

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
 Data File : BM003736.D
 Acq On : 23 Dec 2015 08:07
 Operator : UM/SJ
 Sample : G4869-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LTCWC-06

Quant Time: Dec 23 10:35:33 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

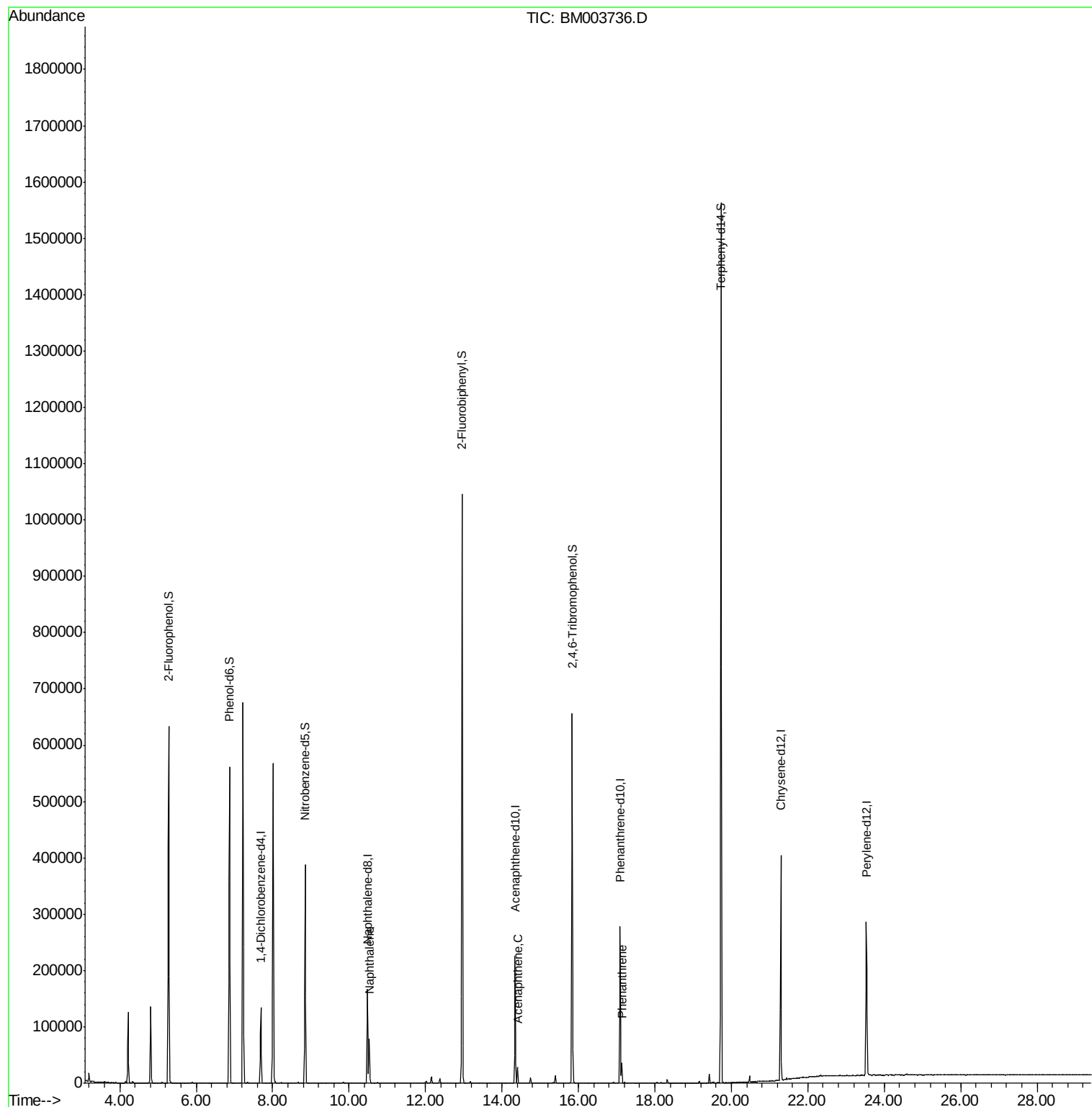
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	37218	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	144824	20.00	ng	-0.04
38) Acenaphthene-d10	14.35	164	73019	20.00	ng	-0.03
63) Phenanthrene-d10	17.09	188	158608	20.00	ng	-0.03
75) Chrysene-d12	21.29	240	180457	20.00	ng	-0.03
86) Perylene-d12	23.53	264	185692	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	291853	139.42	ng	-0.02
7) Phenol-d6	6.87	99	344178	118.40	ng	-0.02
23) Nitrobenzene-d5	8.85	82	235906	101.00	ng	-0.04
41) 2,4,6-Tribromophenol	15.84	330	108876	149.30	ng	-0.03
44) 2-Fluorobiphenyl	12.96	172	534859	99.80	ng	-0.04
78) Terphenyl-d14	19.73	244	666417	87.09	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	10.53	128	68275	9.01	ng	99
51) Acenaphthene	14.41	154	11079	2.41	ng	100
70) Phenanthrene	17.13	178	23991	2.70	ng	99

