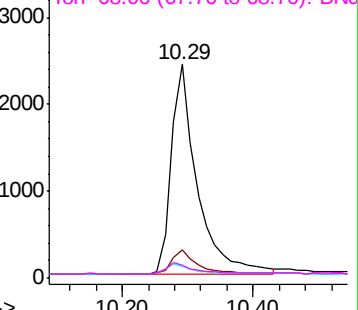


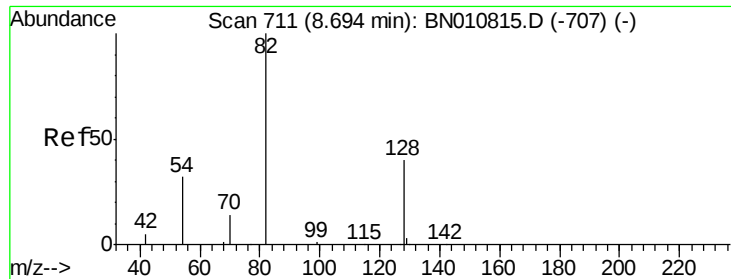
Abundance Ion 136.00 (135.70 to 136.70): BN011003.D (-820) (-)

Ion 137.00 (136.70 to 137.70): BN011003.D (-820) (-)

Ion 54.00 (53.70 to 54.70): BN011003.D (-820) (-)

Ion 68.00 (67.70 to 68.70): BN011003.D (-820) (-)





#8

Nitrobenzene-d5

Concen: 0.354 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.03 min

Lab File: BN011003.D

Acq: 22 Jun 2020 11:28

Instrument :

BNA_N

ClientSampleId :

PB129630BL

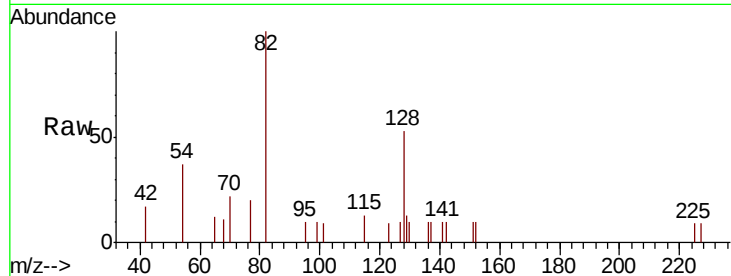
Tot Ion: 82 Resp: 1736

Ion Ratio Lower Upper

82 100

128 53.5 35.4 53.0#

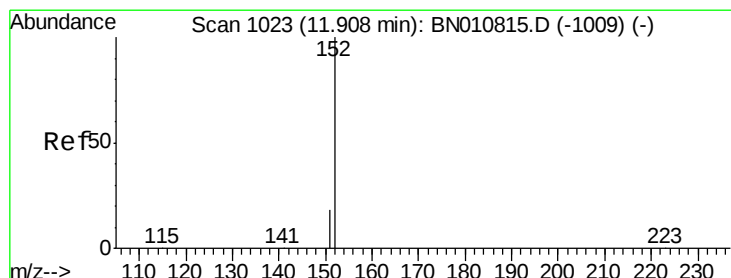
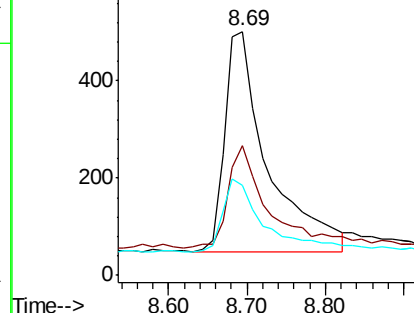
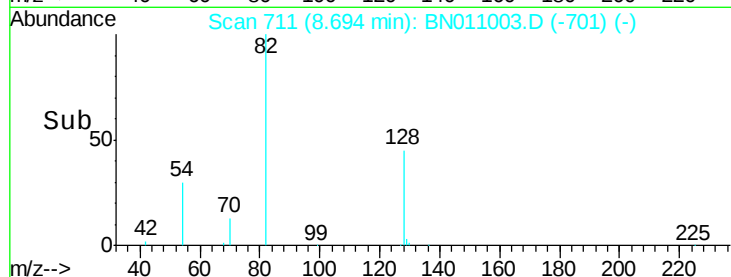
54 36.9 28.2 42.4



