

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061915\
 Data File : BM001760.D
 Acq On : 19 Jun 2015 13:56
 Operator : TP/IZ
 Sample : G2648-01RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GW-2RE

Quant Time: Jun 19 15:07:41 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 05:05:14 2015
 Response via : Initial Calibration

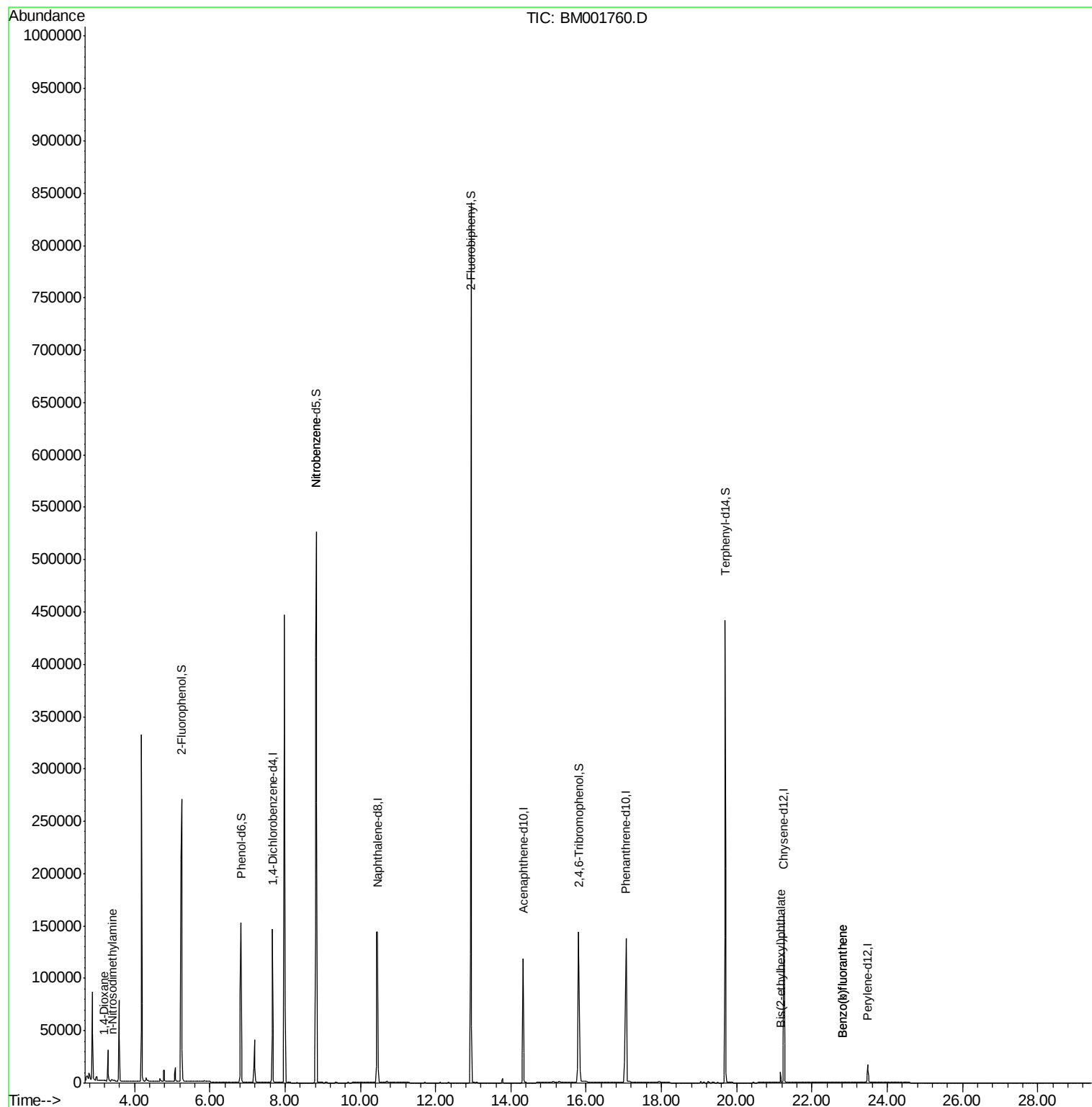
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	69445	5.00	ng	0.00
6) Naphthalene-d8	10.46	136	249321	5.00	ng	0.00
12) Acenaphthene-d10	14.32	164	75234	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	275941	5.00	ng	0.00
25) Chrysene-d12	21.25	240	148541	5.00	ng	0.00
32) Perylene-d12	23.48	264	17726	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	229000	14.11	ng	0.00
5) Phenol-d6	6.83	99	154787	7.41	ng	0.00
7) Nitrobenzene-d5	8.83	82	438783	22.55	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	119847	51.01	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	783153	29.13	ng	0.00
27) Terphenyl-d14	19.70	244	430209	19.65	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.18	88	585	0.07	ng	# 68
3) n-Nitrosodimethylamine	3.40	42	464	0.04	ng	# 18
8) Nitrobenzene	8.83	77	1545	0.07	ng	# 39
30) Bis(2-ethylhexyl)phthalate	21.16	149	9594	0.37	ng	99
33) Benzo(b)fluoranthene	22.80	252	186	0.03	ng	# 1
34) Benzo(k)fluoranthene	22.80	252	186	0.04	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061915\
Data File : BM001760.D
Acq On : 19 Jun 2015 13:56
Operator : TP/IZ
Sample : G2648-01RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GW-2RE

Quant Time: Jun 19 15:07:41 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 05:05:14 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.66 min Scan# 323

Delta R.T. 0.00 min

Lab File: BM001760.D

Acq: 19 Jun 2015 13:56

Instrument :

BNA_M

ClientSampleId :

