

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051615\
 Data File : BM001315.D
 Acq On : 15 May 2015 05:06
 Operator : TP/IZ
 Sample : G2228-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 051115-P03-E-U-M

Quant Time: May 15 15:44:57 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 05:24:15 2015
 Response via : Initial Calibration

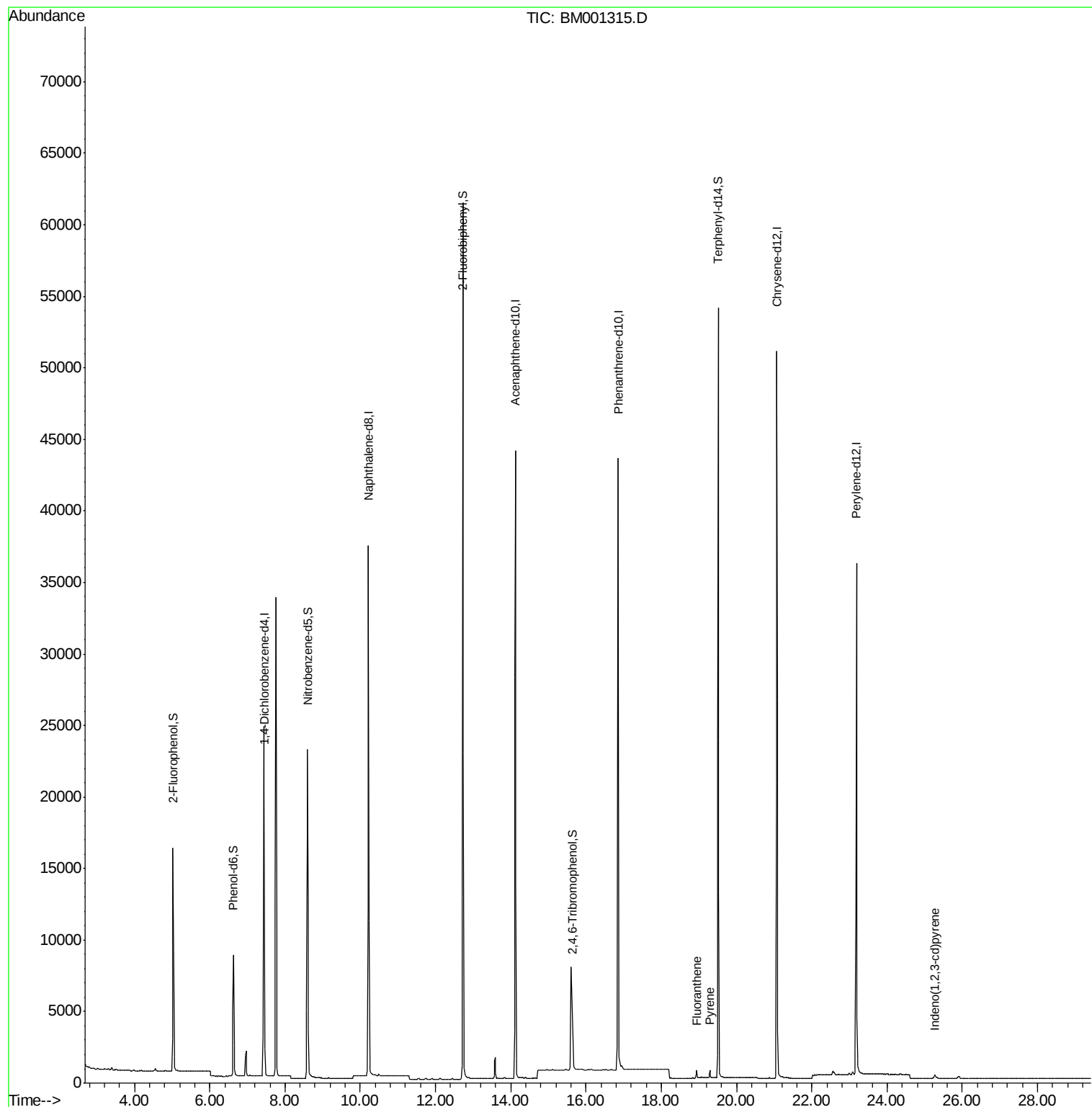
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	14211	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	50012	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	25896	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	76202	5.00	ng	0.00
24) Chrysene-d12	21.07	240	46140	5.00	ng	-0.01
30) Perylene-d12	23.18	264	44191	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	12722	4.60	ng	-0.02
5) Phenol-d6	6.63	99	9253	2.96	ng	0.00
7) Nitrobenzene-d5	8.60	82	19974	6.30	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	7645	8.61	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	61264	7.62	ng	0.00
26) Terphenyl-d14	19.51	244	52715	8.50	ng	-0.01
Target Compounds						
23) Fluoranthene	18.93	202	551	0.03	ng	98
25) Pyrene	19.30	202	537	0.04	ng	95
29) Indeno(1,2,3-cd)pyrene	25.26	276	352	0.03	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.45 min Scan# 309

Delta R.T. -0.00 min

Lab File: BM001315.D

Acq: 15 May 2015 05:06

Instrument :

BNA_M

ClientSampleId :

