

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
 Data File : BN011611.D
 Acq On : 25 Aug 2020 11:09
 Operator : CG/JU
 Sample : PB131179BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131179BL

Quant Time: Aug 25 13:10:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 03:31:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2291	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	9240	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	5570	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	11637	0.40	ng	0.00
29) Chrysene-d12	21.33	240	10830	0.40	ng	0.00
36) Perylene-d12	23.60	264	12269	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	2071	0.28	ng	0.00
5) Phenol-d6	6.92	99	2672	0.26	ng	0.00
8) Nitrobenzene-d5	8.89	82	2368	0.30	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	4521	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	385	0.13	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	6119	0.28	ng	0.00
27) Fluoranthene-d10	19.18	212	9523	0.25	ng	0.00
31) Terphenyl-d14	19.78	244	8332	0.30	ng	0.00

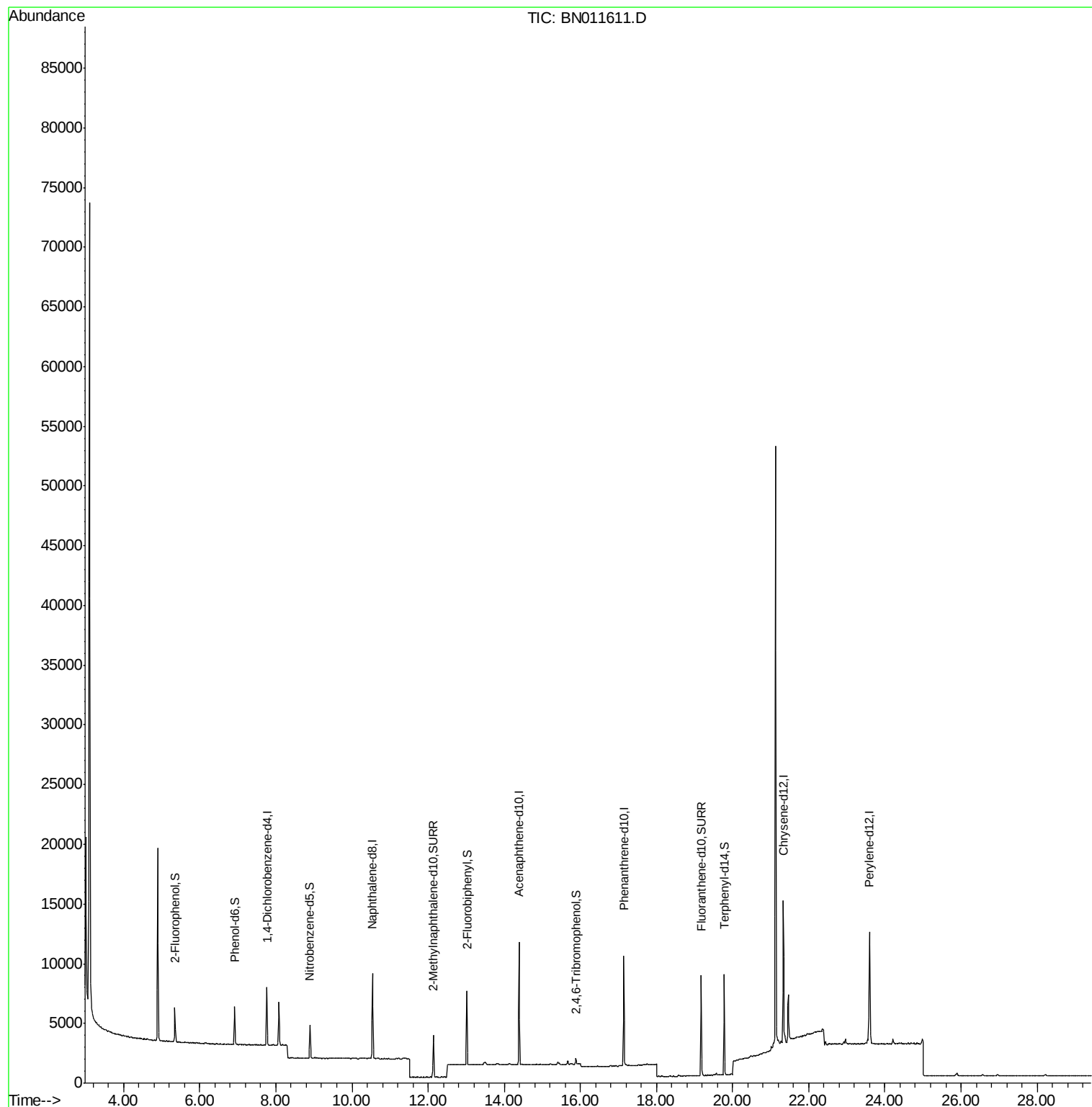
Target Compounds	Qvalue
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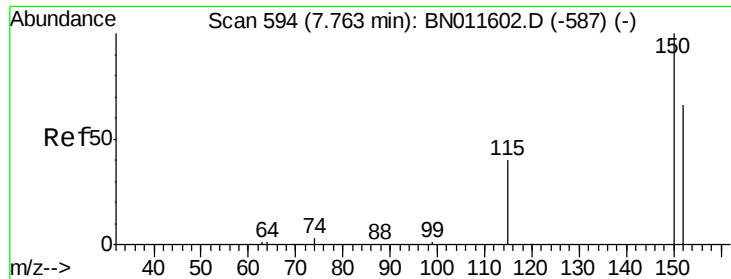
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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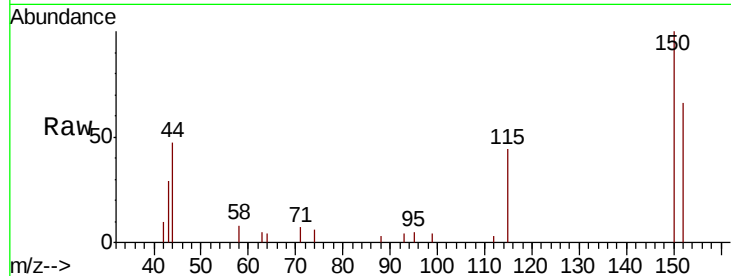


