

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121719\
 Data File : BN009009.D
 Acq On : 17 Dec 2019 10:41
 Operator : JU
 Sample : PB125417BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB125417BL

Quant Time: Dec 17 16:08:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 17:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	3014	0.40	ng	-0.02
7) Naphthalene-d8	10.30	136	11182	0.40	ng	-0.01
13) Acenaphthene-d10	14.18	164	7791	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	20939	0.40	ng	-0.01
27) Chrysene-d12	21.13	240	19750	0.40	ng	0.00
34) Perylene-d12	23.27	264	18348	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	2372	0.31	ng	-0.02
5) Phenol-d6	6.74	99	3565	0.34	ng	-0.02
8) Nitrobenzene-d5	8.68	82	3244	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	11.90	152	7295	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.68	330	1490	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	10239	0.35	ng	-0.02
25) Fluoranthene-d10	18.96	212	24664	0.39	ng	0.00
29) Terphenyl-d14	19.57	244	18453	0.41	ng	0.00

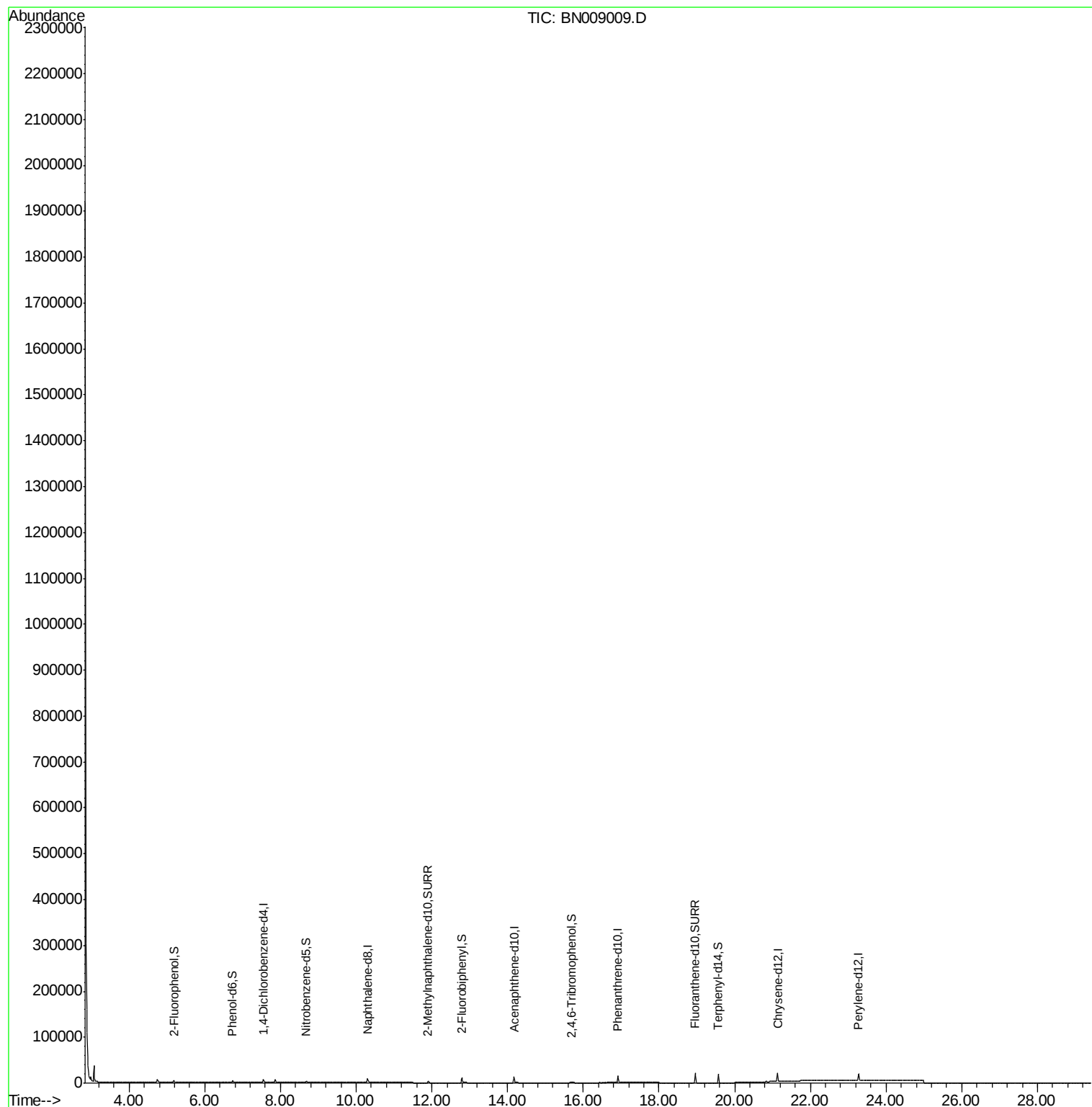
Target Compounds	Qvalue
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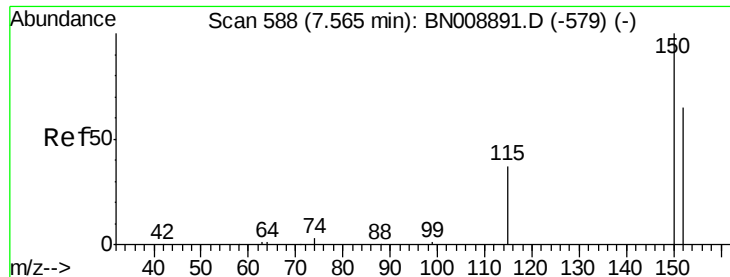
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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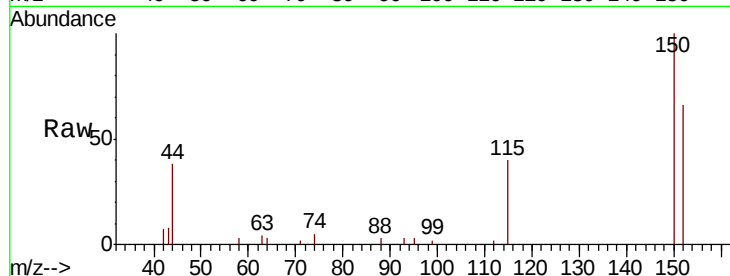