051115-P03-E-U-M

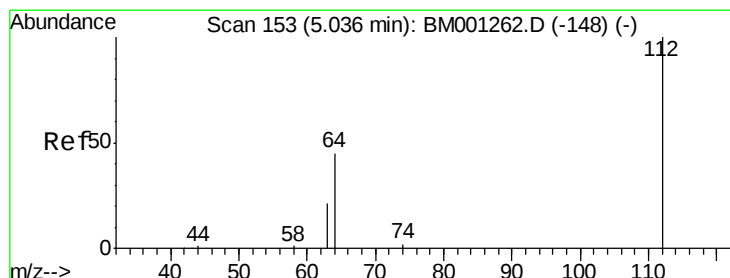
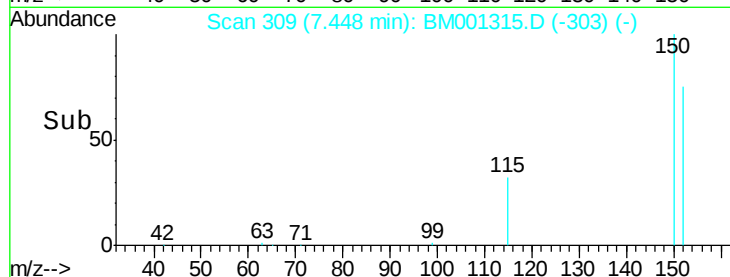
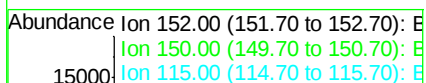
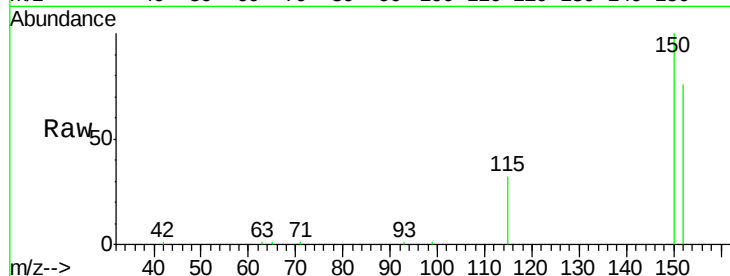
Tot Ion:152 Resp: 14211

Ion Ratio Lower Upper

152 100

150 132.4 114.6 172.0

115 42.6 39.3 58.9



#4

2-Fluorophenol

Concen: 4.60 ng

RT: 5.02 min Scan# 152

Delta R.T. -0.02 min

Lab File: BM001315.D

Acq: 15 May 2015 05:06

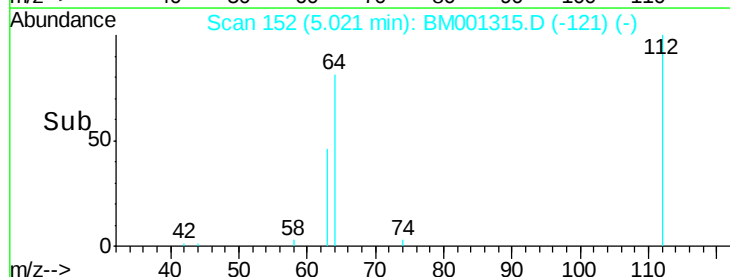
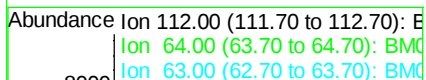
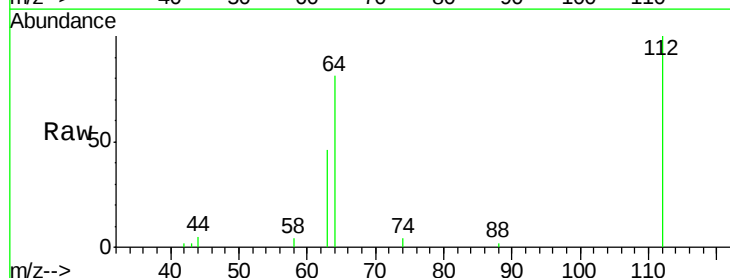
Tgt Ion:112 Resp: 12722

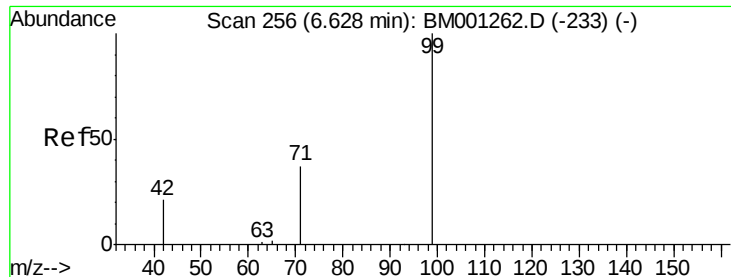
Ion Ratio Lower Upper

112 100

64 63.6 50.8 76.2

63 35.6 28.2 42.4





#5

Phenol-d6

Concen: 2.96 ng

RT: 6.63 min Scan# 256

Delta R.T. 0.00 min

Lab File: BM001315.D

Acq: 15 May 2015 05:06

Instrument :

BNA_M

ClientSampleId :