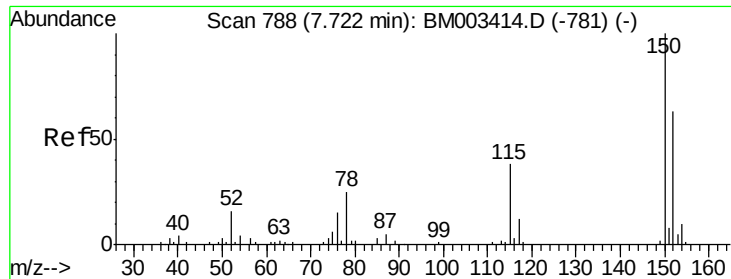
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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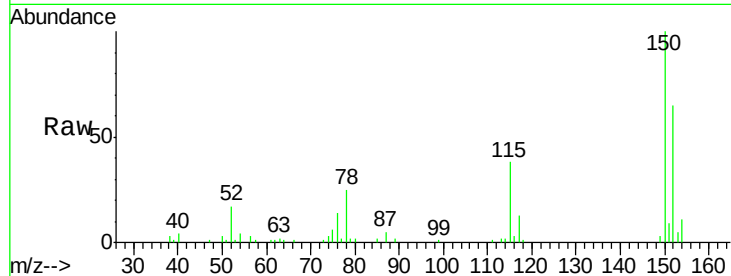


#1

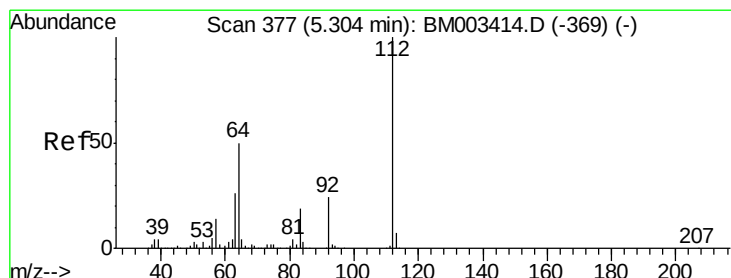
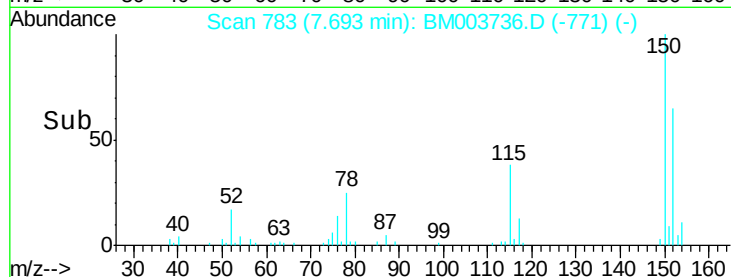
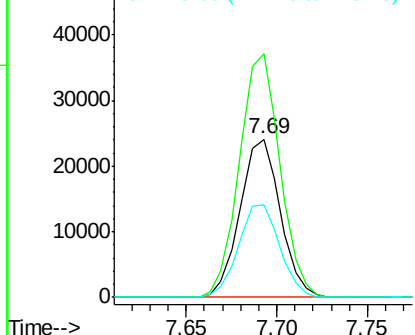
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.03 min
Lab File: BM003736.D
Acq: 23 Dec 2015 08:07

Instrument :
BNA_M
ClientSampleId :
LTCWC-06

Tot Ion:152 Resp: 37218
Ion Ratio Lower Upper
152 100
150 153.8 119.5 179.3
115 58.6 43.0 64.4



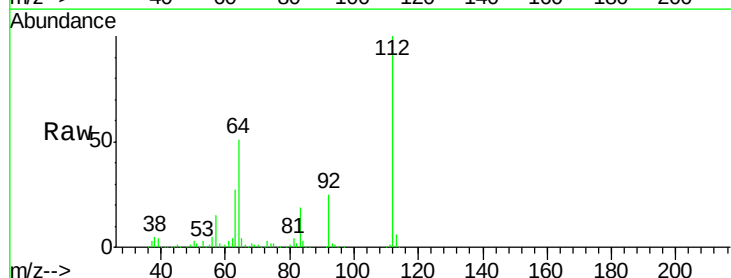
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



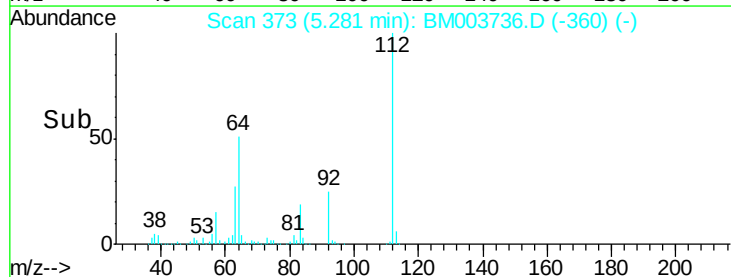
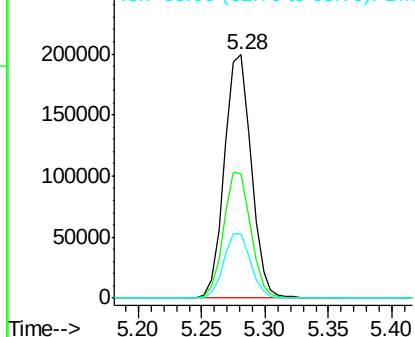
#5

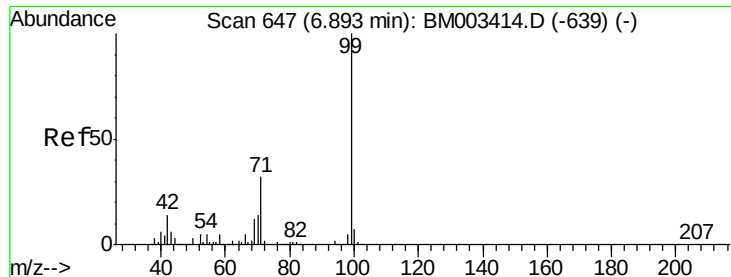
2-Fluorophenol
Concen: 139.42 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM003736.D
Acq: 23 Dec 2015 08:07

Tgt Ion:112 Resp: 291853
Ion Ratio Lower Upper
112 100
64 51.1 38.6 57.8
63 26.6 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 118.40 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM003736.D

Acq: 23 Dec 2015 08:07

Instrument :

