

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050415\
 Data File : BM001190.D
 Acq On : 04 May 2015 19:01
 Operator : TP/IZ
 Sample : PB83178BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83178BL

Quant Time: May 05 04:03:08 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 03:49:45 2015
 Response via : Initial Calibration

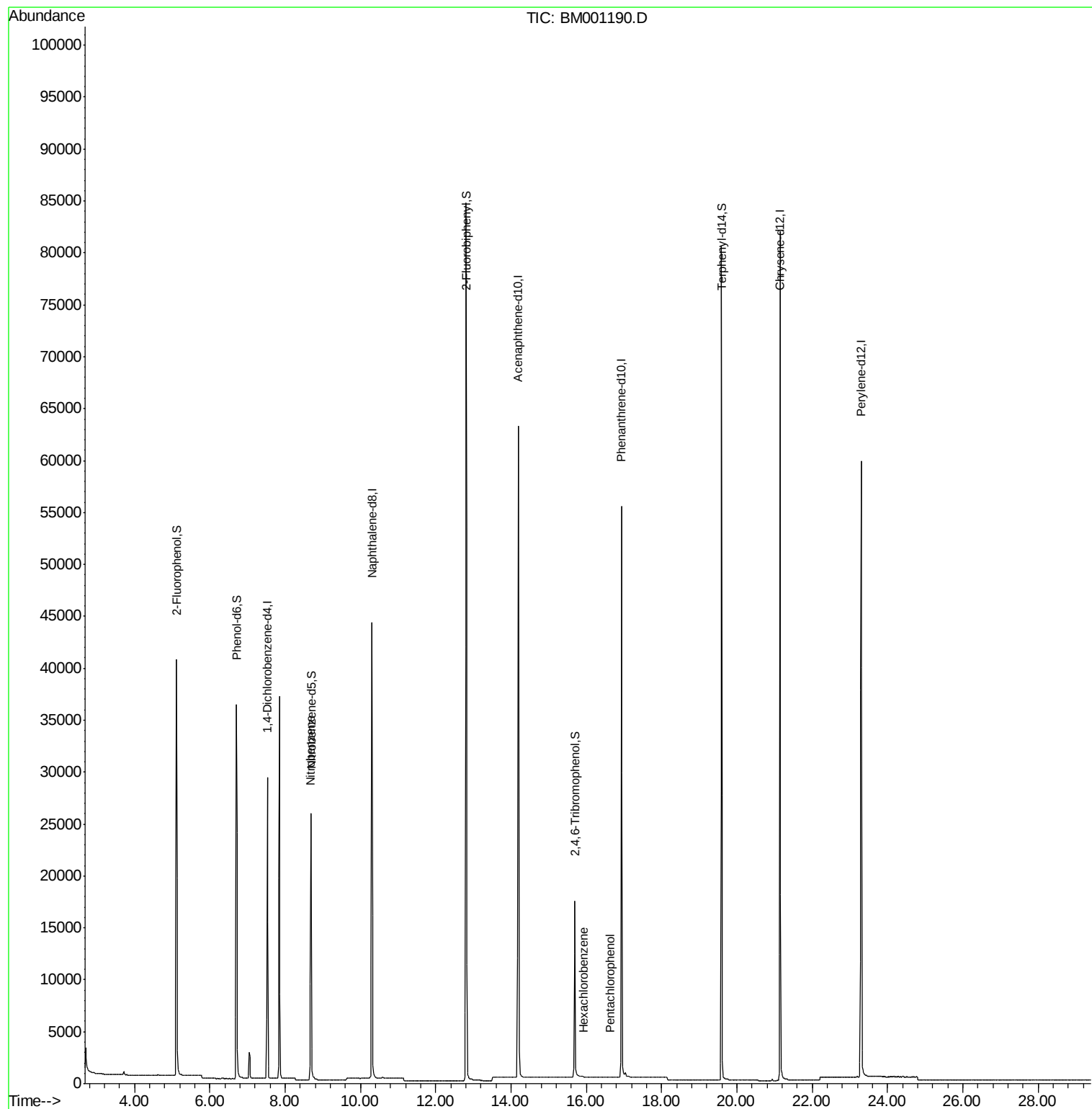
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	14766	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	58978	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	38756	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	86422	5.00	ng	0.00
24) Chrysene-d12	21.15	240	81732	5.00	ng	0.00
30) Perylene-d12	23.30	264	71530	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	31672	11.03	ng	0.00
5) Phenol-d6	6.71	99	40912	11.56	ng	0.00
7) Nitrobenzene-d5	8.69	82	24193	7.24	ng	0.00
13) 2,4,6-Tribromophenol	15.70	330	16353	8.63	ng	0.02
14) 2-Fluorobiphenyl	12.81	172	80568	6.29	ng	0.00
26) Terphenyl-d14	19.59	244	79446	7.05	ng	0.00
Target Compounds						
8) Nitrobenzene	8.68	77	92	0.17	ng	# 35
19) Hexachlorobenzene	15.92	284	243	0.05	ng	# 1
20) Pentachlorophenol	16.64	266	10	0.38	ng	# 59

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.52 min Scan# 314

Delta R.T. -0.00 min

Lab File: BM001190.D

Acq: 04 May 2015 19:01

Instrument :

BNA_M

ClientSampleId :