#1

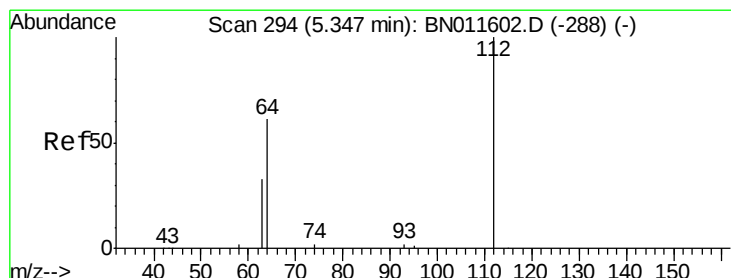
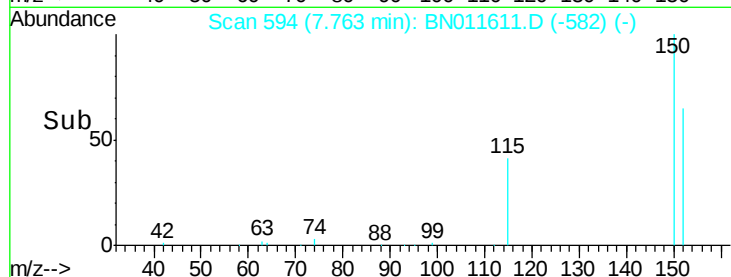
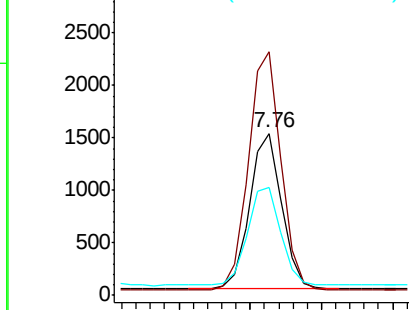
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 594
Delta R.T. -0.00 min
Lab File: BN011611.D
Acq: 25 Aug 2020 11:09

Instrument :
BNA_N
ClientSampleId :
PB131179BL

Tot Ion:152 Resp: 2291
Ion Ratio Lower Upper
152 100
150 150.6 112.4 168.6
115 66.8 56.9 85.3



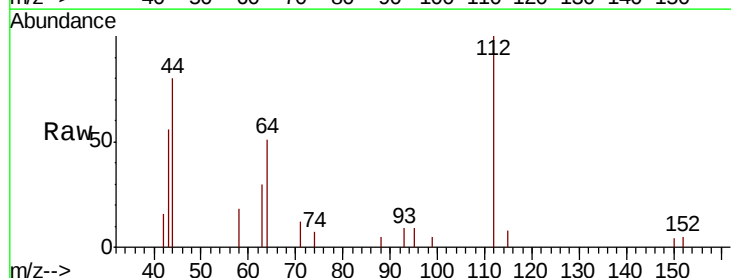
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



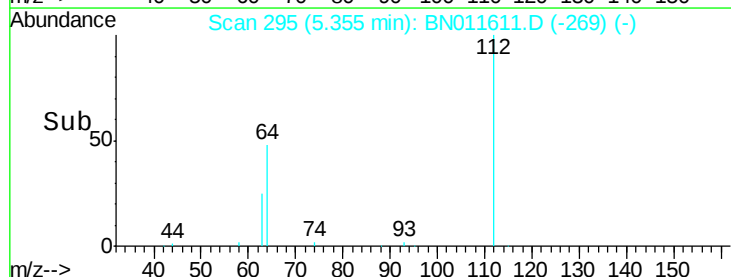
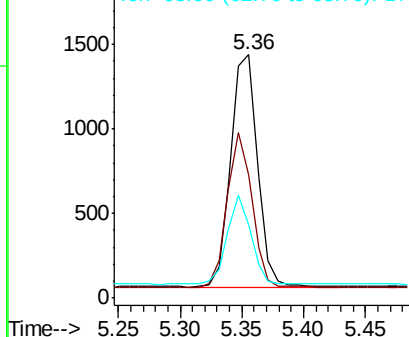
#4

