

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061915\
 Data File : BM001759.D
 Acq On : 19 Jun 2015 13:20
 Operator : TP/IZ
 Sample : G2685-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 061715-P22-E-U-S

Quant Time: Jun 19 17:11:53 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

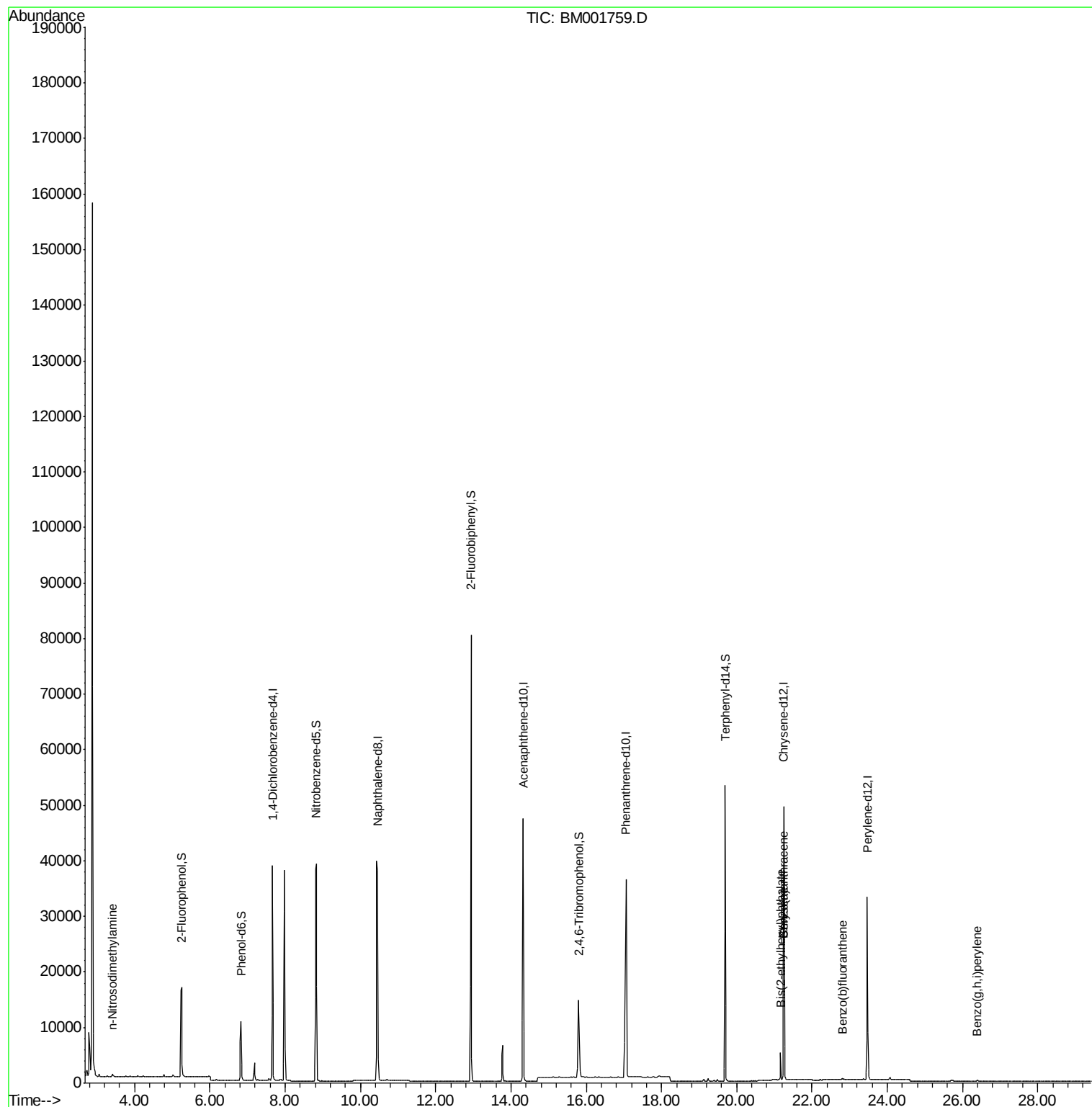
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	18531	5.00	ng	0.00
6) Naphthalene-d8	10.46	136	67638	5.00	ng	0.00
12) Acenaphthene-d10	14.32	164	32027	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	72042	5.00	ng	0.00
25) Chrysene-d12	21.25	240	46532	5.00	ng	0.00
32) Perylene-d12	23.47	264	41935	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	15575	3.60	ng	0.00
5) Phenol-d6	6.83	99	11672	2.09	ng	0.00
7) Nitrobenzene-d5	8.83	82	36230	6.86	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	12215	12.21	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	78527	6.86	ng	0.00
27) Terphenyl-d14	19.70	244	52371	7.64	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.41	42	156	0.05	ng	# 1
28) Benzo(a)anthracene	21.24	228	406	0.03	ng	# 65
29) Chrysene	21.24	228	406	0.03	ng	# 73
30) Bis(2-ethylhexyl)phthalate	21.16	149	4424	0.55	ng	100
33) Benzo(b)fluoranthene	22.80	252	333	0.02	ng	# 2
37) Benzo(g,h,i)perylene	26.39	276	280	0.02	ng	# 41