051115-P03-E-U-M

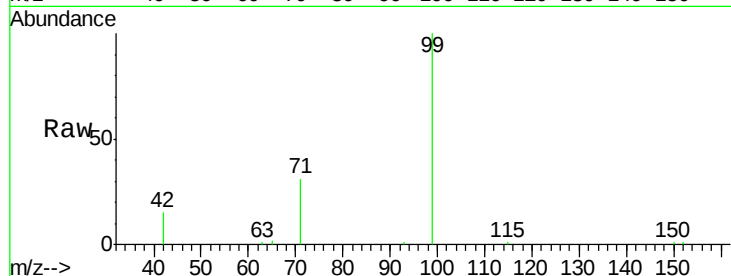
Tot Ion: 99 Resp: 9253

Ion Ratio Lower Upper

99 100

42 24.1 19.9 29.9

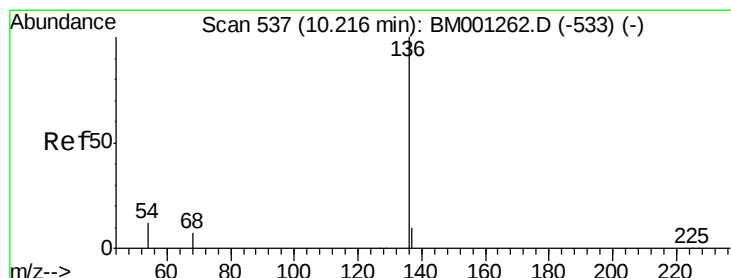
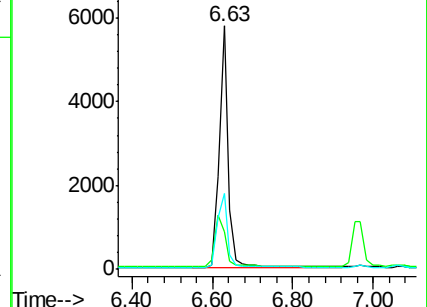
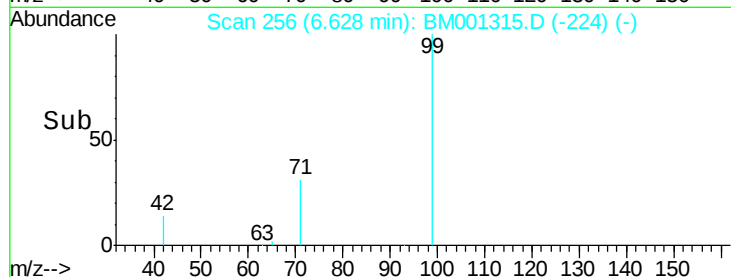
71 34.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM001315.D (-224) (-)

Ion 42.00 (41.70 to 42.70): BM001315.D (-224) (-)

Ion 71.00 (70.70 to 71.70): BM001315.D (-224) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BM001315.D

Acq: 15 May 2015 05:06

Tgt Ion: 136 Resp: 50012

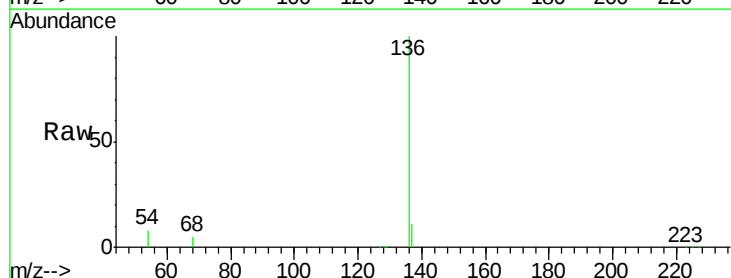
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 8.5 9.5 14.3#

68 5.3 5.5 8.3#

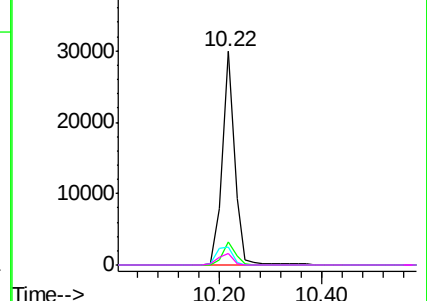
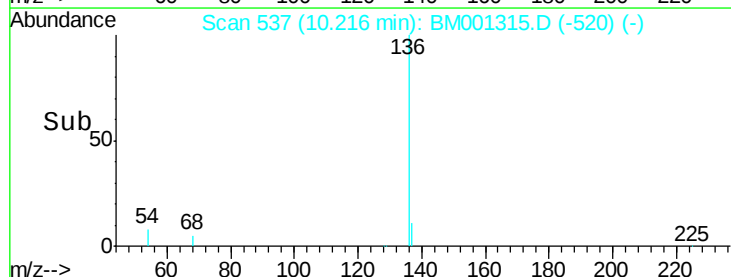


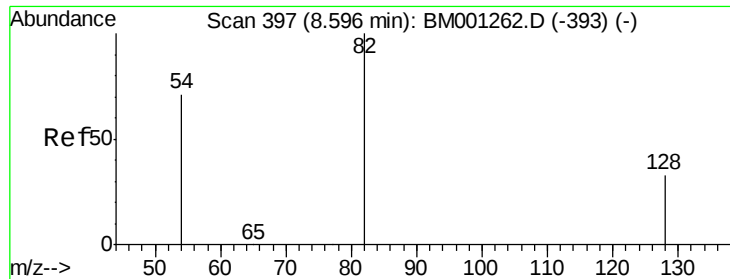
Abundance Ion 136.00 (135.70 to 136.70): BM001315.D (-520) (-)

Ion 137.00 (136.70 to 137.70): BM001315.D (-520) (-)

Ion 54.00 (53.70 to 54.70): BM001315.D (-520) (-)

Ion 68.00 (67.70 to 68.70): BM001315.D (-520) (-)





#7

Nitrobenzene-d5

Concen: 6.30 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001315.D

Acq: 15 May 2015 05:06

Instrument :

BNA_M

ClientSampleId :

051115-P03-E-U-M

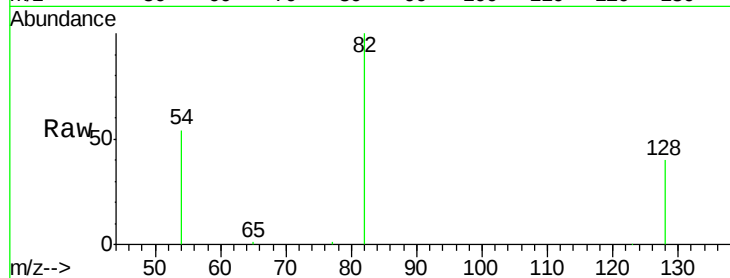
Tot Ion: 82 Resp: 19974

Ion Ratio Lower Upper

82 100

128 40.4 28.0 42.0

54 53.7 57.3 85.9#



Abundance Ion 82.00 (81.70 to 82.70): BM001262.D (-393) (-)