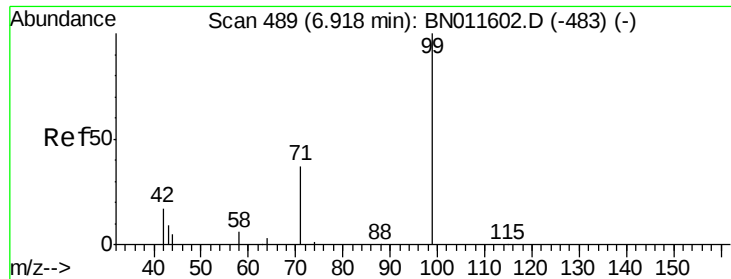
2-Fluorophenol
Concen: 0.283 ng
RT: 5.36 min Scan# 295
Delta R.T. 0.01 min
Lab File: BN011611.D
Acq: 25 Aug 2020 11:09

Tgt Ion:112 Resp: 2071
Ion Ratio Lower Upper
112 100
64 62.6 49.6 74.4
63 35.0 26.4 39.6



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: 0.258 ng

RT: 6.92 min Scan# 489

Delta R.T. -0.00 min

Lab File: BN011611.D

Acq: 25 Aug 2020 11:09

Instrument :

BNA_N

ClientSampleId :

PB131179BL

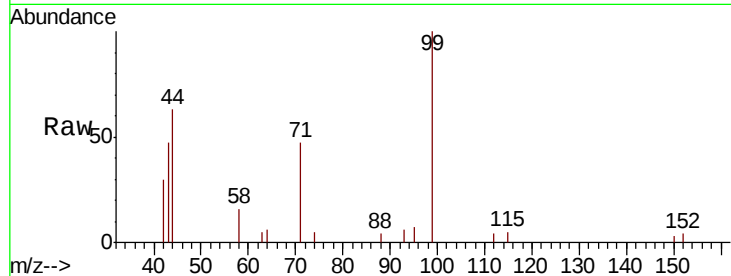
Tot Ion: 99 Resp: 2672

Ion Ratio Lower Upper

99 100

42 21.9 0.0 0.0#

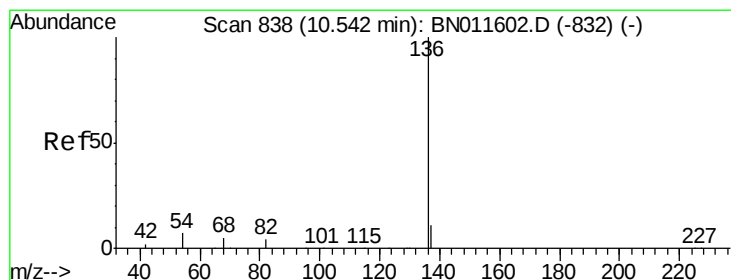
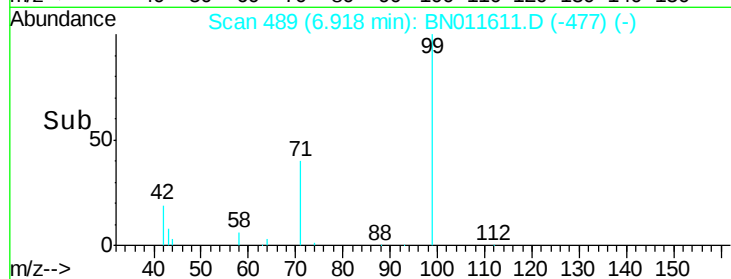
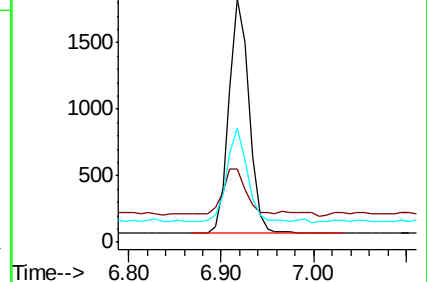
71 39.4 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BN011602.D (-483) (-)

Ion 42.00 (41.70 to 42.70): BN011602.D (-483) (-)

Ion 71.00 (70.70 to 71.70): BN011602.D (-483) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011611.D

Acq: 25 Aug 2020 11:09

Tgt Ion: 136 Resp: 9240

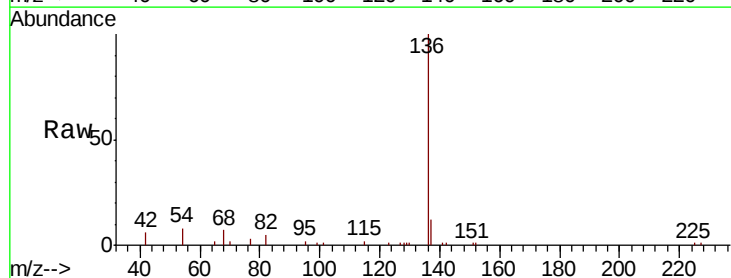
Ion Ratio Lower Upper

136 100

137 12.2 11.5 17.3

54 8.5 11.9 17.9#

68 6.6 12.3 18.5#

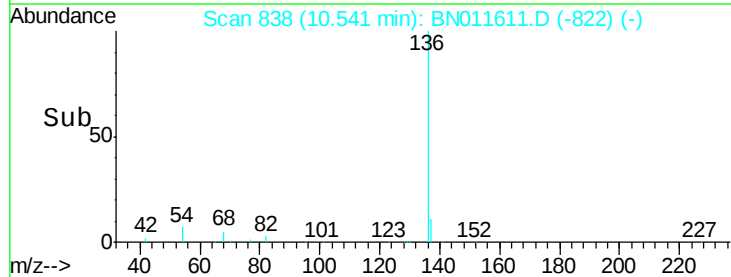
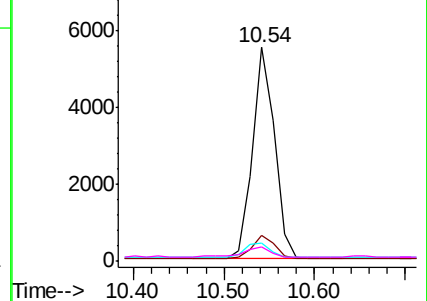


