

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112715\
 Data File : BM003312.D
 Acq On : 27 Nov 2015 19:45
 Operator : UM/IZ
 Sample : PB86805BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB86805BL

Quant Time: Nov 28 02:16:19 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM112715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 27 16:36:40 2015
 Response via : Initial Calibration

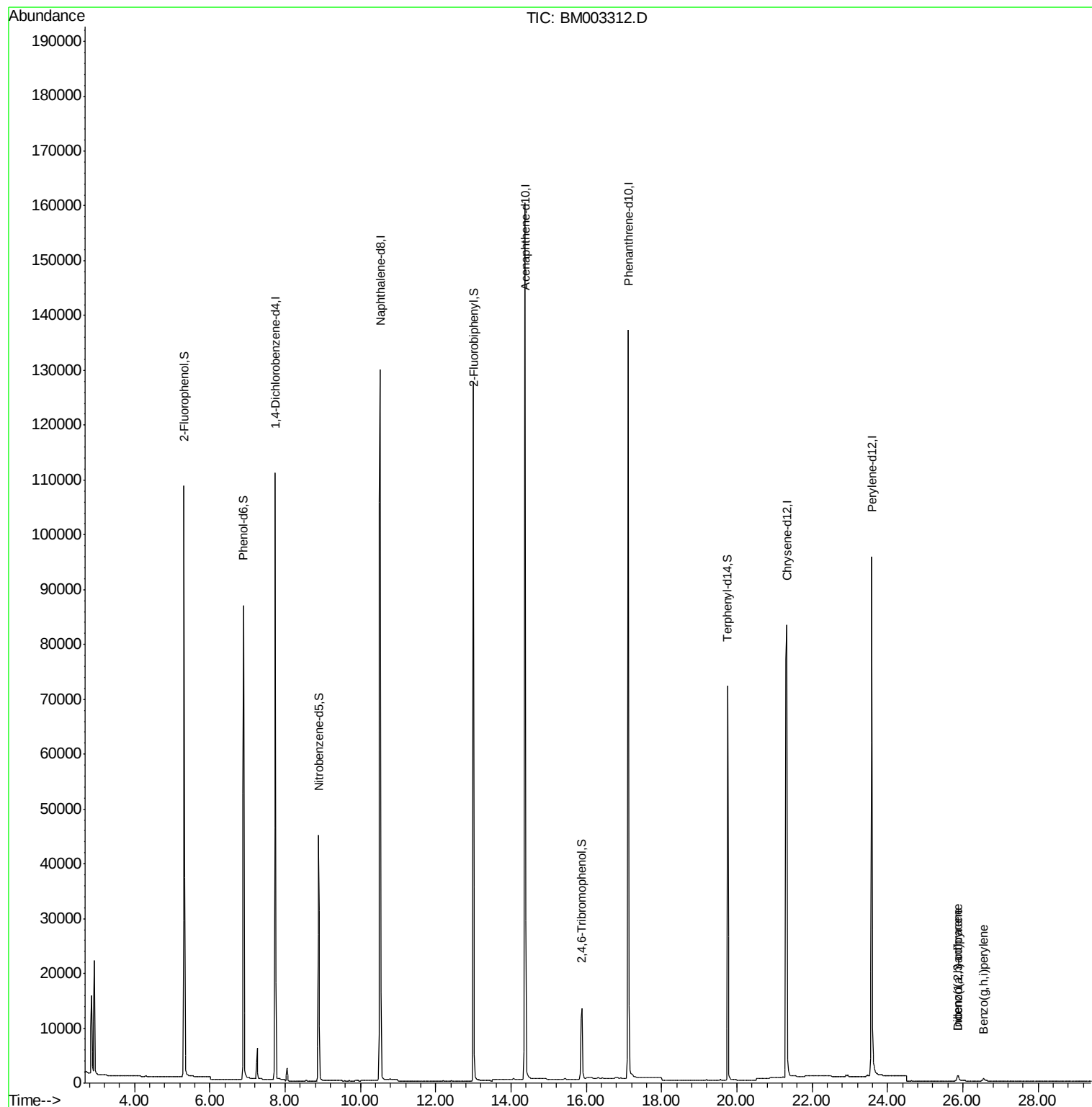
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	56910	5.00	ng	0.00
7) Naphthalene-d8	10.53	136	218176	5.00	ng	0.00
13) Acenaphthene-d10	14.37	164	95868	5.00	ng	0.00
19) Phenanthrene-d10	17.11	188	196581	5.00	ng	0.00
26) Chrysene-d12	21.33	240	136203	5.00	ng	0.01
35) Perylene-d12	23.58	264	126905	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	91666	8.17	ng	0.00
5) Phenol-d6	6.90	99	109655	8.52	ng	0.00
8) Nitrobenzene-d5	8.89	82	39411	4.06	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	12593	5.72	ng	0.02
15) 2-Fluorobiphenyl	13.01	172	135553	4.38	ng	0.00
29) Terphenyl-d14	19.76	244	84998	4.48	ng	0.00
Target Compounds						
34) Indeno(1,2,3-cd)pyrene	25.86	276	1404	0.04	ng	# 74
39) Dibenzo(a,h)anthracene	25.88	278	1427	0.06	ng	# 60
40) Benzo(a,h,i)perylene	26.56	276	891	0.03	ng	# 64

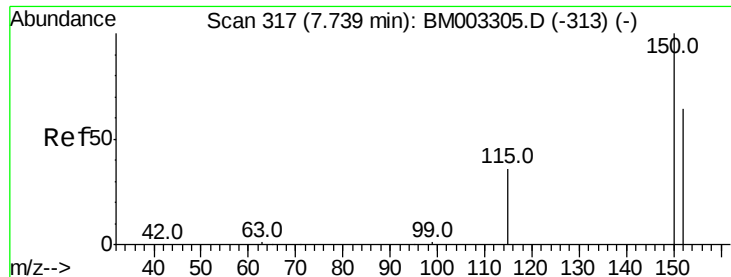
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.74 min Scan# 317

Delta R.T. -0.00 min

Lab File: BM003312.D

Acq: 27 Nov 2015 19:45

Instrument :