PB83178BL

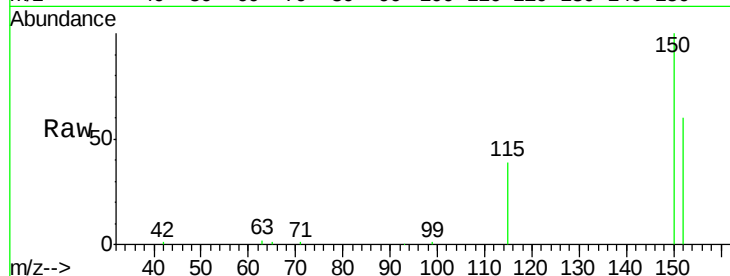
Tgt Ion:152 Resp: 14766

Ion Ratio Lower Upper

152 100

150 165.7 140.1 210.1

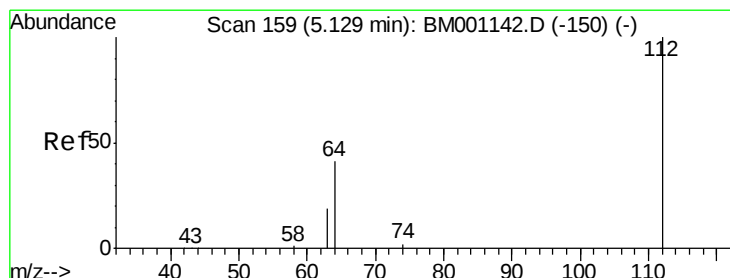
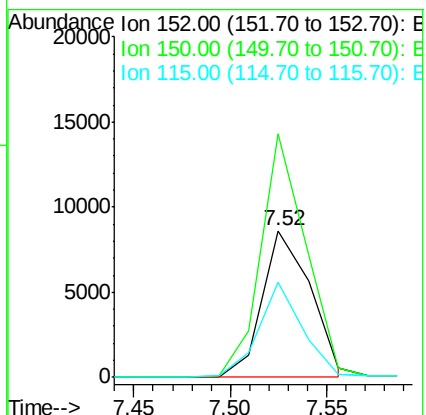
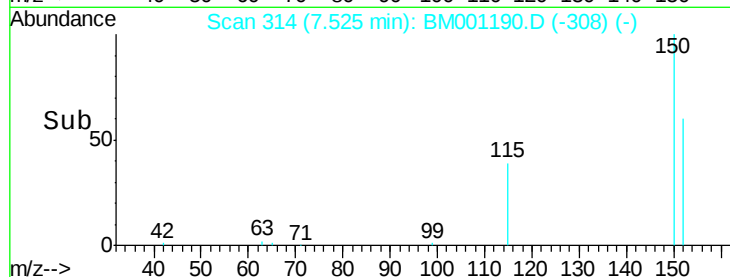
115 65.0 57.8 86.6



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: 11.03 ng

RT: 5.11 min Scan# 158

Delta R.T. -0.00 min

Lab File: BM001190.D

Acq: 04 May 2015 19:01

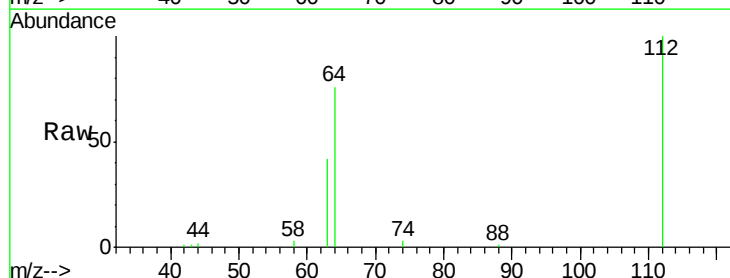
Tgt Ion:112 Resp: 31672

Ion Ratio Lower Upper

112 100

64 64.5 52.6 79.0

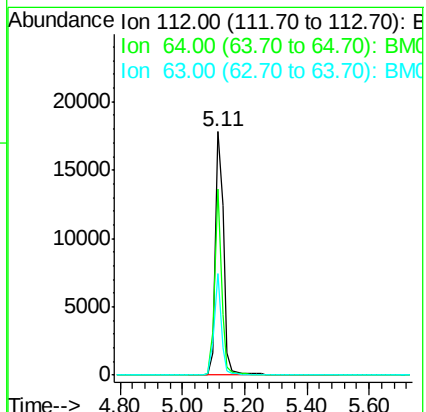
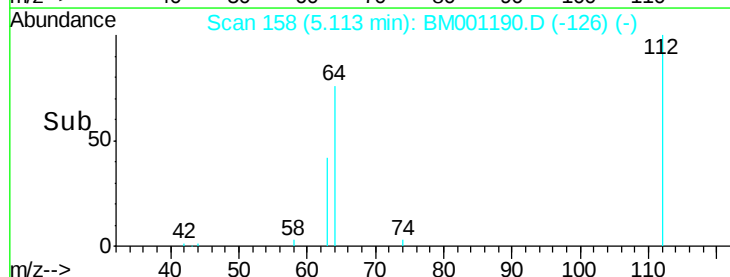
63 35.6 29.5 44.3

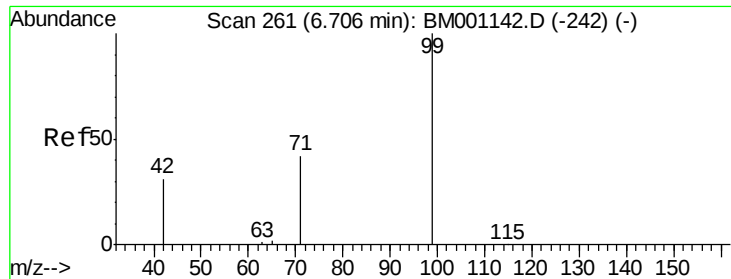


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 11.56 ng

RT: 6.71 min Scan# 261

Delta R.T. -0.00 min

Lab File: BM001190.D

Acq: 04 May 2015 19:01

Instrument :

