

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\
 Data File : BN006737.D
 Acq On : 06 Jul 2019 04:08
 Operator : HP/JU
 Sample : K3638-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MWHR2-10-070119

Quant Time: Jul 06 05:39:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2560	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	9826	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	6140	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	14158	0.40	ng	-0.01
27) Chrysene-d12	21.23	240	13855	0.40	ng	-0.03
34) Perylene-d12	23.45	264	15960	0.40	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	1023	0.15	ng	0.00
5) Phenol-d6	6.86	99	752	0.09	ng	0.03
8) Nitrobenzene-d5	8.82	82	2059	0.27	ng	0.03
11) 2-Methylnaphthalene-d10	11.98	152	5542	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.76	330	1128	0.37	ng	-0.03
15) 2-Fluorobiphenyl	12.86	172	8810	0.37	ng	-0.02
25) Fluoranthene-d10	19.06	212	16981	0.42	ng	-0.02
29) Terphenyl-d14	19.65	244	13825	0.43	ng	-0.02

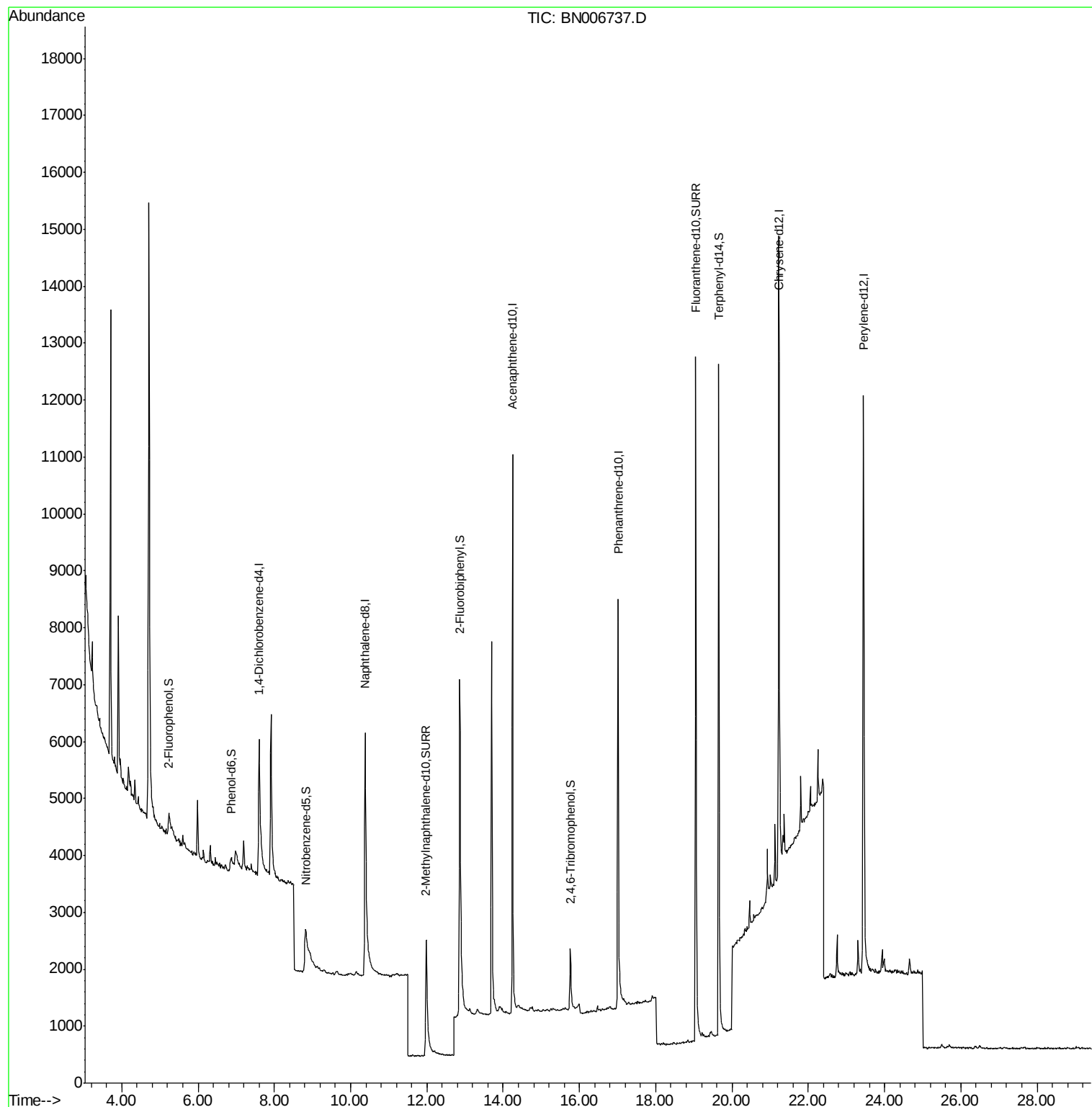
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.60 min Scan# 568

Delta R.T. -0.02 min

Lab File: BN006737.D

Acq: 06 Jul 2019 04:08

Instrument :

BNA_N

ClientSampleId :