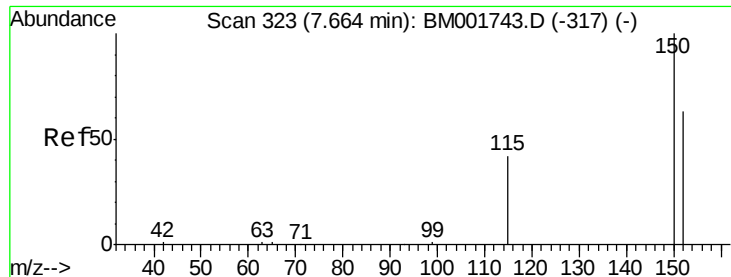
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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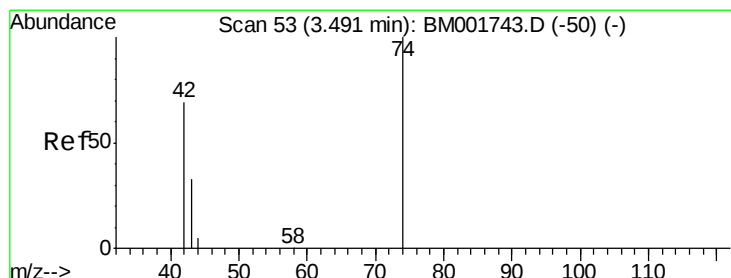
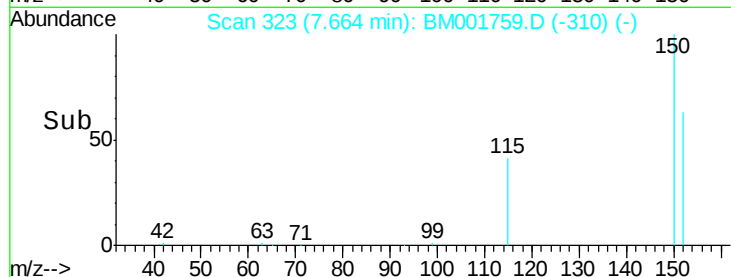
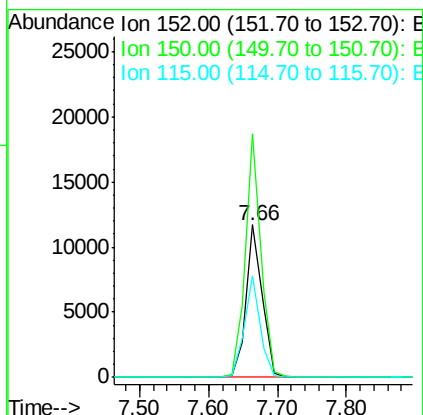
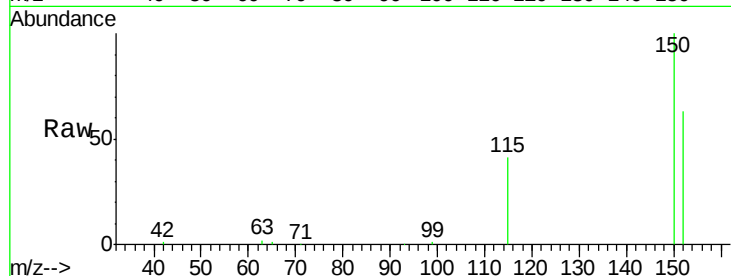


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.66 min Scan# 323
Delta R.T. 0.00 min
Lab File: BM001759.D
Acq: 19 Jun 2015 13:20