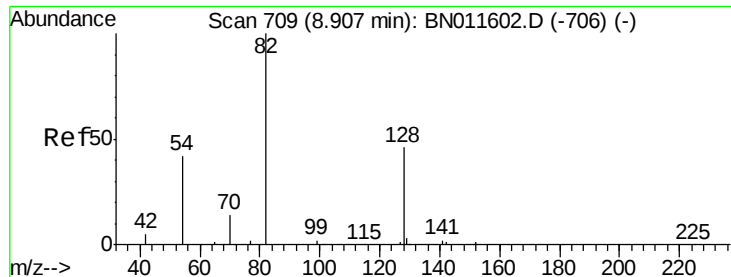
Abundance Ion 136.00 (135.70 to 136.70): BN011602.D (-832) (-)

Ion 137.00 (136.70 to 137.70): BN011602.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN011602.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN011602.D (-832) (-)





#8

Nitrobenzene-d5

Concen: 0.296 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011611.D

Acq: 25 Aug 2020 11:09

Instrument :

BNA_N

ClientSampleId :

PB131179BL

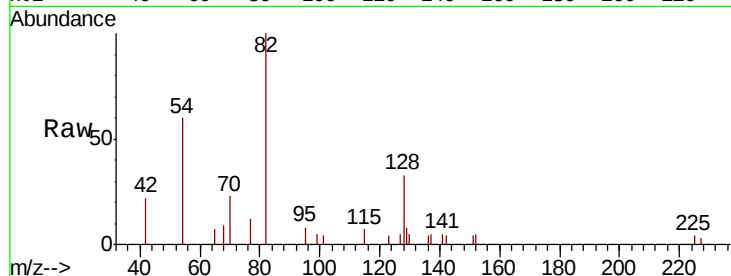
Tot Ion: 82 Resp: 2368

Ion Ratio Lower Upper

82 100

128 32.8 31.1 46.7

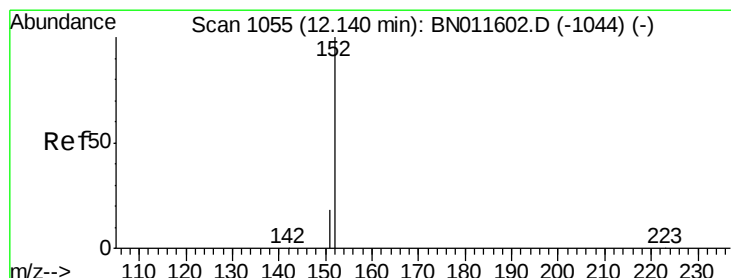
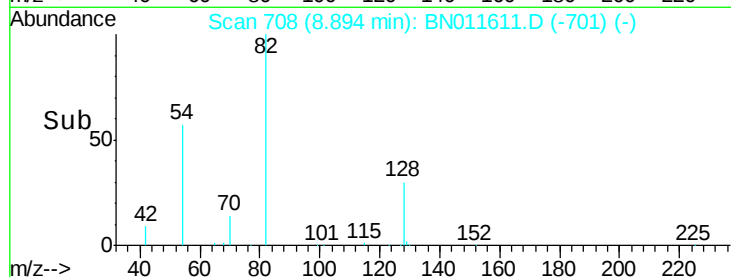
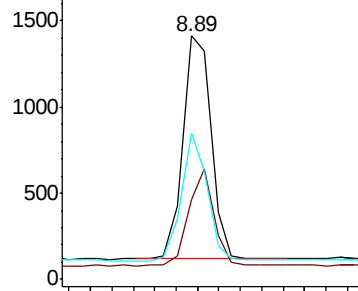
54 60.1 37.1 55.7#