MWHR2-10-070119

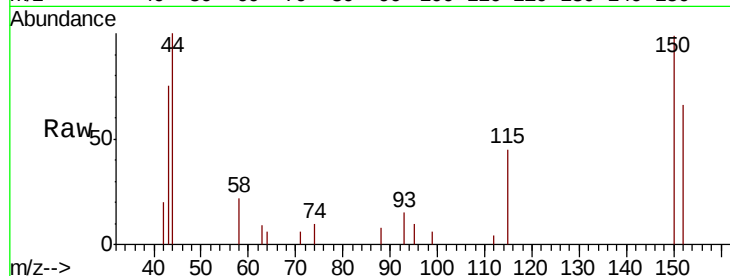
Tot Ion:152 Resp: 2560

Ion Ratio Lower Upper

152 100

150 149.2 120.6 181.0

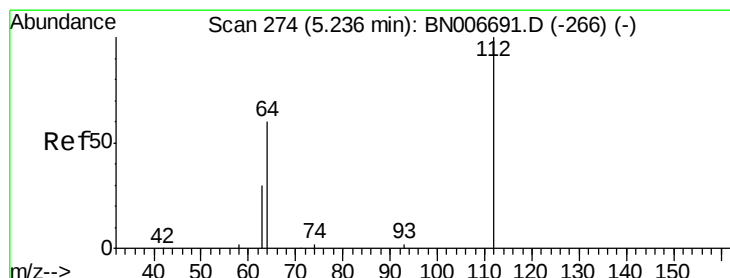
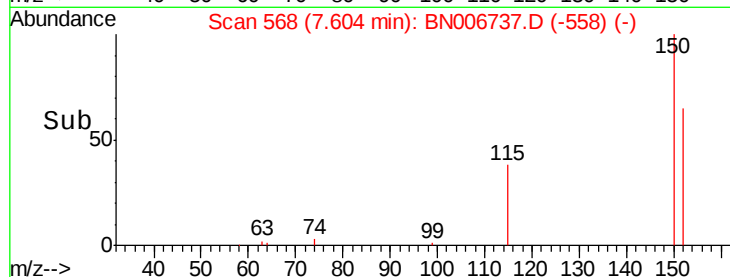
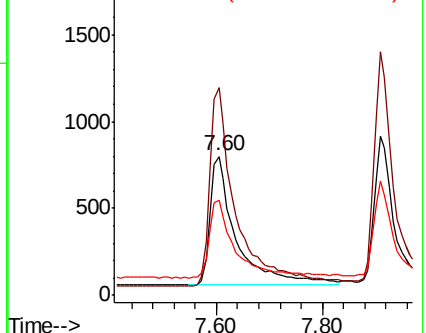
115 68.1 51.0 76.6



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: 0.147 ng

RT: 5.24 min Scan# 275

Delta R.T. 0.01 min

Lab File: BN006737.D

Acq: 06 Jul 2019 04:08

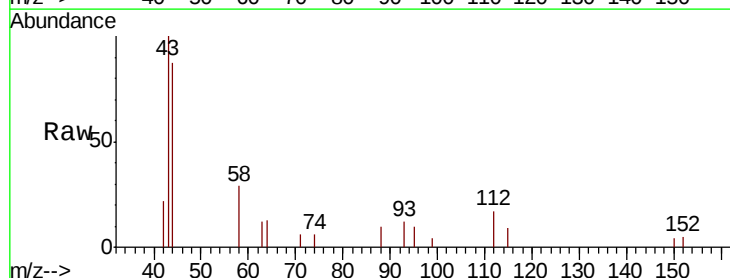
Tgt Ion:112 Resp: 1023

Ion Ratio Lower Upper

112 100

64 65.5 49.8 74.6

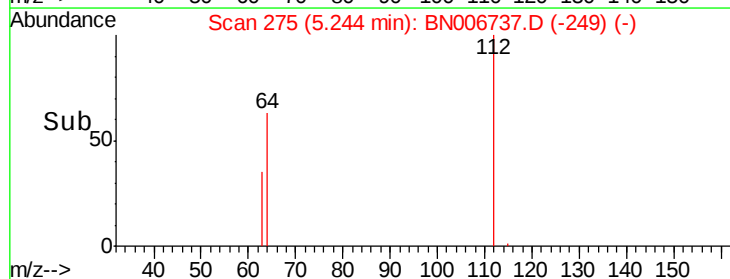
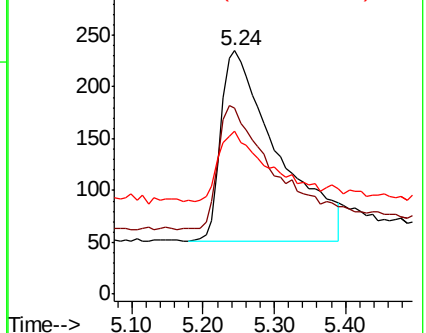
63 32.6 25.8 38.6

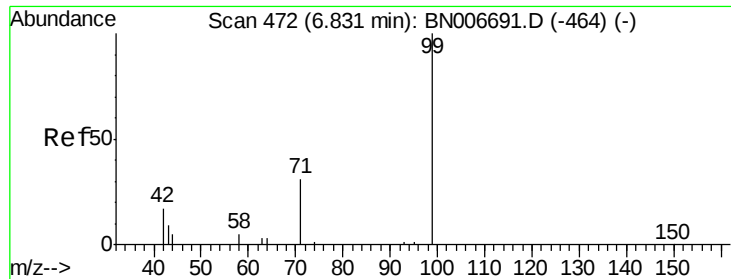


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.085 ng

RT: 6.86 min Scan# 476

Delta R.T. 0.03 min

Lab File: BN006737.D

Acq: 06 Jul 2019 04:08

Instrument :