BNA_M

ClientSampleId :

PB86805BL

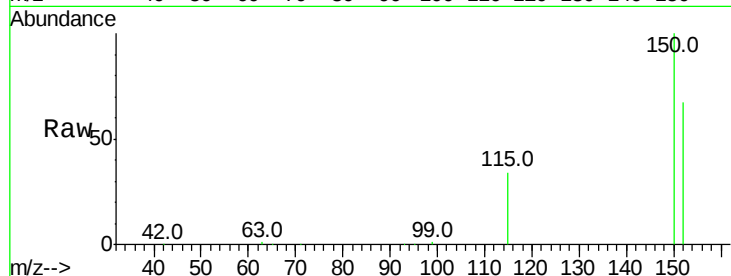
Tot Ion:152 Resp: 56910

Ion Ratio Lower Upper

152 100

150 149.9 143.6 215.4

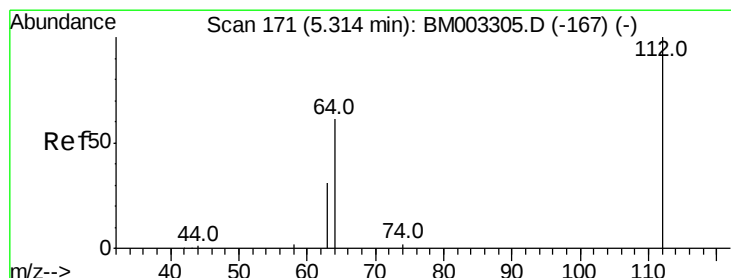
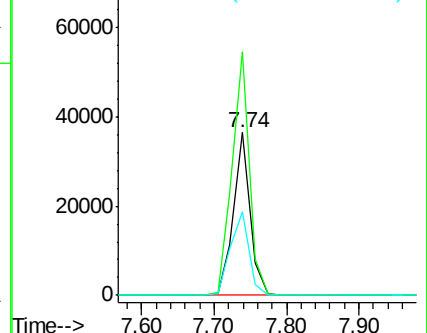
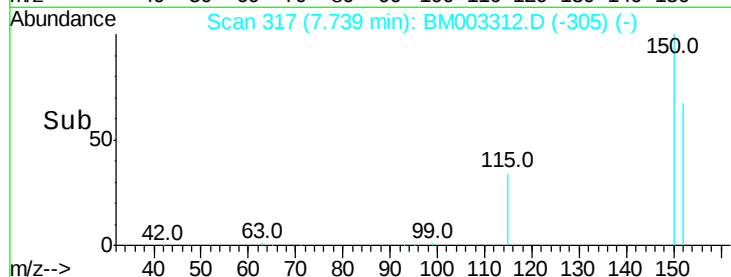
115 51.7 58.5 87.7#



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: 8.17 ng

RT: 5.31 min Scan# 171

Delta R.T. -0.00 min

Lab File: BM003312.D

Acq: 27 Nov 2015 19:45

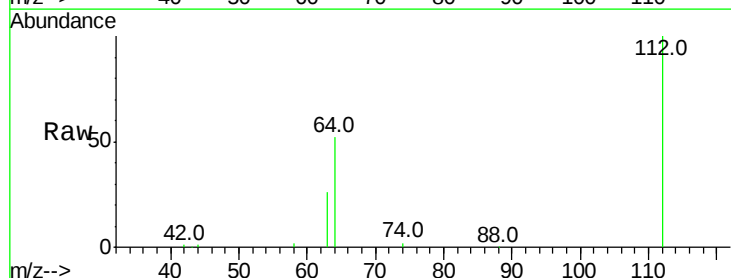
Tgt Ion:112 Resp: 91666

Ion Ratio Lower Upper

112 100

64 51.2 41.2 61.8

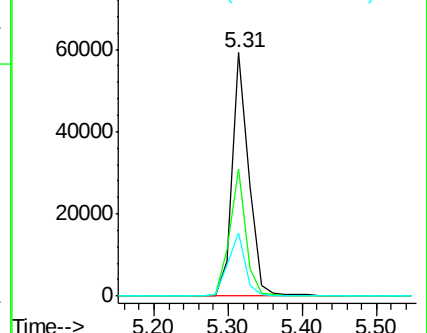
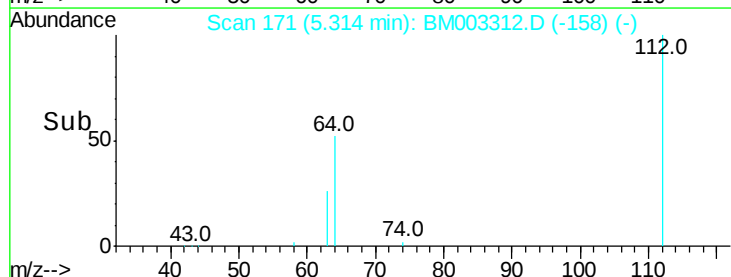
63 26.6 21.2 31.8

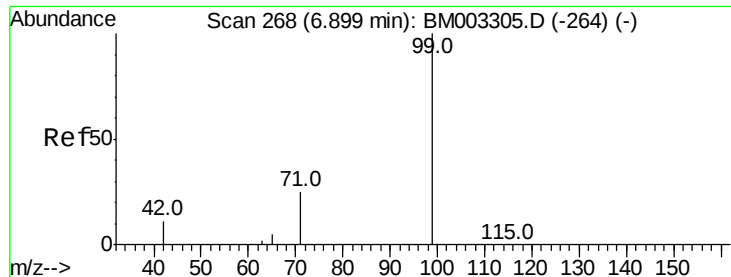


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 8.52 ng

RT: 6.90 min Scan# 268

Delta R.T. -0.00 min

Lab File: BM003312.D

Acq: 27 Nov 2015 19:45

Instrument :