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PB83178BL

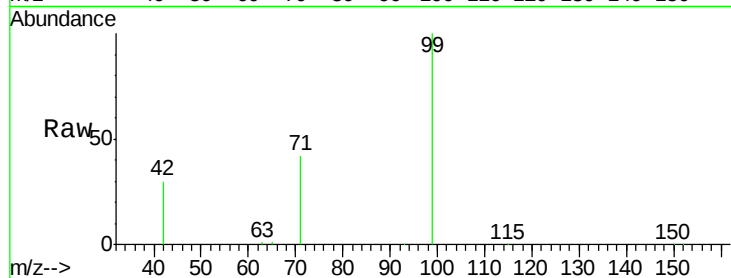
Tgt Ion: 99 Resp: 40912

Ion Ratio Lower Upper

99 100

42 24.3 20.9 31.3

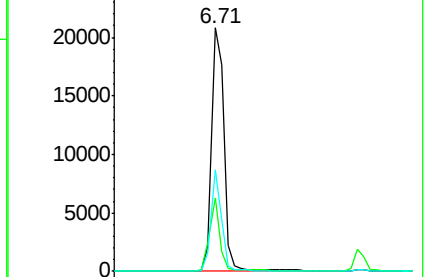
71 35.2 28.5 42.7



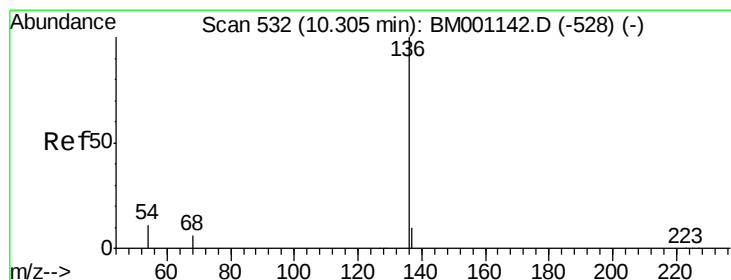
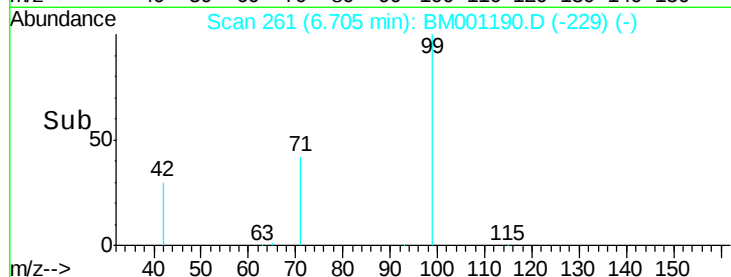
Abundance Ion 99.00 (98.70 to 99.70): BM001142.D (-242) (-)

Ion 42.00 (41.70 to 42.70): BM001142.D (-242) (-)

Ion 71.00 (70.70 to 71.70): BM001142.D (-242) (-)



Time-->



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 532

Delta R.T. -0.00 min

Lab File: BM001190.D

Acq: 04 May 2015 19:01

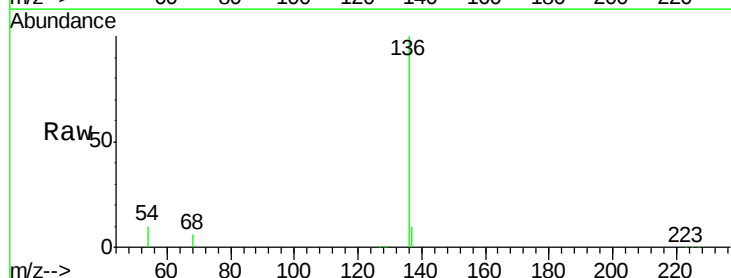
Tgt Ion: 136 Resp: 58978

Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.4

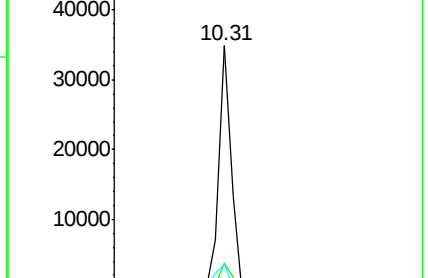
54 10.0 9.0 13.4



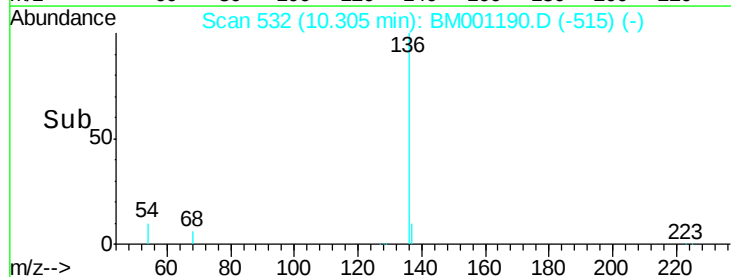
Abundance Ion 136.00 (135.70 to 136.70): BM001142.D (-528) (-)

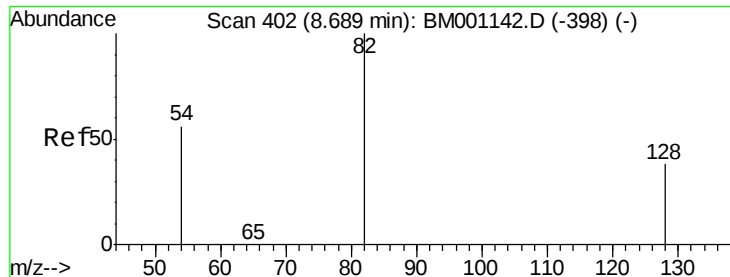
Ion 137.00 (136.70 to 137.70): BM001142.D (-528) (-)

Ion 54.00 (53.70 to 54.70): BM001142.D (-528) (-)



Time-->





#7

Nitrobenzene-d5

Concen: 7.24 ng

RT: 8.69 min Scan# 402

Delta R.T. -0.00 min

Lab File: BM001190.D

Acq: 04 May 2015 19:01

Instrument :

BNA_M

ClientSampleId :