BNA_N

ClientSampleId :

MWHR2-10-070119

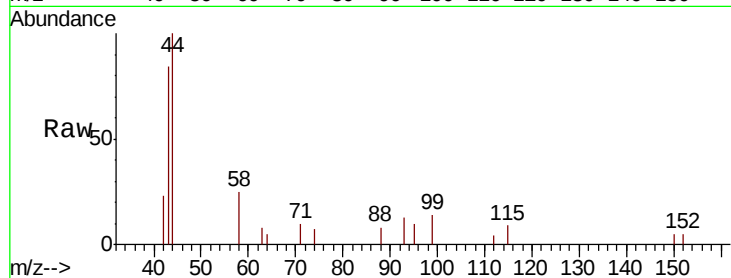
Tot Ion: 99 Resp: 752

Ion Ratio Lower Upper

99 100

42 8.2 16.6 25.0#

71 29.7 26.0 39.0

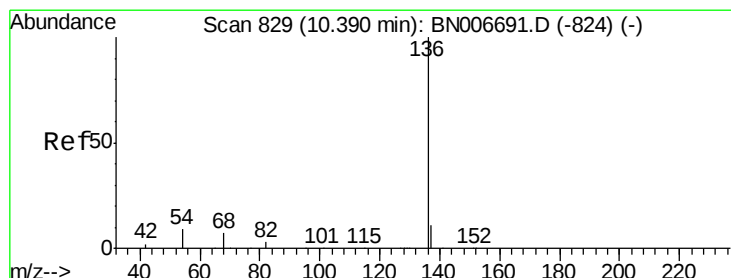
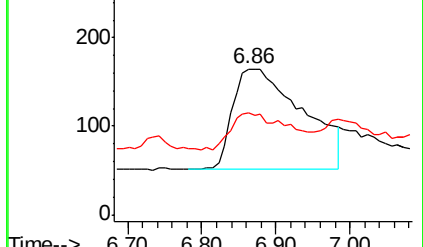
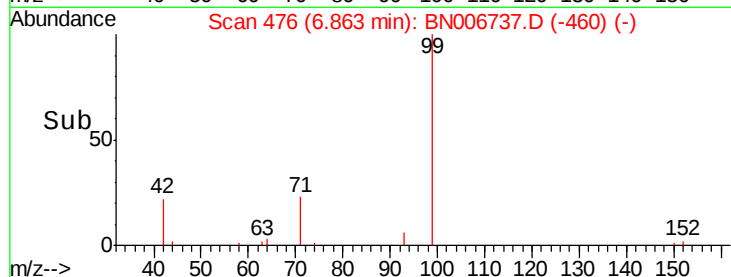


Abundance Ion 99.00 (98.70 to 99.70): BN006691.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006691.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006691.D (-464) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 828

Delta R.T. -0.01 min

Lab File: BN006737.D

Acq: 06 Jul 2019 04:08

Tgt Ion: 136 Resp: 9826

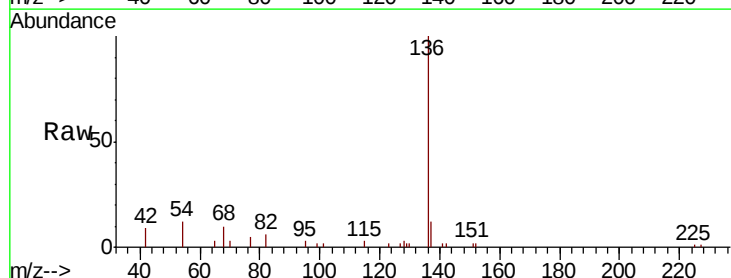
Ion Ratio Lower Upper

136 100

137 12.4 9.3 13.9

54 12.4 8.4 12.6

68 9.8 6.8 10.2



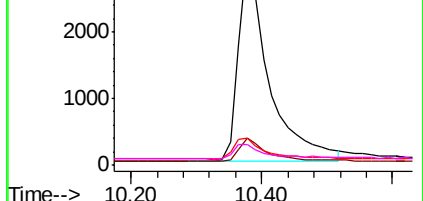
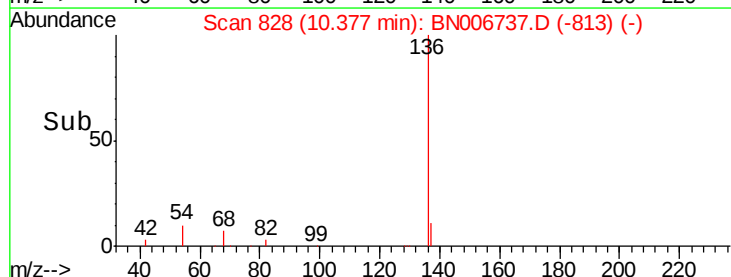
Abundance Ion 136.00 (135.70 to 136.70): BN006691.D (-824) (-)

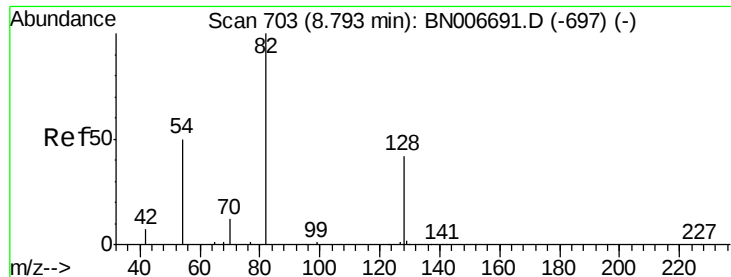
Ion 137.00 (136.70 to 137.70): BN006691.D (-824) (-)