BNA_M

ClientSampleId :

LTCWC-06

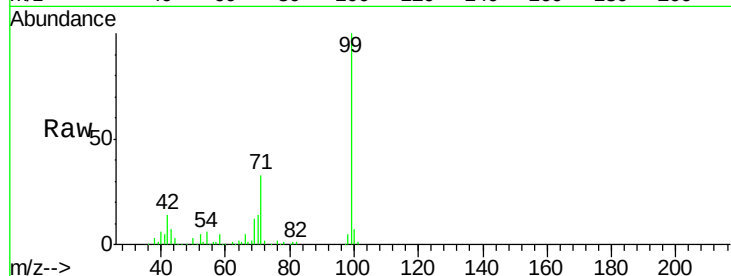
Tot Ion: 99 Resp: 344178

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.4

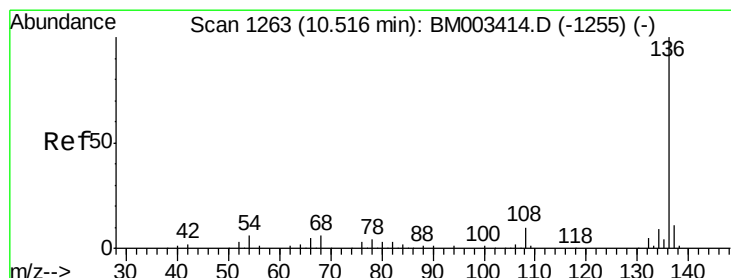
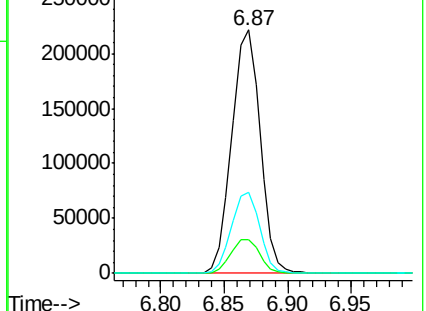
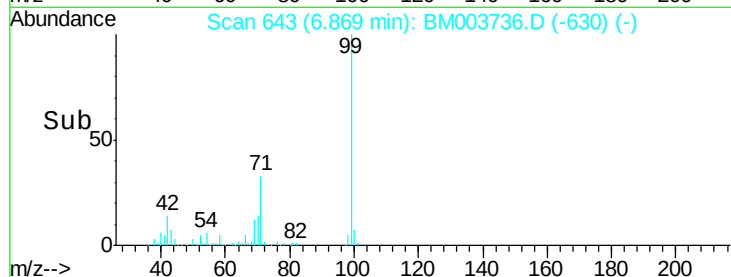
71 33.4 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003736.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003736.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003736.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BM003736.D

Acq: 23 Dec 2015 08:07

Tgt Ion: 136 Resp: 144824

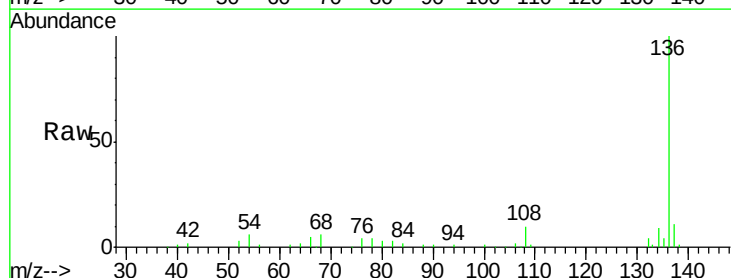
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.4 4.6 6.8

68 5.6 3.7 5.5#

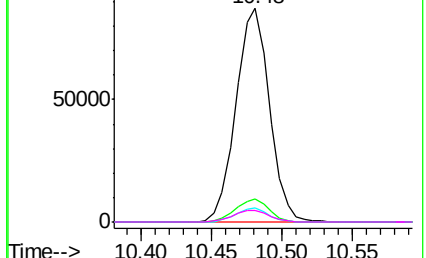
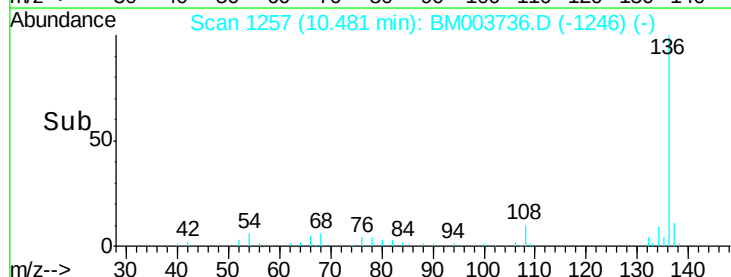


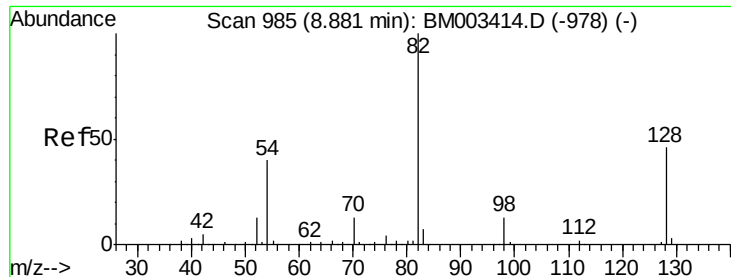
Abundance Ion 136.00 (135.70 to 136.70): BM003736.D (-1246) (-)

Ion 137.00 (136.70 to 137.70): BM003736.D (-1246) (-)

Ion 54.00 (53.70 to 54.70): BM003736.D (-1246) (-)

Ion 68.00 (67.70 to 68.70): BM003736.D (-1246) (-)