GW-2RE

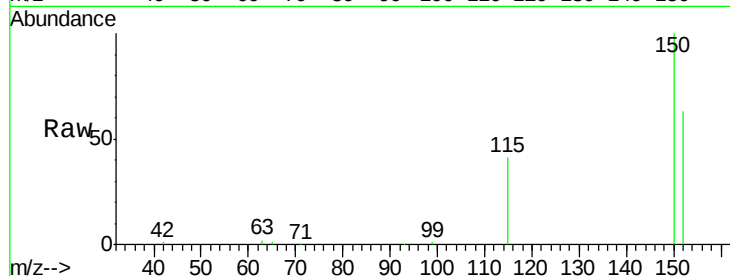
Tgt Ion: 152 Resp: 69445

Ion Ratio Lower Upper

152 100

150 159.3 127.5 191.3

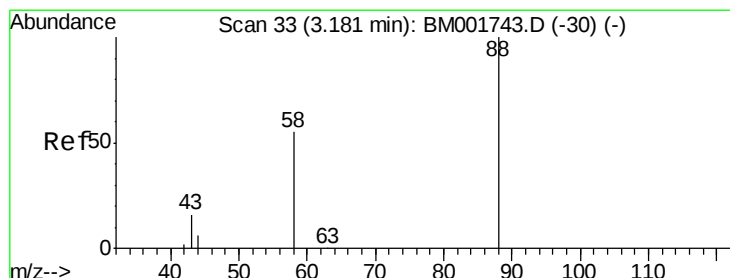
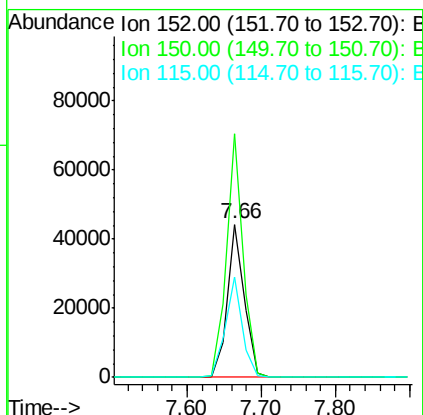
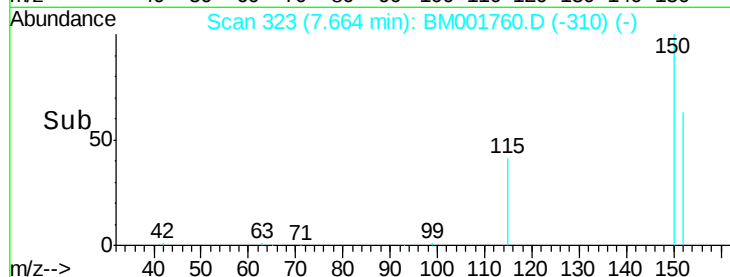
115 65.7 53.2 79.8



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



#2

1,4-Dioxane

Concen: 0.07 ng

RT: 3.18 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM001760.D

Acq: 19 Jun 2015 13:56

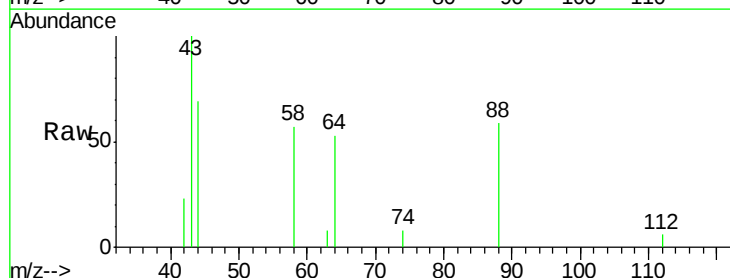
Tgt Ion: 88 Resp: 585

Ion Ratio Lower Upper

88 100

58 71.1 68.3 102.5

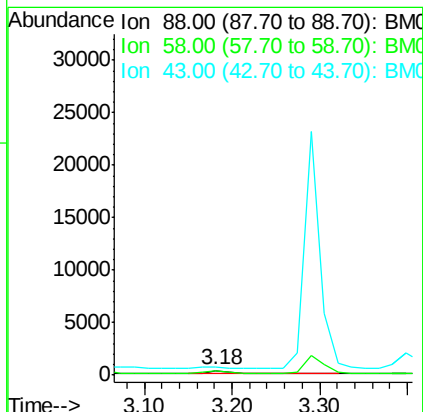
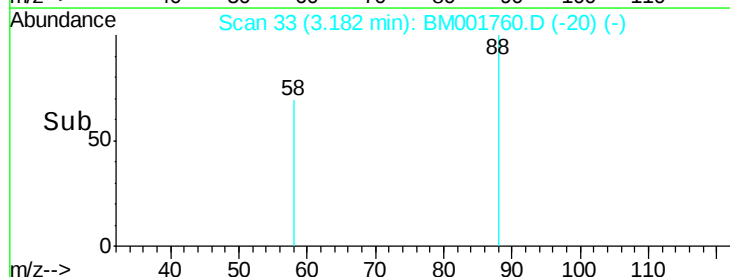
43 0.0 32.6 48.8#

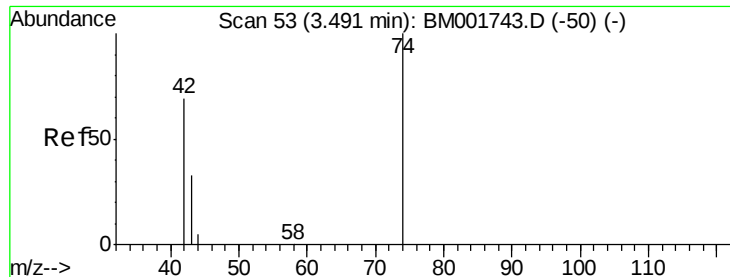


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.04 ng

RT: 3.40 min Scan# 47

Delta R.T. -0.09 min

Lab File: BM001760.D

Acq: 19 Jun 2015 13:56

Instrument :

BNA_M

ClientSampleId :

GW-2RE

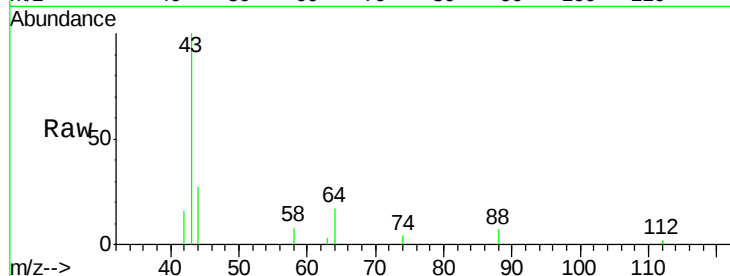
Tgt Ion: 42 Resp: 464

Ion Ratio Lower Upper

42 100

74 19.6 78.6 118.0#

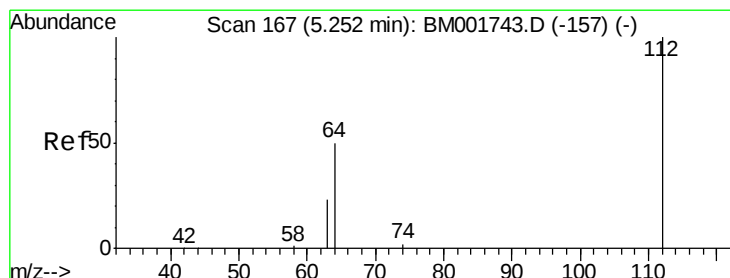
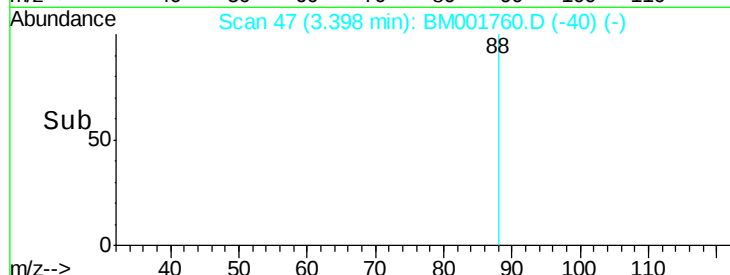
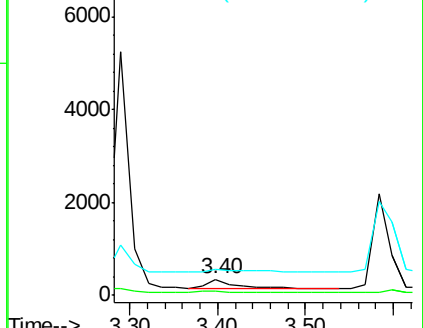
44 48.1 5.0 7.6#