#1

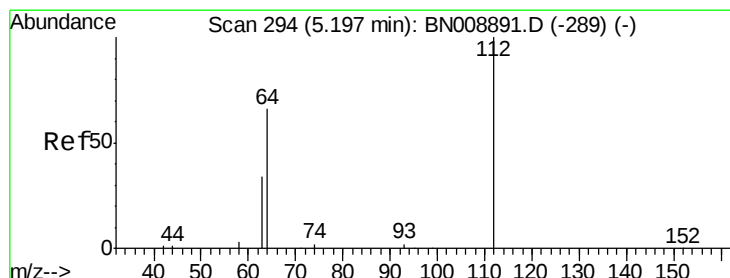
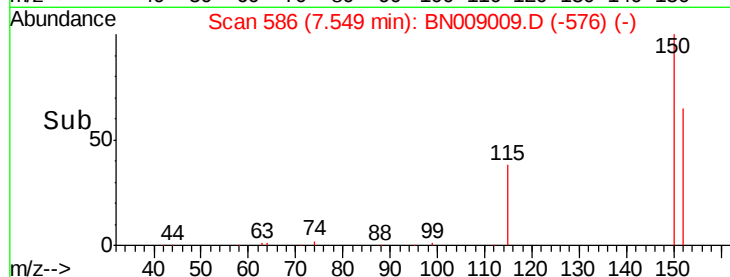
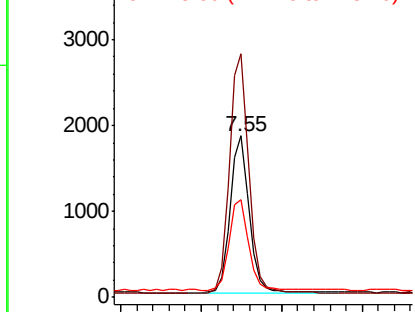
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. -0.02 min
Lab File: BN009009.D
Acq: 17 Dec 2019 10:41

Instrument :
BNA_N
ClientSampleId :
PB125417BL

Tot Ion:152 Resp: 3014
Ion Ratio Lower Upper
152 100
150 151.1 122.3 183.5
115 60.7 48.4 72.6



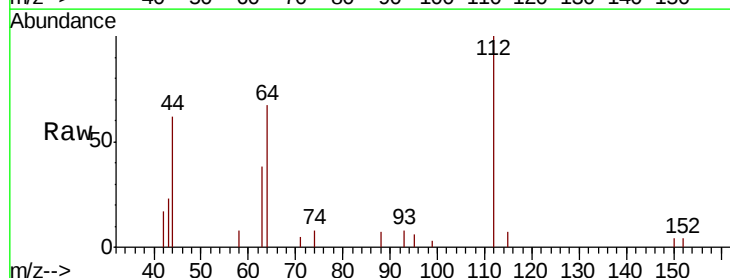
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



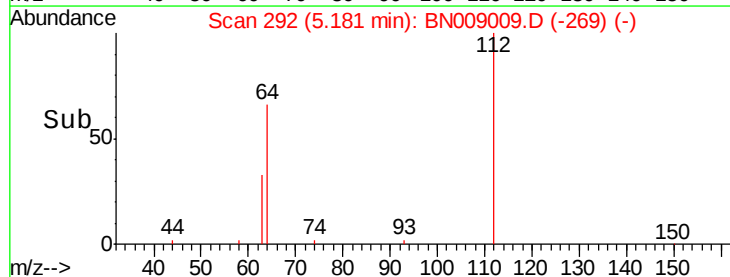
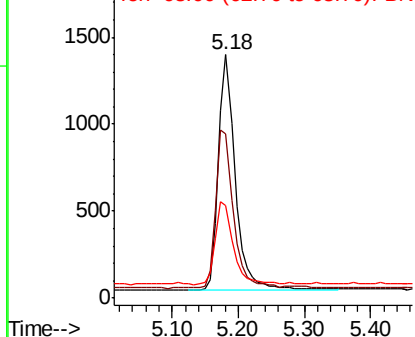
#4