Ion 128.00 (127.70 to 128.70): BM001262.D (-393) (-)

Ion 54.00 (53.70 to 54.70): BM001262.D (-393) (-)

8.60

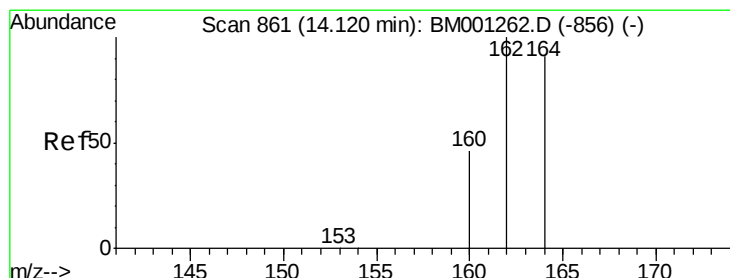
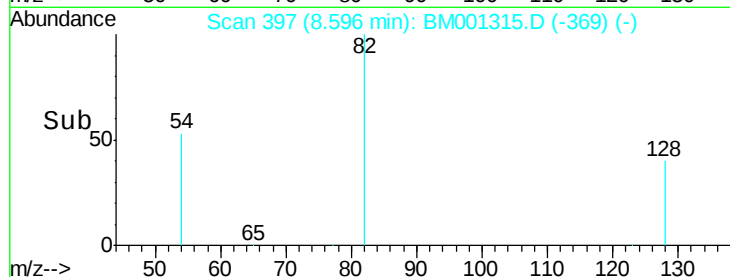
15000

10000

5000

0

Time--> 8.40 8.60 8.80



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.12 min Scan# 861

Delta R.T. -0.00 min

Lab File: BM001315.D

Acq: 15 May 2015 05:06

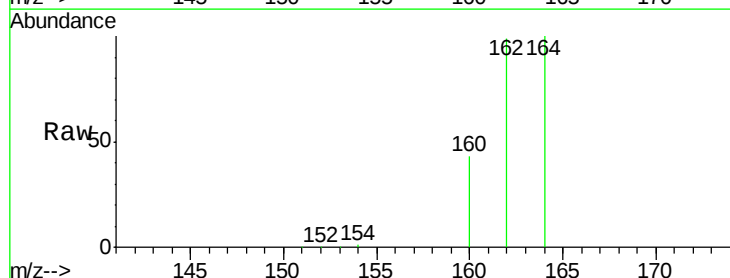
Tgt Ion: 164 Resp: 25896

Ion Ratio Lower Upper

164 100

162 99.3 87.9 131.9

160 42.6 40.9 61.3



Abundance Ion 164.00 (163.70 to 164.70): BM001262.D (-856) (-)

Ion 162.00 (161.70 to 162.70): BM001262.D (-856) (-)

Ion 160.00 (159.70 to 160.70): BM001262.D (-856) (-)