Abundance Ion 42.00 (41.70 to 42.70): BM001743.D (-50) (-)

Ion 74.00 (73.70 to 74.70): BM001743.D (-50) (-)

Ion 44.00 (43.70 to 44.70): BM001743.D (-50) (-)



#4

2-Fluorophenol

Concen: 14.11 ng

RT: 5.25 min Scan# 167

Delta R.T. 0.00 min

Lab File: BM001760.D

Acq: 19 Jun 2015 13:56

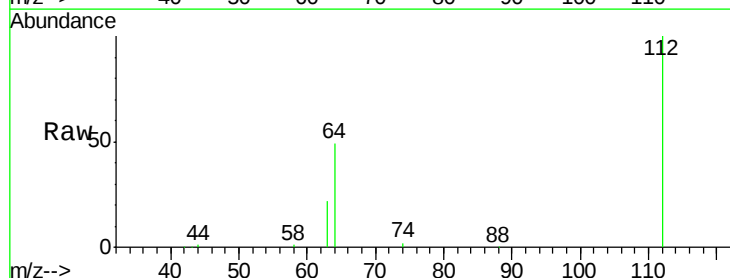
Tgt Ion: 112 Resp: 229000

Ion Ratio Lower Upper

112 100

64 69.1 55.6 83.4

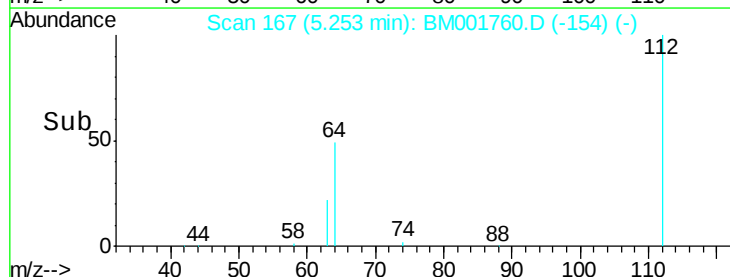
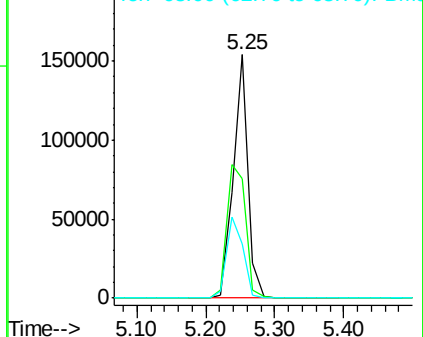
63 37.6 30.2 45.2

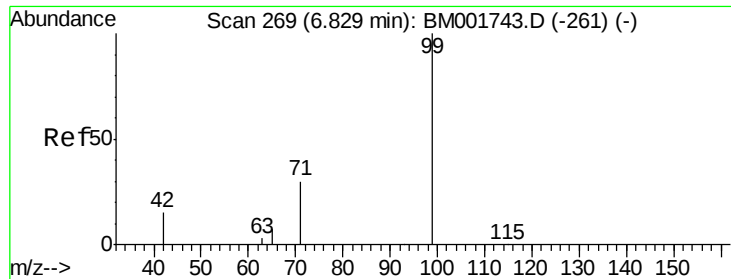


Abundance Ion 112.00 (111.70 to 112.70): BM001743.D (-157) (-)

Ion 64.00 (63.70 to 64.70): BM001743.D (-157) (-)

Ion 63.00 (62.70 to 63.70): BM001743.D (-157) (-)





#5

Phenol-d6

Concen: 7.41 ng

RT: 6.83 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM001760.D

Acq: 19 Jun 2015 13:56

Instrument :

BNA_M

ClientSampleId :

GW-2RE

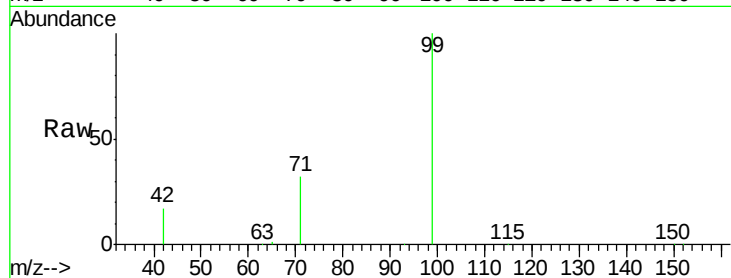
Tgt Ion: 99 Resp: 154787

Ion Ratio Lower Upper

99 100

42 26.7 21.4 32.0

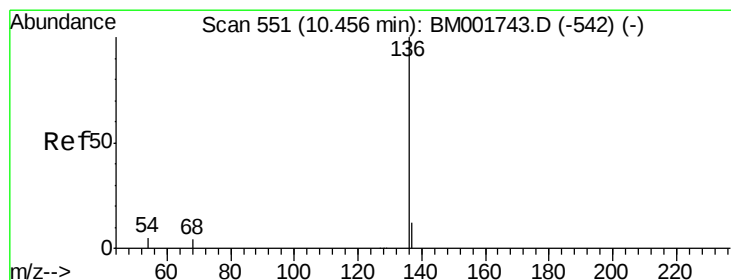
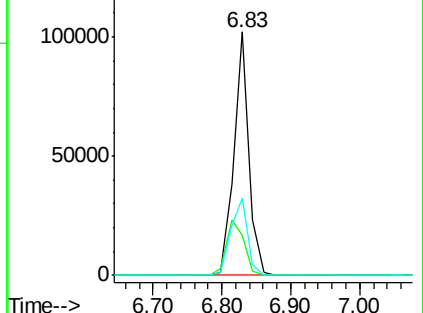
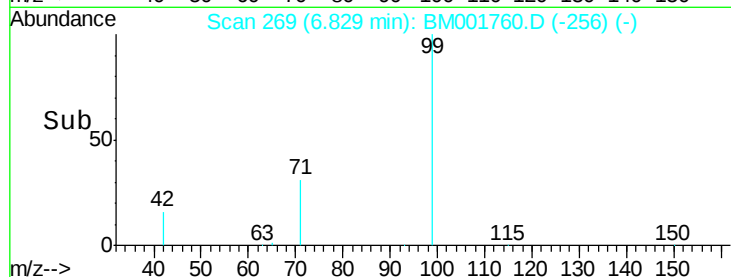
71 35.6 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BM001760.D (-256) (-)

Ion 42.00 (41.70 to 42.70): BM001760.D (-256) (-)

Ion 71.00 (70.70 to 71.70): BM001760.D (-256) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM001760.D