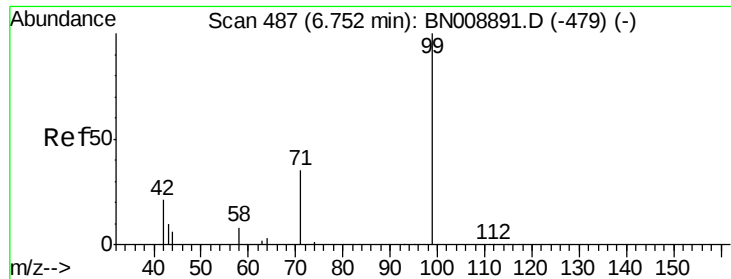
2-Fluorophenol
Concen: 0.310 ng
RT: 5.18 min Scan# 292
Delta R.T. -0.02 min
Lab File: BN009009.D
Acq: 17 Dec 2019 10:41

Tgt Ion:112 Resp: 2372
Ion Ratio Lower Upper
112 100
64 69.7 57.7 86.5
63 37.5 29.6 44.4



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: 0.336 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.02 min

Lab File: BN009009.D

Acq: 17 Dec 2019 10:41

Instrument :

BNA_N

ClientSampleId :

PB125417BL

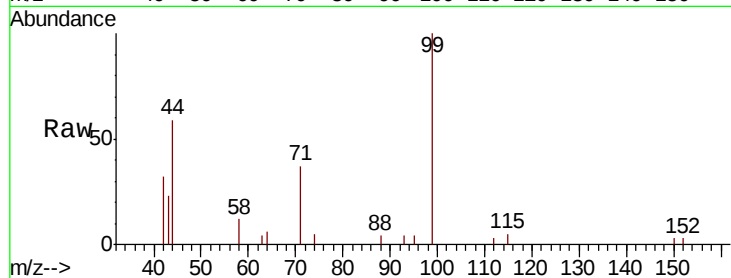
Tot Ion: 99 Resp: 3565

Ion Ratio Lower Upper

99 100

42 23.5 20.1 30.1

71 35.2 28.2 42.2

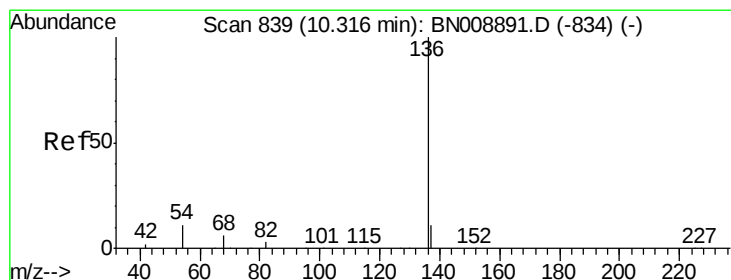
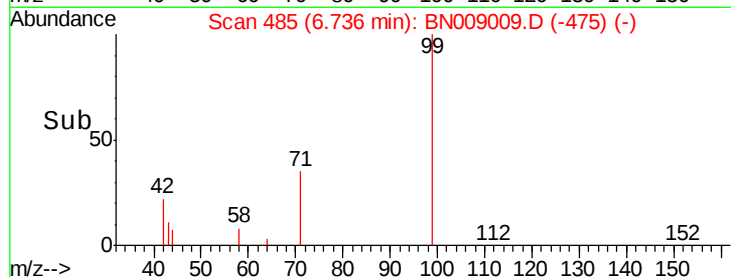
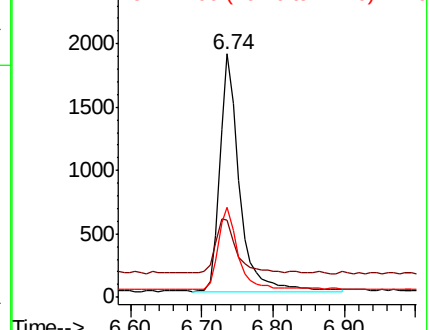


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.01 min

Lab File: BN009009.D

Acq: 17 Dec 2019 10:41

Tgt Ion: 136 Resp: 11182

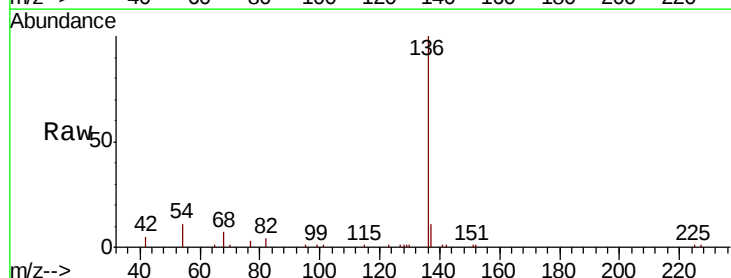
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 11.3 9.6 14.4

68 6.9 5.6 8.4



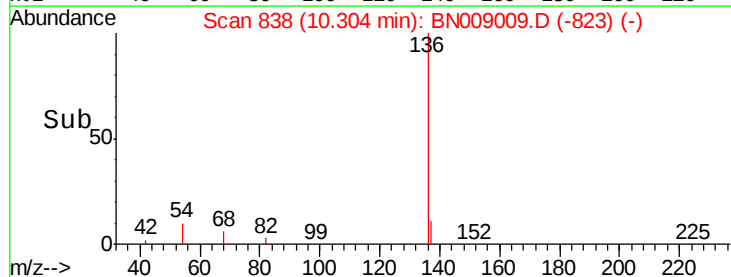
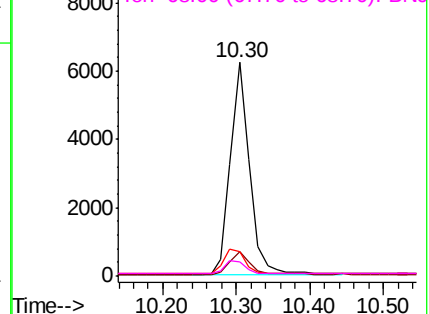
Abundance