14.12

25000

20000

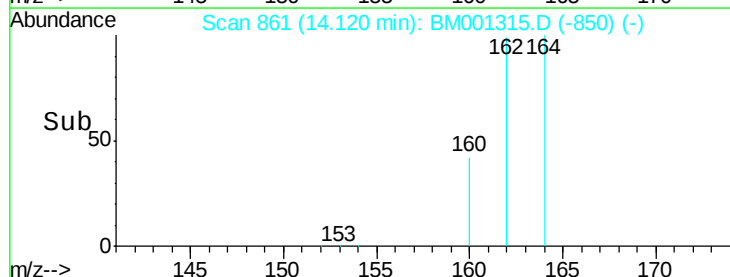
15000

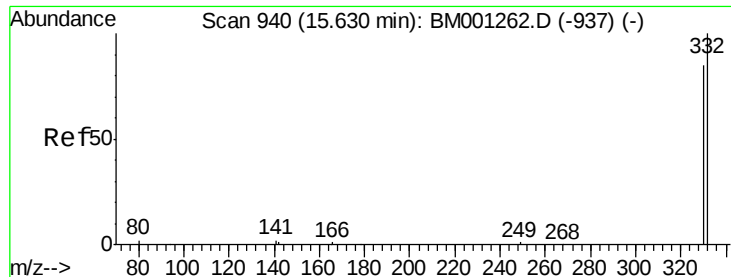
10000

5000

0

Time--> 14.00 14.20

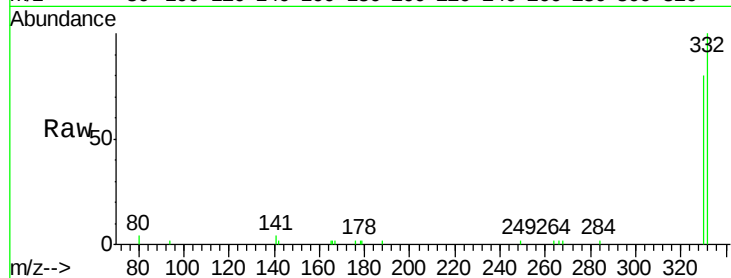




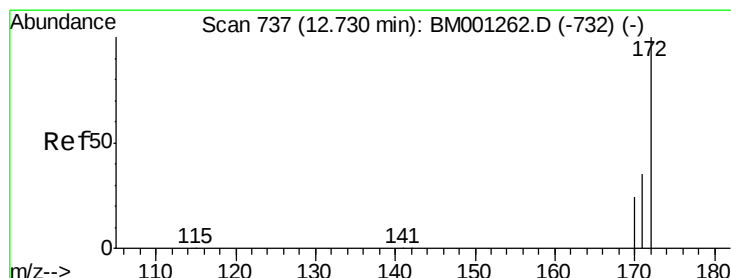
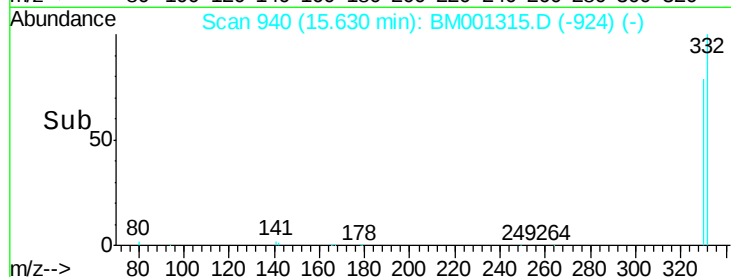
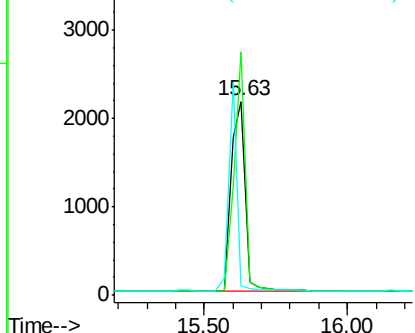
#13
 2,4,6-Tribromophenol
 Concen: 8.61 ng
 RT: 15.63 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BM001315.D
 Acq: 15 May 2015 05:06

Instrument :
 BNA_M
 ClientSampleId :
 051115-P03-E-U-M

Tot Ion:330 Resp: 7645
 Ion Ratio Lower Upper
 330 100
 332 99.9 89.0 133.4
 141 0.0 0.0 0.0

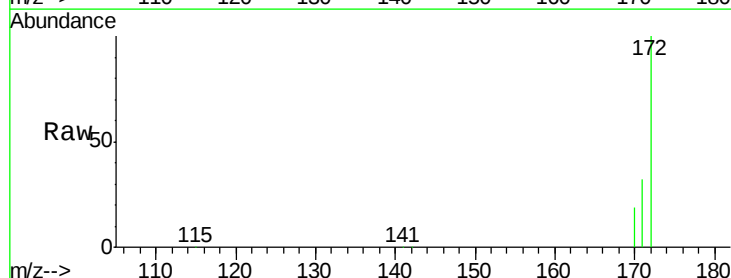


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

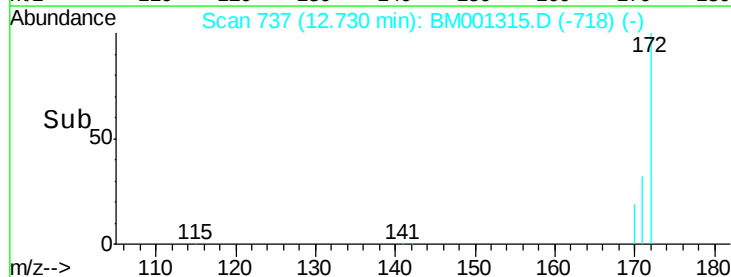
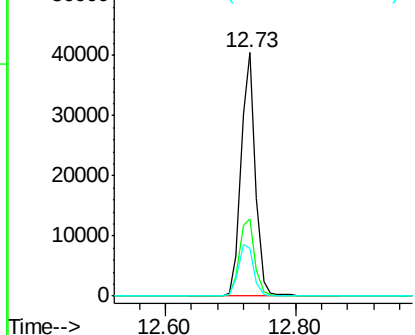


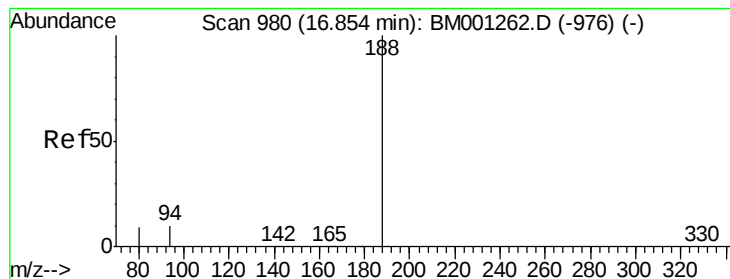
#14
 2-Fluorobiphenyl
 Concen: 7.62 ng
 RT: 12.73 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BM001315.D
 Acq: 15 May 2015 05:06

Tgt Ion:172 Resp: 61264
 Ion Ratio Lower Upper
 172 100
 171 31.9 28.7 43.1
 170 19.4 19.5 29.3#



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





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM001315.D

Acq: 15 May 2015 05:06

Instrument :

BNA_M

ClientSampleId :