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#11

2-Methylnaphthalene-d10

Concen: 0.258 ng

RT: 12.14 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BN011611.D

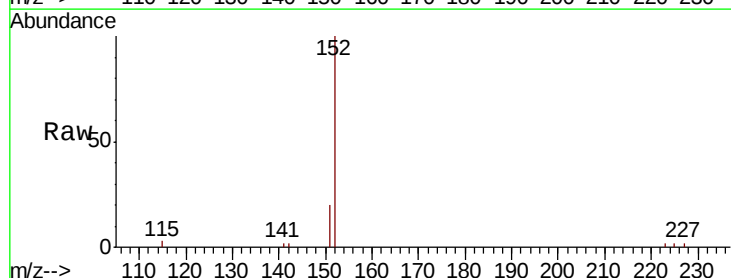
Acq: 25 Aug 2020 11:09

Tgt Ion: 152 Resp: 4521

Ion Ratio Lower Upper

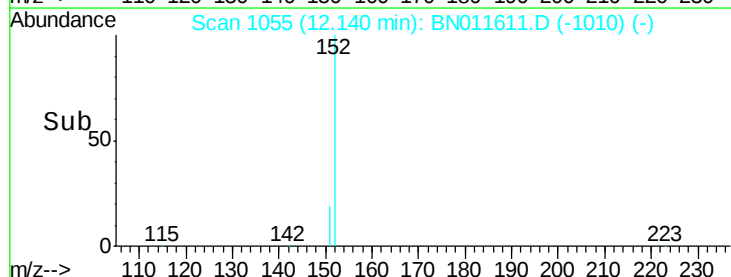
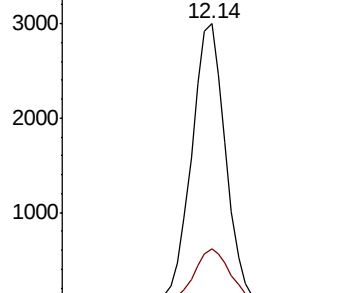
152 100

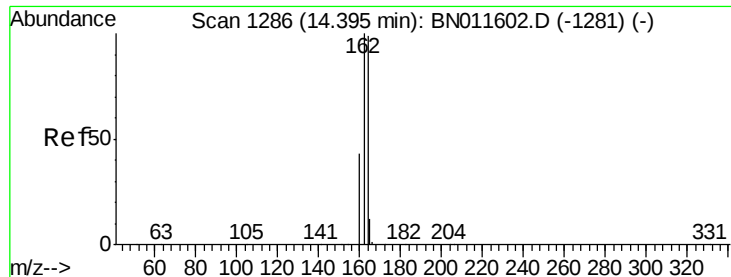
151 20.5 16.4 24.6



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.39 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011611.D

Acq: 25 Aug 2020 11:09

Instrument :

BNA_N

ClientSampleId :

PB131179BL

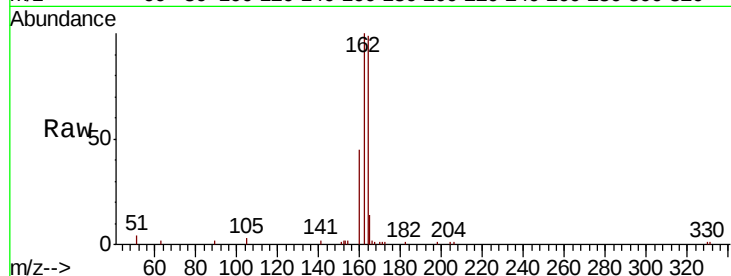
Tot Ion:164 Resp: 5570

Ion Ratio Lower Upper

164 100

162 101.4 80.8 121.2

160 45.3 35.6 53.4

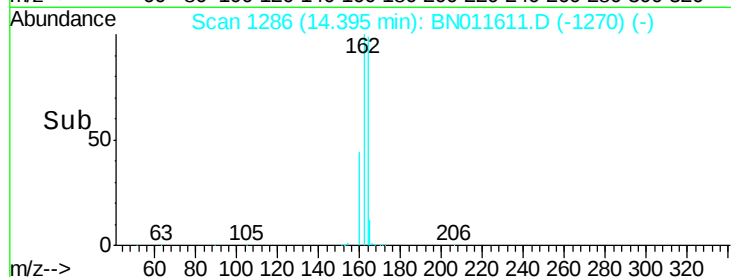


Abundance Ion 164.00 (163.70 to 164.70): E

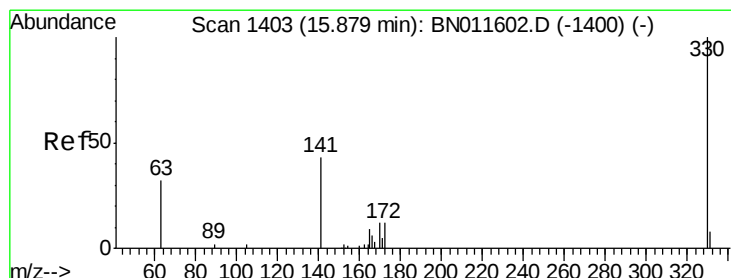
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.126 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011611.D