PB83178BL

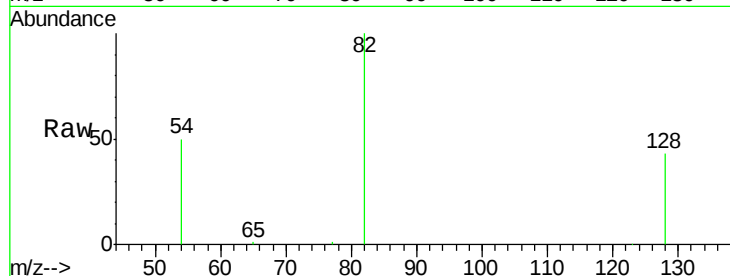
Tgt Ion: 82 Resp: 24193

Ion Ratio Lower Upper

82 100

128 42.9 31.9 47.9

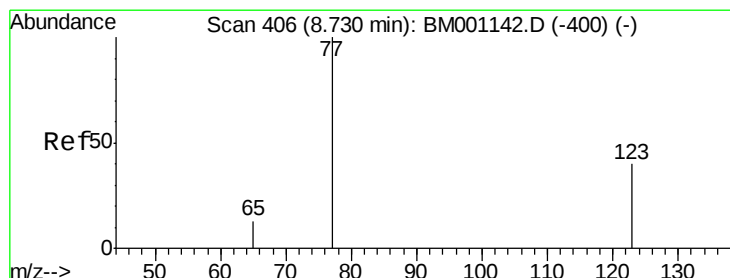
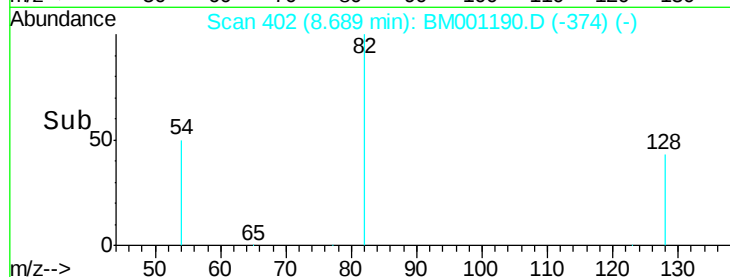
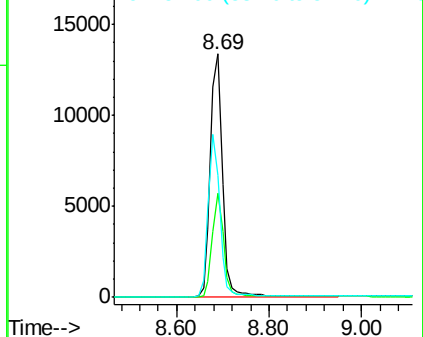
54 50.0 46.2 69.2



Abundance Ion 82.00 (81.70 to 82.70): BM001142.D (-398) (-)

Ion 128.00 (127.70 to 128.70): BM001142.D (-398) (-)

Ion 54.00 (53.70 to 54.70): BM001142.D (-398) (-)



#8

Nitrobenzene

Concen: 0.17 ng

RT: 8.68 min Scan# 401

Delta R.T. -0.04 min

Lab File: BM001190.D

Acq: 04 May 2015 19:01

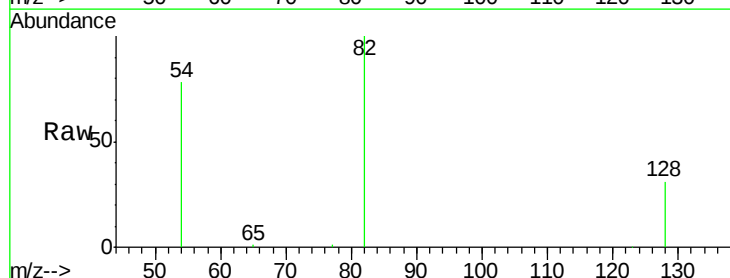
Tgt Ion: 77 Resp: 92

Ion Ratio Lower Upper

77 100

123 0.0 31.0 46.6#

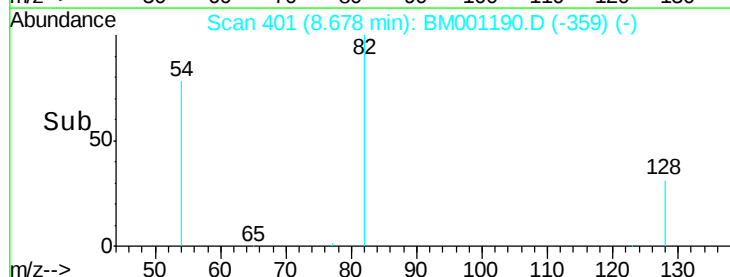
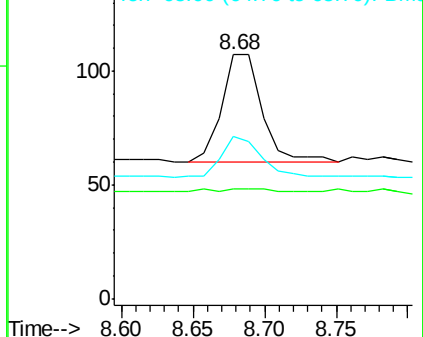
65 40.2 10.6 15.8#

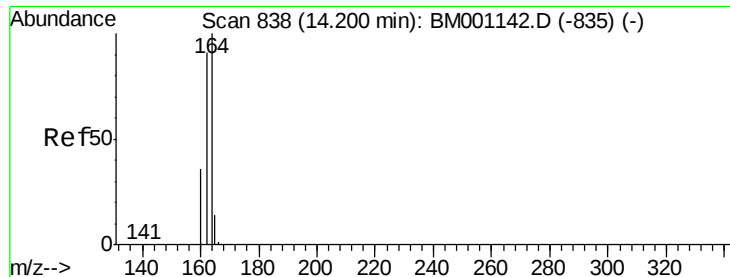


Abundance Ion 77.00 (76.70 to 77.70): BM001142.D (-400) (-)

Ion 123.00 (122.70 to 123.70): BM001142.D (-400) (-)

Ion 65.00 (64.70 to 65.70): BM001142.D (-400) (-)





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM001190.D

Acq: 04 May 2015 19:01

Instrument :

BNA_M

ClientSampleId :

