

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
 Data File : BN011629.D
 Acq On : 25 Aug 2020 23:50
 Operator : CG/JU
 Sample : PB131047BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131047BL

Quant Time: Aug 26 02:35:49 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	2092	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	8245	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	4846	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	10722	0.40	ng	0.00
29) Chrysene-d12	21.32	240	10197	0.40	ng	-0.01
36) Perylene-d12	23.59	264	11995	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1805	0.27	ng	0.00
5) Phenol-d6	6.92	99	2331	0.25	ng	0.00
8) Nitrobenzene-d5	8.89	82	2116	0.30	ng	-0.01
11) 2-Methylnaphthalene-d10	12.13	152	3967	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	274	0.10	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	5651	0.30	ng	-0.01
27) Fluoranthene-d10	19.17	212	8749	0.25	ng	0.00
31) Terphenyl-d14	19.77	244	7849	0.30	ng	0.00

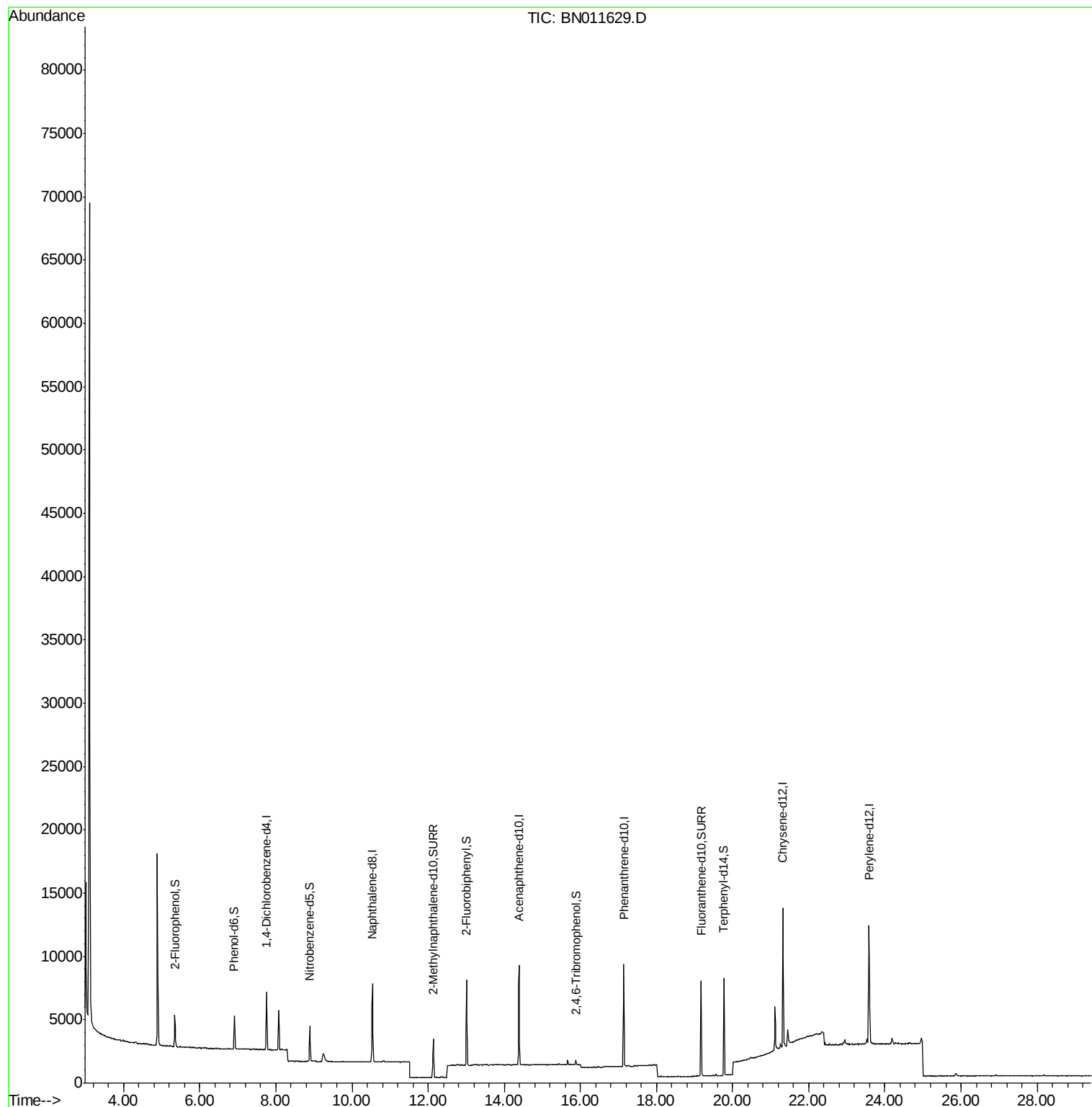
Target Compounds Qvalue

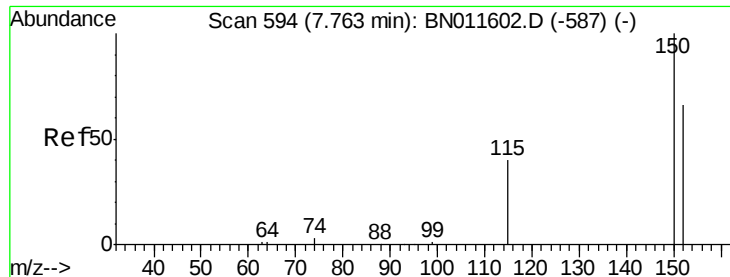
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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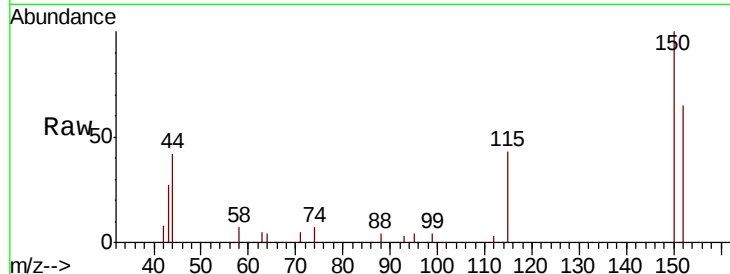


#1

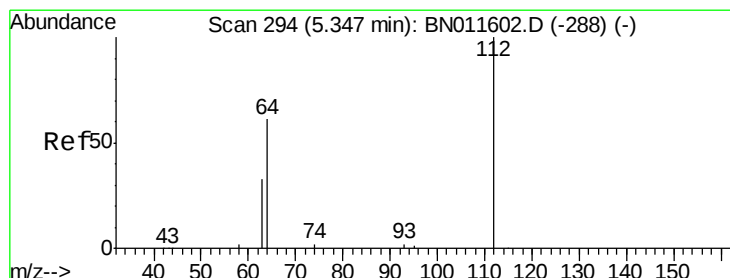
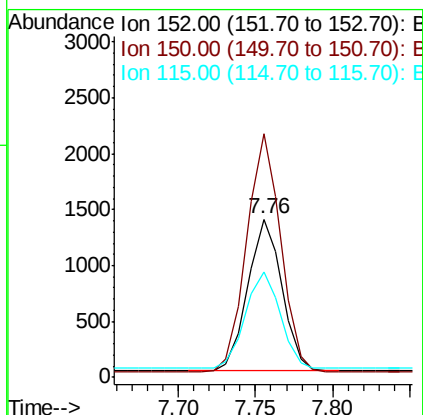
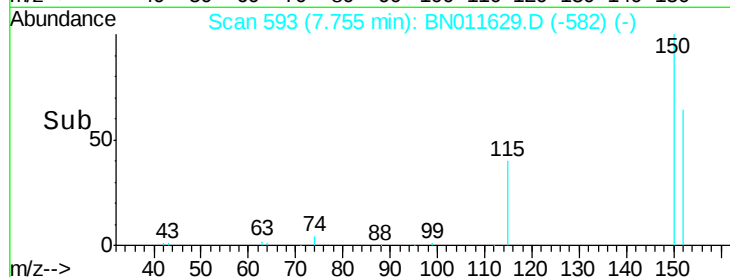
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN011629.D
Acq: 25 Aug 2020 23:50

Instrument :
BNA_N
ClientSampleId :
PB131047BL

Tot Ion:152 Resp: 2092
Ion Ratio Lower Upper
152 100
150 154.0 112.4 168.6
115 66.5 56.9 85.3



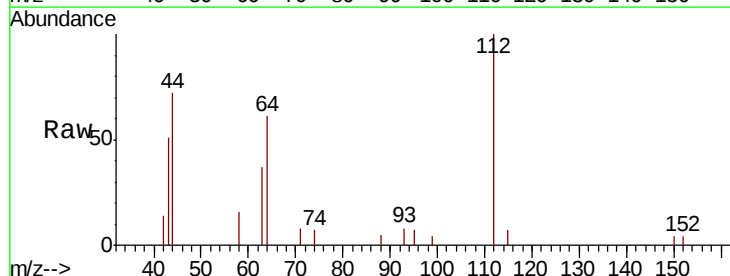
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



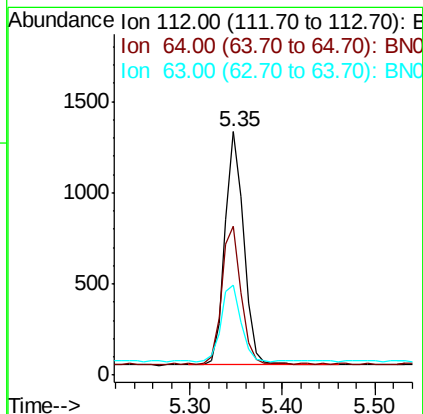
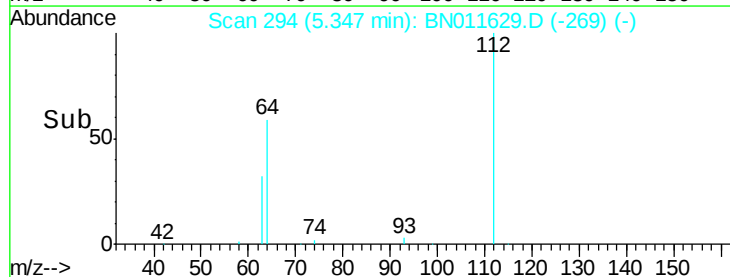
#4