Acq: 25 Aug 2020 11:09

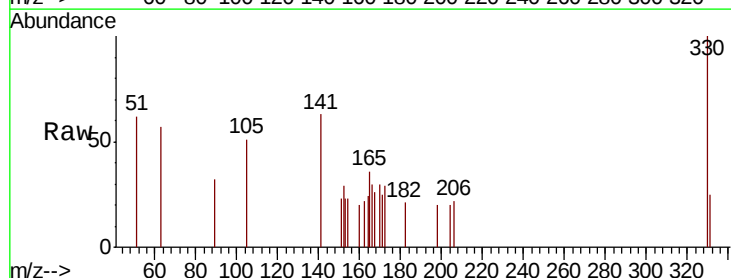
Tgt Ion:330 Resp: 385

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 38.4 29.4 44.2

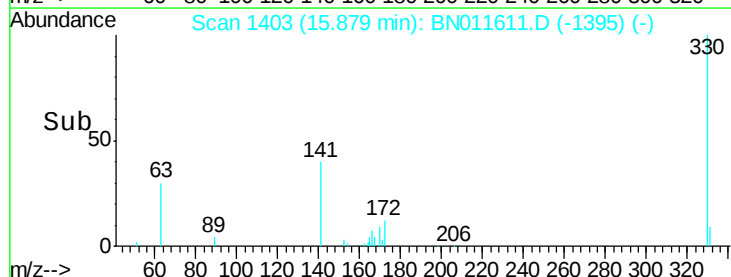


Abundance Ion 330.00 (329.70 to 330.70): E

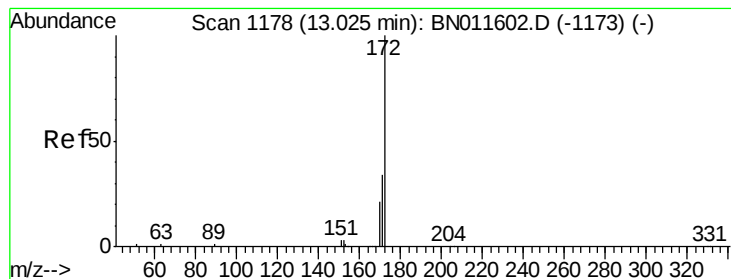
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#15

2-Fluorobiphenyl

Concen: 0.282 ng

RT: 13.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BN011611.D

Acq: 25 Aug 2020 11:09

Instrument :

BNA_N

ClientSampleId :

PB131179BL

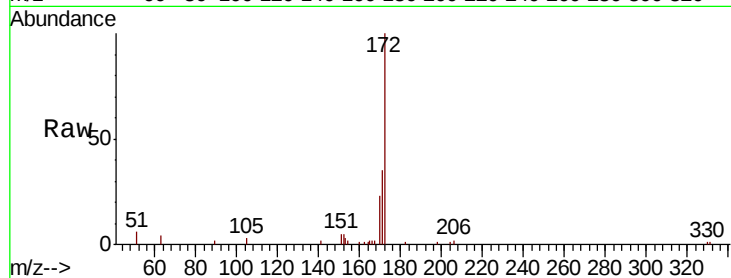
Tot Ion:172 Resp: 6119

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

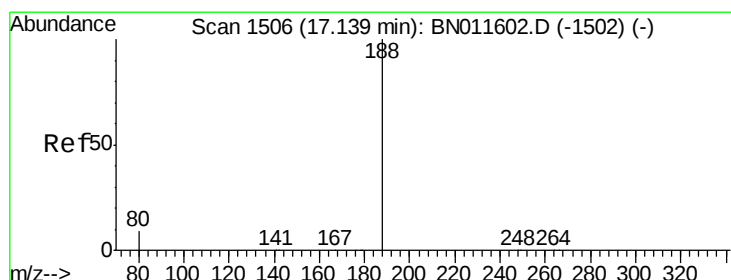
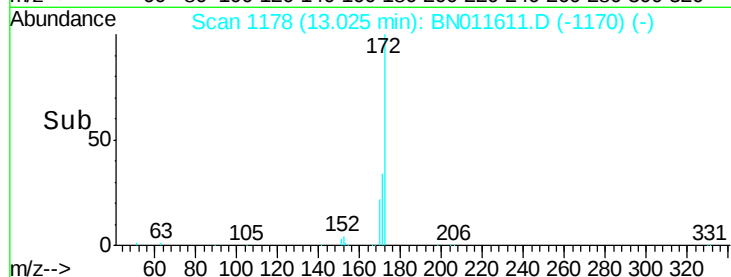
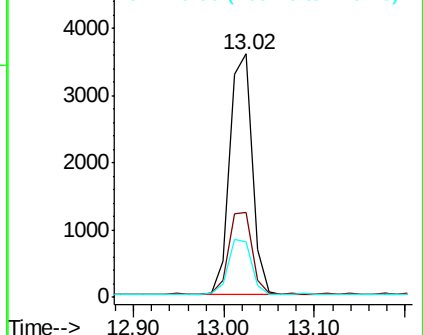
170 22.7 18.2 27.2



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: 17.14 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN011611.D

Acq: 25 Aug 2020 11:09

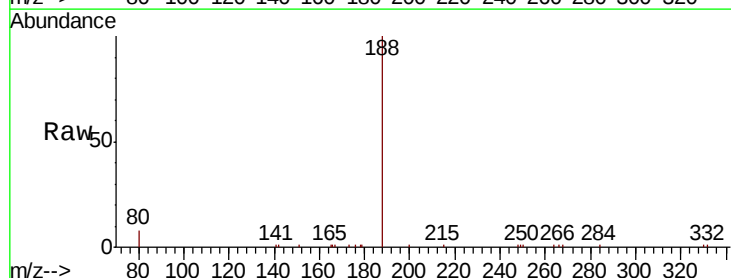
Tgt Ion:188 Resp: 11637

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

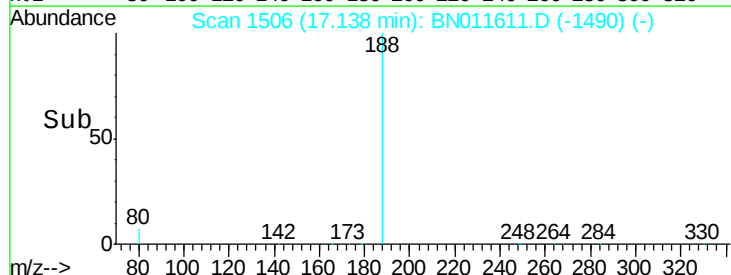
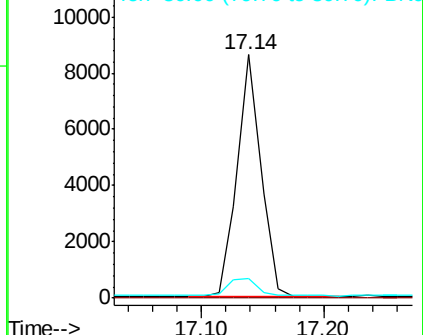
80 7.9 9.2 13.8#