PB83178BL

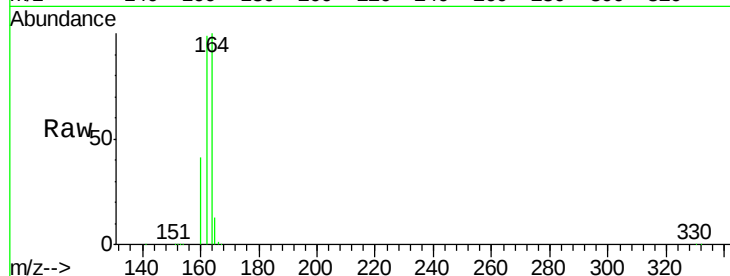
Tgt Ion:164 Resp: 38756

Ion Ratio Lower Upper

164 100

162 98.6 72.7 109.1

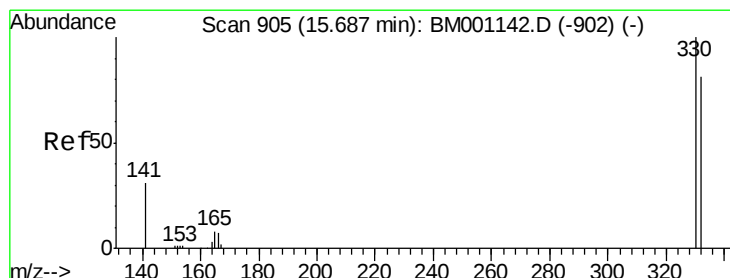
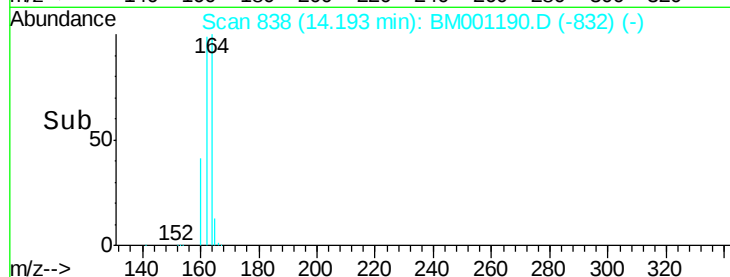
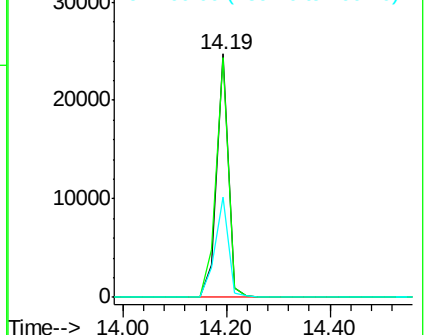
160 41.2 28.7 43.1



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



#13

2,4,6-Tribromophenol

Concen: 8.63 ng

RT: 15.70 min Scan# 906

Delta R.T. 0.02 min

Lab File: BM001190.D

Acq: 04 May 2015 19:01

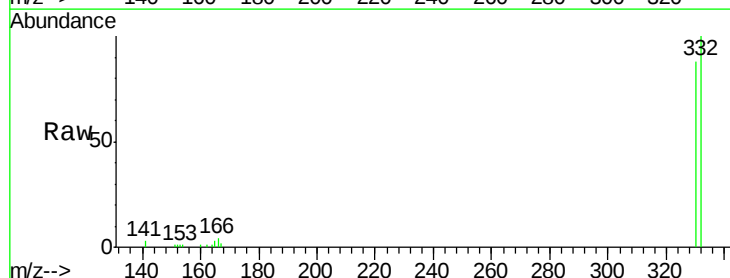
Tgt Ion:330 Resp: 16353

Ion Ratio Lower Upper

330 100

332 100.2 74.5 111.7

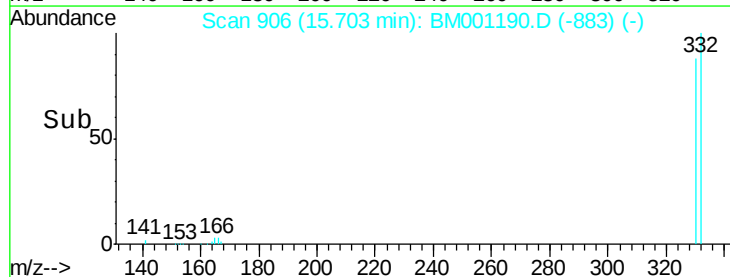
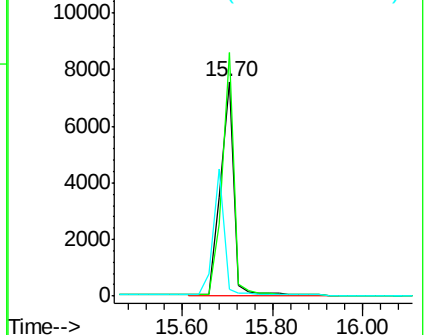
141 0.0 21.0 31.4#