Ion 54.00 (53.70 to 54.70): BN006691.D (-824) (-)

Ion 68.00 (67.70 to 68.70): BN006691.D (-824) (-)

Time-->

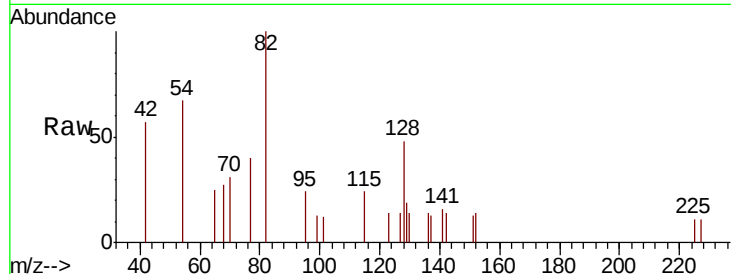




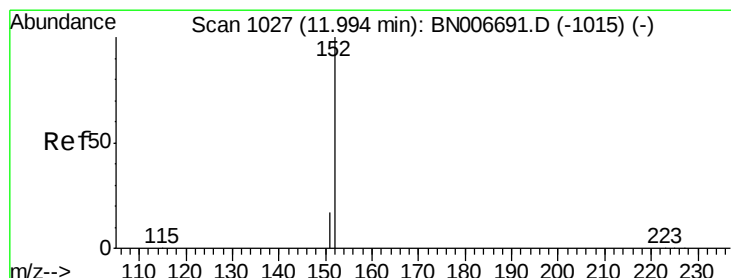
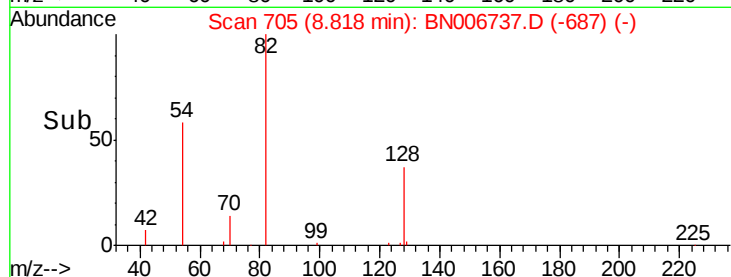
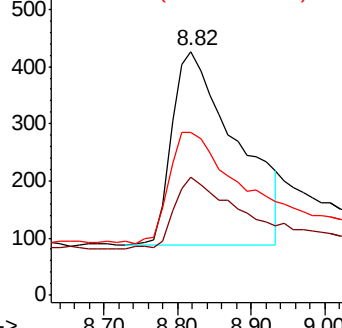
#8
 Nitrobenzene-d5
 Concen: 0.273 ng
 RT: 8.82 min Scan# 705
 Delta R.T. 0.03 min
 Lab File: BN006737.D
 Acq: 06 Jul 2019 04:08

Instrument :
 BNA_N
 ClientSampleId :
 MWHR2-10-070119

Tot Ion: 82 Resp: 2059
 Ion Ratio Lower Upper
 82 100
 128 48.4 36.1 54.1
 54 66.9 44.5 66.7#

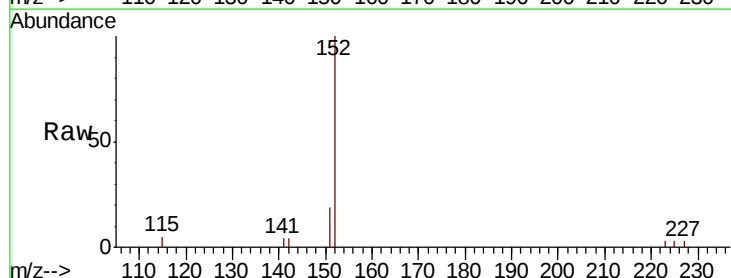


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

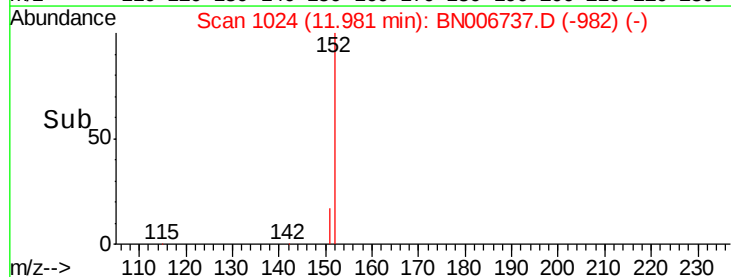
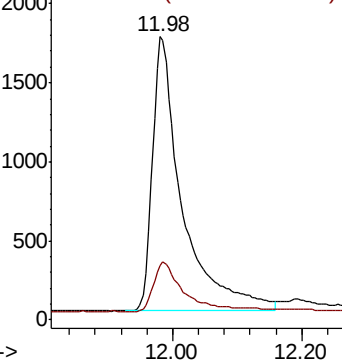