Abundance Ion 82.00 (81.70 to 82.70): BN011003.D (-971) (-)

Ion 128.00 (127.70 to 128.70): BN011003.D (-971) (-)

Ion 54.00 (53.70 to 54.70): BN011003.D (-971) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.271 ng

RT: 11.89 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BN011003.D

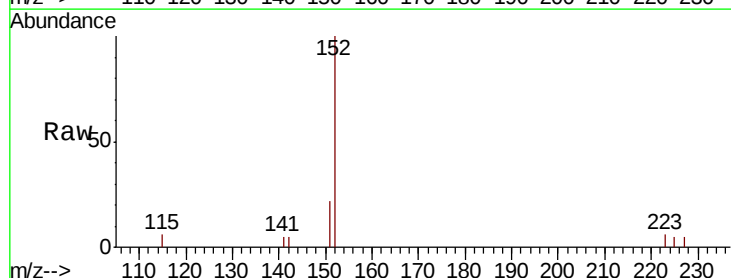
Acq: 22 Jun 2020 11:28

Tgt Ion: 152 Resp: 2785

Ion Ratio Lower Upper

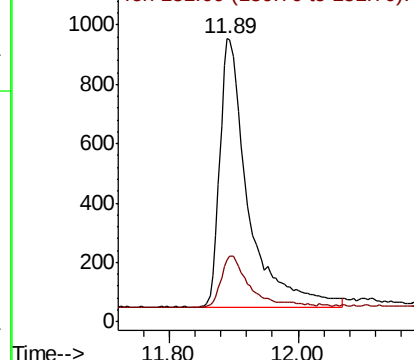
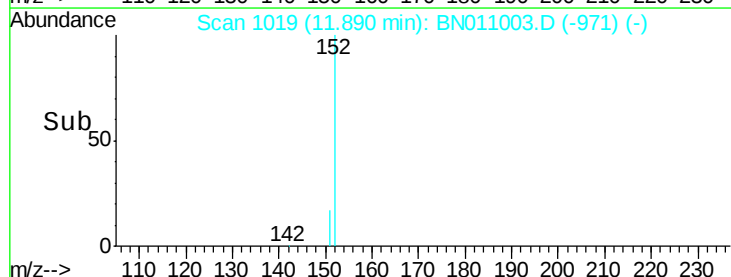
152 100

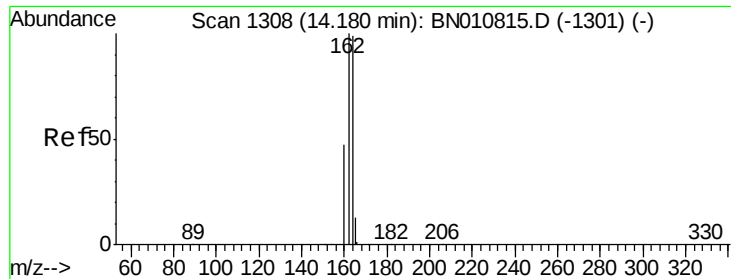
151 19.6 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN011003.D (-971) (-)

Ion 151.00 (150.70 to 151.70): BN011003.D (-971) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BN011003.D

Acq: 22 Jun 2020 11:28

Instrument :

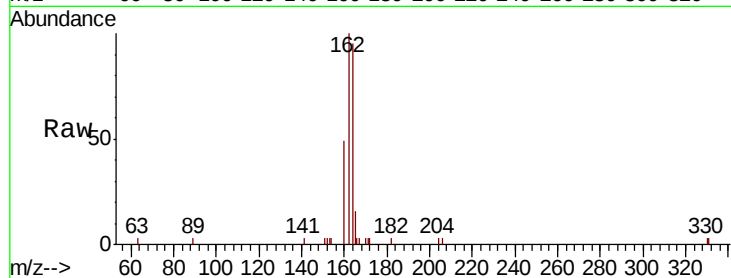
BNA_N

ClientSampleId :