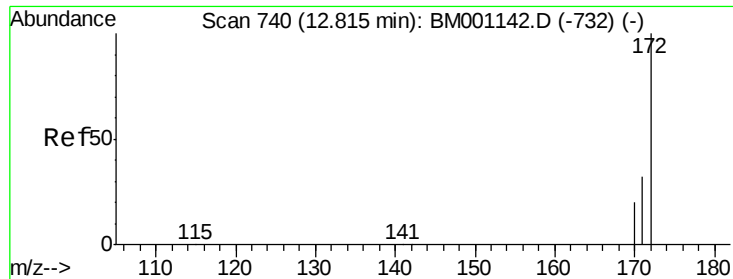


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

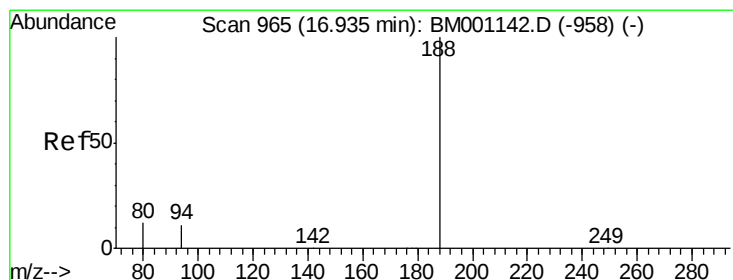
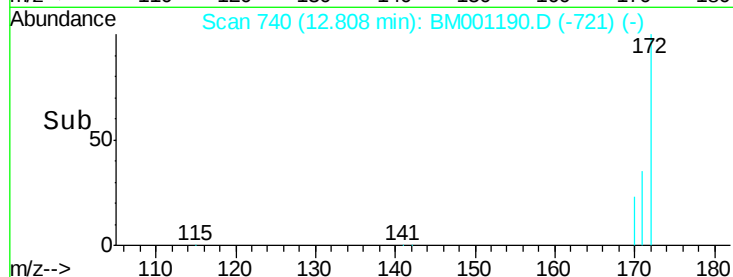
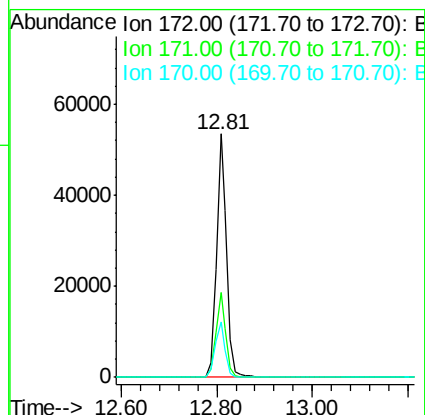
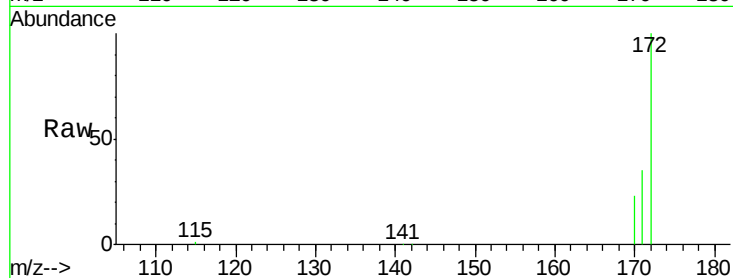




#14
2-Fluorobiphenyl
Concen: 6.29 ng
RT: 12.81 min Scan# 740
Delta R.T. 0.00 min
Lab File: BM001190.D
Acq: 04 May 2015 19:01

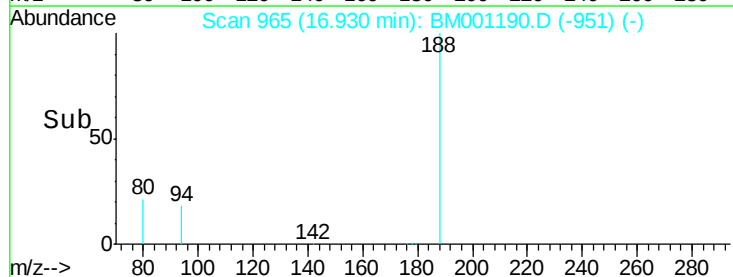
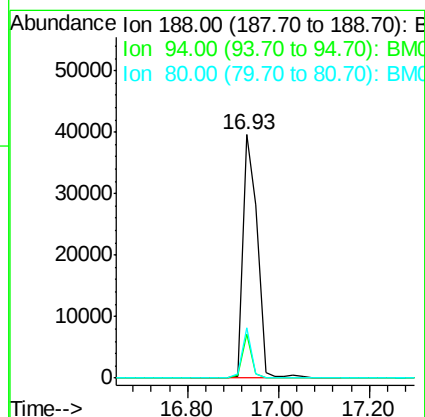
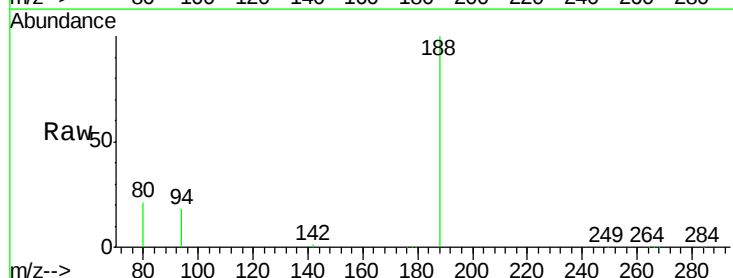
Instrument :
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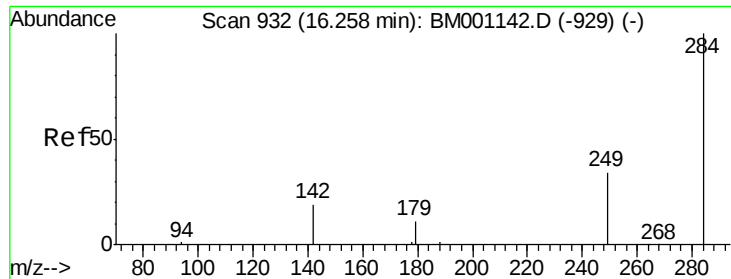
Tgt Ion:172 Resp: 80568
Ion Ratio Lower Upper
172 100
171 34.8 25.8 38.6
170 23.0 16.1 24.1



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.93 min Scan# 965
Delta R.T. -0.01 min
Lab File: BM001190.D
Acq: 04 May 2015 19:01

Tgt Ion:188 Resp: 86422
Ion Ratio Lower Upper
188 100
94 18.0 9.3 13.9#
80 20.7 9.8 14.6#