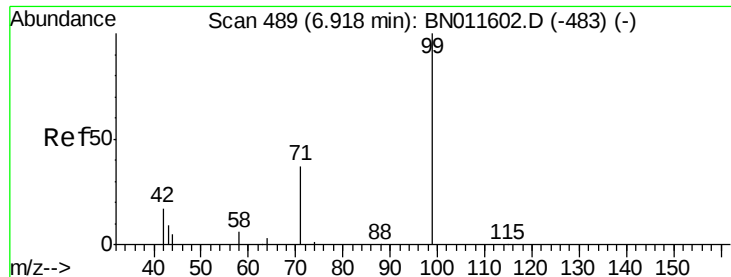
2-Fluorophenol
Concen: 0.270 ng
RT: 5.35 min Scan# 294
Delta R.T. -0.00 min
Lab File: BN011629.D
Acq: 25 Aug 2020 23:50

Tgt Ion:112 Resp: 1805
Ion Ratio Lower Upper
112 100
64 61.4 49.6 74.4
63 35.3 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: 0.246 ng

RT: 6.92 min Scan# 489

Delta R.T. -0.00 min

Lab File: BN011629.D

Acq: 25 Aug 2020 23:50

Instrument :

BNA_N

ClientSampleId :

PB131047BL

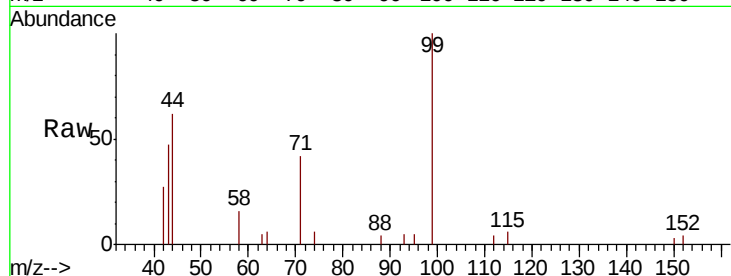
Tot Ion: 99 Resp: 2331

Ion Ratio Lower Upper

99 100

42 23.5 0.0 0.0#

71 42.0 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) (-)

6.92

1500

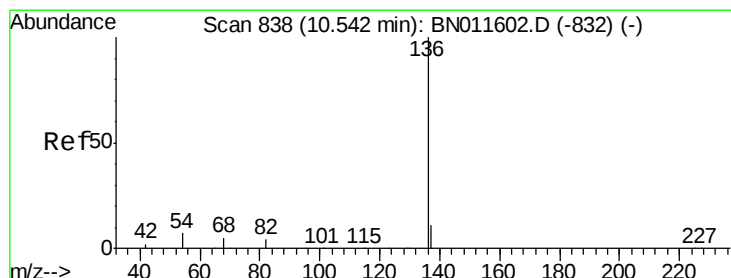
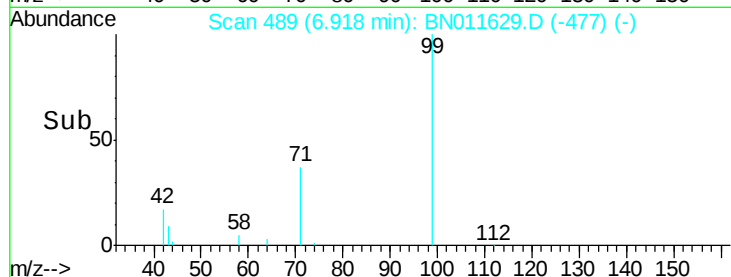
1000

500

0

6.80 6.90 7.00 7.10

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011629.D

Acq: 25 Aug 2020 23:50

Tgt Ion: 136 Resp: 8245

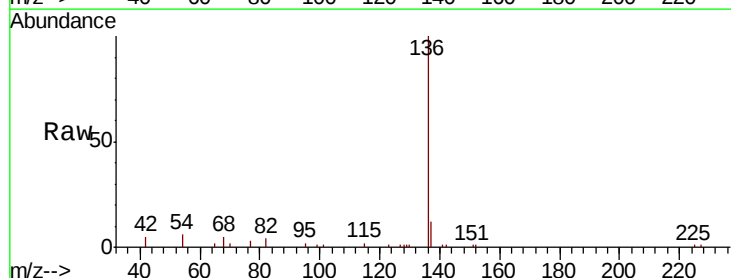
Ion Ratio Lower Upper

136 100

137 11.9 11.5 17.3

54 6.4 11.9 17.9#

68 4.9 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) (-)

10.54

8000

6000

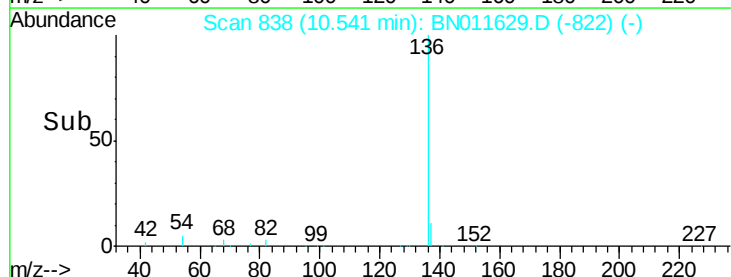
4000

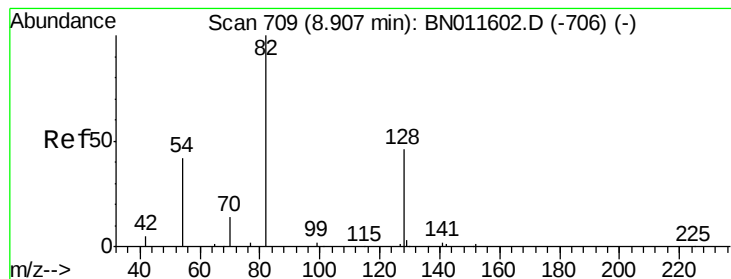
2000

0

10.40 10.50 10.60 10.70

Time-->





#8

Nitrobenzene-d5

Concen: 0.296 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011629.D

Acq: 25 Aug 2020 23:50

Instrument :