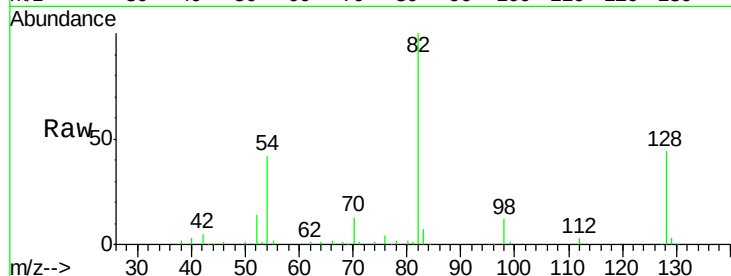




#23
 Nitrobenzene-d5
 Concen: 101.00 ng
 RT: 8.85 min Scan# 979
 Delta R.T. -0.04 min
 Lab File: BM003736.D
 Acq: 23 Dec 2015 08:07

Instrument :
 BNA_M
 ClientSampleId :
 LTCWC-06

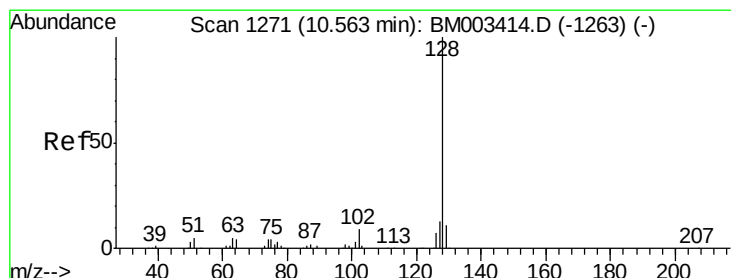
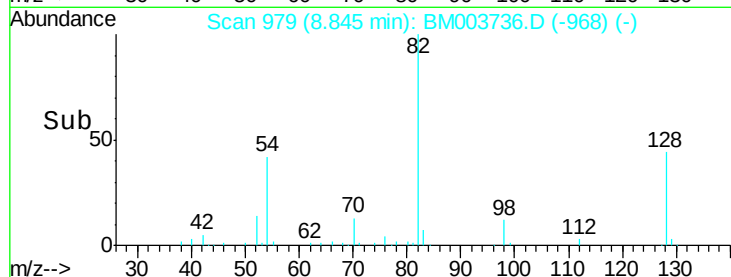
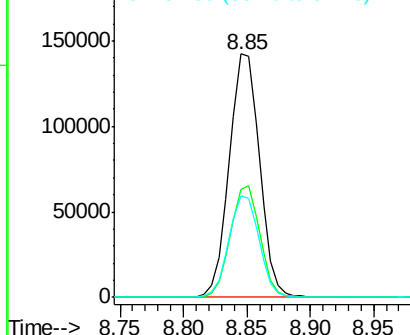
Tot Ion	82	Resp	235906
Ion Ratio	Lower	Upper	
82	100		
128	44.2	32.8	49.2
54	41.8	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM003736.D (-968) (-)

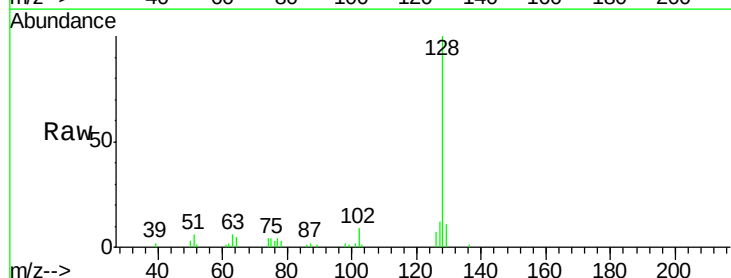
Ion 128.00 (127.70 to 128.70): BM003736.D (-968) (-)

Ion 54.00 (53.70 to 54.70): BM003736.D (-968) (-)



#31
 Naphthalene
 Concen: 9.01 ng
 RT: 10.53 min Scan# 1265
 Delta R.T. -0.04 min
 Lab File: BM003736.D
 Acq: 23 Dec 2015 08:07

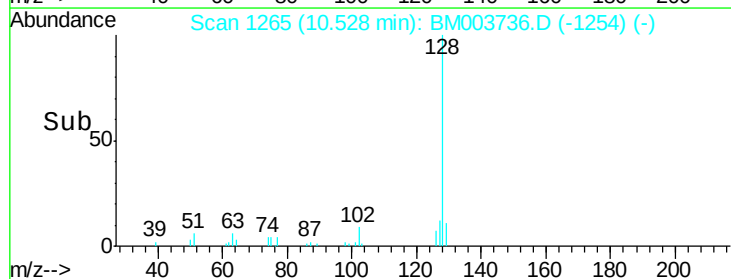
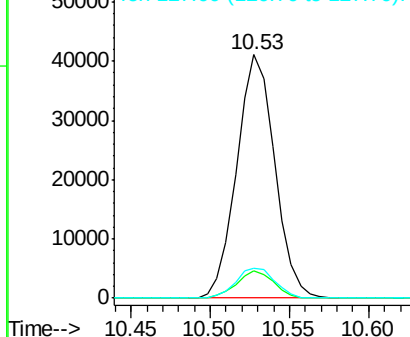
Tgt Ion	128	Resp	68275
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.9	13.3
127	12.4	10.4	15.6

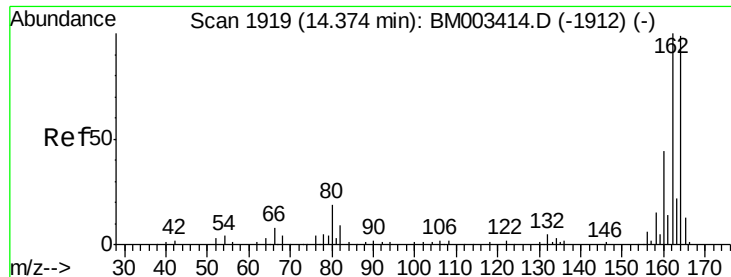


Abundance Ion 128.00 (127.70 to 128.70): BM003736.D (-1254) (-)