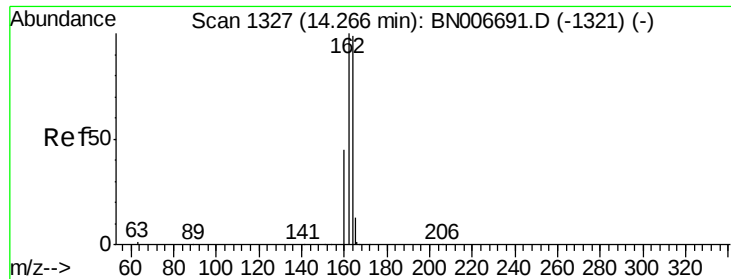
#11
 2-Methylnaphthalene-d10
 Concen: 0.375 ng
 RT: 11.98 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BN006737.D
 Acq: 06 Jul 2019 04:08

Tgt Ion: 152 Resp: 5542
 Ion Ratio Lower Upper
 152 100
 151 18.6 14.9 22.3



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: 14.24 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN006737.D

Acq: 06 Jul 2019 04:08

Instrument :

BNA_N

ClientSampleId :

MWHR2-10-070119

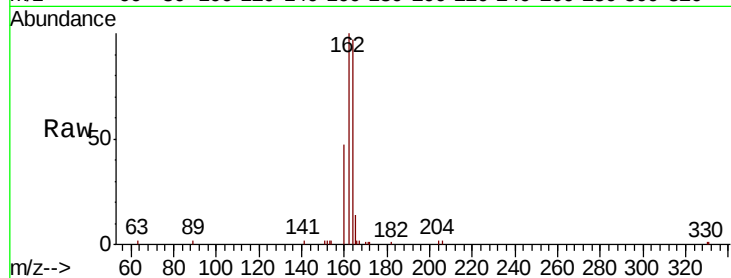
Tot Ion:164 Resp: 6140

Ion Ratio Lower Upper

164 100

162 102.6 80.8 121.2

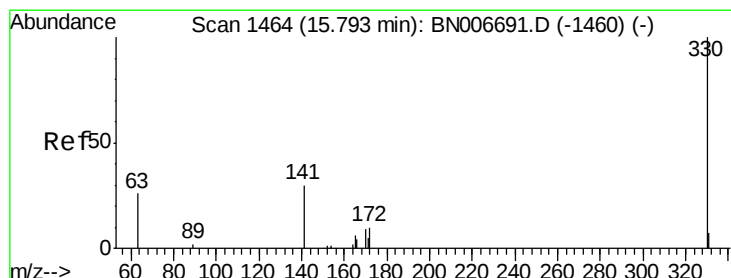
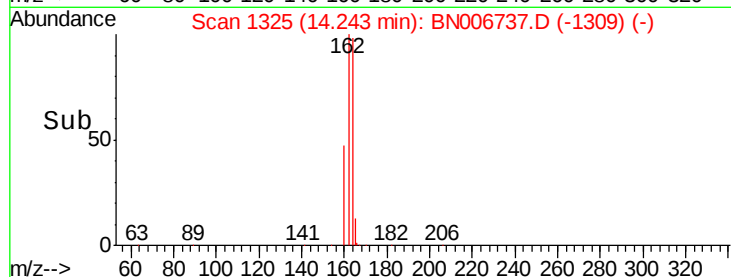
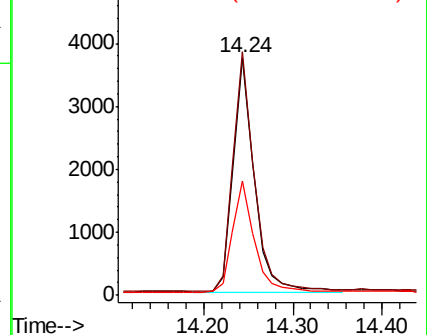
160 48.3 37.0 55.6



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: 0.374 ng

RT: 15.76 min Scan# 1461

Delta R.T. -0.03 min

Lab File: BN006737.D

Acq: 06 Jul 2019 04:08

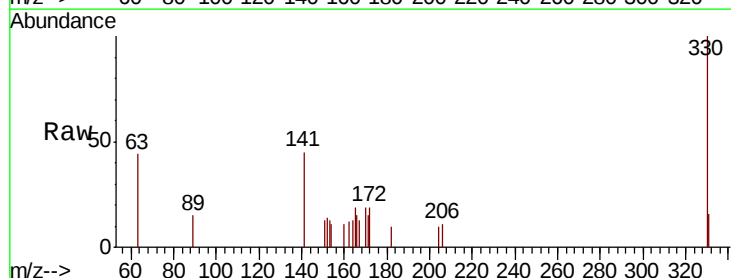
Tgt Ion:330 Resp: 1128

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

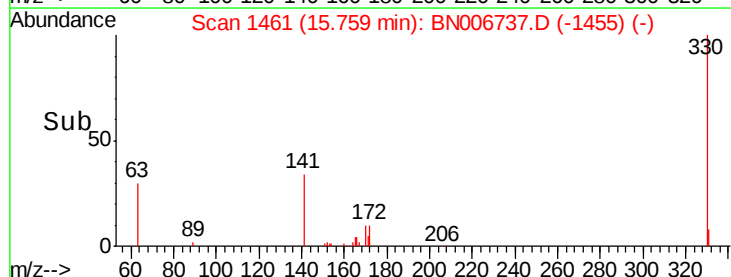
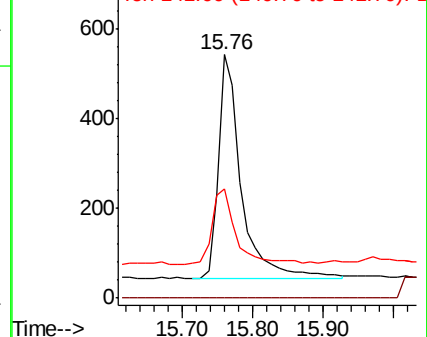
141 36.8 24.8 37.2