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PB86805BL

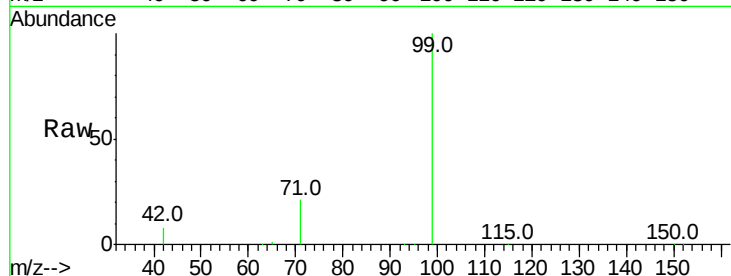
Tot Ion: 99 Resp: 109655

Ion Ratio Lower Upper

99 100

42 17.7 14.6 22.0

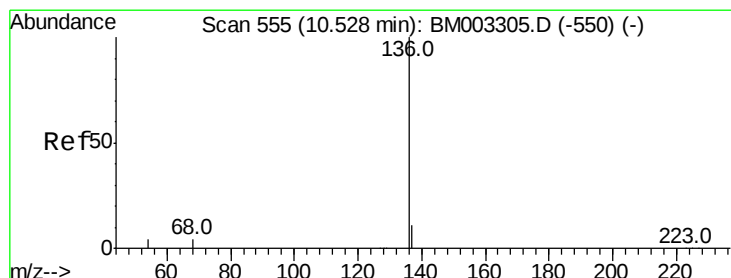
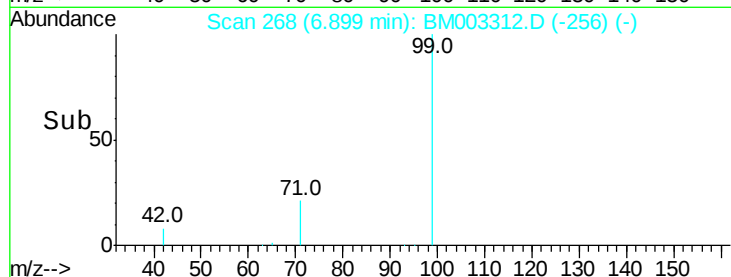
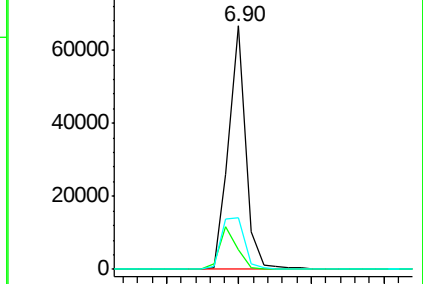
71 29.0 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003312.D (-256) (-)

Ion 42.00 (41.70 to 42.70): BM003312.D (-256) (-)

Ion 71.00 (70.70 to 71.70): BM003312.D (-256) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.53 min Scan# 555

Delta R.T. -0.00 min

Lab File: BM003312.D

Acq: 27 Nov 2015 19:45

Tgt Ion: 136 Resp: 218176

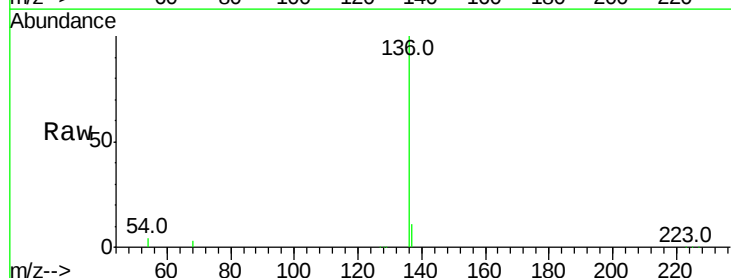
Ion Ratio Lower Upper

136 100

137 11.5 8.0 12.0

54 3.5 7.4 11.0#

68 3.3 5.8 8.6#

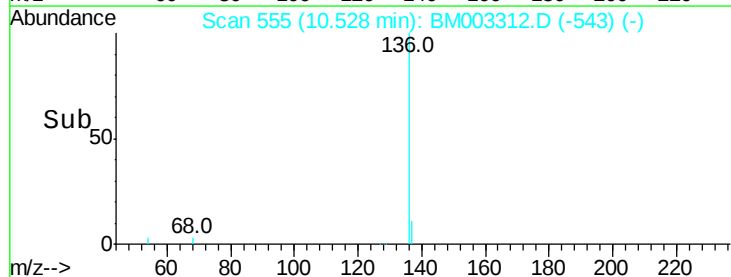
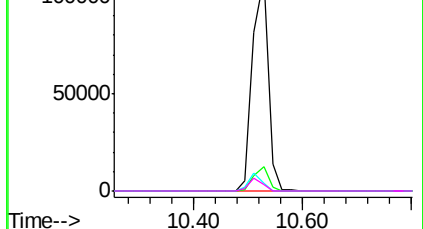


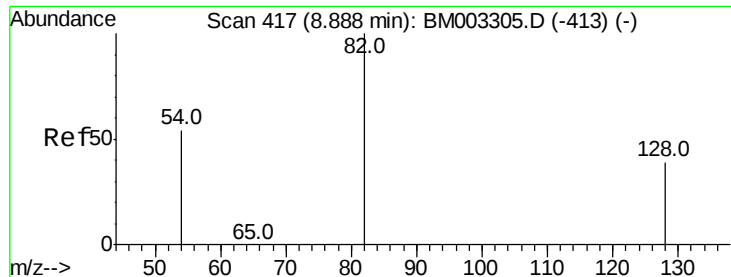
Abundance Ion 136.00 (135.70 to 136.70): BM003312.D (-543) (-)

Ion 137.00 (136.70 to 137.70): BM003312.D (-543) (-)

Ion 54.00 (53.70 to 54.70): BM003312.D (-543) (-)

Ion 68.00 (67.70 to 68.70): BM003312.D (-543) (-)





#8

Nitrobenzene-d5

Concen: 4.06 ng

RT: 8.89 min Scan# 417

Delta R.T. -0.00 min

Lab File: BM003312.D

Acq: 27 Nov 2015 19:45

Instrument :

BNA_M

ClientSampleId :