BNA_N

ClientSampleId :

PB131047BL

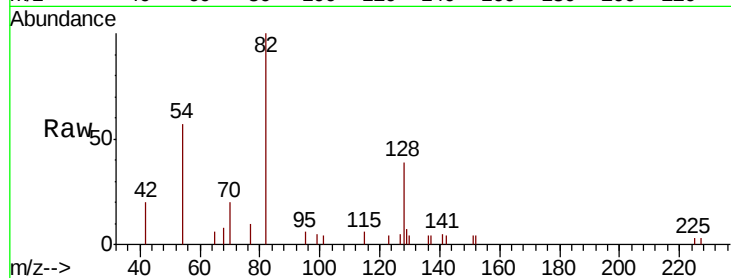
Tot Ion: 82 Resp: 2116

Ion Ratio Lower Upper

82 100

128 38.6 31.1 46.7

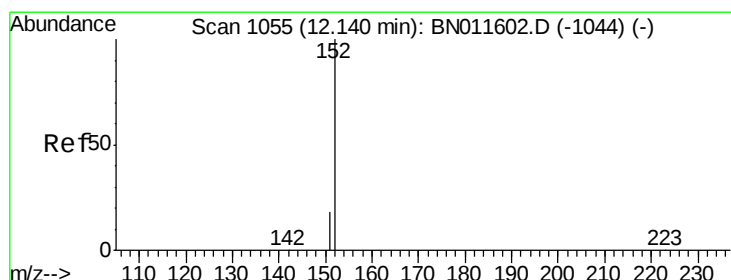
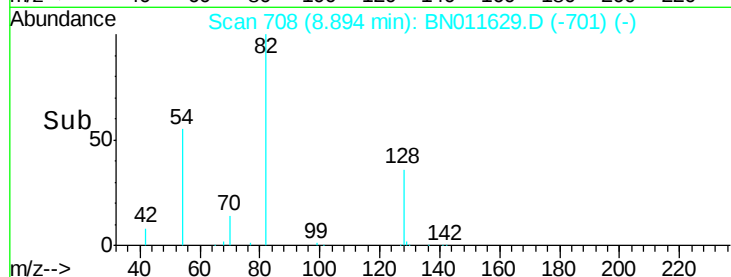
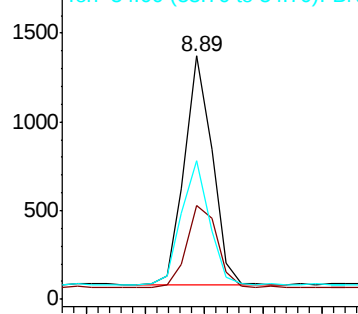
54 57.1 37.1 55.7#



Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



#11

2-Methylnaphthalene-d10

Concen: 0.254 ng

RT: 12.13 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BN011629.D

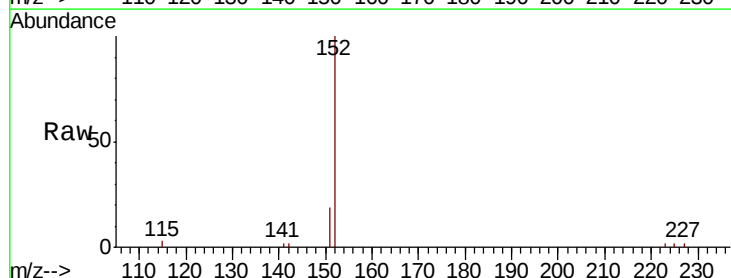
Acq: 25 Aug 2020 23:50

Tgt Ion: 152 Resp: 3967

Ion Ratio Lower Upper

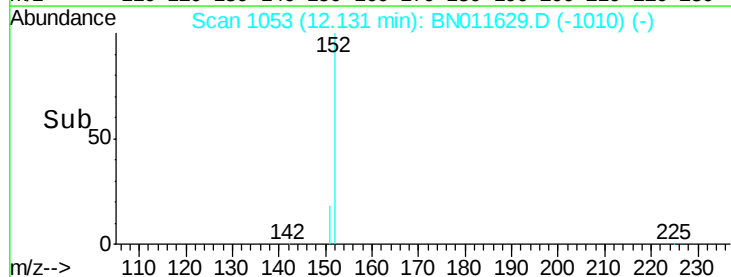
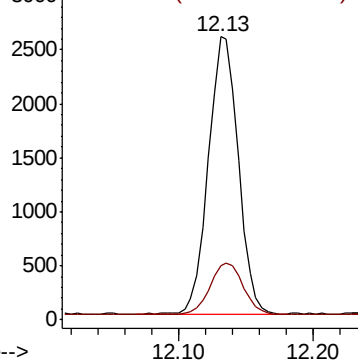
152 100