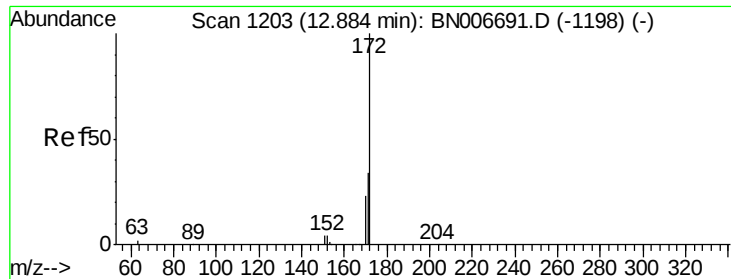


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.367 ng

RT: 12.86 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BN006737.D

Acq: 06 Jul 2019 04:08

Instrument :

BNA_N

ClientSampleId :

MWHR2-10-070119

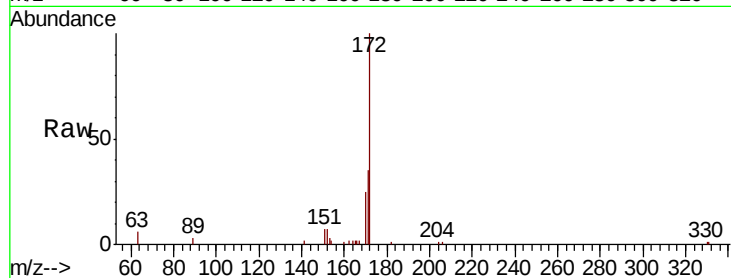
Tot Ion:172 Resp: 8810

Ion Ratio Lower Upper

172 100

171 35.5 27.8 41.6

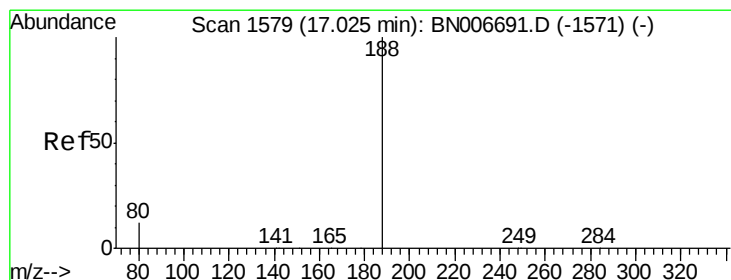
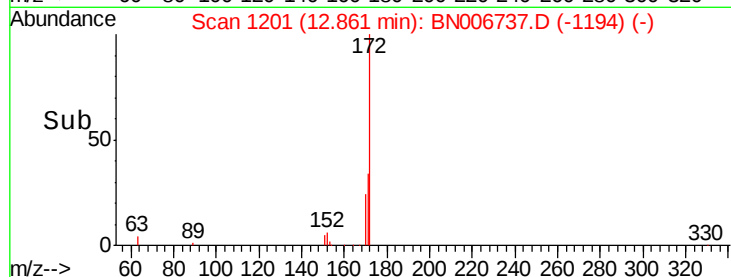
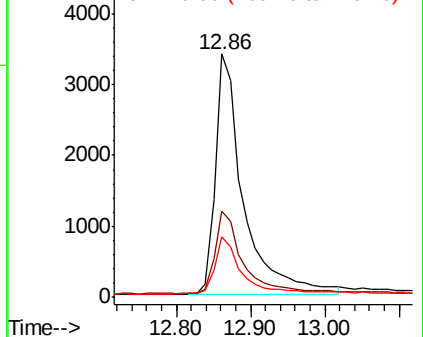
170 24.7 18.9 28.3



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: 17.01 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BN006737.D

Acq: 06 Jul 2019 04:08

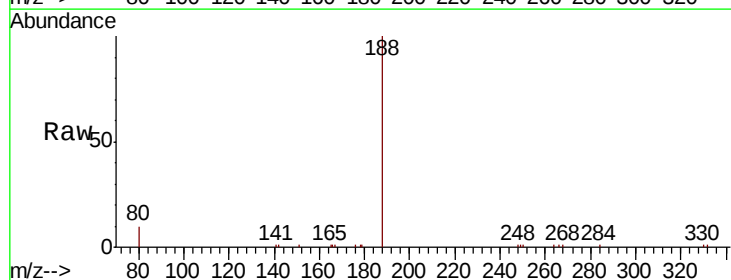
Tgt Ion:188 Resp: 14158

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

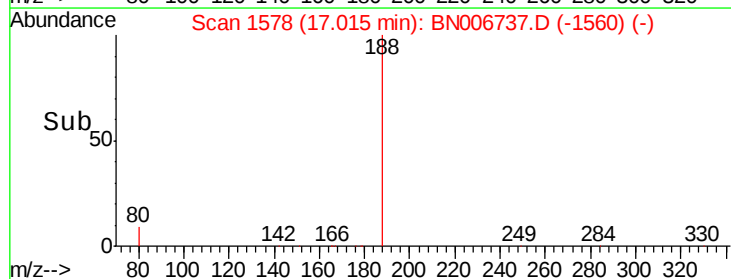
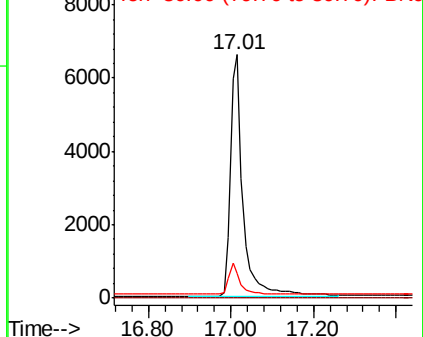
80 10.2 10.3 15.5#