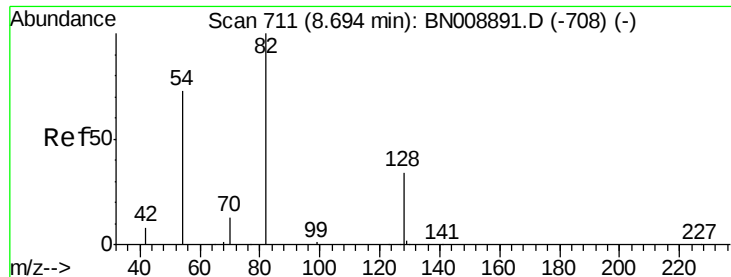
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0





#8

Nitrobenzene-d5

Concen: 0.342 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.01 min

Lab File: BN009009.D

Acq: 17 Dec 2019 10:41

Instrument :

BNA_N

ClientSampleId :

PB125417BL

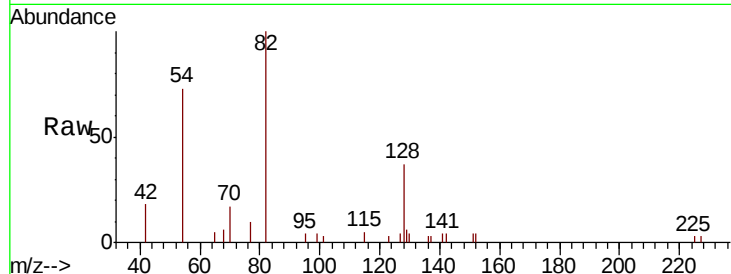
Tot Ion: 82 Resp: 3244

Ion Ratio Lower Upper

82 100

128 36.5 29.1 43.7

54 73.0 59.7 89.5



Abundance Ion 82.00 (81.70 to 82.70): BN008891.D (-708) (-)

Ion 128.00 (127.70 to 128.70): BN008891.D (-708) (-)

Ion 54.00 (53.70 to 54.70): BN008891.D (-708) (-)

8.68

1500

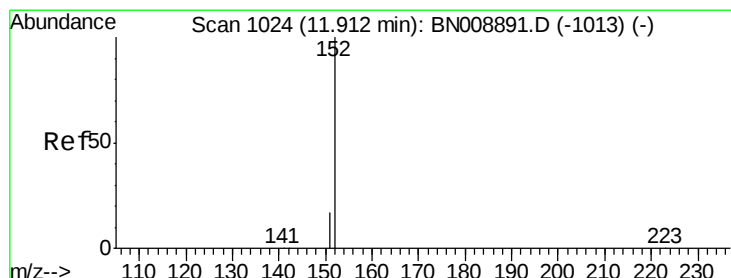
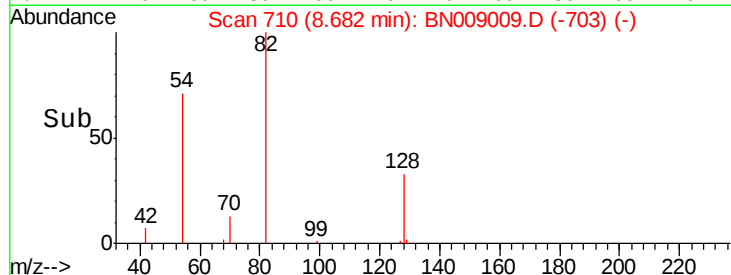
1000

500

0

8.60 8.70 8.80

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.382 ng

RT: 11.90 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BN009009.D

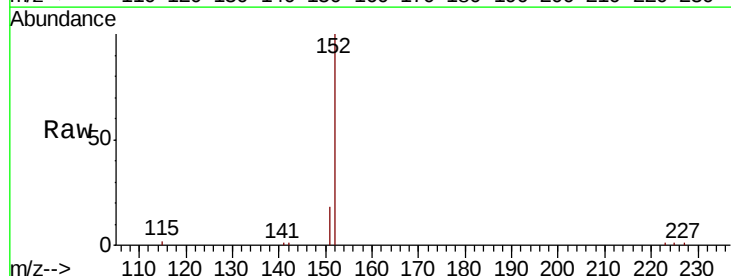
Acq: 17 Dec 2019 10:41

Tgt Ion: 152 Resp: 7295

Ion Ratio Lower Upper

152 100

151 18.7 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): BN008891.D (-1013) (-)

Ion 151.00 (150.70 to 151.70): BN008891.D (-1013) (-)