Ion 129.00 (128.70 to 129.70): BM003736.D (-1254) (-)

Ion 127.00 (126.70 to 127.70): BM003736.D (-1254) (-)





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.35 min Scan# 1914

Delta R.T. -0.03 min

Lab File: BM003736.D

Acq: 23 Dec 2015 08:07

Instrument :

BNA_M

ClientSampleId :

LTCWC-06

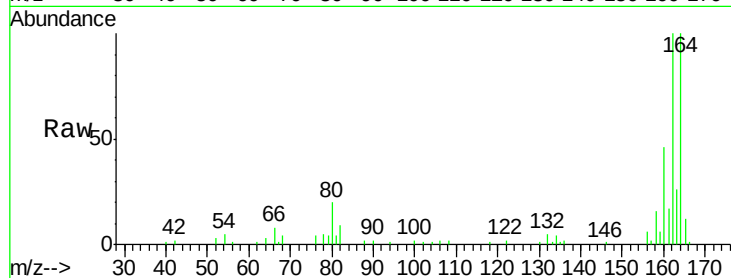
Tot Ion:164 Resp: 73019

Ion Ratio Lower Upper

164 100

162 99.7 82.4 123.6

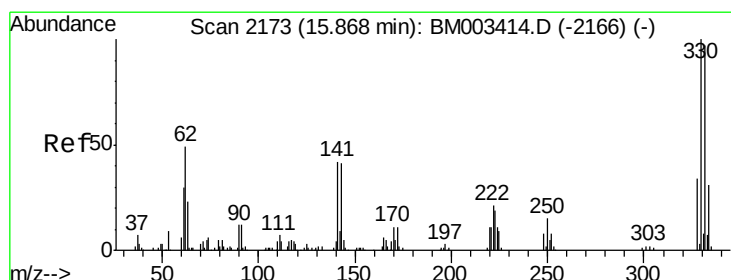
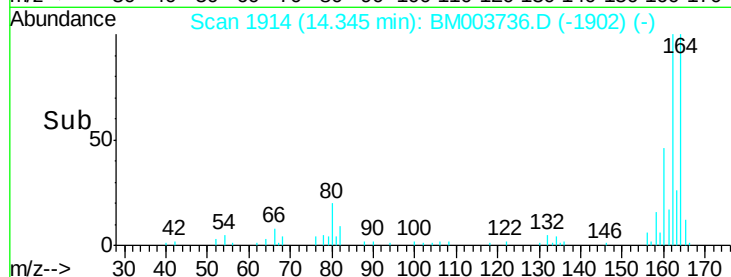
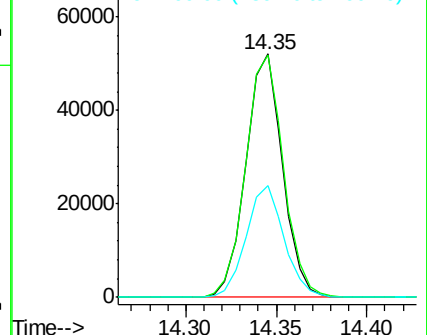
160 45.8 35.8 53.6



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



#41

2,4,6-Tribromophenol

Concen: 149.30 ng

RT: 15.84 min Scan# 2168

Delta R.T. -0.03 min

Lab File: BM003736.D

Acq: 23 Dec 2015 08:07

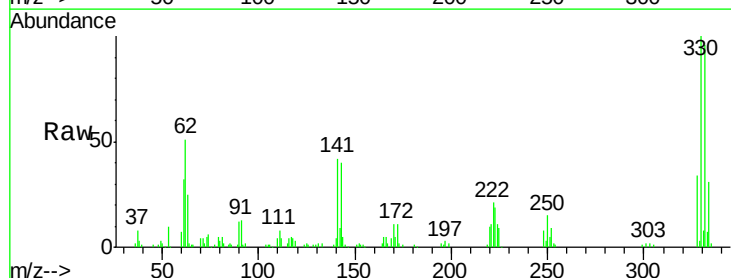
Tgt Ion:330 Resp: 108876

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

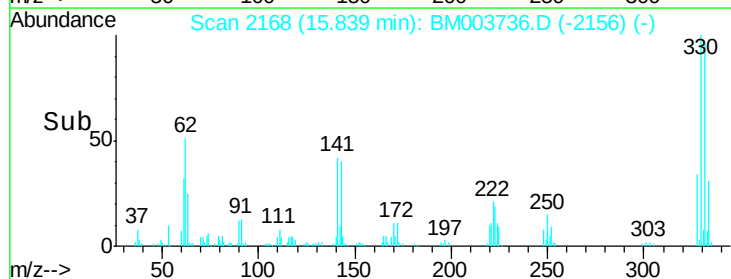
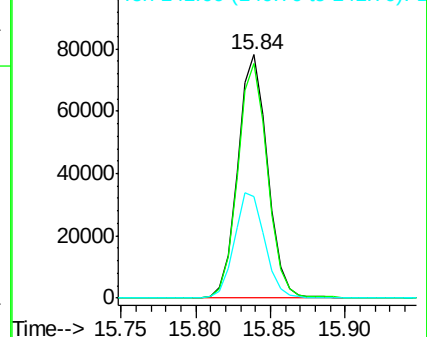
141 44.0 0.0 0.0#