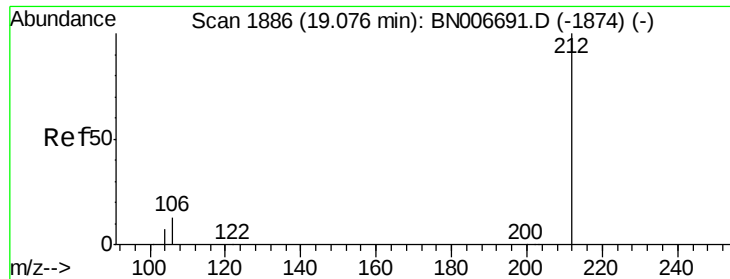


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.419 ng

RT: 19.06 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BN006737.D

Acq: 06 Jul 2019 04:08

Instrument :

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MWHR2-10-070119

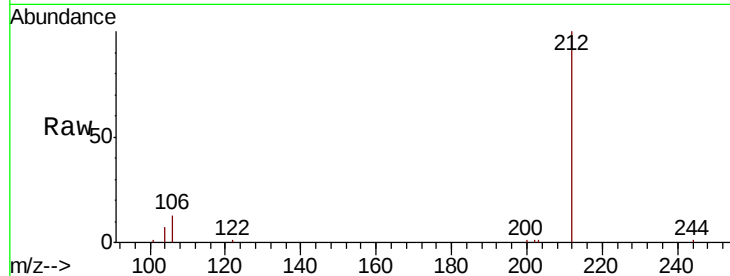
Tot Ion:212 Resp: 16981

Ion Ratio Lower Upper

212 100

106 13.3 11.0 16.6

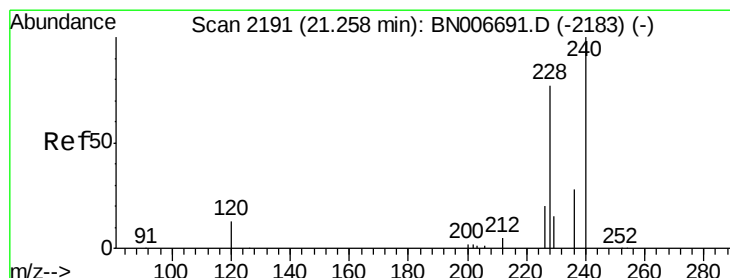
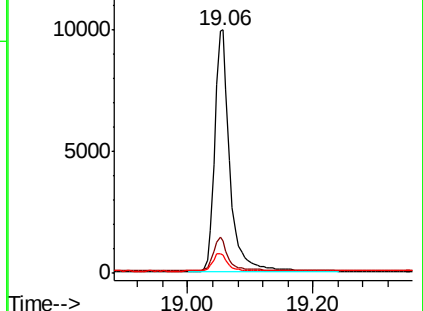
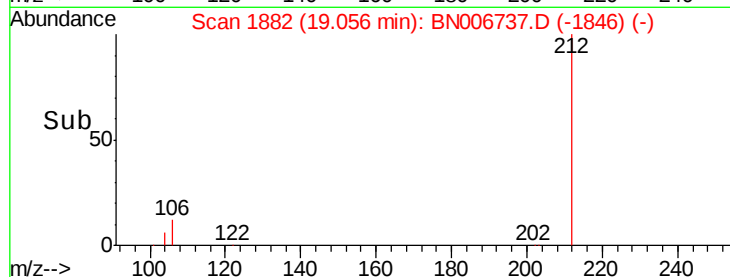
104 7.0 6.1 9.1