11.90

4000

3000

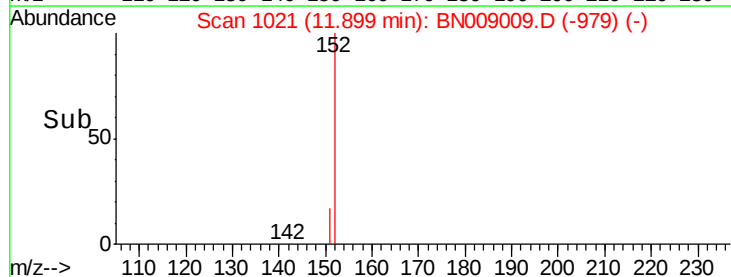
2000

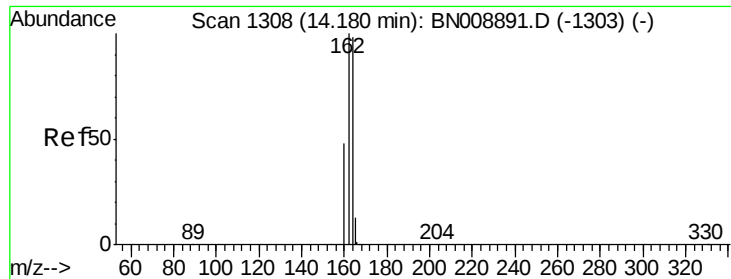
1000

0

11.80 11.90 12.00 12.10

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BN009009.D

Acq: 17 Dec 2019 10:41

Instrument :

BNA_N

ClientSampleId :

PB125417BL

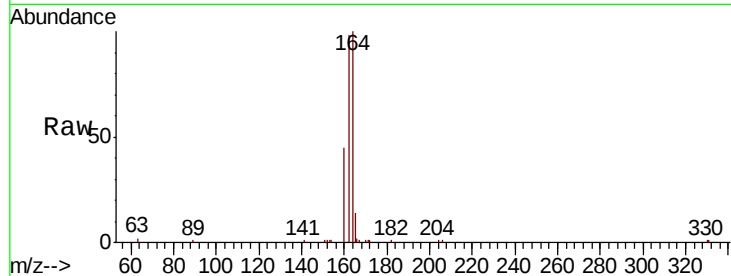
Tot Ion:164 Resp: 7791

Ion Ratio Lower Upper

164 100

162 98.3 81.9 122.9

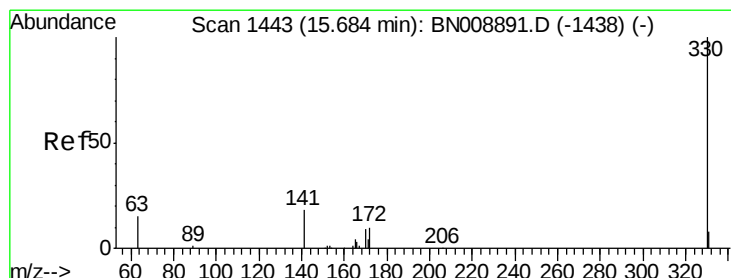
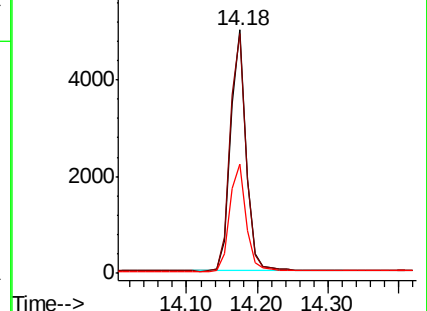
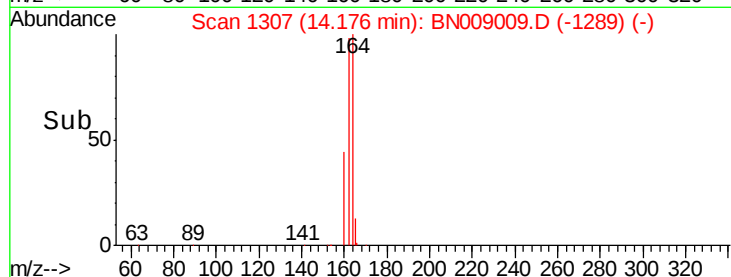
160 44.9 39.3 58.9



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: 0.398 ng

RT: 15.68 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN009009.D

Acq: 17 Dec 2019 10:41

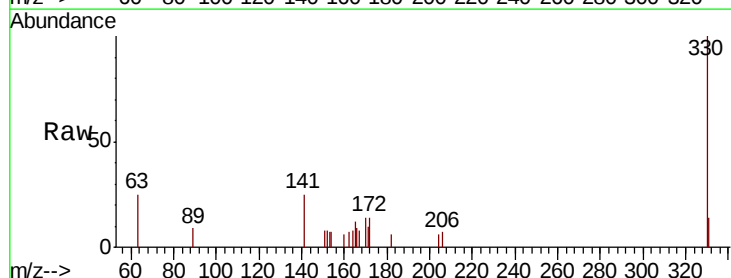
Tgt Ion:330 Resp: 1490

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

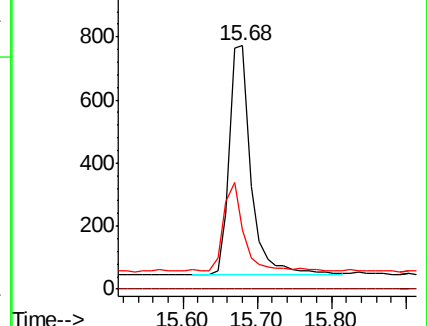
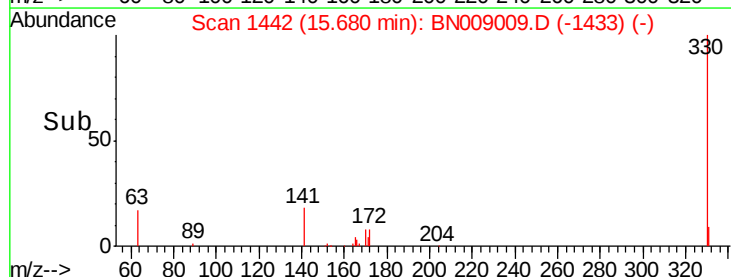
141 35.6 29.6 44.4