PB129630BL

Tot Ion:164 Resp: 3491

Ion	Ratio	Lower	Upper
164	100		
162	105.8	81.0	121.6
160	52.0	38.9	58.3

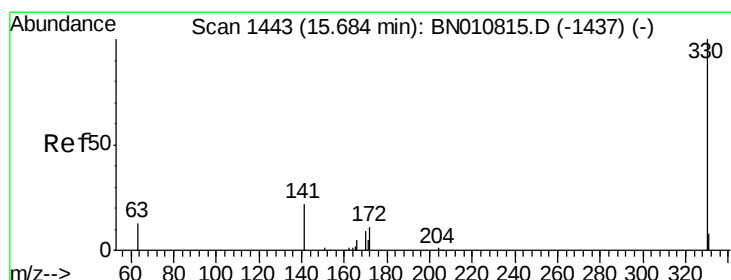
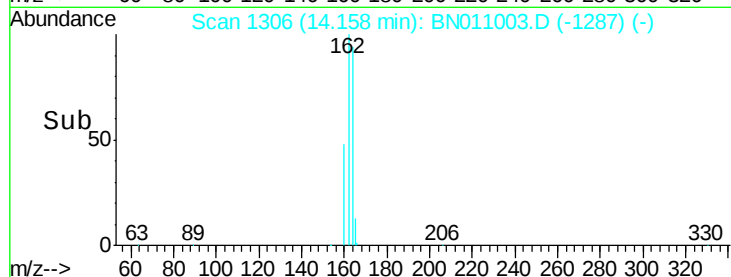
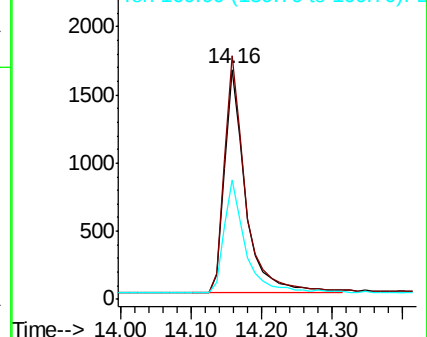


Abundance

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: 0.280 ng

RT: 15.67 min Scan# 1442

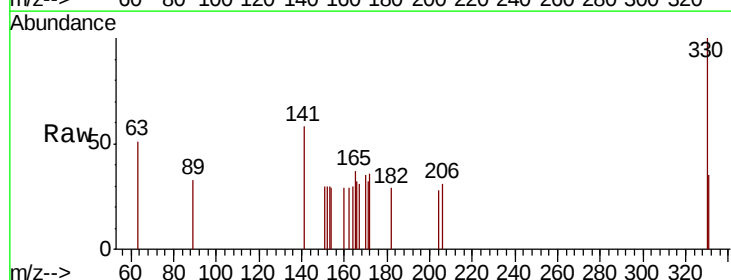
Delta R.T. 0.01 min

Lab File: BN011003.D

Acq: 22 Jun 2020 11:28

Tgt Ion:330 Resp: 349

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.4	33.2	49.8

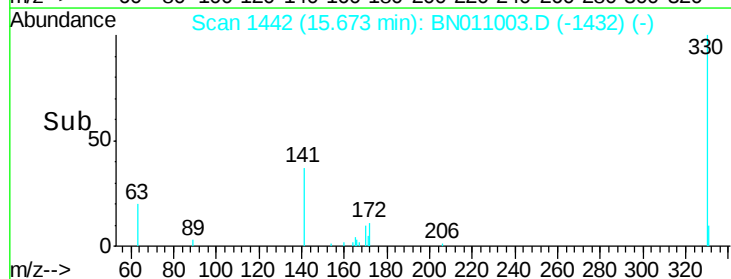
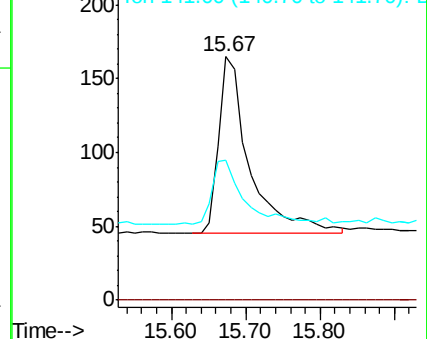