Acq: 19 Jun 2015 13:56

Tgt Ion: 136 Resp: 249321

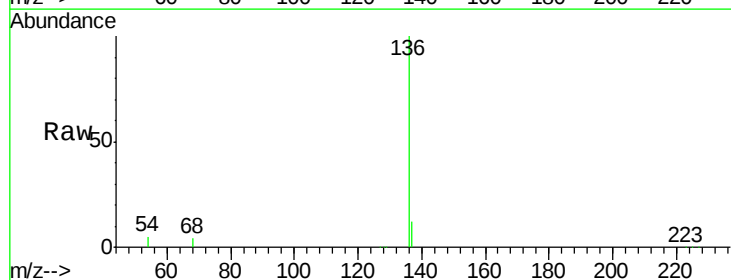
Ion Ratio Lower Upper

136 100

137 11.6 9.4 14.0

54 5.3 4.4 6.6

68 3.8 3.1 4.7

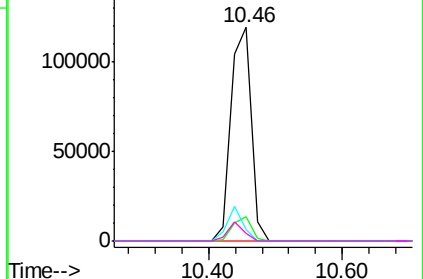
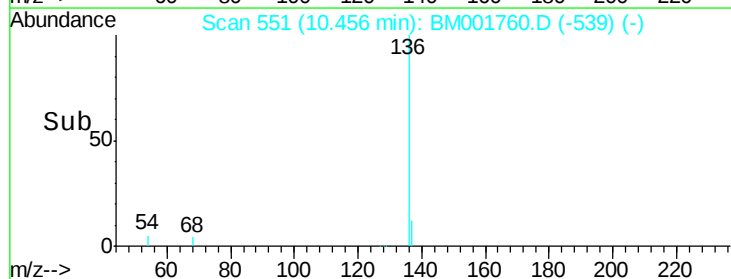


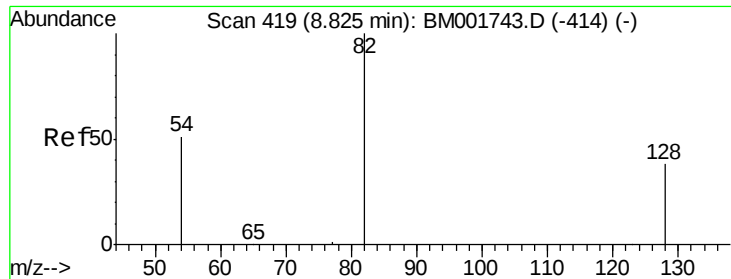
Abundance Ion 136.00 (135.70 to 136.70): BM001760.D (-539) (-)

Ion 137.00 (136.70 to 137.70): BM001760.D (-539) (-)

Ion 54.00 (53.70 to 54.70): BM001760.D (-539) (-)

Ion 68.00 (67.70 to 68.70): BM001760.D (-539) (-)





#7

Nitrobenzene-d5

Concen: 22.55 ng

RT: 8.83 min Scan# 419

Delta R.T. 0.00 min

Lab File: BM001760.D

Acq: 19 Jun 2015 13:56

Instrument :

BNA_M

ClientSampleId :

GW-2RE

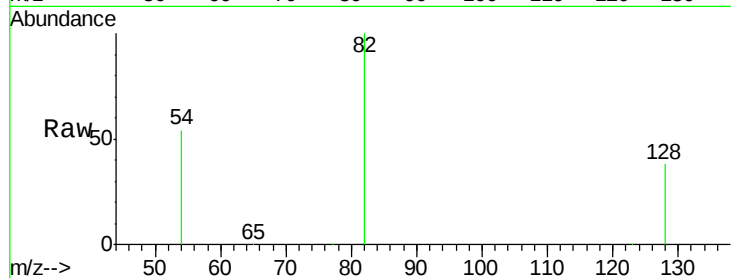
Tgt Ion: 82 Resp: 438783

Ion Ratio Lower Upper

82 100

128 37.8 31.3 46.9

54 53.9 41.9 62.9

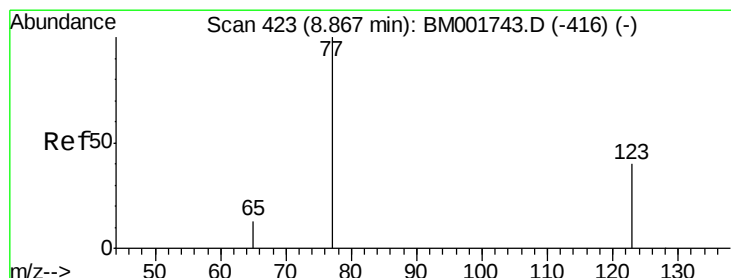
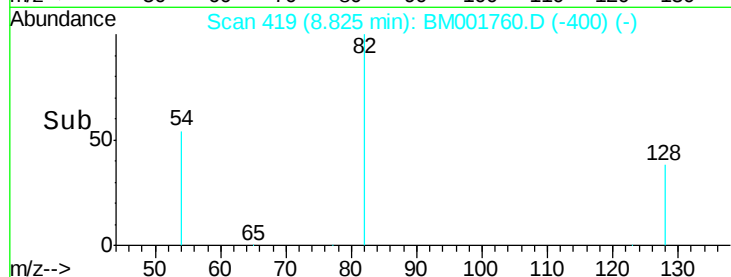


Abundance Ion 82.00 (81.70 to 82.70): BM001743.D (-414) (-)

Ion 128.00 (127.70 to 128.70): BM001743.D (-414) (-)

Ion 54.00 (53.70 to 54.70): BM001743.D (-414) (-)

Time-->



#8

Nitrobenzene

Concen: 0.07 ng

RT: 8.83 min Scan# 419

Delta R.T. -0.04 min

Lab File: BM001760.D

Acq: 19 Jun 2015 13:56

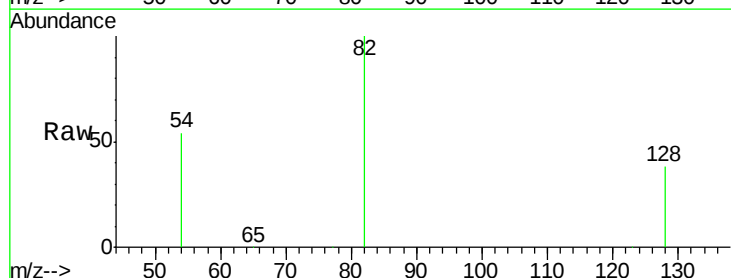
Tgt Ion: 77 Resp: 1545

Ion Ratio Lower Upper

77 100

123 0.6 30.1 45.1#

65 38.0 11.3 16.9#

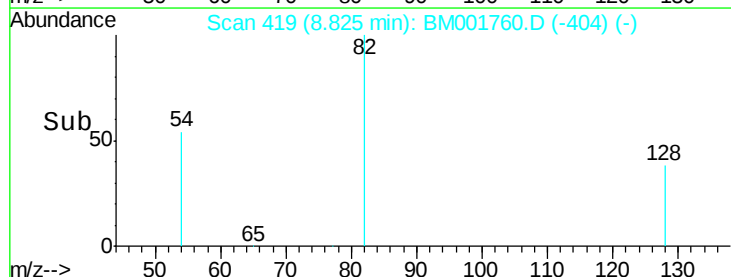


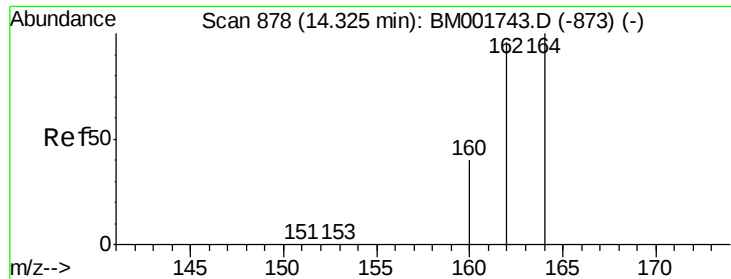
Abundance Ion 77.00 (76.70 to 77.70): BM001743.D (-416) (-)