Instrument :
BNA_M
ClientSampleId :
061715-P22-E-U-S

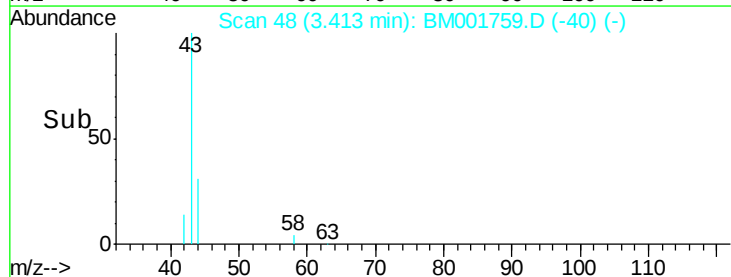
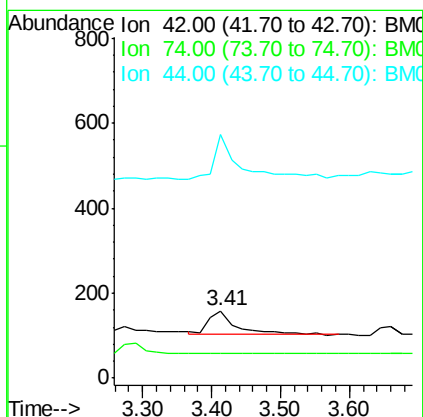
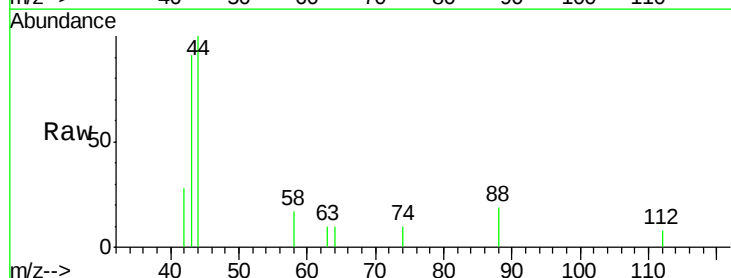
Tgt Ion: 152 Resp: 18531
Ion Ratio Lower Upper
152 100
150 159.5 127.5 191.3
115 66.1 53.2 79.8

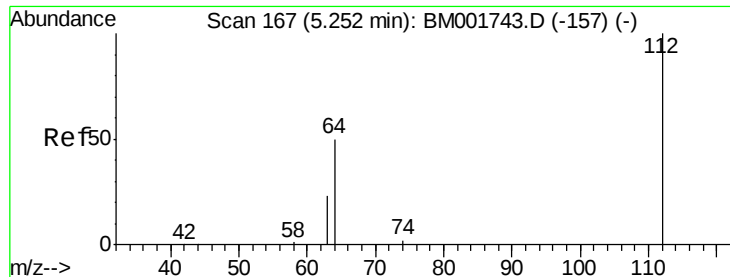


#3

n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.41 min Scan# 48
Delta R.T. -0.08 min
Lab File: BM001759.D
Acq: 19 Jun 2015 13:20

Tgt Ion: 42 Resp: 156
Ion Ratio Lower Upper
42 100
74 0.6 78.6 118.0#
44 166.7 5.0 7.6#