PB86805BL

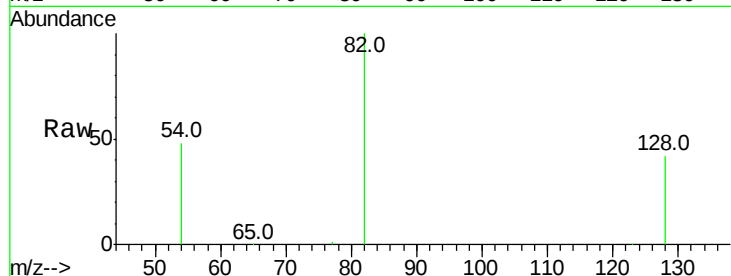
Tot Ion: 82 Resp: 39411

Ion Ratio Lower Upper

82 100

128 41.7 35.2 52.8

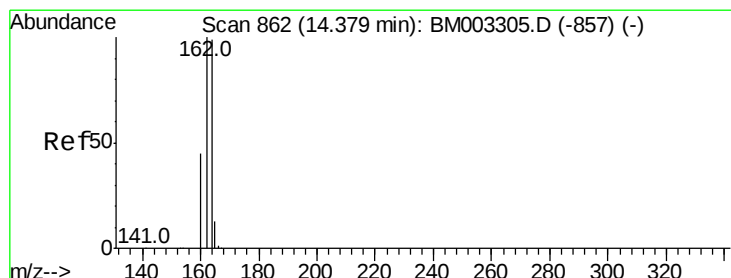
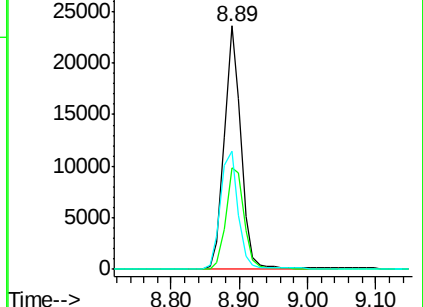
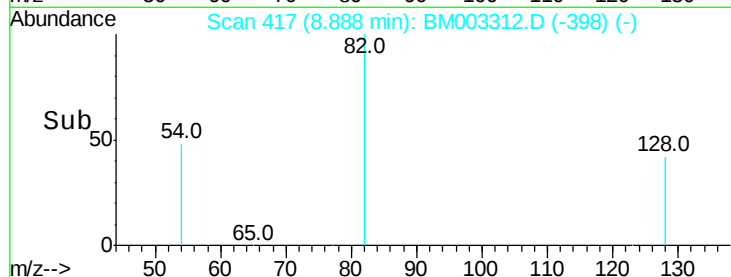
54 48.4 36.4 54.6



Abundance Ion 82.00 (81.70 to 82.70): BM003312.D (-398) (-)

Ion 128.00 (127.70 to 128.70): BM003312.D (-398) (-)

Ion 54.00 (53.70 to 54.70): BM003312.D (-398) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.37 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM003312.D

Acq: 27 Nov 2015 19:45

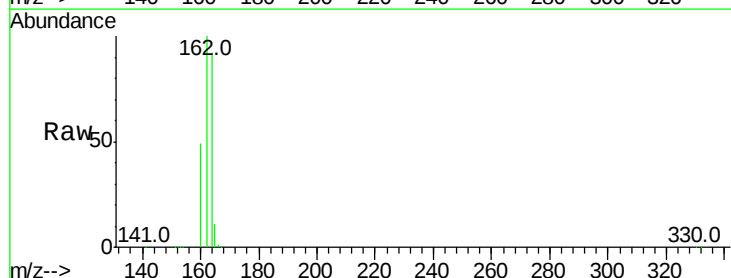
Tgt Ion: 164 Resp: 95868

Ion Ratio Lower Upper

164 100

162 109.3 78.3 117.5

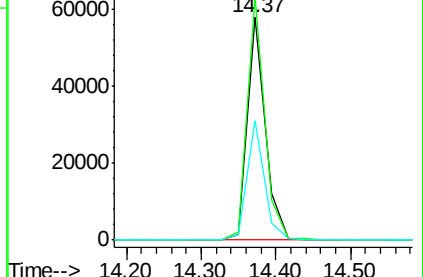
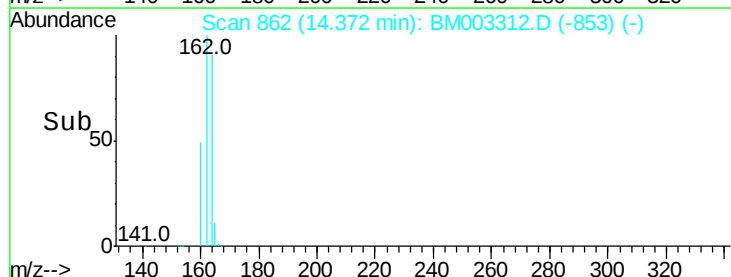
160 53.9 33.8 50.6#

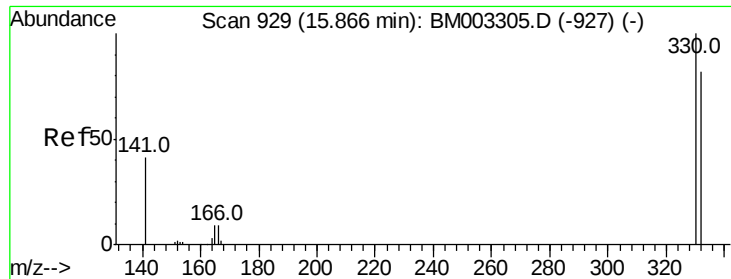


Abundance Ion 164.00 (163.70 to 164.70): BM003312.D (-853) (-)

Ion 162.00 (161.70 to 162.70): BM003312.D (-853) (-)

Ion 160.00 (159.70 to 160.70): BM003312.D (-853) (-)