051115-P03-E-U-M

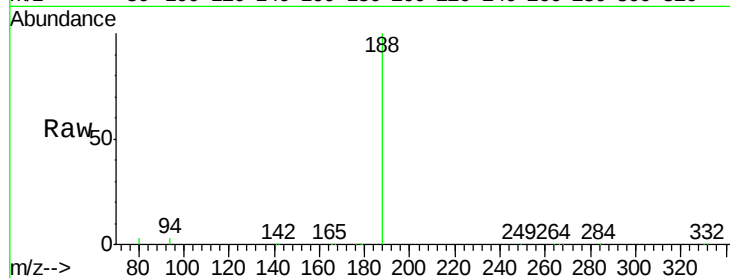
Tot Ion:188 Resp: 76202

Ion Ratio Lower Upper

188 100

94 3.3 7.8 11.8#

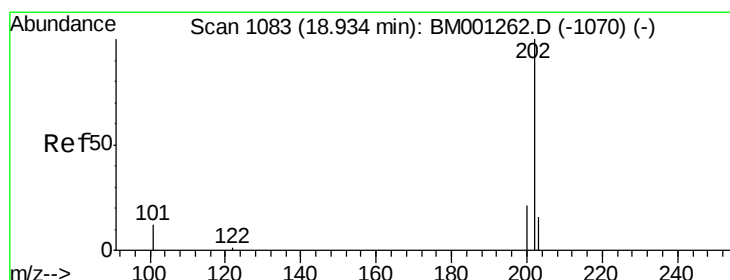
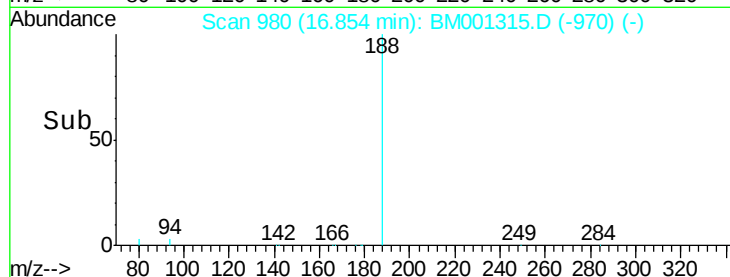
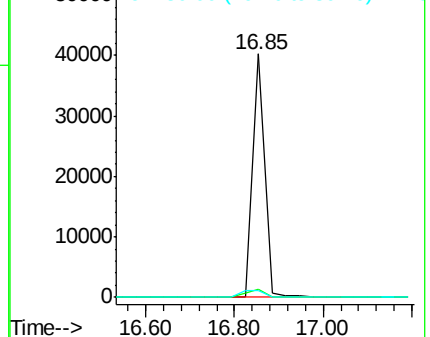
80 2.9 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#23

Fluoranthene

Concen: 0.03 ng

RT: 18.93 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BM001315.D

Acq: 15 May 2015 05:06

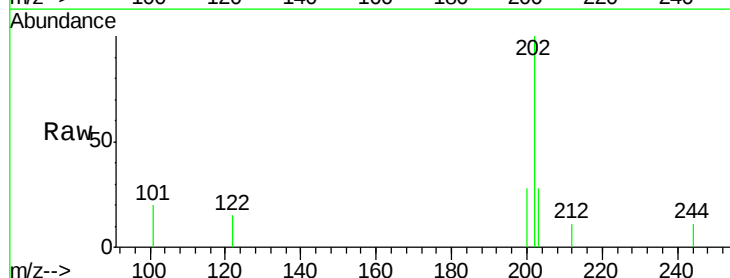
Tgt Ion:202 Resp: 551

Ion Ratio Lower Upper

202 100

101 12.7 9.1 13.7

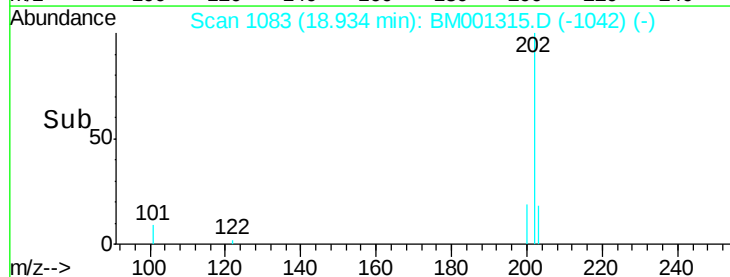
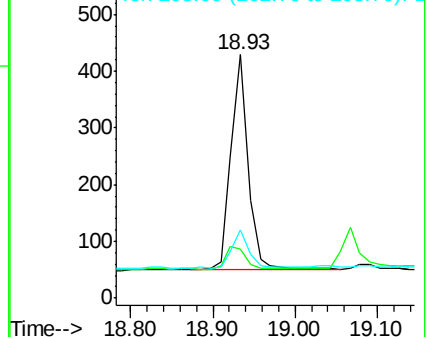
203 17.6 13.8 20.6

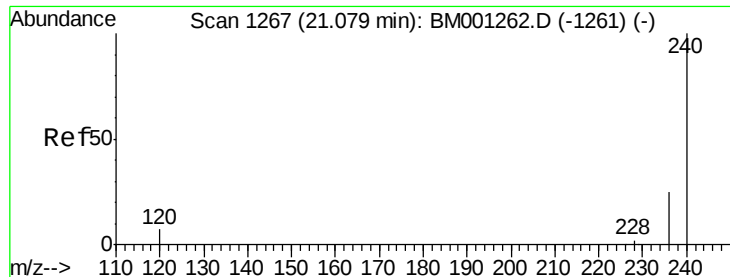


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

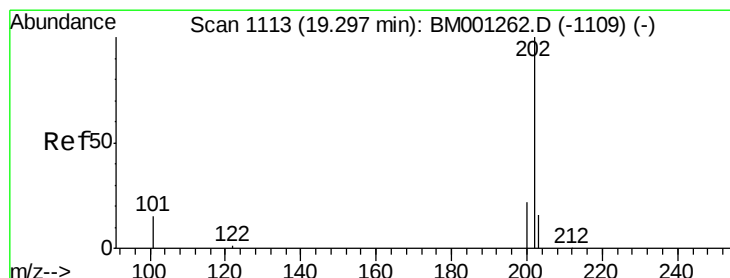
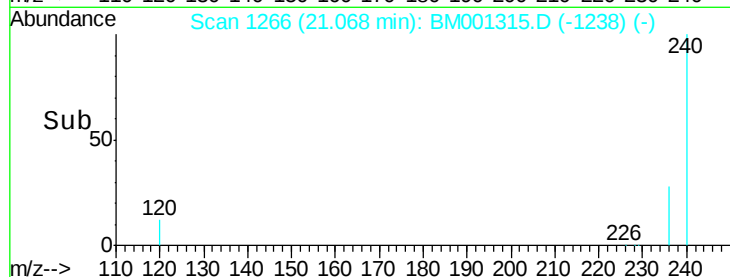
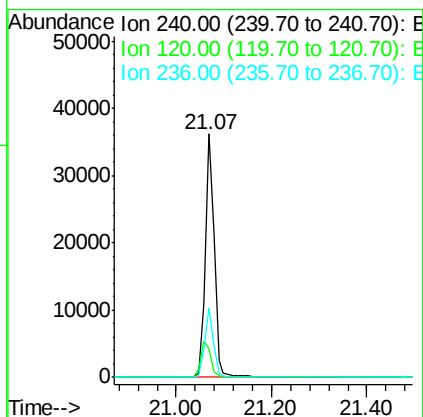
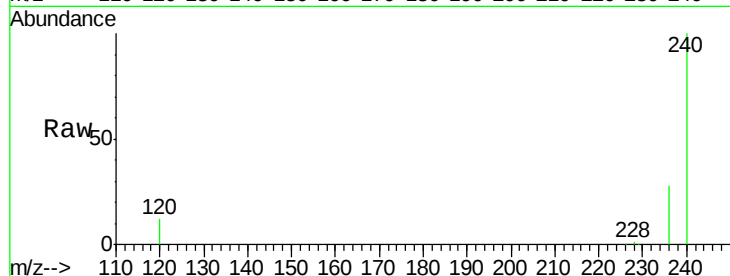