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: 21.23 min Scan# 2188

Delta R.T. -0.03 min

Lab File: BN006737.D

Acq: 06 Jul 2019 04:08

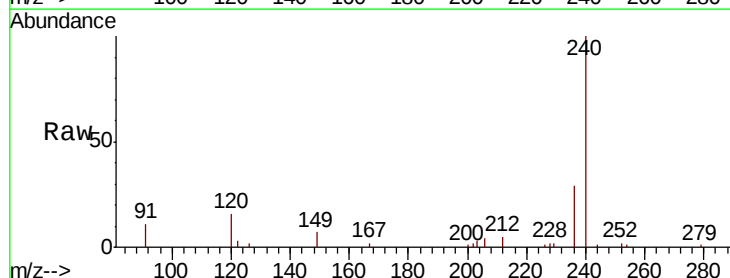
Tgt Ion:240 Resp: 13855

Ion Ratio Lower Upper

240 100

120 16.3 12.9 19.3

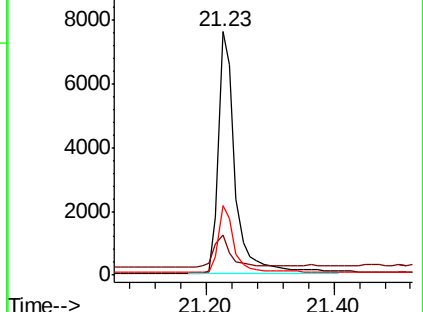
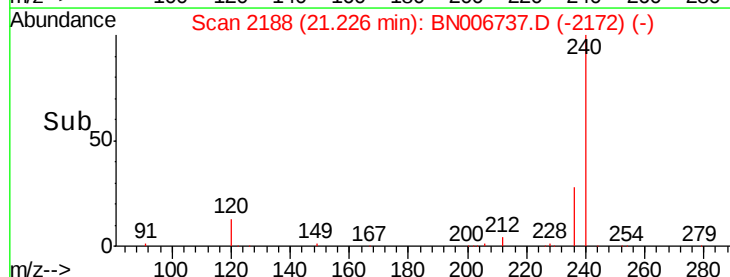
236 28.7 23.2 34.8

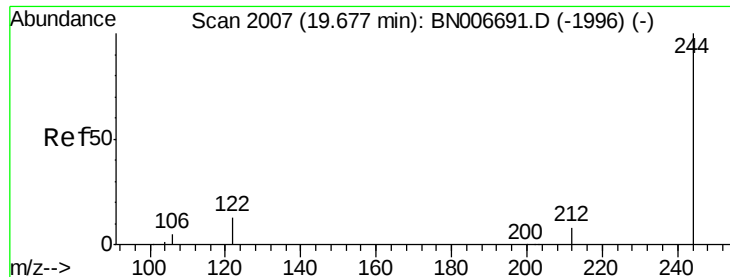


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.433 ng

RT: 19.65 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BN006737.D

Acq: 06 Jul 2019 04:08

Instrument :

BNA_N

ClientSampleId :

MWHR2-10-070119

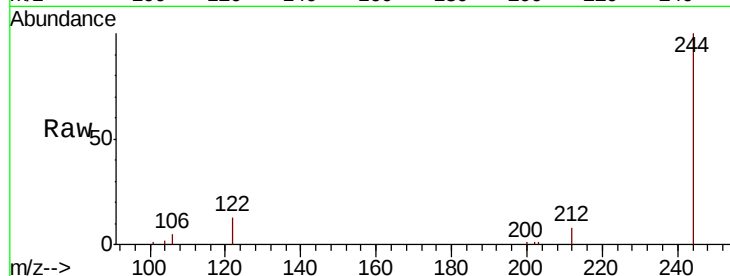
Tot Ion:244 Resp: 13825

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

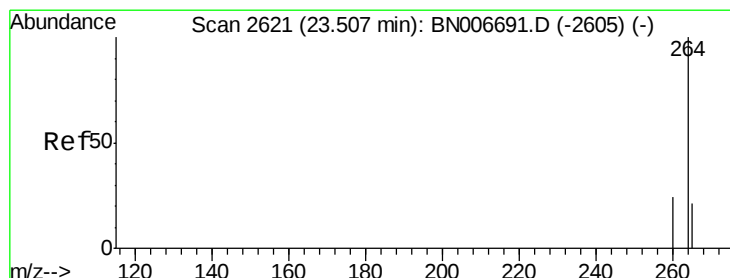
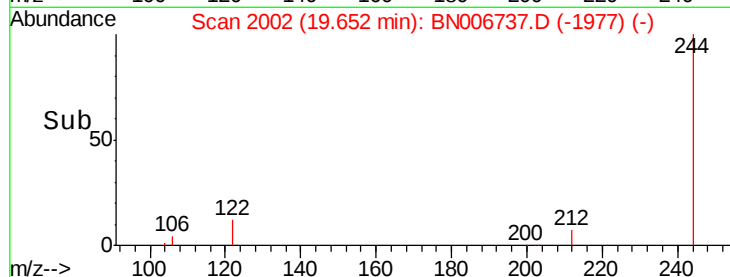
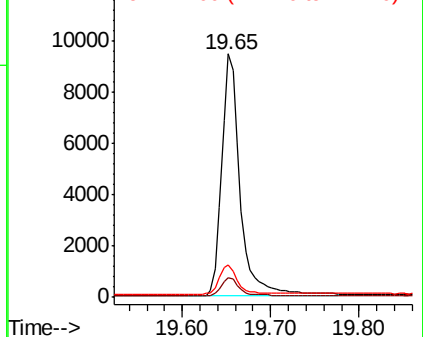
122 13.5 11.5 17.3



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: 23.45 min Scan# 2604

Delta R.T. -0.06 min

Lab File: BN006737.D

Acq: 06 Jul 2019 04:08

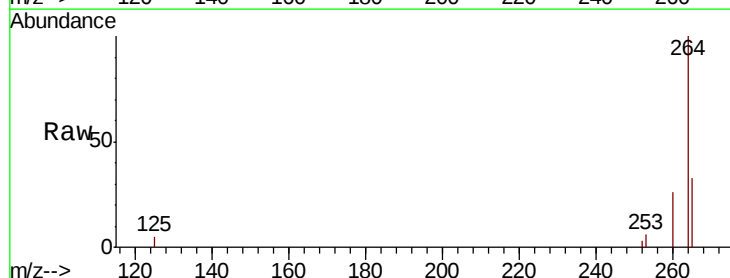
Tgt Ion:264 Resp: 15960

Ion Ratio Lower Upper

264 100

260 25.6 20.2 30.2

265 32.9 33.7 50.5#



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