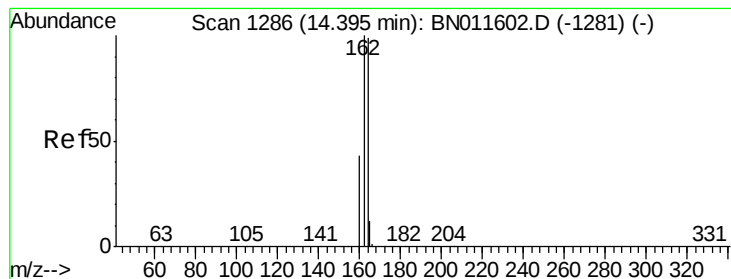
151 20.3 16.4 24.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.39 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011629.D

Acq: 25 Aug 2020 23:50

Instrument :

BNA_N

ClientSampleId :

PB131047BL

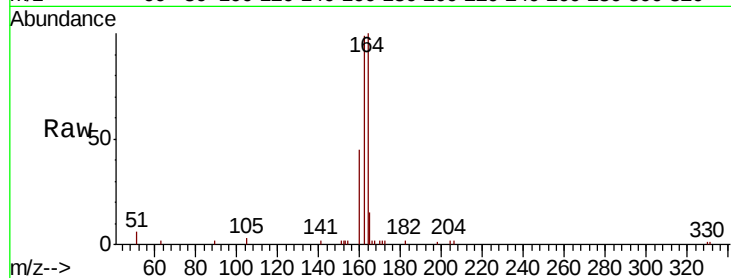
Tot Ion:164 Resp: 4846

Ion Ratio Lower Upper

164 100

162 99.5 80.8 121.2

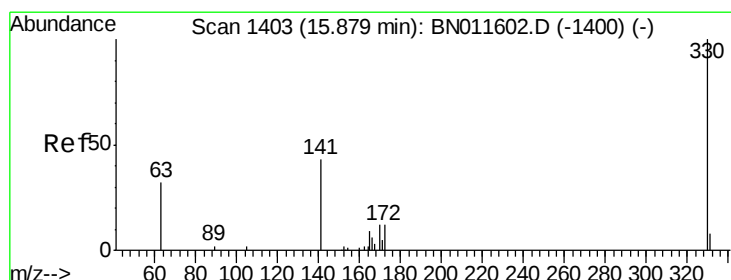
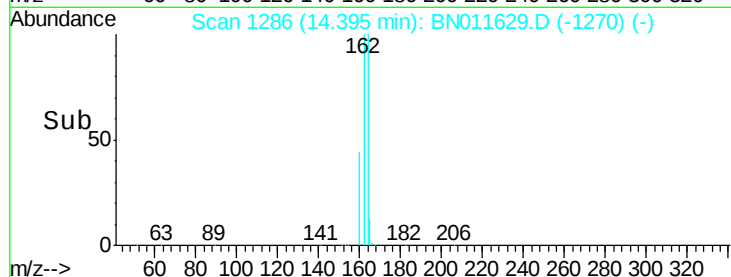
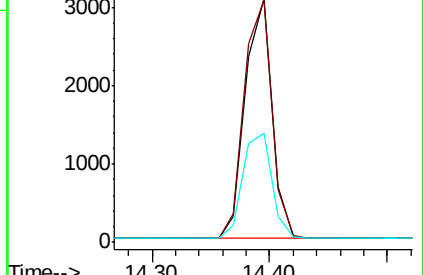
160 44.6 35.6 53.4



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



#14

2,4,6-Tribromophenol

Concen: 0.103 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011629.D

Acq: 25 Aug 2020 23:50

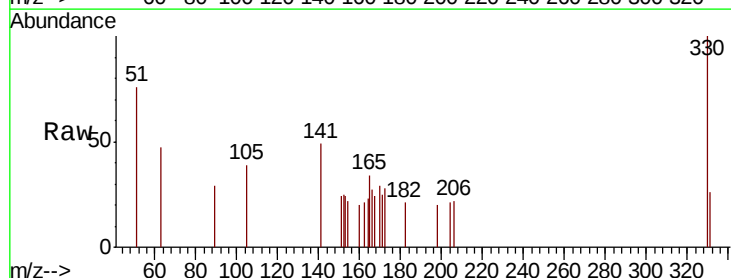
Tgt Ion:330 Resp: 274

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

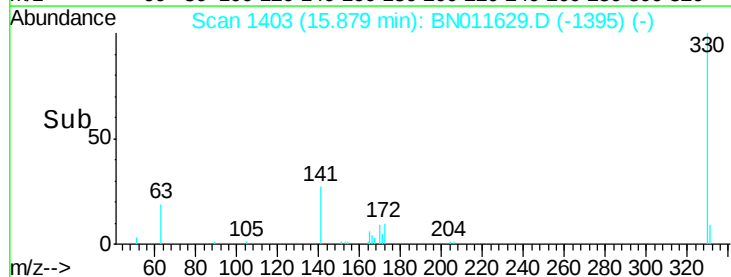
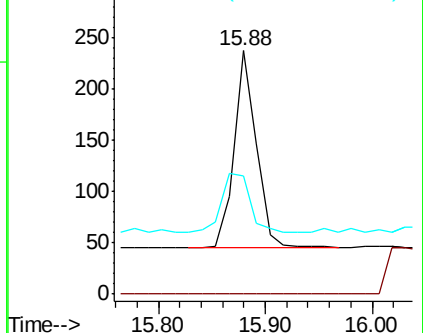
141 39.1 29.4 44.2