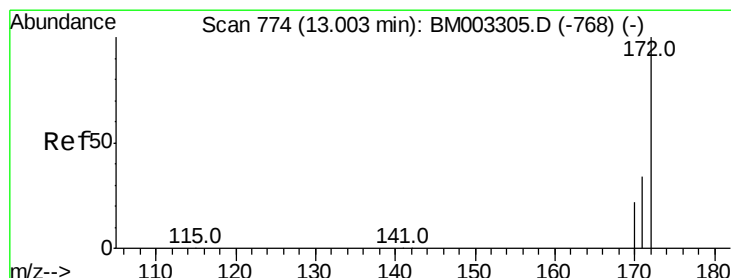
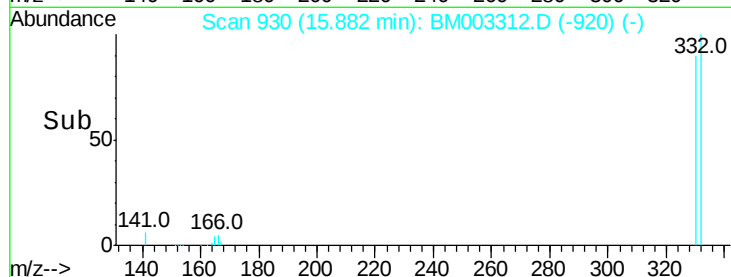
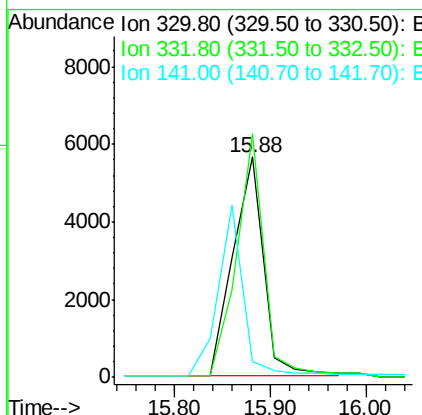
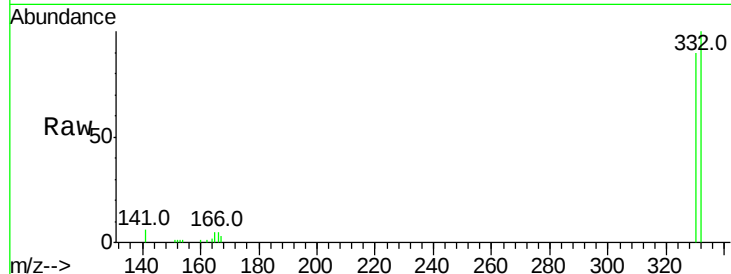




#14
 2,4,6-Tribromophenol
 Concen: 5.72 ng
 RT: 15.88 min Scan# 930
 Delta R.T. 0.02 min
 Lab File: BM003312.D
 Acq: 27 Nov 2015 19:45

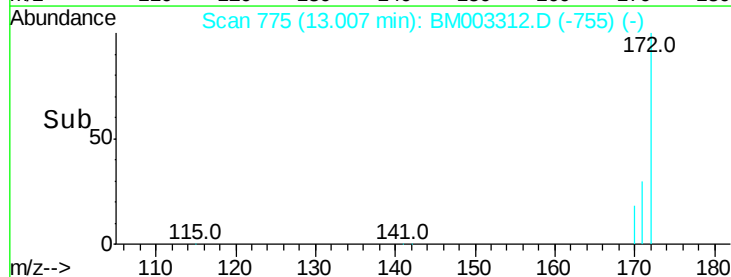
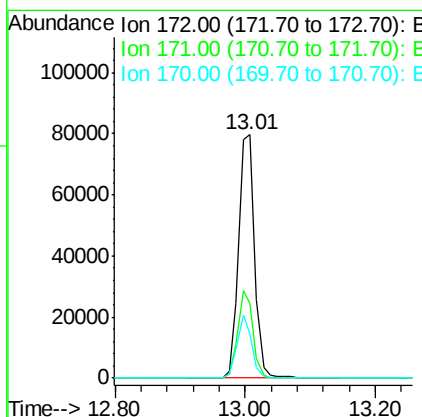
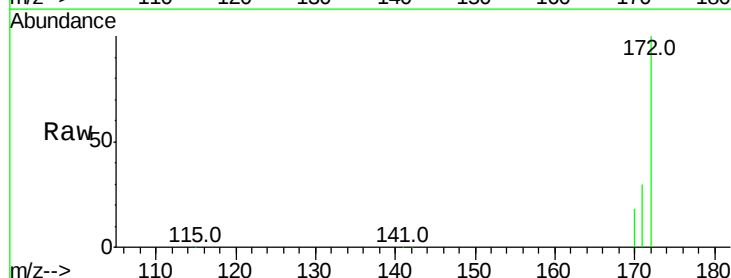
Instrument :
 BNA_M
 ClientSampleId :
 PB86805BL

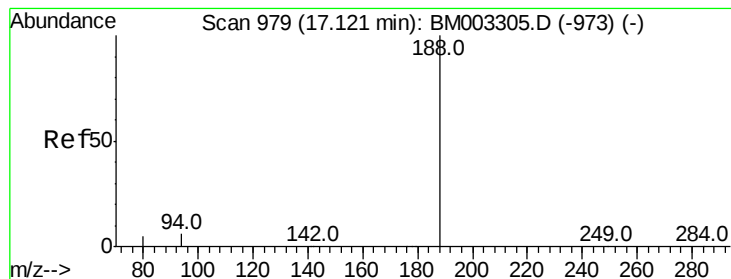
Tot Ion:330 Resp: 12593
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.0 114.0
 141 0.0 0.0 0.0



#15
 2-Fluorobiphenyl
 Concen: 4.38 ng
 RT: 13.01 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BM003312.D
 Acq: 27 Nov 2015 19:45

Tgt Ion:172 Resp: 135553
 Ion Ratio Lower Upper
 172 100
 171 30.5 28.0 42.0
 170 18.2 18.9 28.3#





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.11 min Scan# 979

Delta R.T. -0.01 min

Lab File: BM003312.D

Acq: 27 Nov 2015 19:45

Instrument :

BNA_M

ClientSampleId :