Ion 123.00 (122.70 to 123.70): BM001743.D (-416) (-)

Ion 65.00 (64.70 to 65.70): BM001743.D (-416) (-)

Time-->





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.32 min Scan# 878

Delta R.T. 0.00 min

Lab File: BM001760.D

Acq: 19 Jun 2015 13:56

Instrument :

BNA_M

ClientSampleId :

GW-2RE

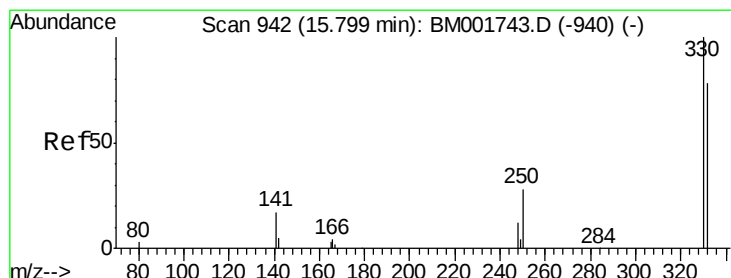
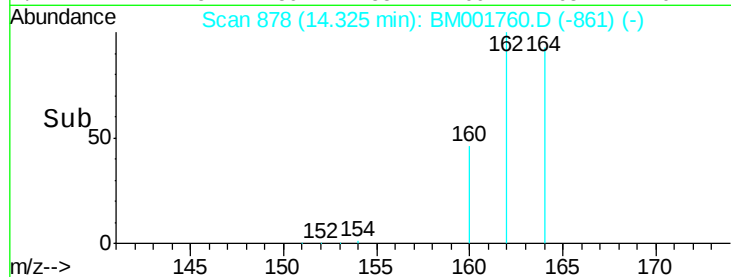
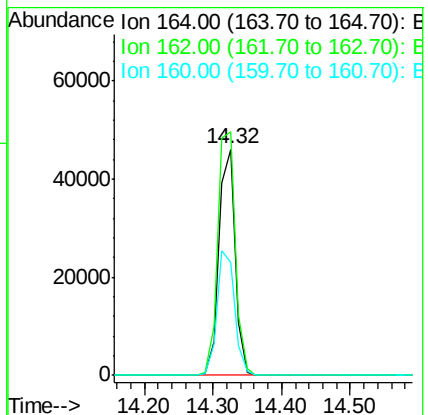
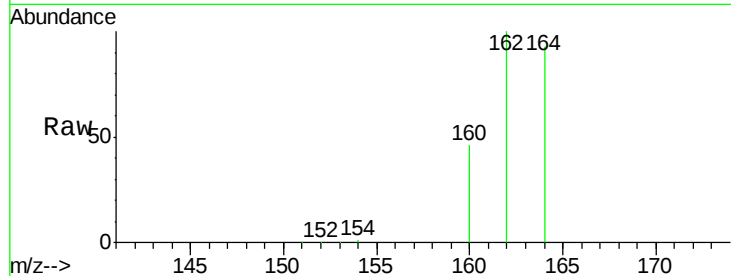
Tgt Ion:164 Resp: 75234

Ion Ratio Lower Upper

164 100

162 107.6 76.6 114.8

160 49.9 31.8 47.8#



#13

2,4,6-Tribromophenol

Concen: 51.01 ng

RT: 15.80 min Scan# 942

Delta R.T. 0.00 min

Lab File: BM001760.D

Acq: 19 Jun 2015 13:56

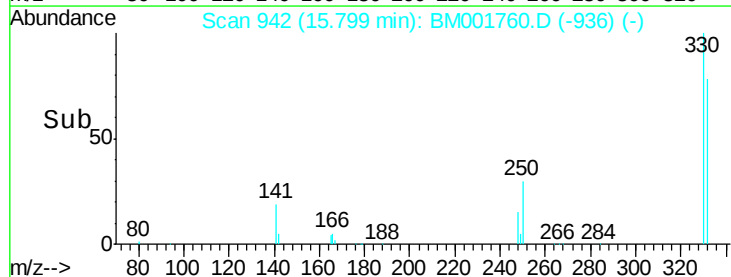
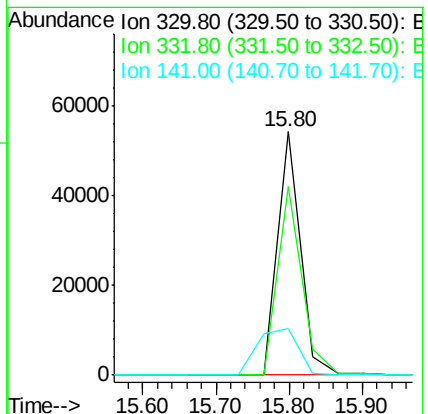
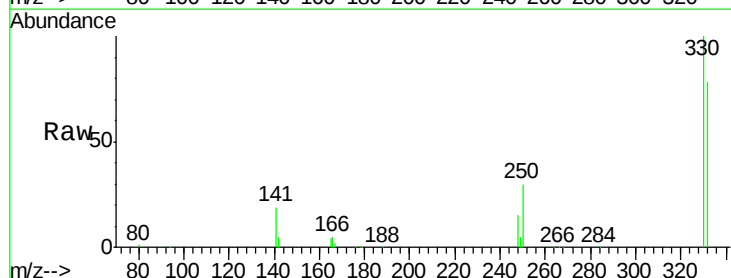
Tgt Ion:330 Resp: 119847