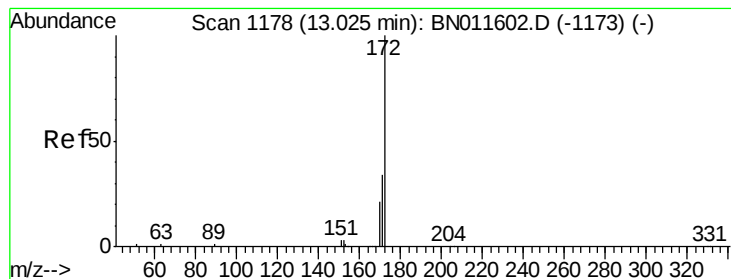


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.300 ng

RT: 13.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BN011629.D

Acq: 25 Aug 2020 23:50

Instrument :

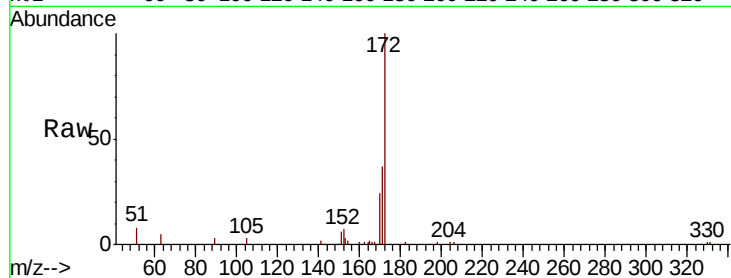
BNA_N

ClientSampleId :

PB131047BL

Tot Ion:172 Resp: 5651

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	24.0	18.2	27.2

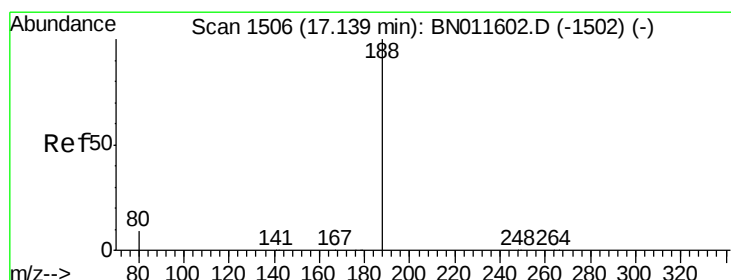
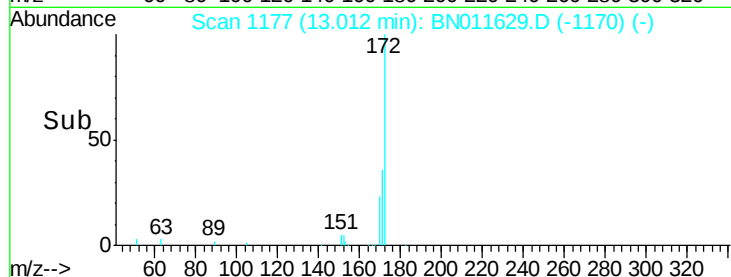
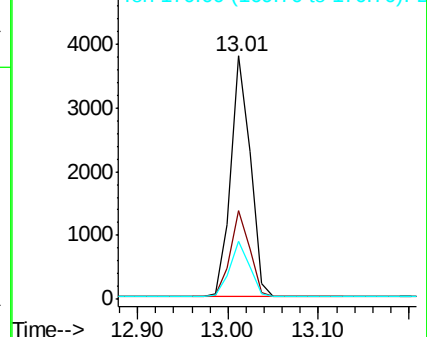


Abundance

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

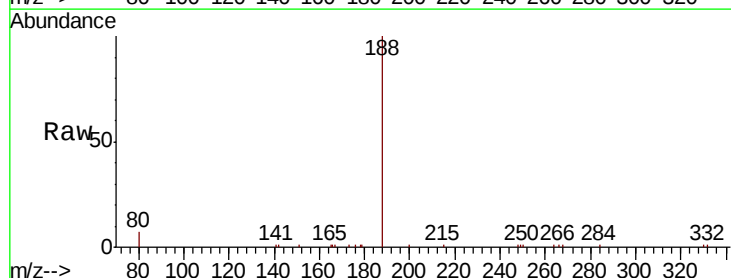
Delta R.T. -0.00 min

Lab File: BN011629.D

Acq: 25 Aug 2020 23:50

Tgt Ion:188 Resp: 10722

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	9.2	13.8

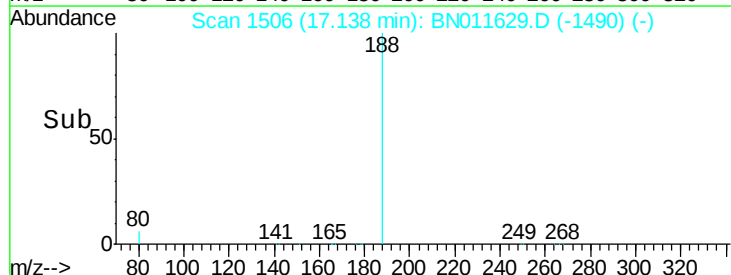
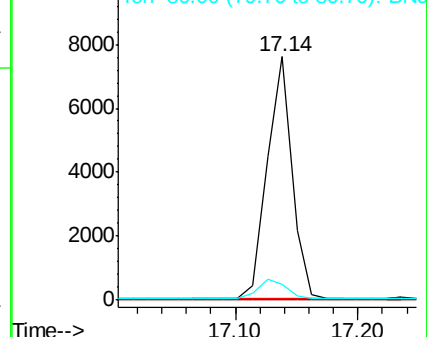