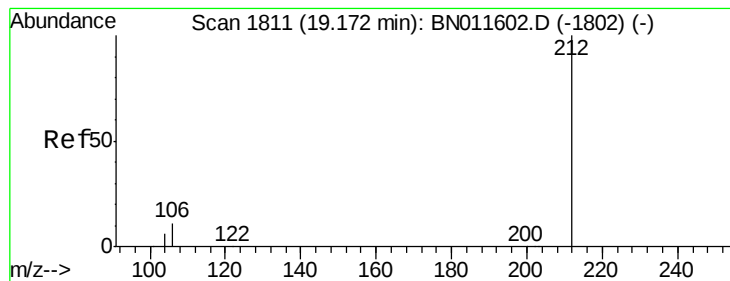


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#27

Fluoranthene-d10

Concen: 0.251 ng

RT: 19.18 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BN011611.D

Acq: 25 Aug 2020 11:09

Instrument :

BNA_N

ClientSampleId :

PB131179BL

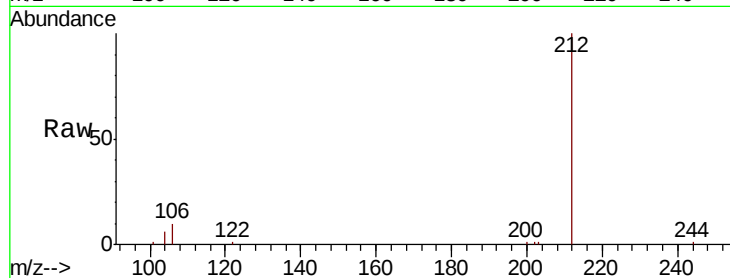
Tot Ion:212 Resp: 9523

Ion Ratio Lower Upper

212 100

106 10.4 8.9 13.3

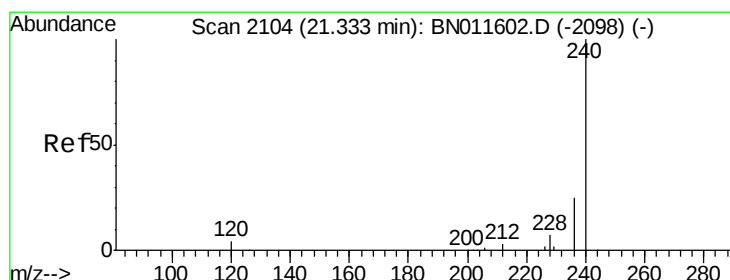
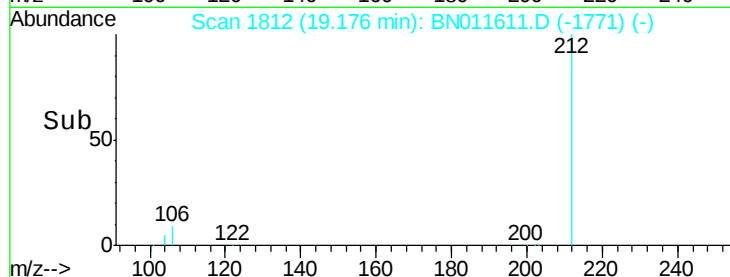
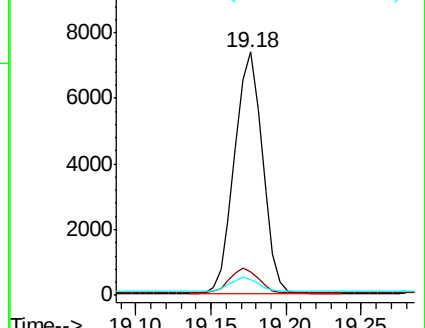
104 6.2 5.3 7.9



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



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.33 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BN011611.D