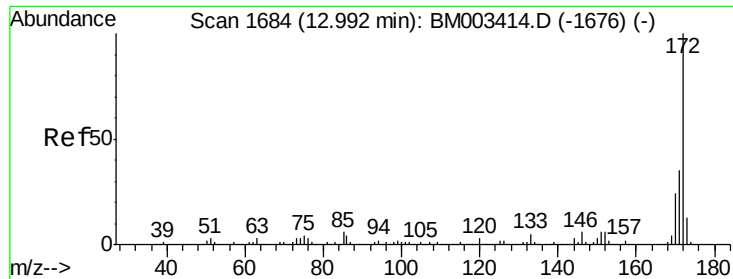


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

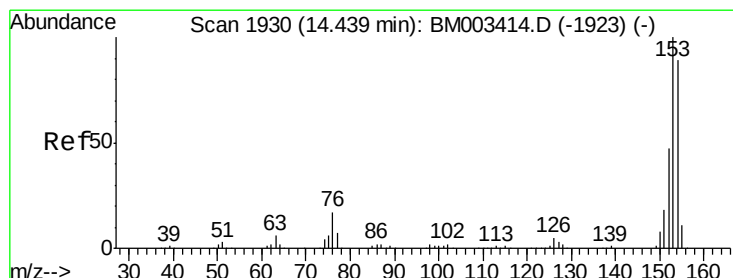
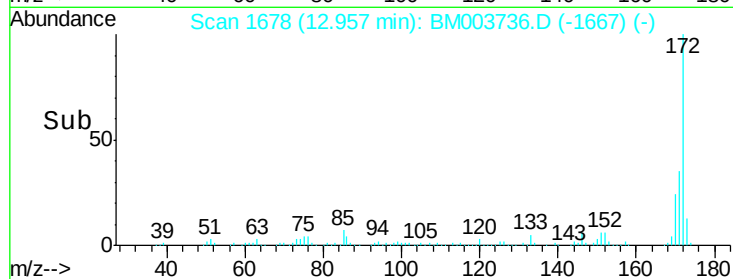
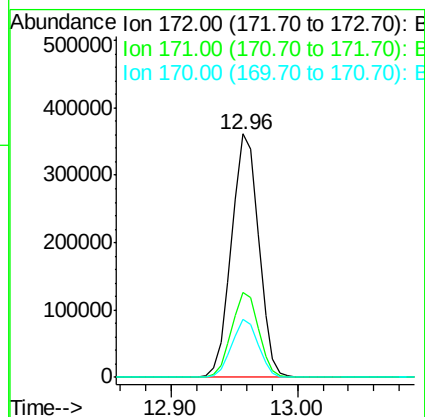
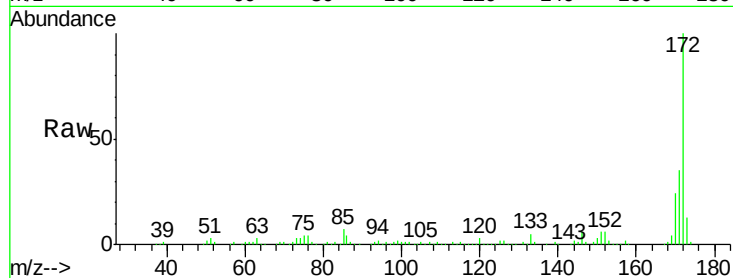




#44
2-Fluorobiphenyl
Concen: 99.80 ng
RT: 12.96 min Scan# 1678
Delta R.T. -0.04 min
Lab File: BM003736.D
Acq: 23 Dec 2015 08:07

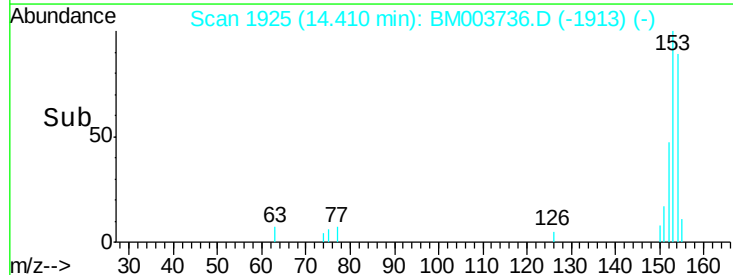
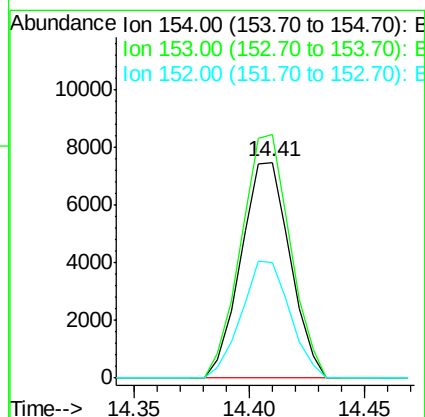
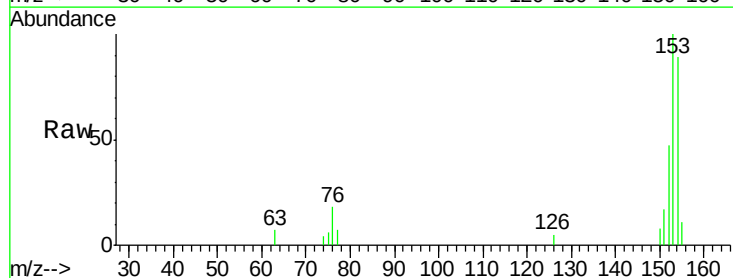
Instrument :
BNA_M
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LTCWC-06