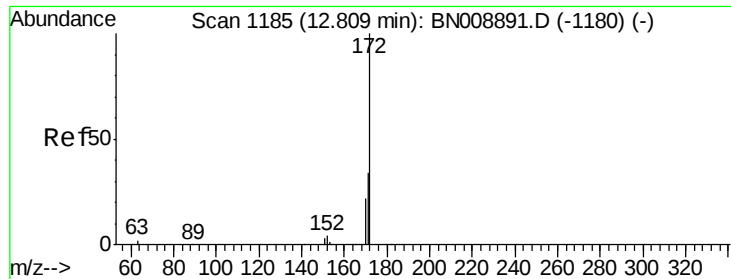


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

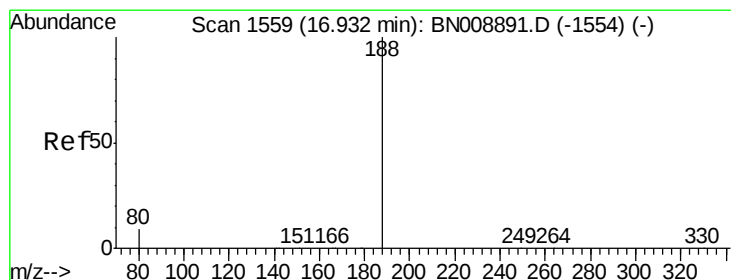
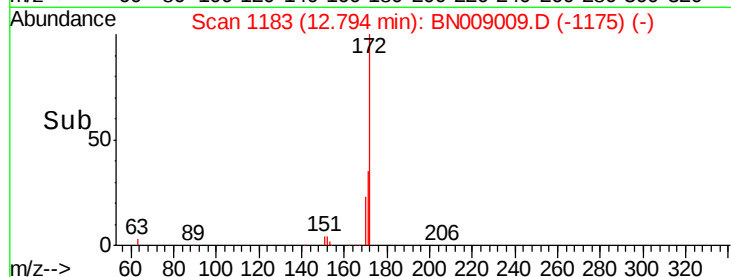
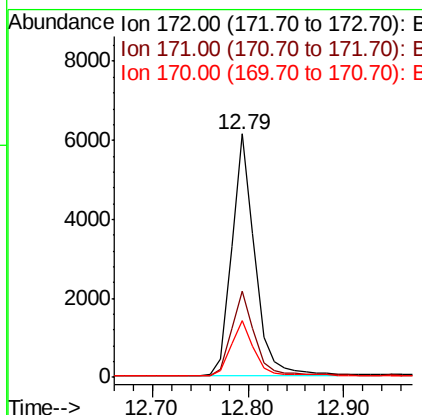
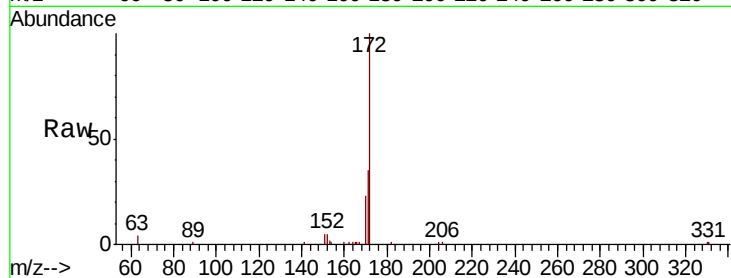




#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BN009009.D
Acq: 17 Dec 2019 10:41

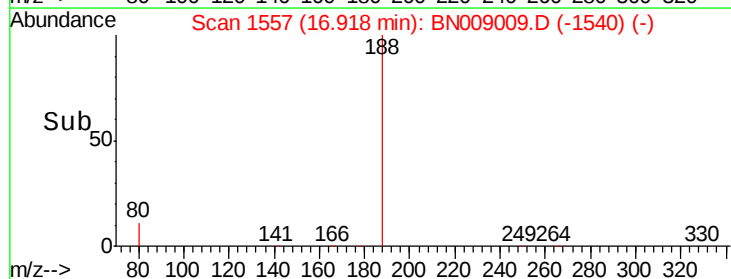
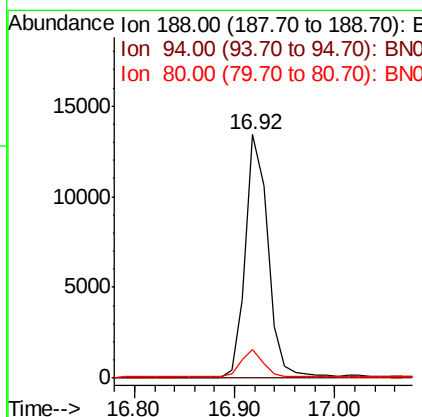
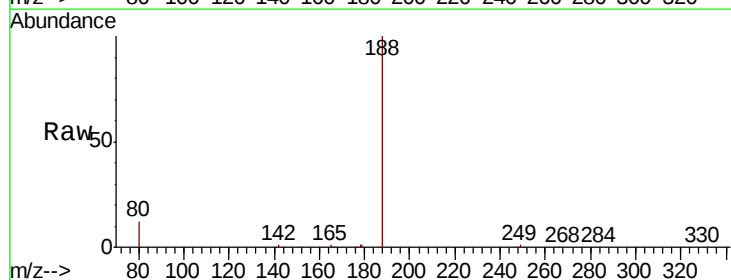
Instrument :
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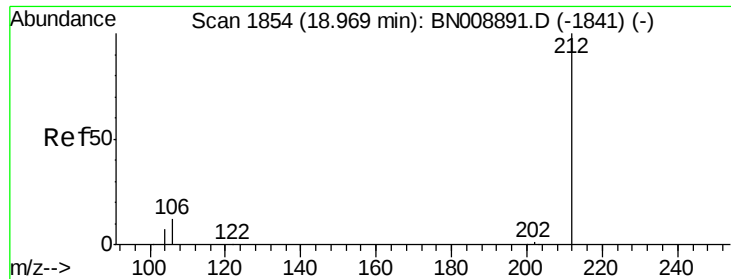
Tot Ion:172 Resp: 10239
Ion Ratio Lower Upper
172 100
171 35.4 27.1 40.7
170 23.3 17.7 26.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BN009009.D
Acq: 17 Dec 2019 10:41