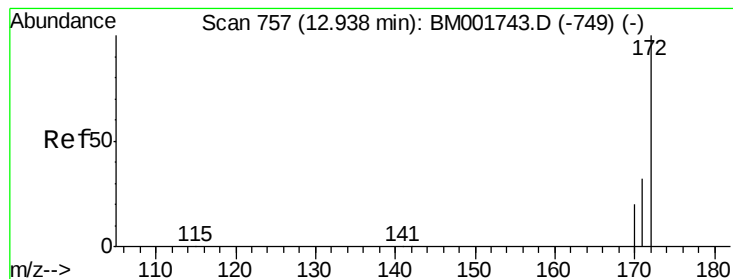
Ion Ratio Lower Upper

330 100

332 82.0 65.8 98.8

141 33.7 0.0 0.0#

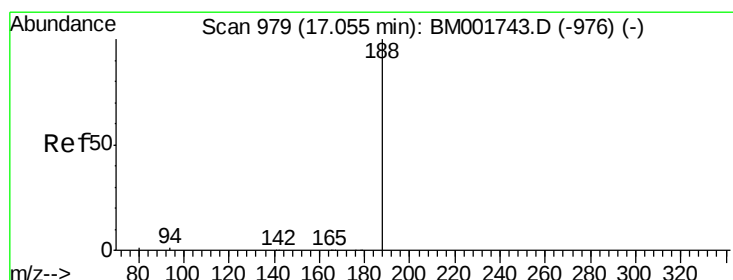
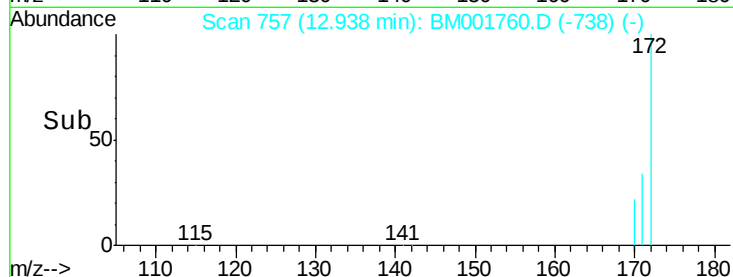
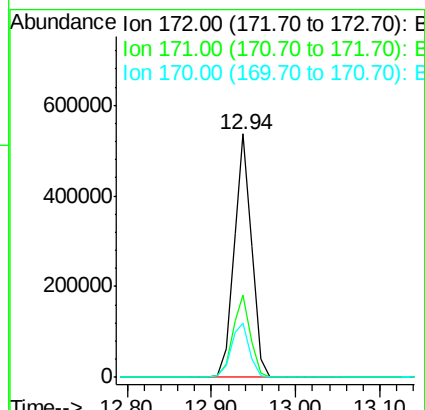
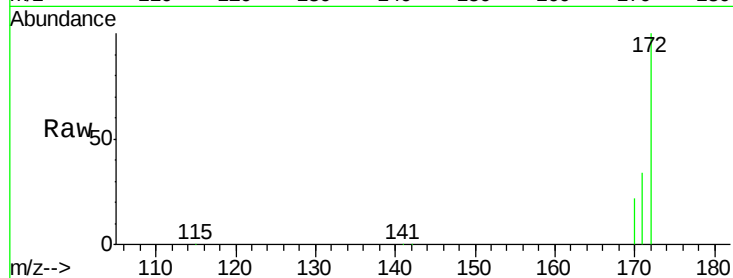




#14
 2-Fluorobiphenyl
 Concen: 29.13 ng
 RT: 12.94 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BM001760.D
 Acq: 19 Jun 2015 13:56

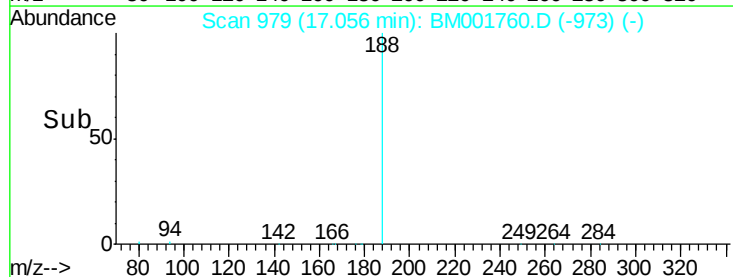
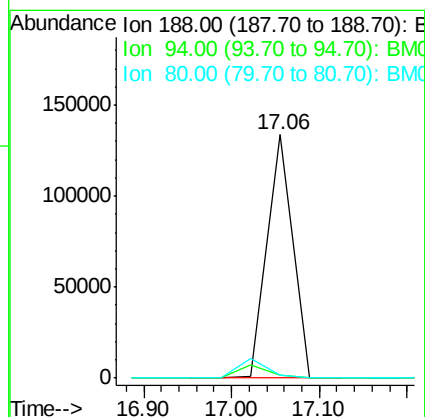
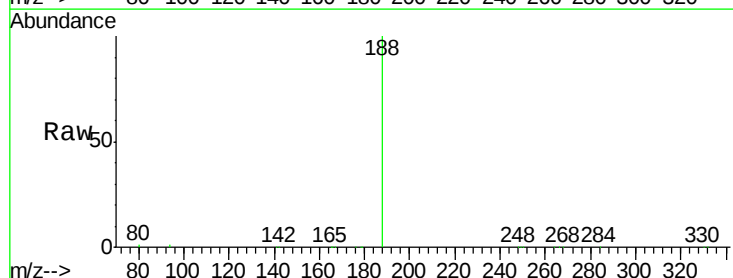
Instrument :
 BNA_M
 ClientSampleId :
 GW-2RE

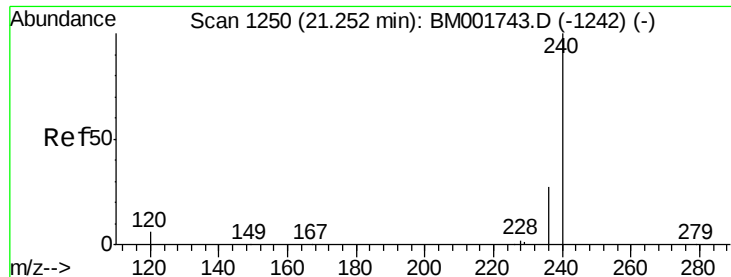
Tgt Ion:172 Resp: 783153
 Ion Ratio Lower Upper
 172 100
 171 34.0 26.2 39.2
 170 22.1 16.6 24.8



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.06 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BM001760.D
 Acq: 19 Jun 2015 13:56

Tgt Ion:188 Resp: 275941
 Ion Ratio Lower Upper
 188 100
 94 1.2 1.3 1.9#
 80 1.0 1.0 1.6#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.25 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BM001760.D

Acq: 19 Jun 2015 13:56

Instrument :

BNA_M

ClientSampleId :