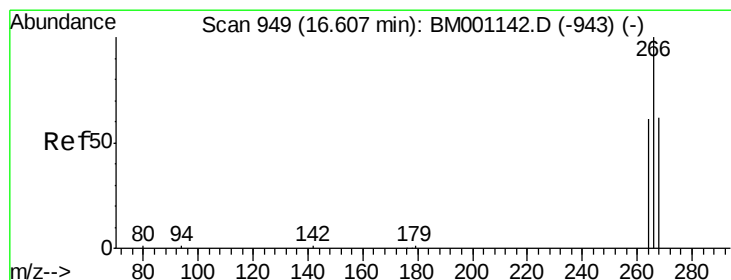
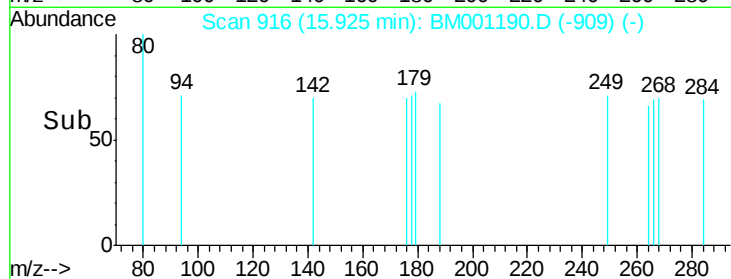
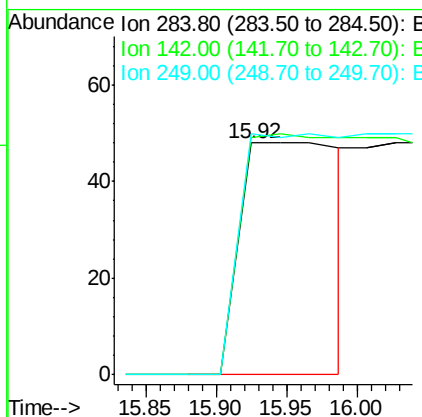
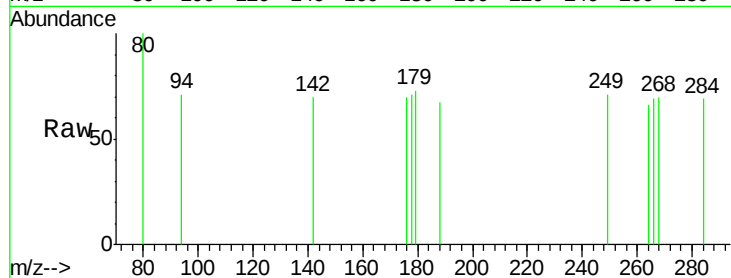




#19
Hexachlorobenzene
Concen: 0.05 ng
RT: 15.92 min Scan# 916
Delta R.T. -0.33 min
Lab File: BM001190.D
Acq: 04 May 2015 19:01

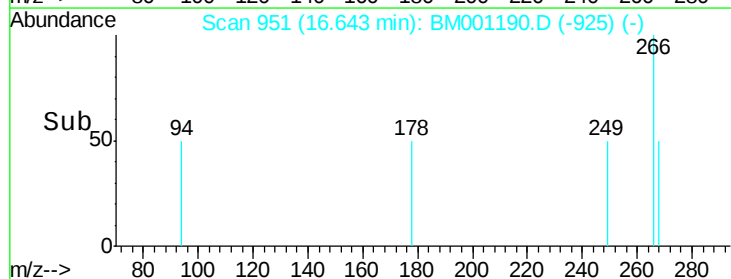
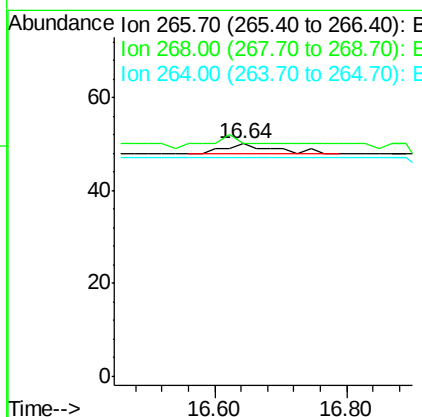
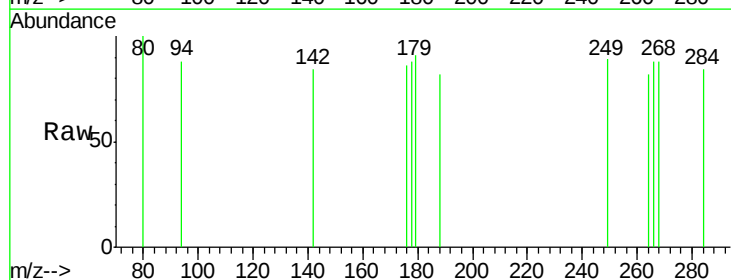
Instrument :
BNA_M
ClientSampleId :
PB83178BL

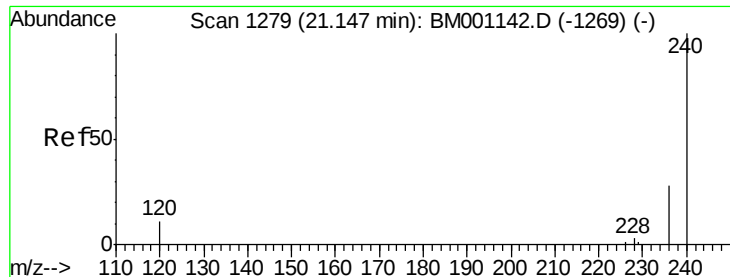
Tgt Ion: 284 Resp: 243
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 281.1 26.5 39.7#



#20
Pentachlorophenol
Concen: 0.38 ng
RT: 16.64 min Scan# 951
Delta R.T. 0.04 min
Lab File: BM001190.D
Acq: 04 May 2015 19:01

Tgt Ion: 266 Resp: 10
Ion Ratio Lower Upper
266 100
268 100.0 52.6 79.0#
264 94.0 51.0 76.4#





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.15 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BM001190.D

Acq: 04 May 2015 19:01

Instrument :

BNA_M

ClientSampleId :