Tgt Ion:188 Resp: 20939
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 7.3 10.9#





#25

Fluoranthene-d10

Concen: 0.389 ng

RT: 18.96 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BN009009.D

Acq: 17 Dec 2019 10:41

Instrument :

BNA_N

ClientSampleId :

PB125417BL

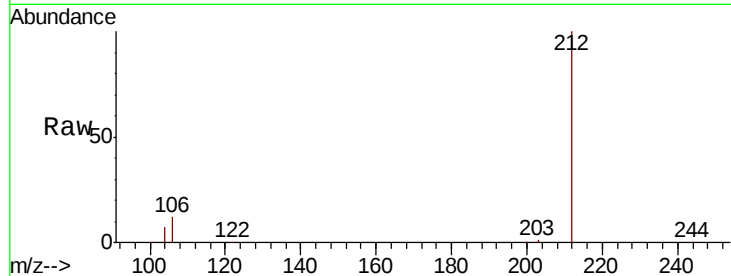
Tot Ion:212 Resp: 24664

Ion Ratio Lower Upper

212 100

106 13.1 10.4 15.6

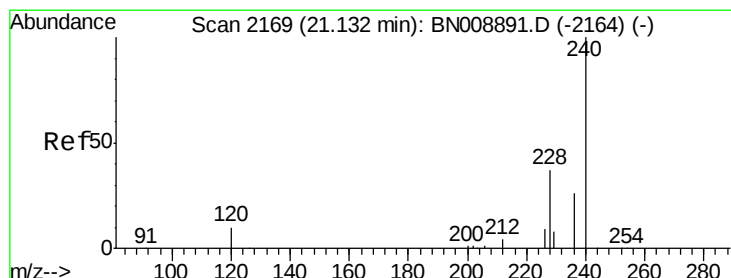
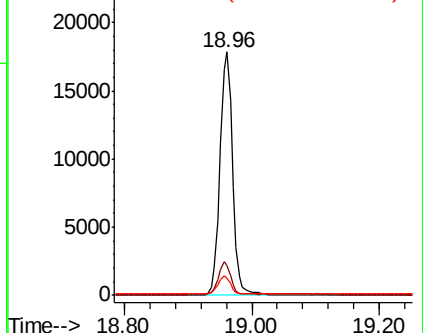
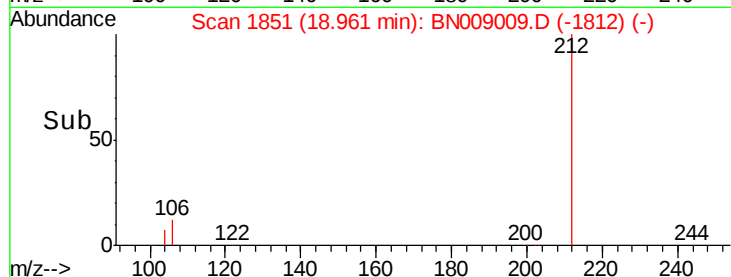
104 7.3 5.9 8.9



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.13 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN009009.D