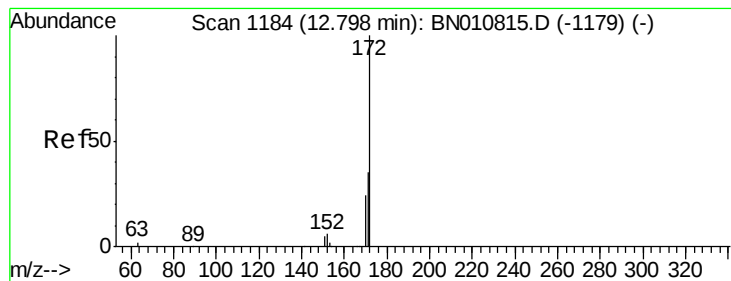
Abundance

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: 0.363 ng

RT: 12.79 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BN011003.D

Acq: 22 Jun 2020 11:28

Instrument :

BNA_N

ClientSampleId :

PB129630BL

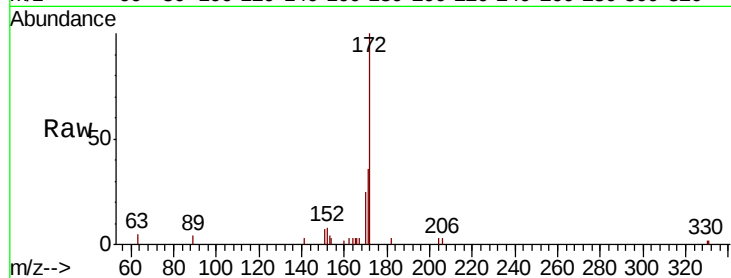
Tot Ion:172 Resp: 5003

Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

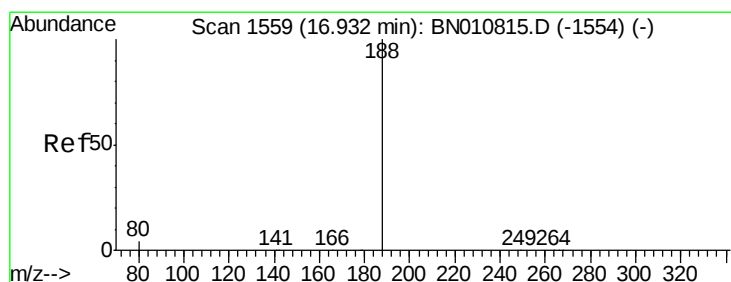
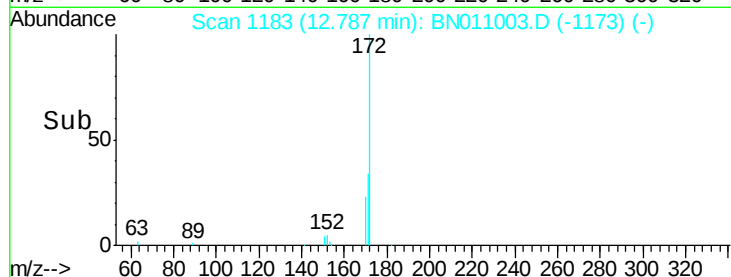
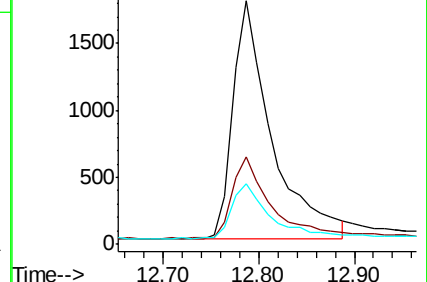
170 24.7 19.7 29.5



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: 16.91 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BN011003.D