#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BM001315.D
Acq: 15 May 2015 05:06

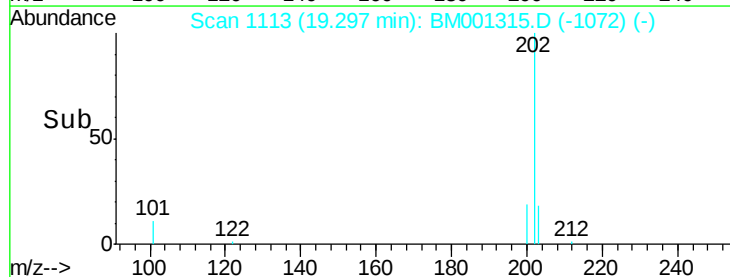
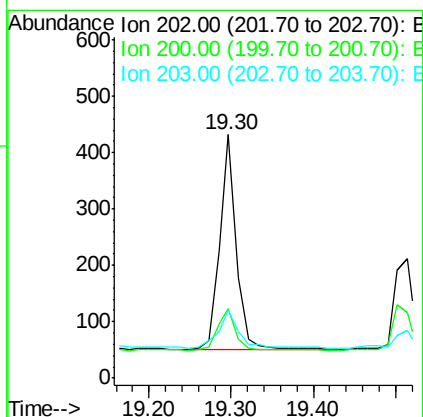
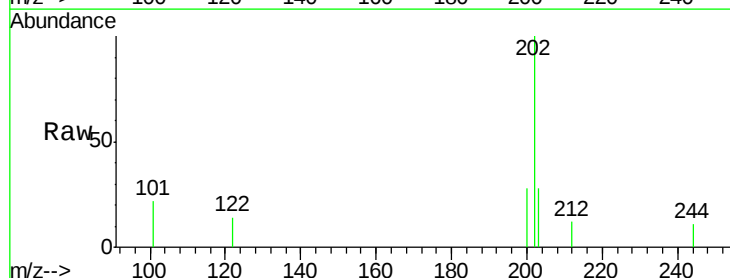
Instrument :
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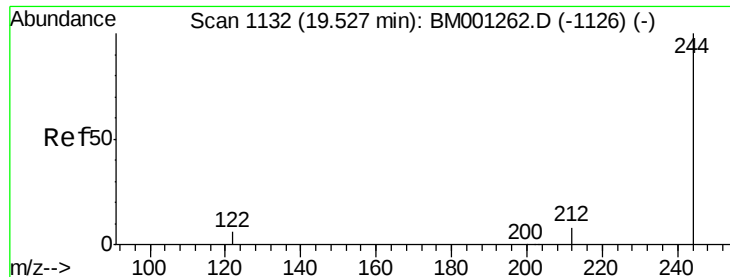
Tot Ion:240 Resp: 46140
Ion Ratio Lower Upper
240 100
120 11.7 5.5 8.3#
236 28.4 20.4 30.6



#25
Pyrene
Concen: 0.04 ng
RT: 19.30 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BM001315.D
Acq: 15 May 2015 05:06

Tgt Ion:202 Resp: 537
Ion Ratio Lower Upper
202 100
200 21.6 16.4 24.6
203 20.9 13.9 20.9





#26

Terphenyl-d14

Concen: 8.50 ng

RT: 19.51 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BM001315.D

Acq: 15 May 2015 05:06

Instrument :

BNA_M

ClientSampleId :