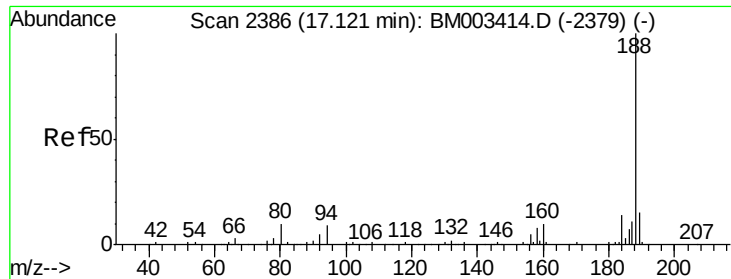
Tot Ion:172 Resp: 534859
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.6 18.8 28.2



#51
Acenaphthene
Concen: 2.41 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.03 min
Lab File: BM003736.D
Acq: 23 Dec 2015 08:07

Tgt Ion:154 Resp: 11079
Ion Ratio Lower Upper
154 100
153 112.7 90.0 135.0
152 53.5 42.6 63.8

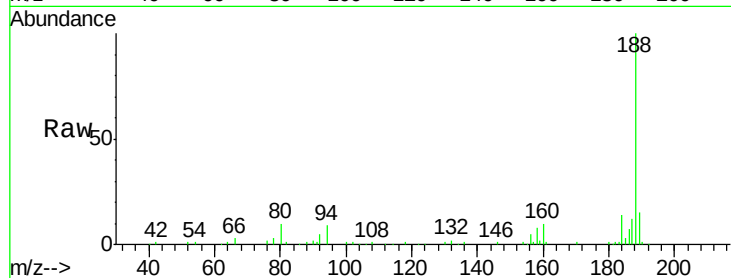




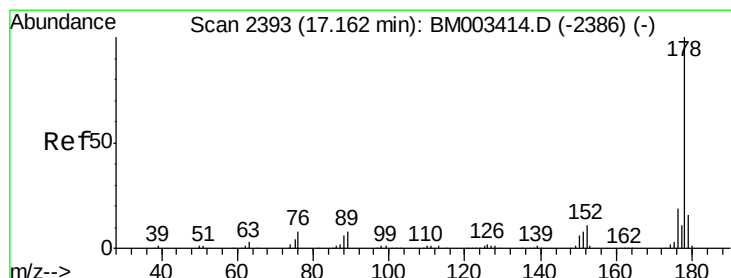
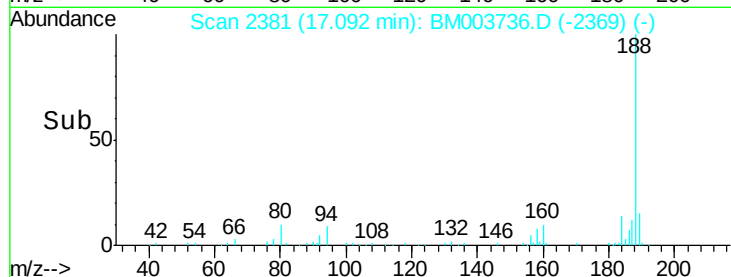
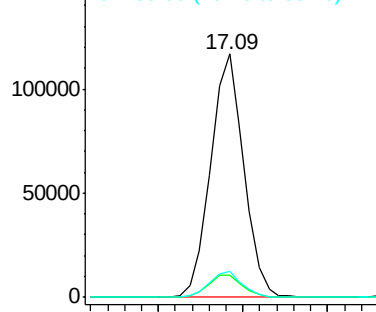
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.09 min Scan# 2381
Delta R.T. -0.03 min
Lab File: BM003736.D
Acq: 23 Dec 2015 08:07

Instrument :
BNA_M
ClientSampleId :
LTCWC-06

Tot Ion:188 Resp: 158608
Ion Ratio Lower Upper
188 100
94 9.1 8.7 13.1
80 10.5 9.3 13.9

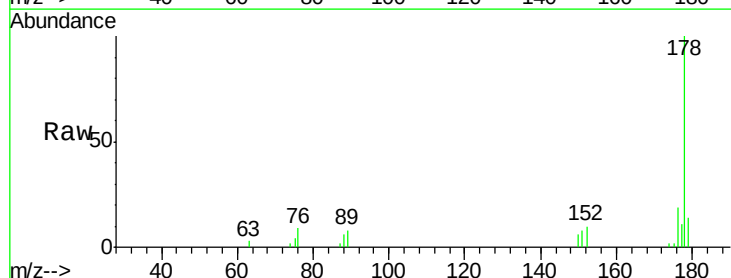


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

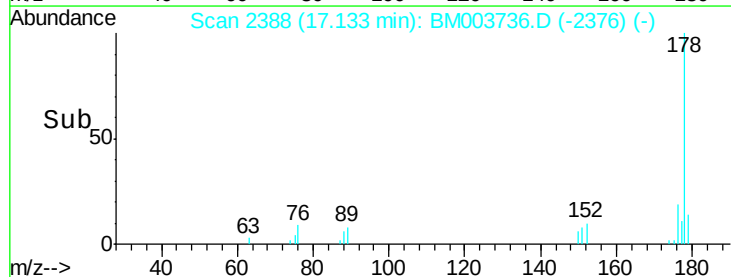
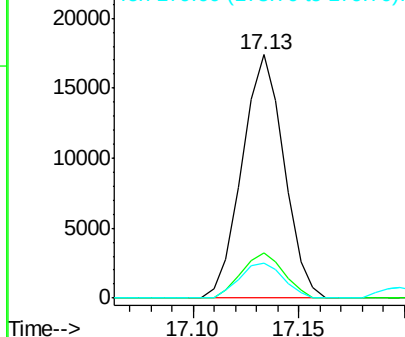