Acq: 22 Jun 2020 11:28

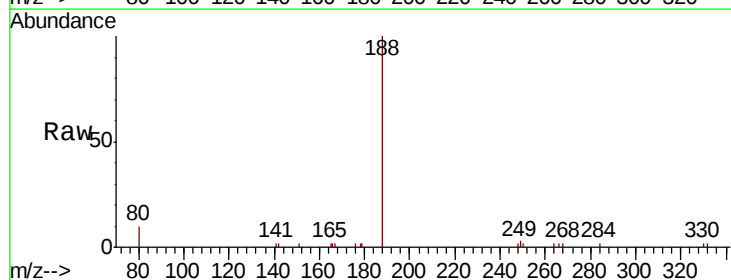
Tgt Ion:188 Resp: 6375

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

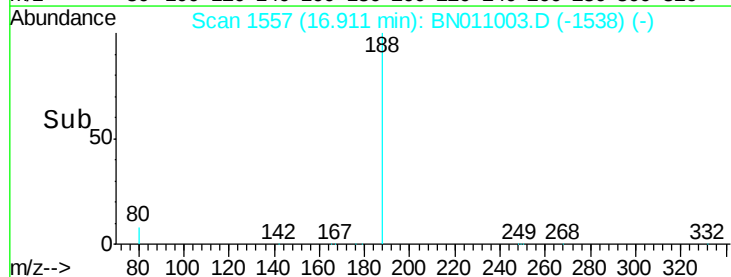
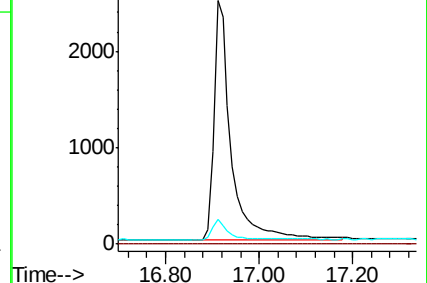
80 10.3 4.5 6.7#

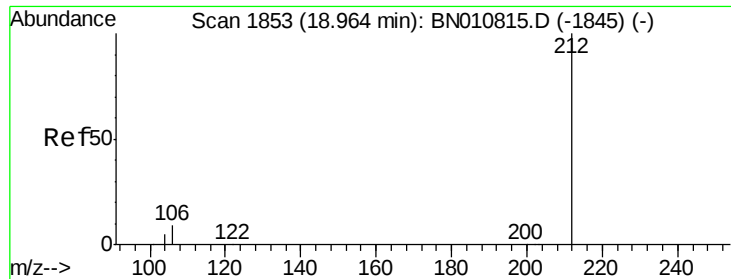


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

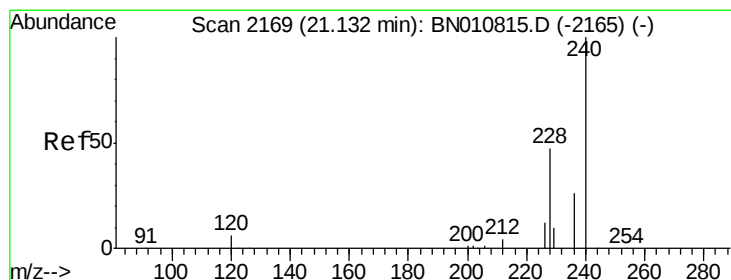
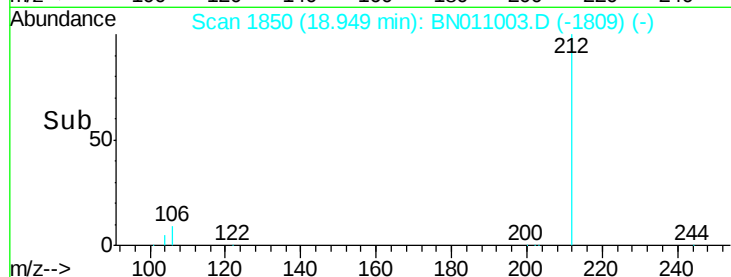
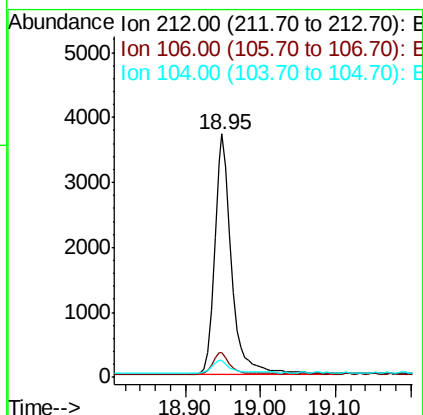
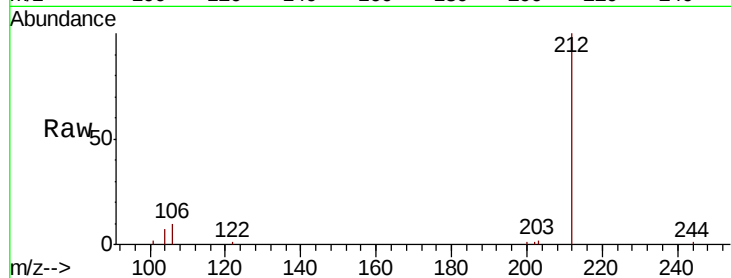