051115-P03-E-U-M

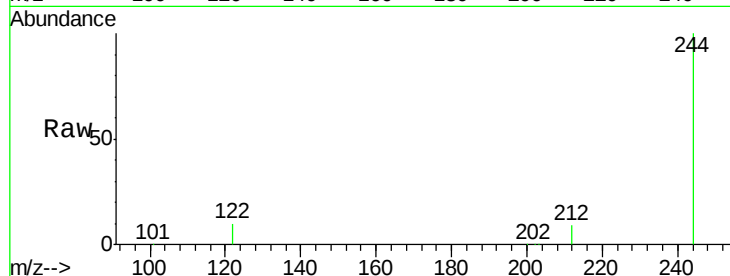
Tot Ion:244 Resp: 52715

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

122 10.3 5.6 8.4#

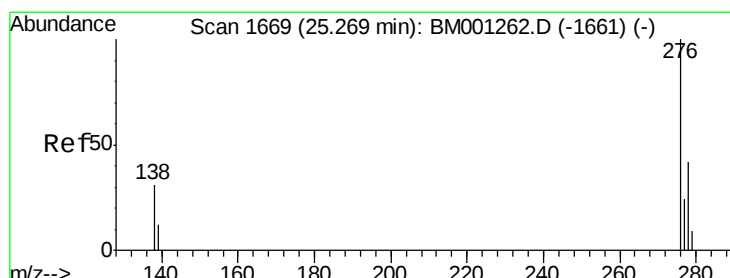
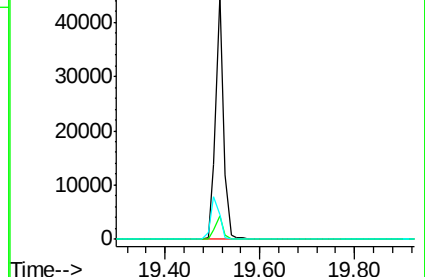
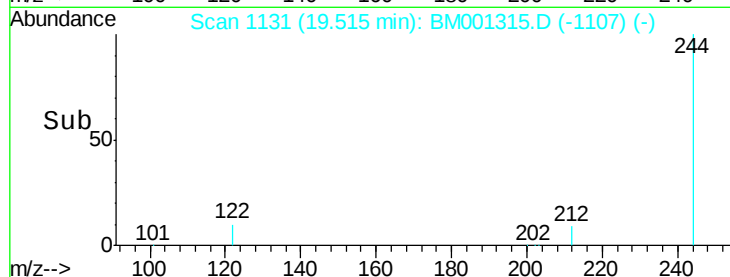


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.51



#29

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng

RT: 25.26 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BM001315.D

Acq: 15 May 2015 05:06

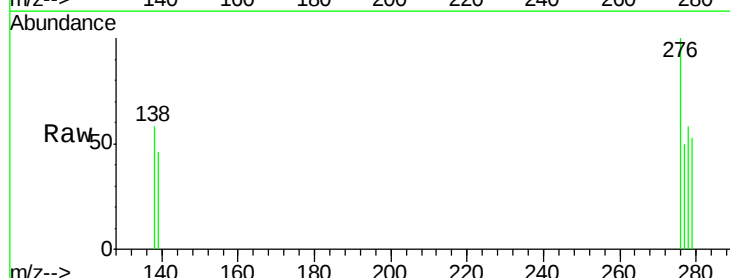
Tgt Ion:276 Resp: 352

Ion Ratio Lower Upper

276 100

138 29.5 24.9 37.3

277 22.4 19.5 29.3

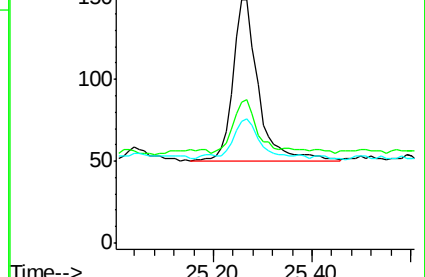
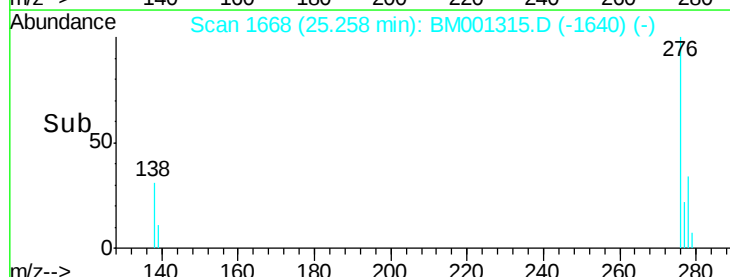


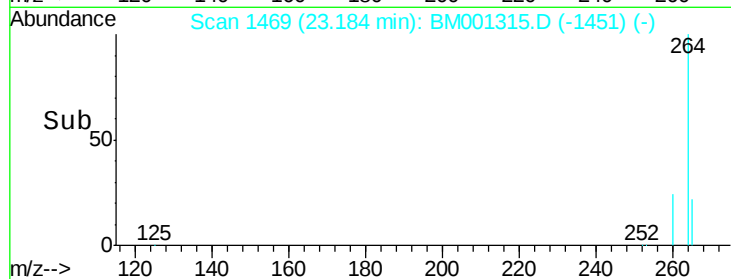
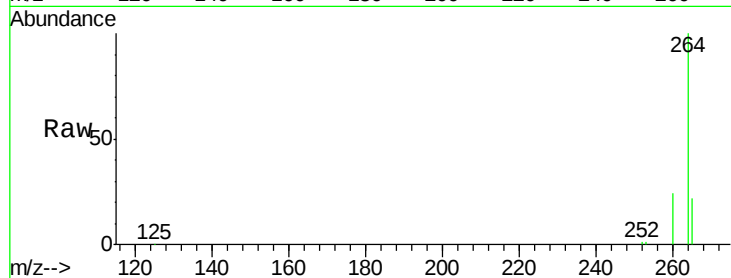
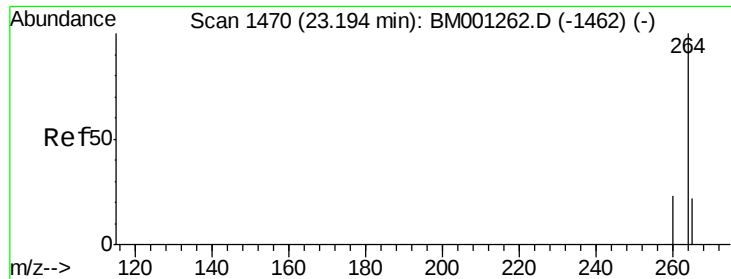
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

25.26





#30

Pervlene-d12

Concen: 5.00 ng

RT: 23.18 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BM001315.D

Acq: 15 May 2015 05:06

Instrument :

BNA_M

ClientSampleId :

051115-P03-E-U-M

Tot Ion:264 Resp: 44191

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 22.3 18.1 27.1