GW-2RE

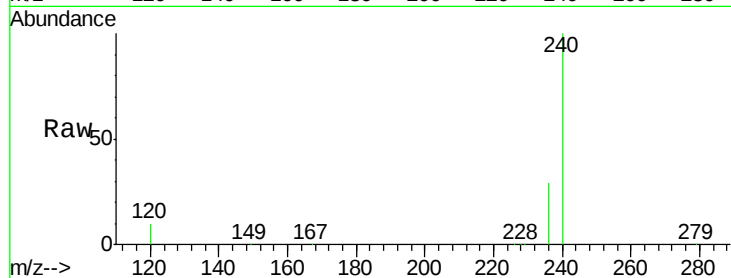
Tgt Ion:240 Resp: 148541

Ion Ratio Lower Upper

240 100

120 9.6 4.7 7.1#

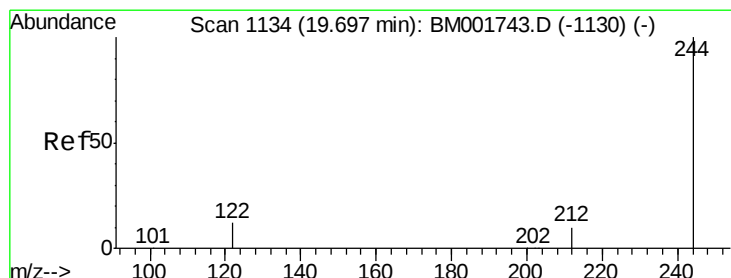
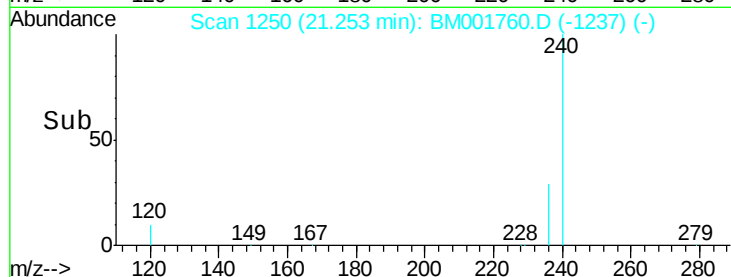
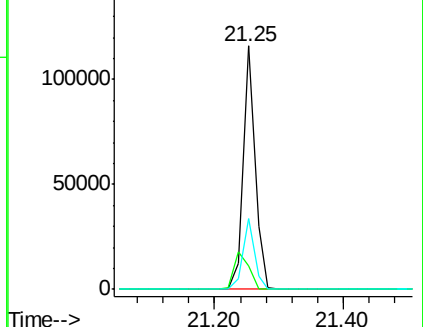
236 29.2 21.6 32.4



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



#27

Terphenyl-d14

Concen: 19.65 ng

RT: 19.70 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BM001760.D

Acq: 19 Jun 2015 13:56

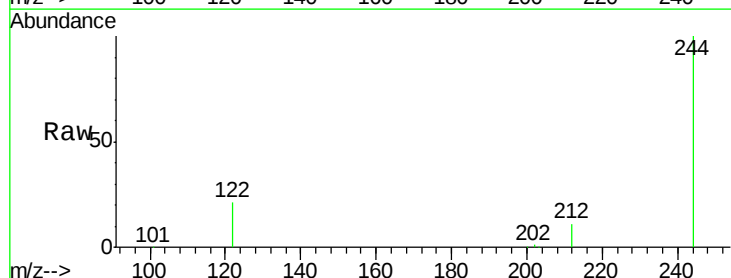
Tgt Ion:244 Resp: 430209

Ion Ratio Lower Upper

244 100

212 11.3 8.6 13.0

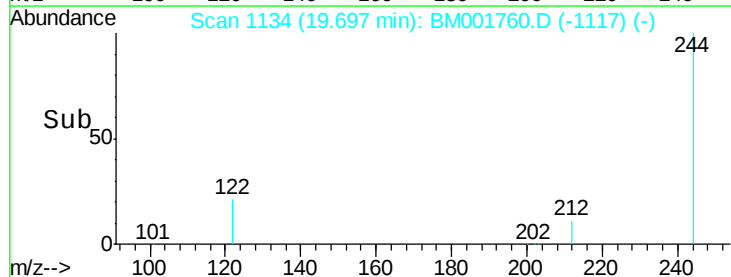
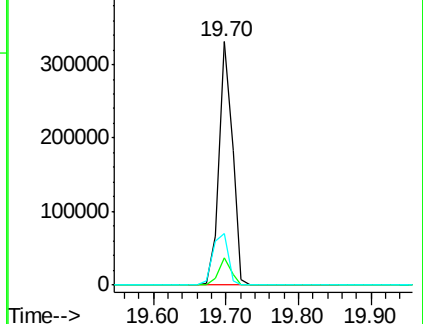
122 21.2 10.6 15.8#

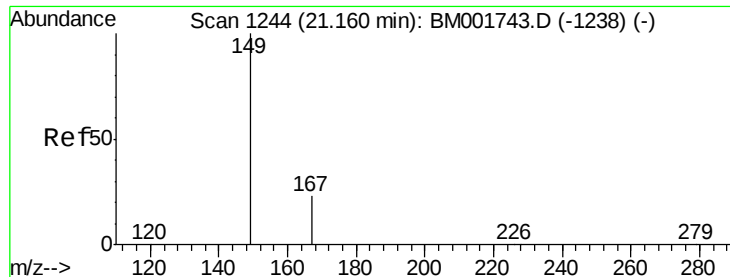


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.37 ng

RT: 21.16 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM001760.D

Acq: 19 Jun 2015 13:56

Instrument :

BNA_M

ClientSampleId :

GW-2RE

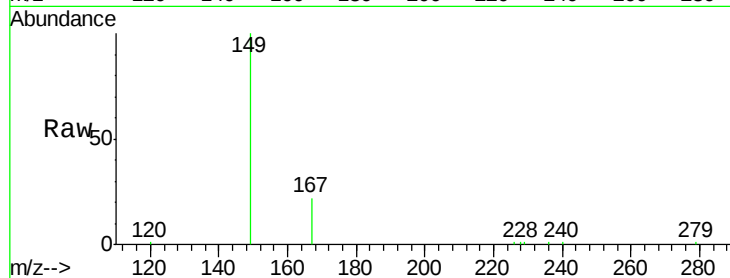
Tgt Ion:149 Resp: 9594

Ion Ratio Lower Upper

149 100

167 24.3 19.7 29.5

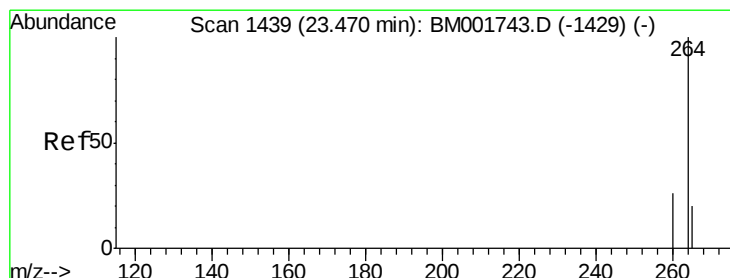
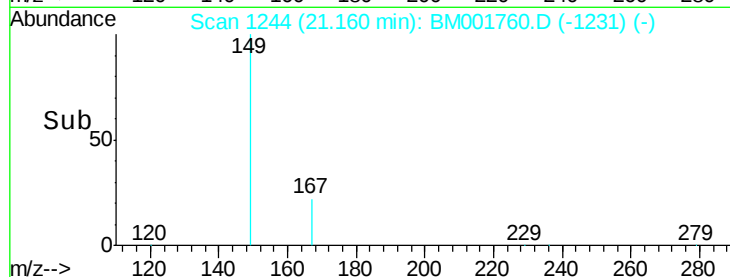
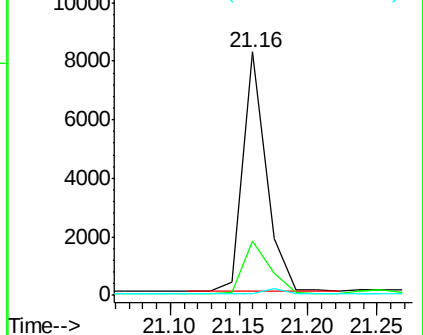
279 2.3 1.6 2.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.48 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BM001760.D