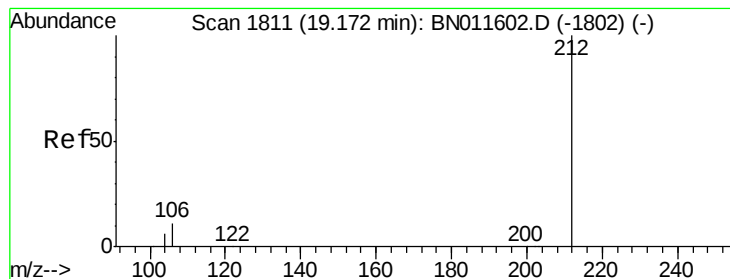
Abundance

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: 0.250 ng

RT: 19.17 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BN011629.D

Acq: 25 Aug 2020 23:50

Instrument :

BNA_N

ClientSampleId :

PB131047BL

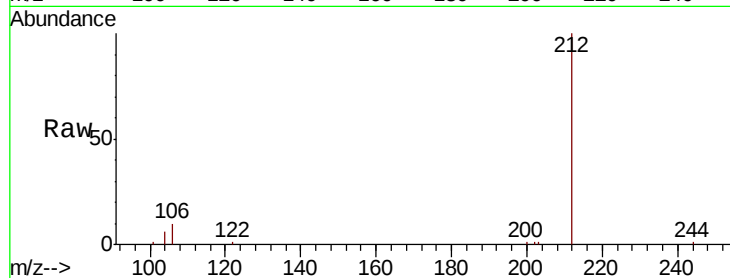
Tot Ion:212 Resp: 8749

Ion Ratio Lower Upper

212 100

106 9.7 8.9 13.3

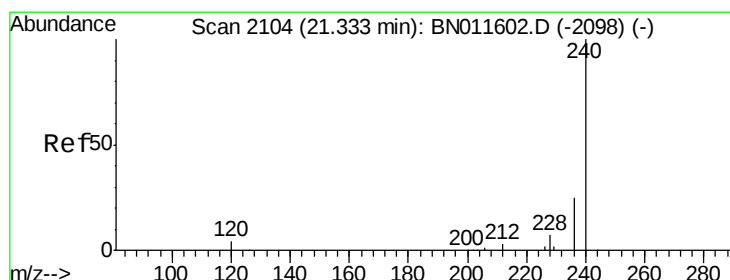
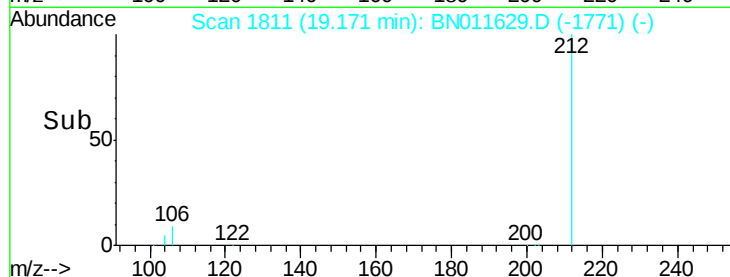
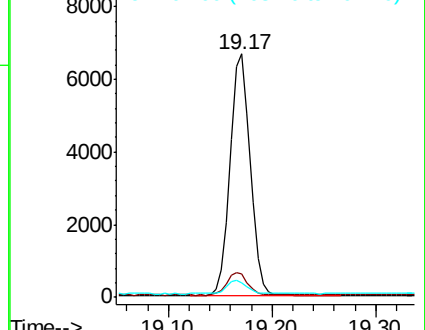
104 5.7 5.3 7.9



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: 21.32 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BN011629.D