PB86805BL

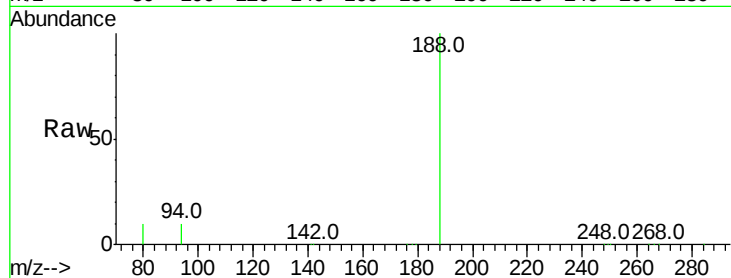
Tot Ion:188 Resp: 196581

Ion Ratio Lower Upper

188 100

94 10.4 1.8 2.6#

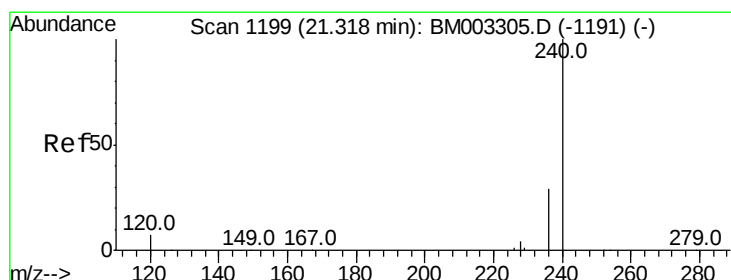
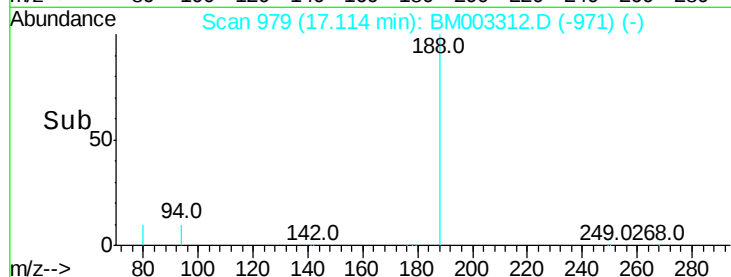
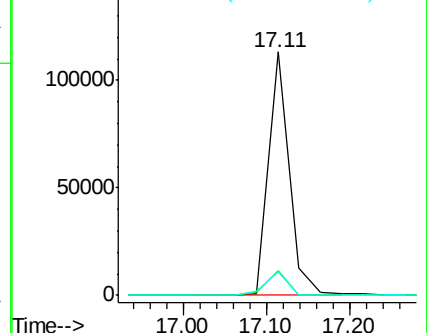
80 9.8 1.4 2.0#



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.33 min Scan# 1200

Delta R.T. 0.01 min

Lab File: BM003312.D

Acq: 27 Nov 2015 19:45

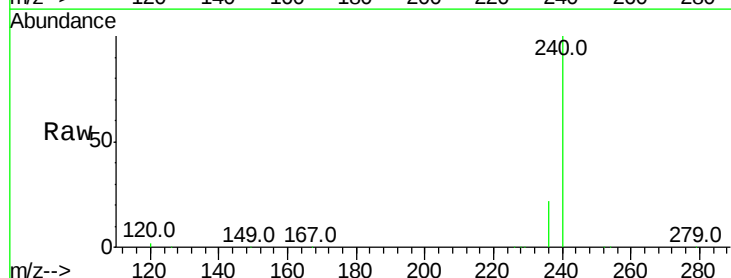
Tgt Ion:240 Resp: 136203

Ion Ratio Lower Upper

240 100

120 1.5 1.0 1.4#

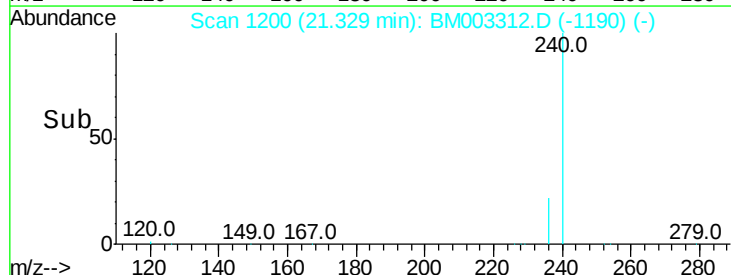
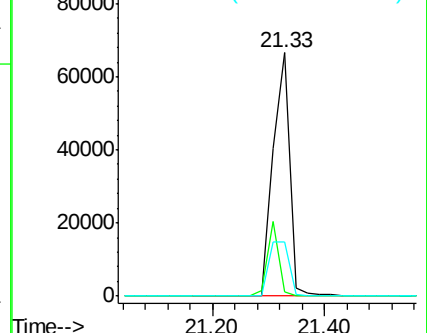
236 22.4 17.9 26.9

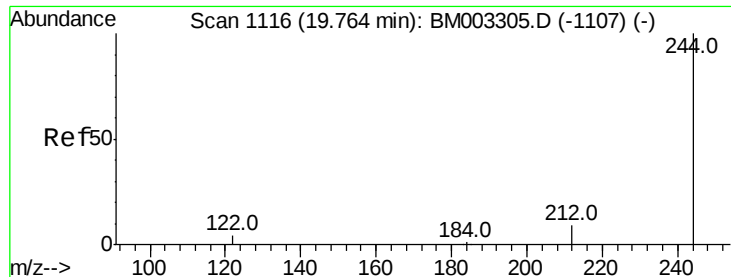


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 4.48 ng

RT: 19.76 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM003312.D

Acq: 27 Nov 2015 19:45

Instrument :

BNA_M

ClientSampleId :