Acq: 17 Dec 2019 10:41

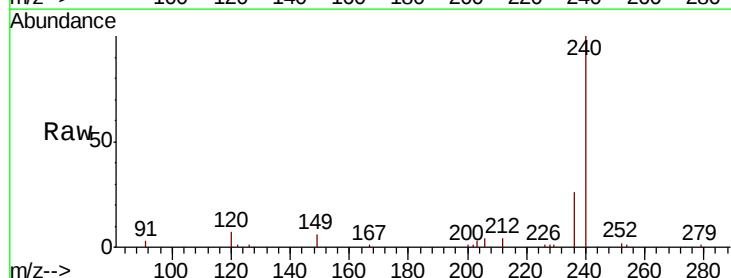
Tgt Ion:240 Resp: 19750

Ion Ratio Lower Upper

240 100

120 6.9 9.1 13.7#

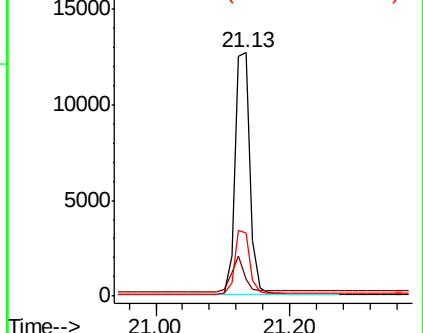
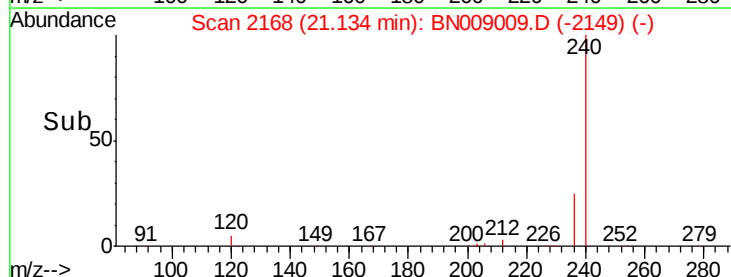
236 26.2 21.5 32.3

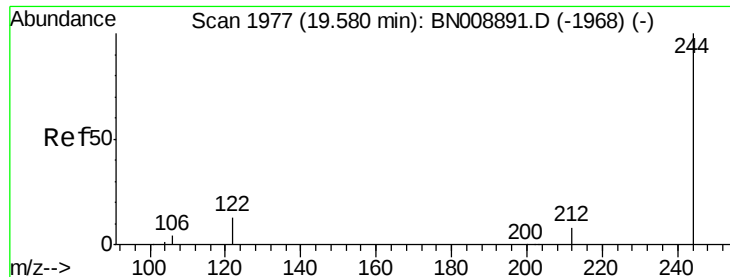


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.409 ng

RT: 19.57 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BN009009.D

Acq: 17 Dec 2019 10:41

Instrument :

BNA_N

ClientSampleId :

PB125417BL

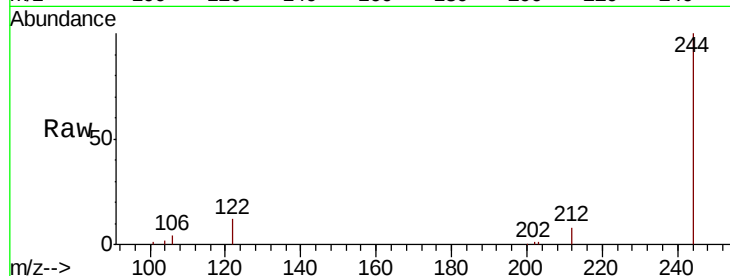
Tot Ion:244 Resp: 18453

Ion Ratio Lower Upper

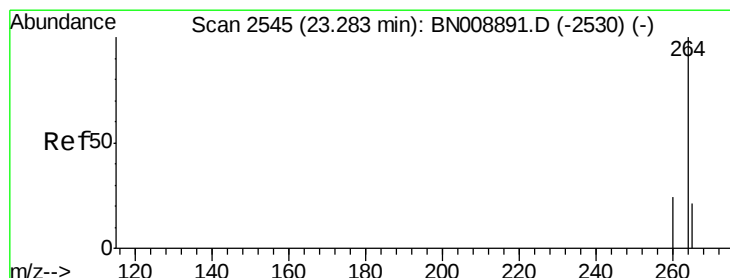
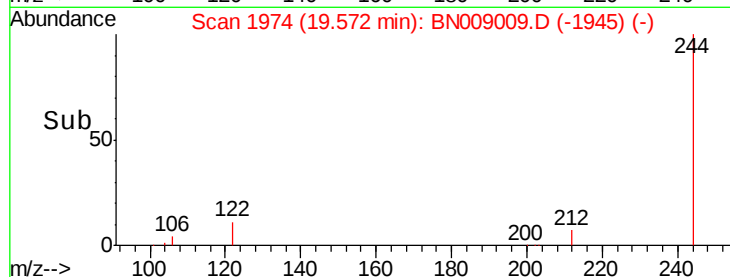
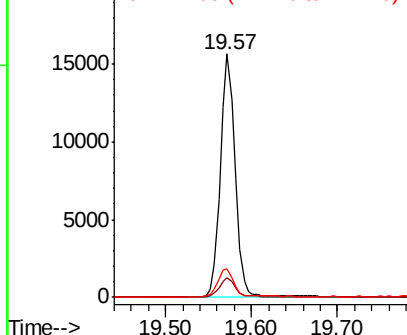
244 100

212 7.9 6.5 9.7

122 11.8 10.4 15.6



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: 23.27 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BN009009.D

Acq: 17 Dec 2019 10:41

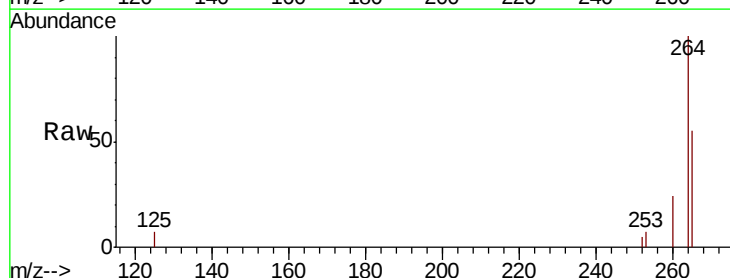
Tgt Ion:264 Resp: 18348

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 55.4 47.5 71.3



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