#4

2-Fluorophenol

Concen: 3.60 ng

RT: 5.25 min Scan# 167

Delta R.T. 0.00 min

Lab File: BM001759.D

Acq: 19 Jun 2015 13:20

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-U-S

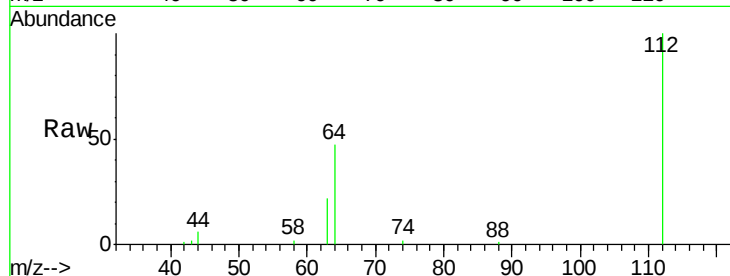
Tgt Ion: 112 Resp: 15575

Ion Ratio Lower Upper

112 100

64 69.3 55.6 83.4

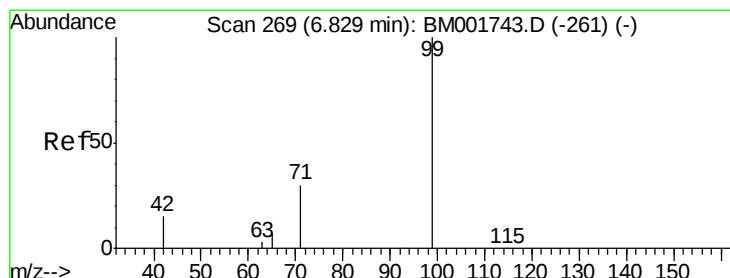
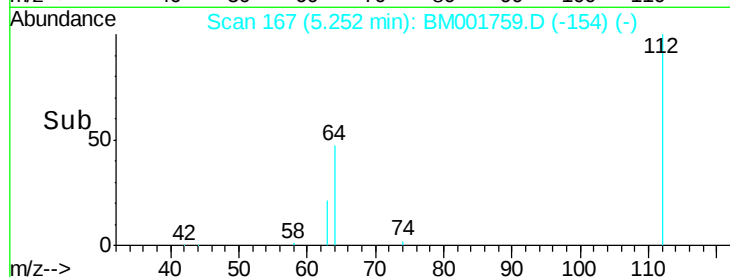
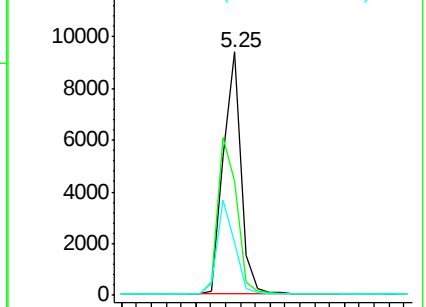
63 37.9 30.2 45.2



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: 2.09 ng

RT: 6.83 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM001759.D

Acq: 19 Jun 2015 13:20

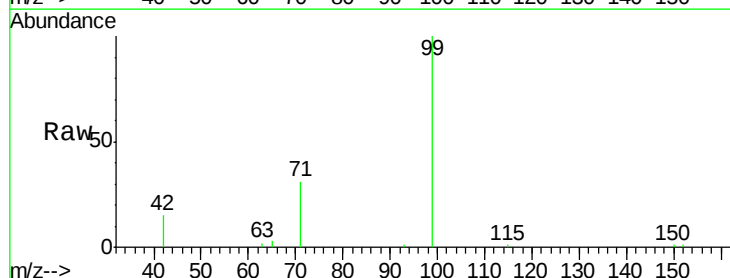
Tgt Ion: 99 Resp: 11672

Ion Ratio Lower Upper

99 100

42 25.2 21.4 32.0

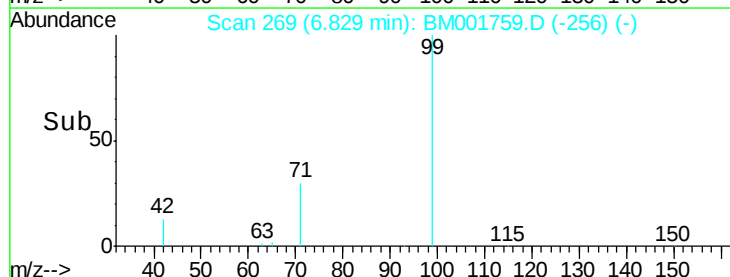
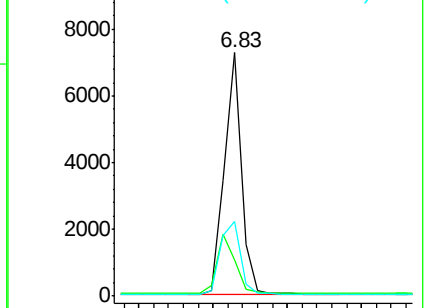
71 35.4 28.3 42.5