#25
 Fluoranthene-d10
 Concen: 0.336 ng
 RT: 18.95 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BN011003.D
 Acq: 22 Jun 2020 11:28

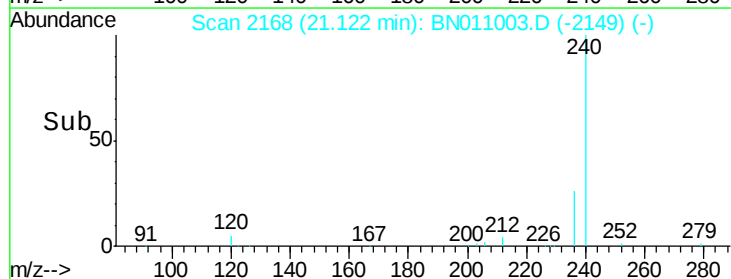
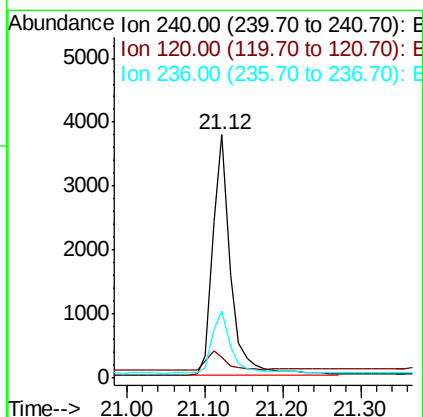
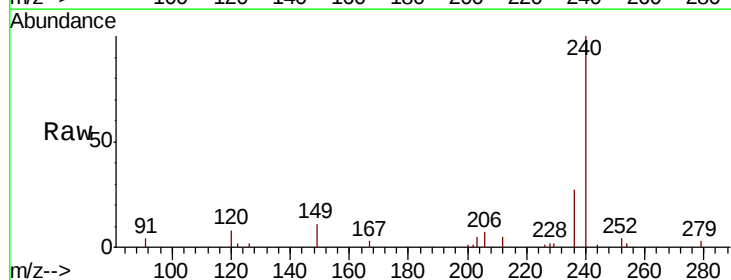
Instrument :
 BNA_N
 ClientSampleId :
 PB129630BL

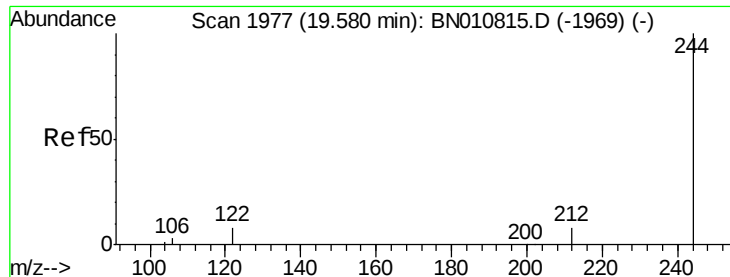
Tot Ion:212 Resp: 5920
 Ion Ratio Lower Upper
 212 100
 106 9.0 6.6 10.0
 104 5.2 4.0 6.0