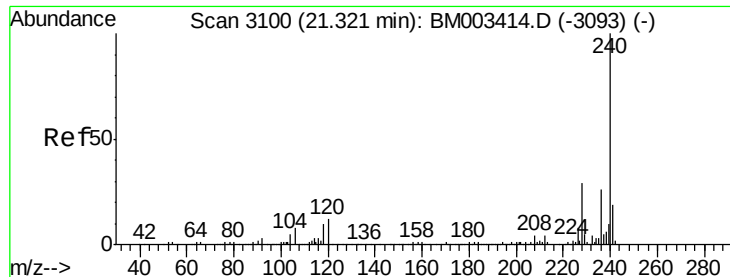
#70
Phenanthrene
Concen: 2.70 ng
RT: 17.13 min Scan# 2388
Delta R.T. -0.03 min
Lab File: BM003736.D
Acq: 23 Dec 2015 08:07

Tgt Ion:178 Resp: 23991
Ion Ratio Lower Upper
178 100
176 18.6 15.2 22.8
179 14.2 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.03 min

Lab File: BM003736.D

Acq: 23 Dec 2015 08:07

Instrument :

BNA_M

ClientSampleId :

LTCWC-06

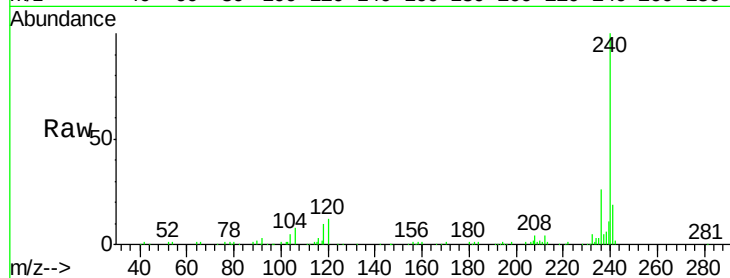
Tot Ion:240 Resp: 180457

Ion Ratio Lower Upper

240 100

120 11.9 8.2 12.2

236 25.8 20.0 30.0



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

21.29

150000

100000

50000

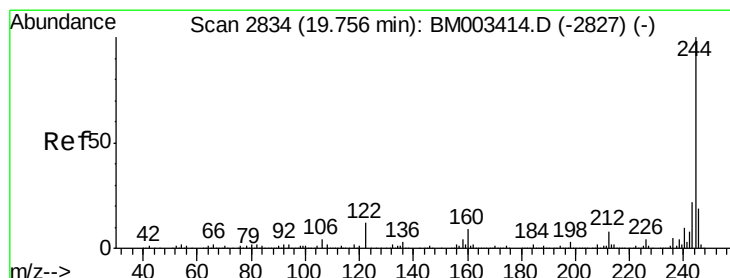
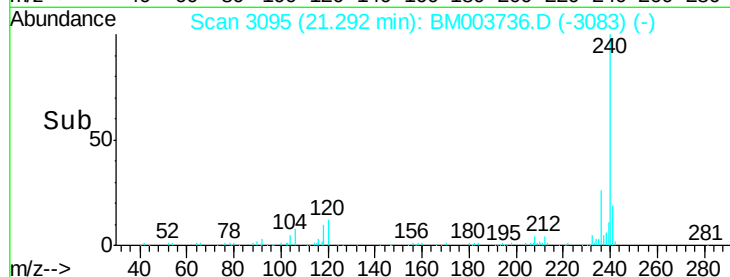
0

Time-->

21.25

21.30

21.35



#78

Terphenyl-d14

Concen: 87.09 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.03 min

Lab File: BM003736.D

Acq: 23 Dec 2015 08:07

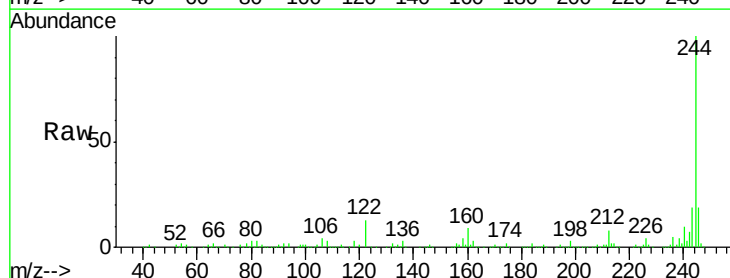
Tgt Ion:244 Resp: 666417

Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

122 12.7 6.2 9.4#



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

19.73

600000

400000

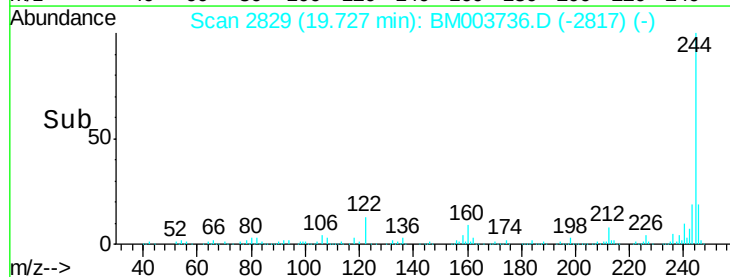
200000

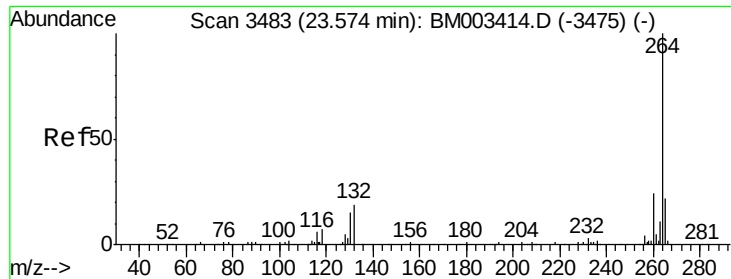
0

Time-->

19.70

19.80





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.53 min Scan# 3476
Delta R.T. -0.04 min
Lab File: BM003736.D
Acq: 23 Dec 2015 08:07

Instrument :
BNA_M
ClientSampleId :
LTCWC-06

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	21.7	17.3	25.9