Acq: 25 Aug 2020 11:09

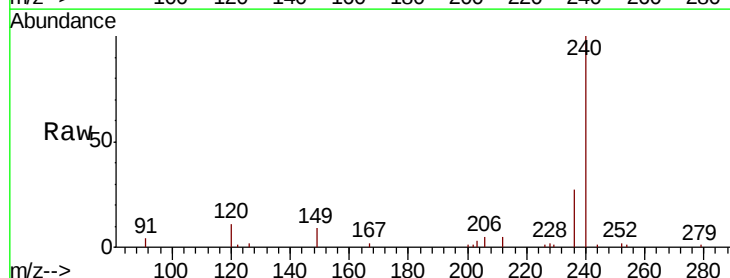
Tgt Ion:240 Resp: 10830

Ion Ratio Lower Upper

240 100

120 10.9 6.0 9.0#

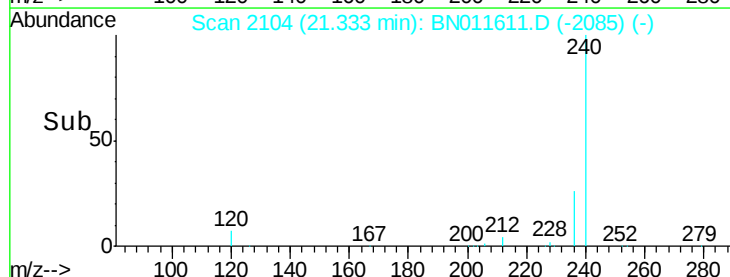
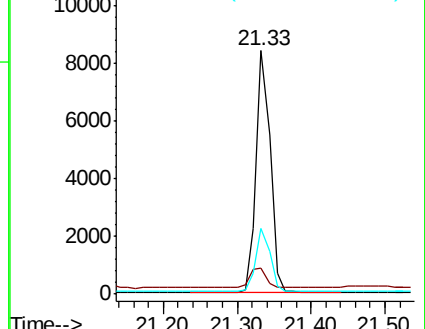
236 27.0 20.8 31.2

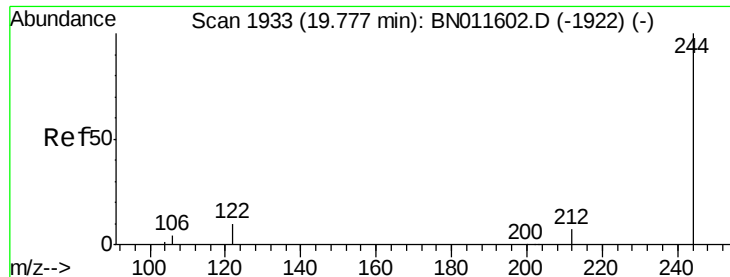


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.301 ng

RT: 19.78 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BN011611.D

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PB131179BL

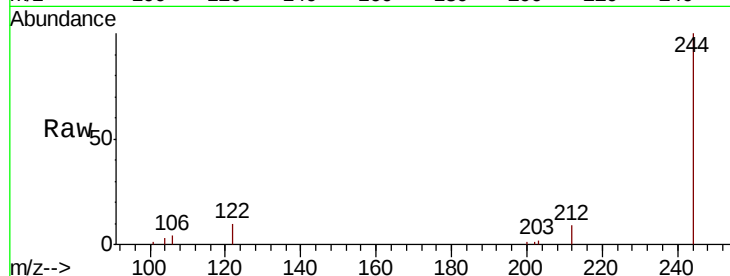
Tot Ion:244 Resp: 8332

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

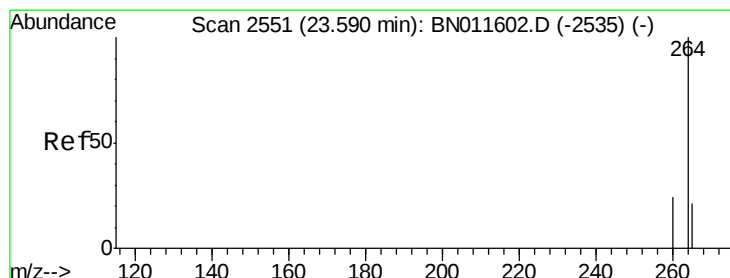
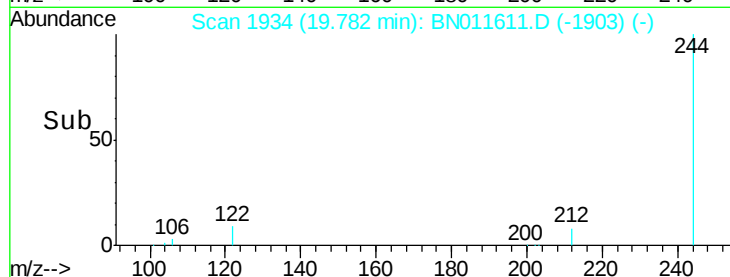
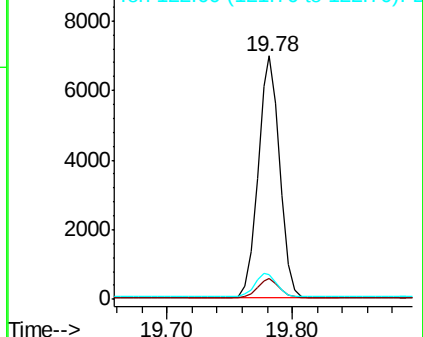
122 10.1 9.5 14.3



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.60 min Scan# 2553

Delta R.T. 0.01 min

Lab File: BN011611.D

Acq: 25 Aug 2020 11:09

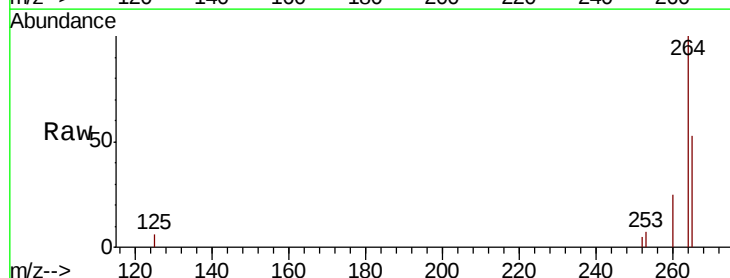
Tgt Ion:264 Resp: 12269

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 52.8 40.7 61.1



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