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.12 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: BN011003.D
 Acq: 22 Jun 2020 11:28

Tgt Ion:240 Resp: 5994
 Ion Ratio Lower Upper
 240 100
 120 8.5 7.5 11.3
 236 27.4 22.3 33.5





#29

Terphenyl-d14

Concen: 0.426 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN011003.D

Acq: 22 Jun 2020 11:28

Instrument :

BNA_N

ClientSampleId :

PB129630BL

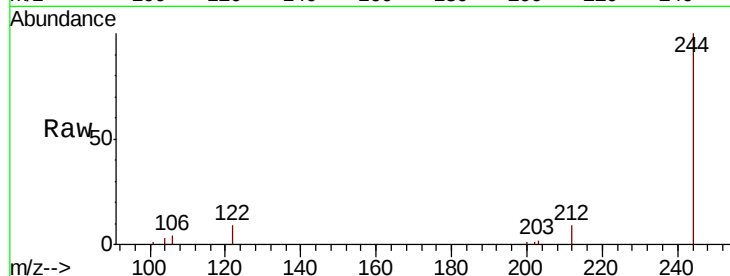
Tot Ion:244 Resp: 5975

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.2

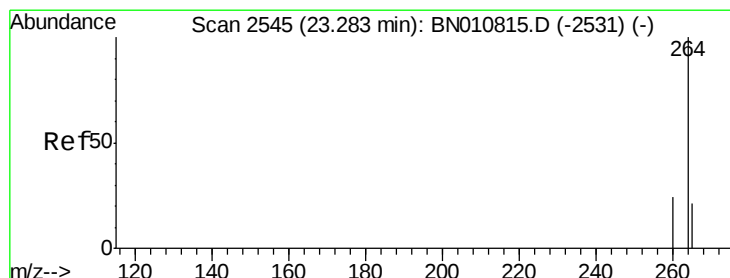
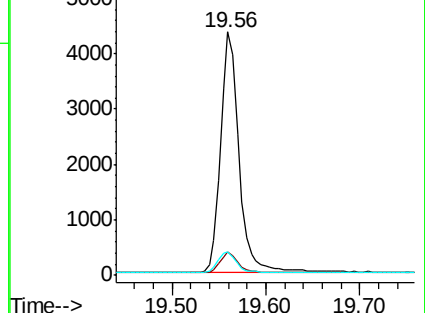
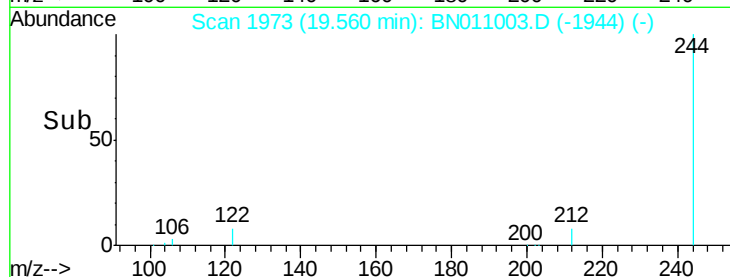
122 9.4 7.5 11.3



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.26 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BN011003.D

Acq: 22 Jun 2020 11:28

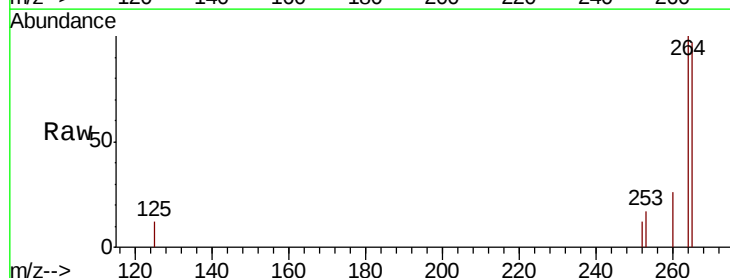
Tgt Ion:264 Resp: 6937

Ion Ratio Lower Upper

264 100

260 25.8 20.4 30.6

265 97.1 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