PB86805BL

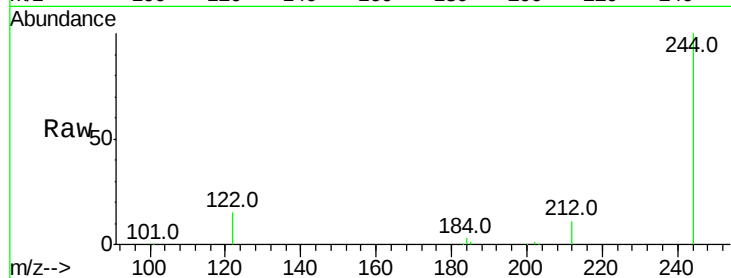
Tot Ion:244 Resp: 84998

Ion Ratio Lower Upper

244 100

212 11.0 6.5 9.7#

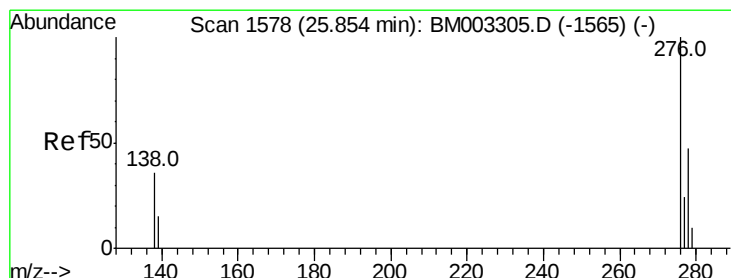
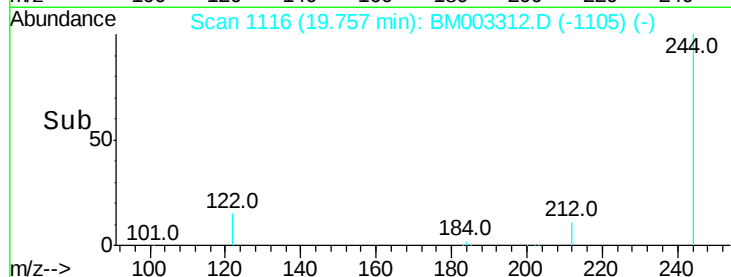
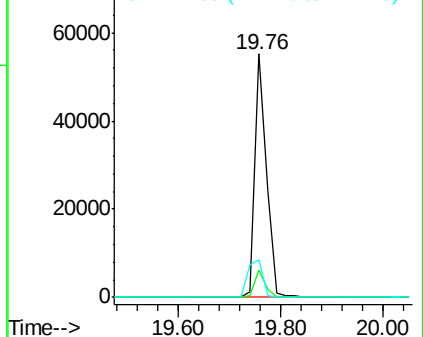
122 15.3 2.0 3.0#



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

Indeno(1,2,3-cd)pyrene

Concen: 0.04 ng

RT: 25.86 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BM003312.D

Acq: 27 Nov 2015 19:45

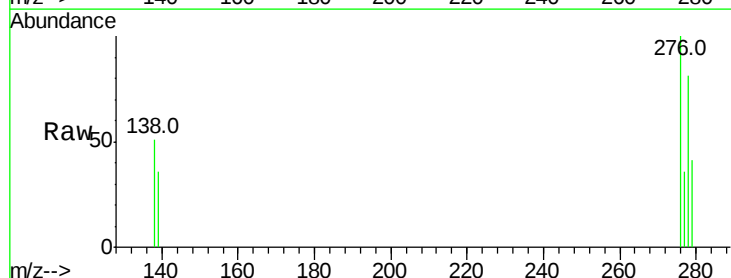
Tgt Ion:276 Resp: 1404

Ion Ratio Lower Upper

276 100

138 42.2 19.1 28.7#

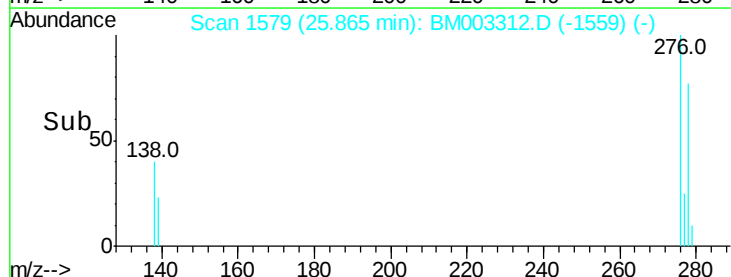
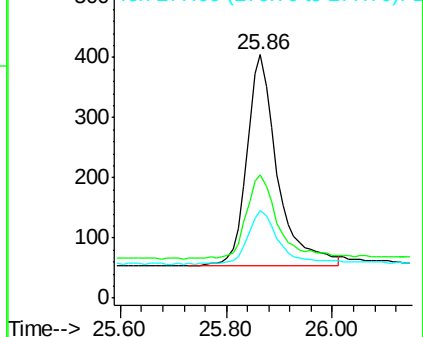
277 25.6 15.9 23.9#