Acq: 19 Jun 2015 13:56

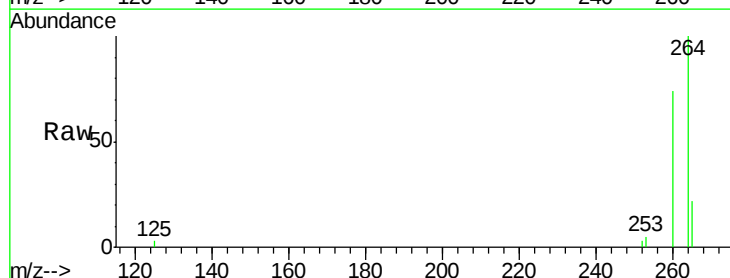
Tgt Ion:264 Resp: 17726

Ion Ratio Lower Upper

264 100

260 74.1 20.8 31.2#

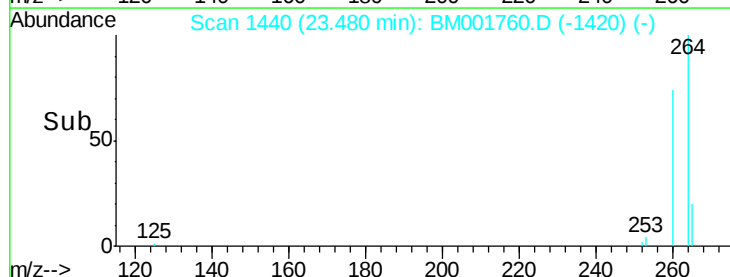
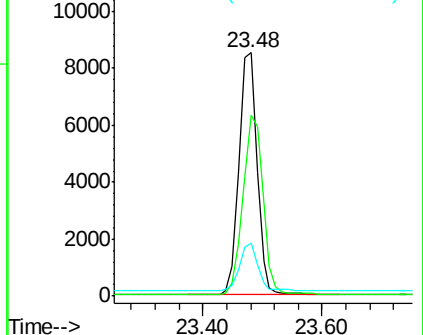
265 21.9 16.8 25.2

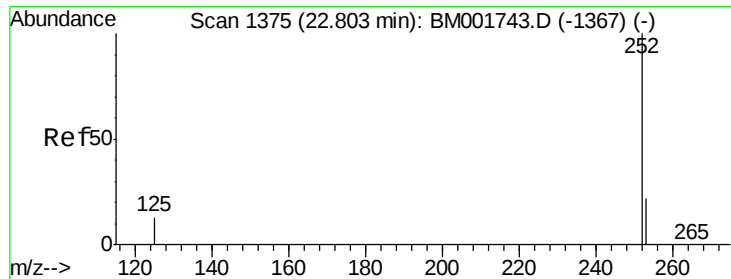


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.03 ng

RT: 22.80 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BM001760.D

Acq: 19 Jun 2015 13:56

Instrument :

BNA_M

ClientSampleId :

GW-2RE

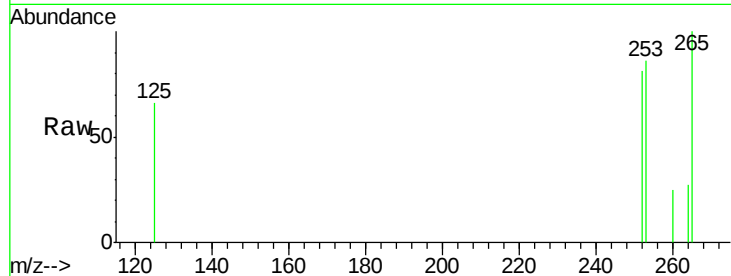
Tgt Ion:252 Resp: 186

Ion Ratio Lower Upper

252 100

253 105.6 19.0 28.4#

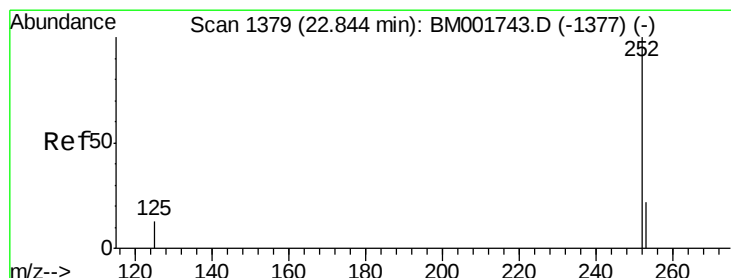
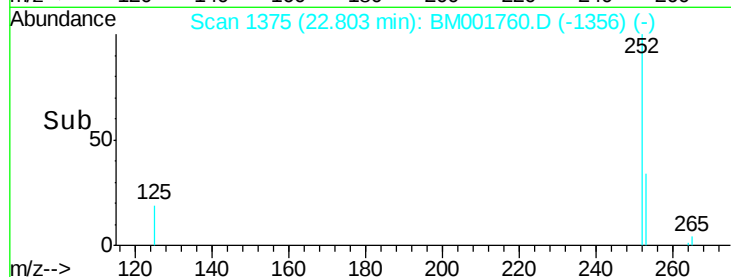
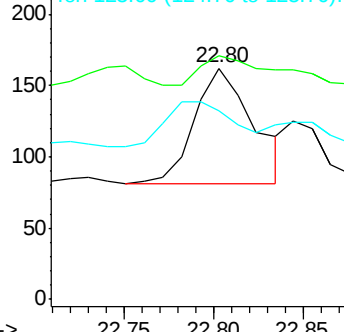
125 81.5 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 0.04 ng

RT: 22.80 min Scan# 1375

Delta R.T. -0.04 min

Lab File: BM001760.D

Acq: 19 Jun 2015 13:56

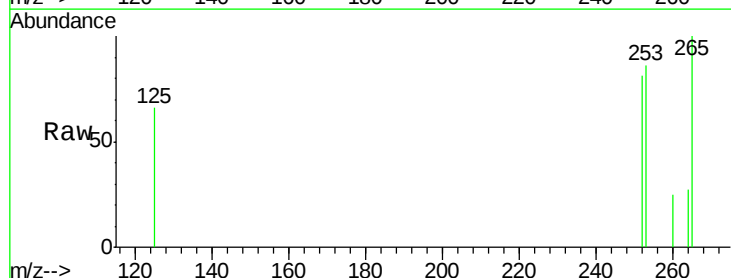
Tgt Ion:252 Resp: 186

Ion Ratio Lower Upper

252 100

253 105.6 18.2 27.4#

125 81.5 11.8 17.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