PB83178BL

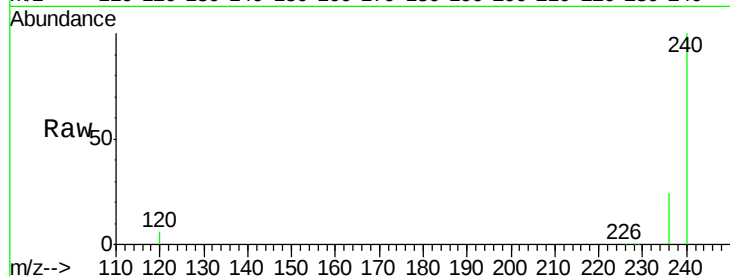
Tgt Ion:240 Resp: 81732

Ion Ratio Lower Upper

240 100

120 5.7 9.2 13.8#

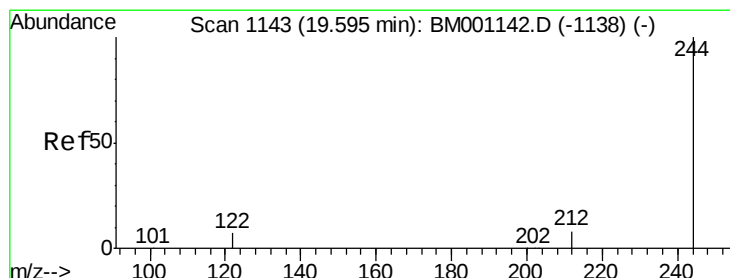
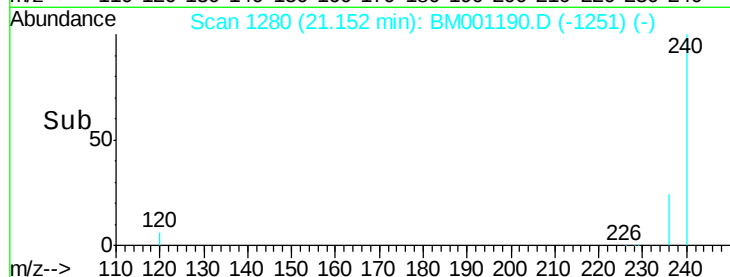
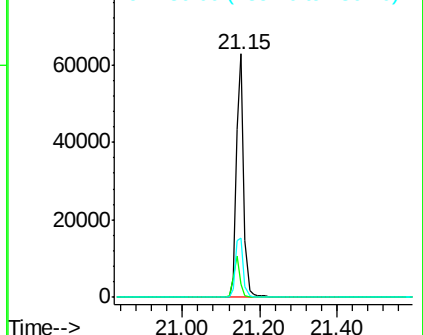
236 24.4 22.4 33.6



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



#26

Terphenyl-d14

Concen: 7.05 ng

RT: 19.59 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BM001190.D

Acq: 04 May 2015 19:01

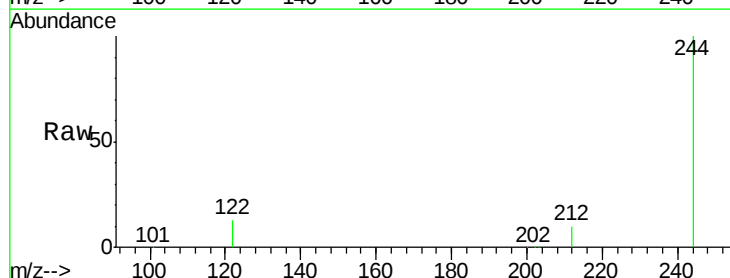
Tgt Ion:244 Resp: 79446

Ion Ratio Lower Upper

244 100

212 9.8 7.1 10.7

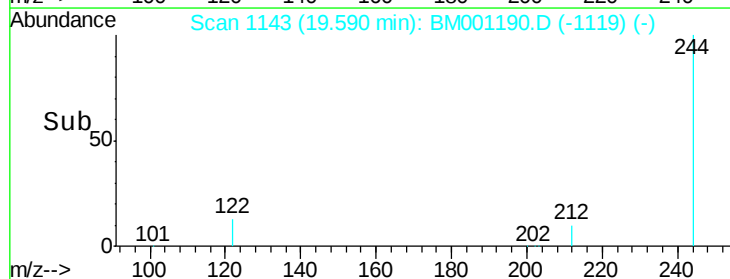
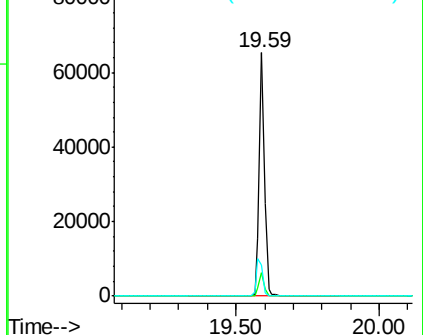
122 12.7 6.2 9.4#

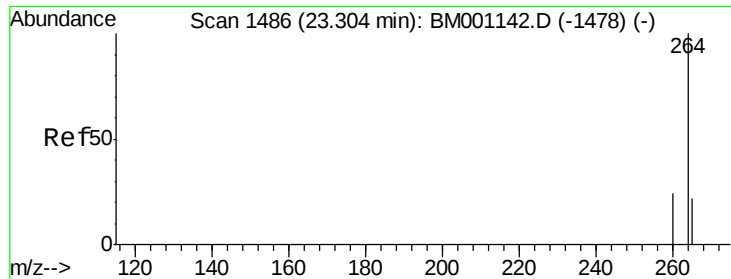


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Perylene-d12

Concen: 5.00 ng

RT: 23.30 min Scan# 1486

Delta R.T. 0.01 min

Lab File: BM001190.D

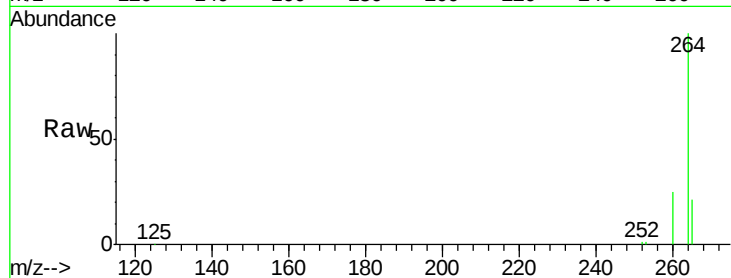
Acq: 04 May 2015 19:01

Instrument :

BNA_M

ClientSampleId :

PB83178BL



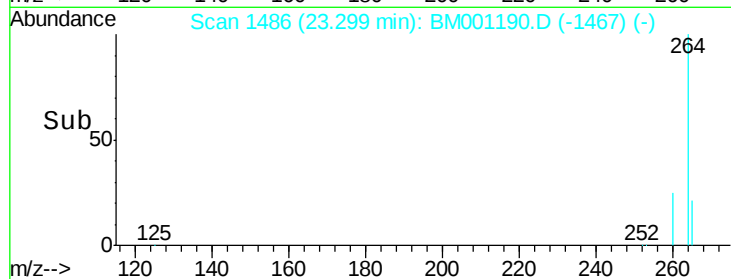
Tgt Ion: 264 Resp: 71530

Ion Ratio Lower Upper

264 100

260 25.1 18.9 28.3

265 21.1 18.1 27.1



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