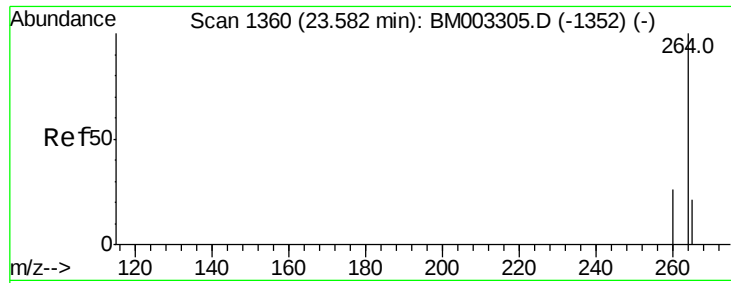


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

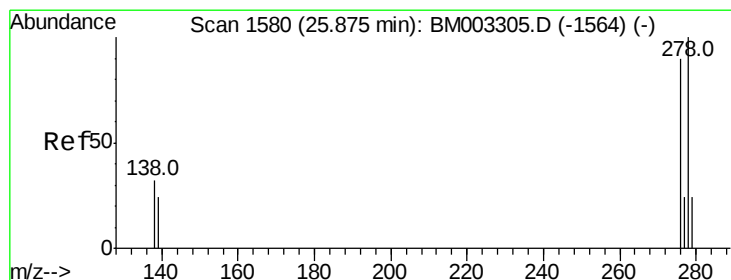
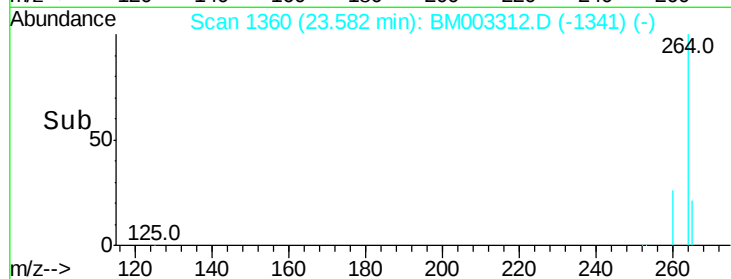
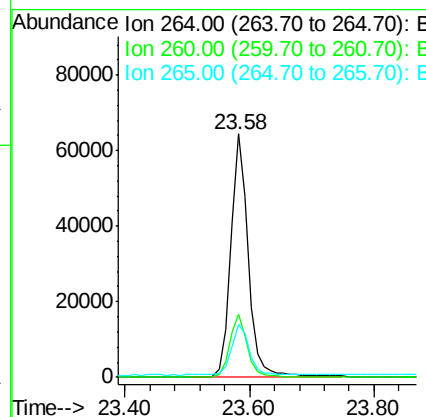
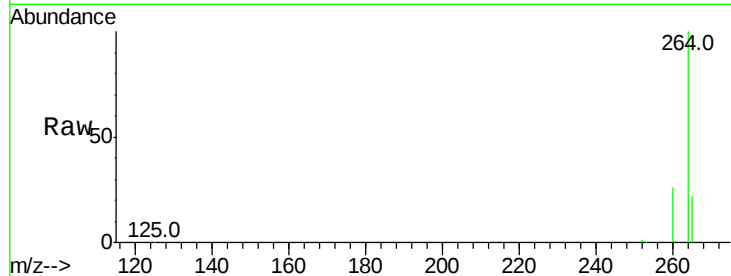




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.58 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BM003312.D
 Acq: 27 Nov 2015 19:45

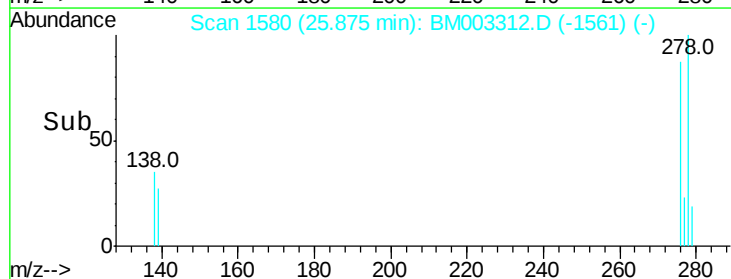
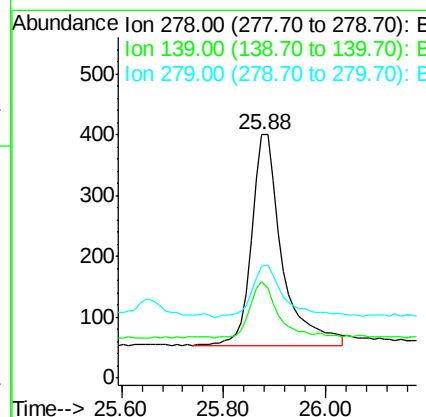
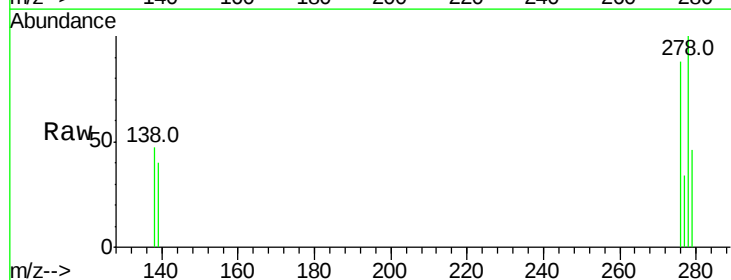
Instrument :
 BNA_M
 ClientSampleId :
 PB86805BL

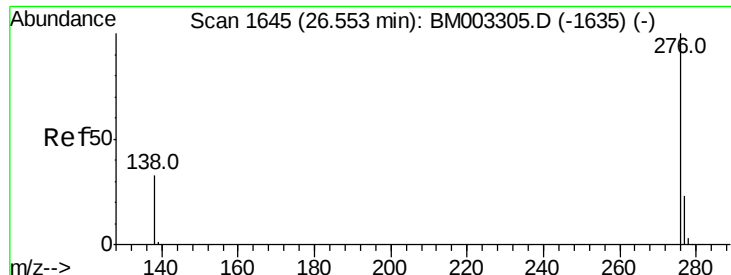
Tot Ion:264 Resp: 126905
 Ion Ratio Lower Upper
 264 100
 260 25.9 19.6 29.4
 265 21.6 18.4 27.6



#39
 Dibenzo(a,h)anthracene
 Concen: 0.06 ng
 RT: 25.88 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BM003312.D
 Acq: 27 Nov 2015 19:45

Tgt Ion:278 Resp: 1427
 Ion Ratio Lower Upper
 278 100
 139 39.5 18.2 27.4#
 279 45.7 18.8 28.2#





#40

Benzo(a,h,i)perylene

Concen: 0.03 ng

RT: 26.56 min Scan# 1646

Delta R.T. 0.01 min

Lab File: BM003312.D

Acq: 27 Nov 2015 19:45

Instrument :

BNA_M

ClientSampleId :

PB86805BL

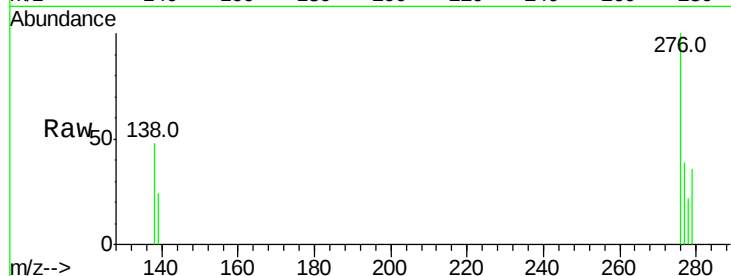
Tot Ion: 276 Resp: 891

Ion Ratio Lower Upper

276 100

277 39.4 19.0 28.6#

138 48.4 22.3 33.5#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