Acq: 25 Aug 2020 23:50

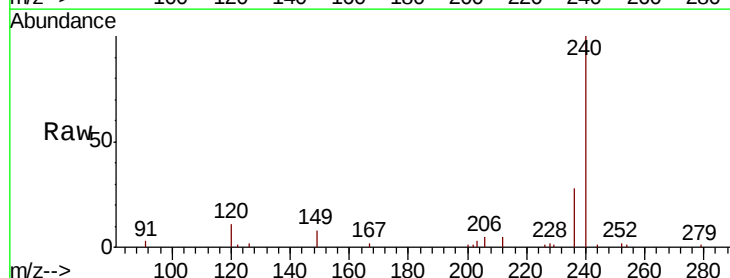
Tgt Ion:240 Resp: 10197

Ion Ratio Lower Upper

240 100

120 11.2 6.0 9.0#

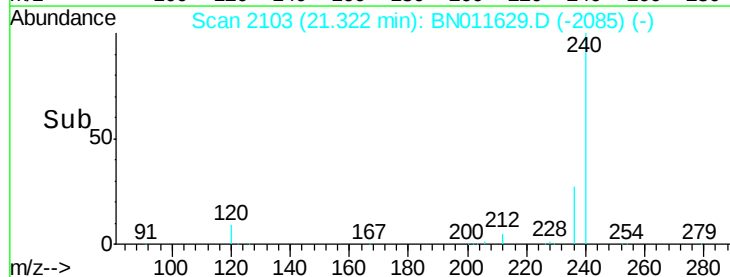
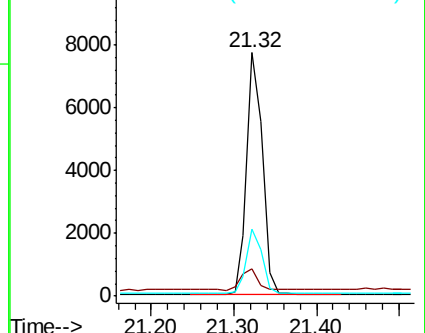
236 27.6 20.8 31.2

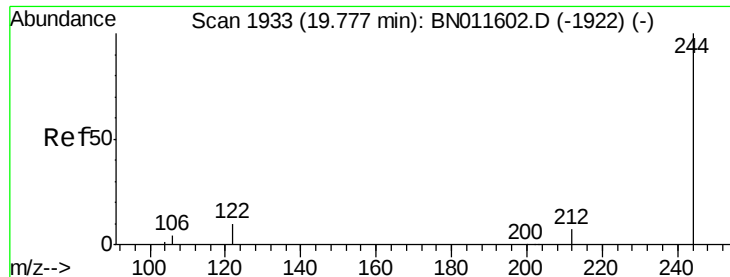


Abundance Ion 240.00 (239.70 to 240.70): E

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: 19.77 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BN011629.D

Acq: 25 Aug 2020 23:50

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PB131047BL

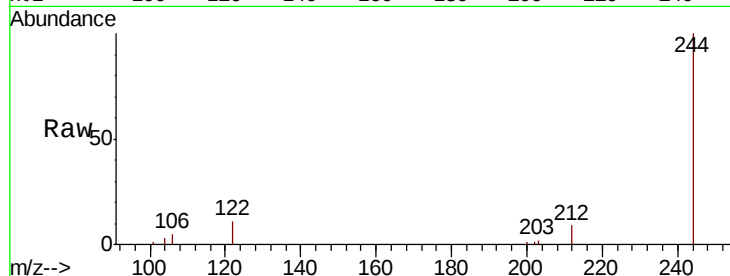
Tot Ion:244 Resp: 7849

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

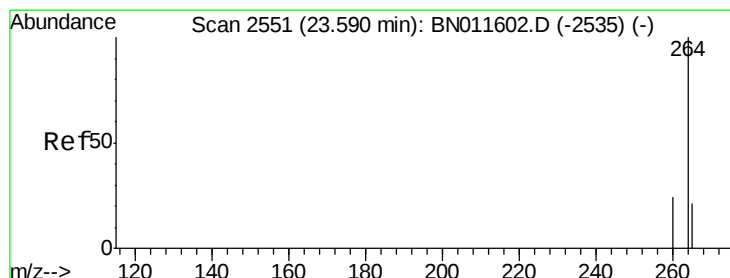
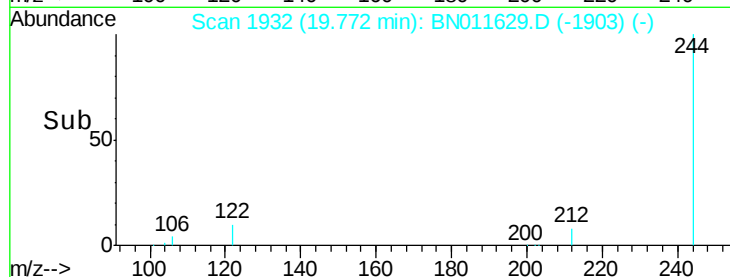
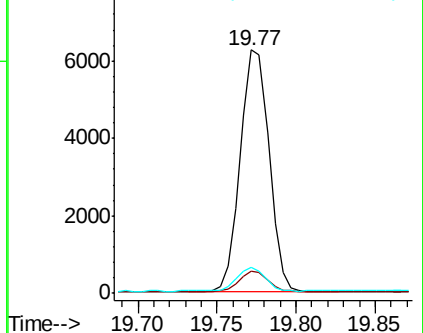
122 10.6 9.5 14.3



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: 23.59 min Scan# 2550

Delta R.T. -0.00 min

Lab File: BN011629.D

Acq: 25 Aug 2020 23:50

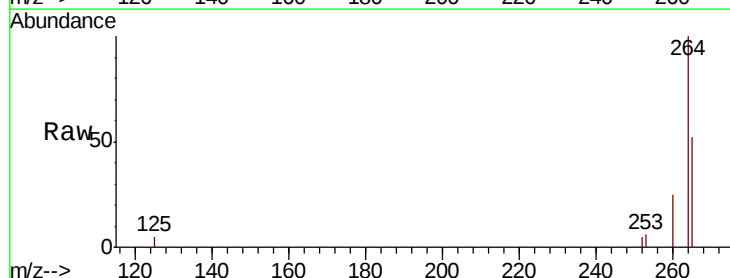
Tgt Ion:264 Resp: 11995

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

265 51.6 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