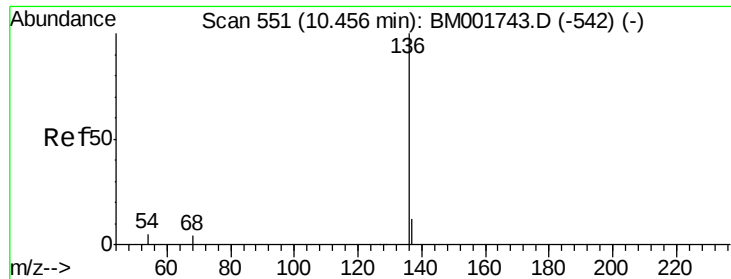


Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM001759.D

Acq: 19 Jun 2015 13:20

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-U-S

Tgt Ion:136 Resp: 67638

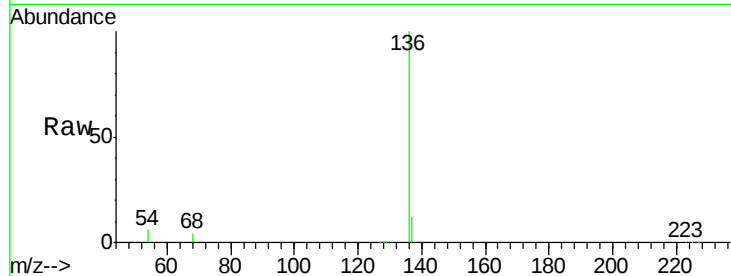
Ion Ratio Lower Upper

136 100

137 11.7 9.4 14.0

54 5.6 4.4 6.6

68 4.0 3.1 4.7



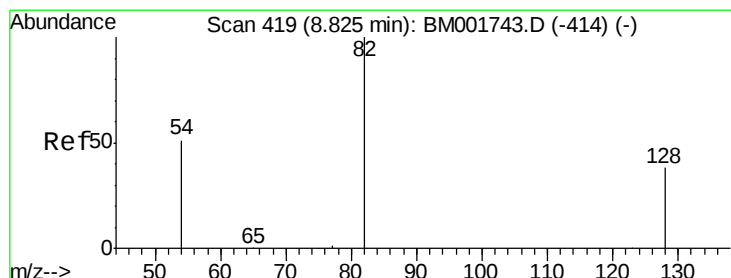
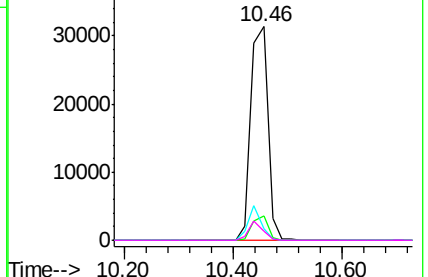
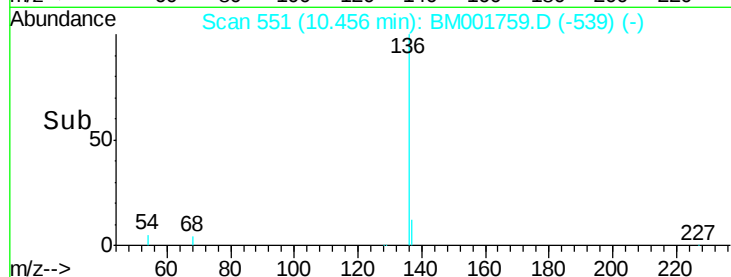
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM

Time-->



#7

Nitrobenzene-d5

Concen: 6.86 ng

RT: 8.83 min Scan# 419

Delta R.T. 0.00 min

Lab File: BM001759.D

Acq: 19 Jun 2015 13:20

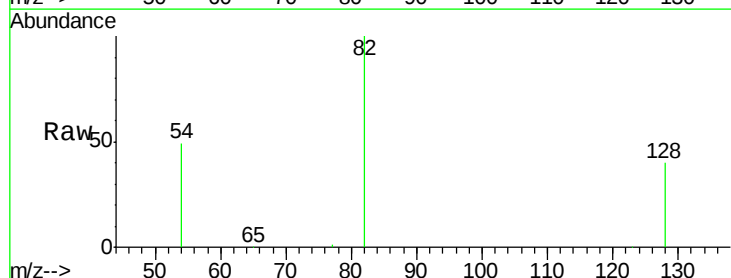
Tgt Ion: 82 Resp: 36230

Ion Ratio Lower Upper

82 100

128 39.6 31.3 46.9

54 48.9 41.9 62.9

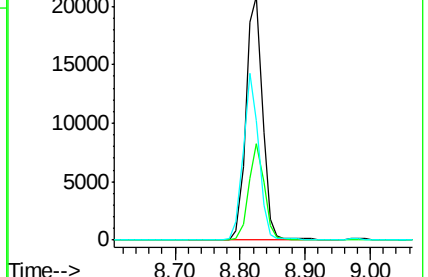
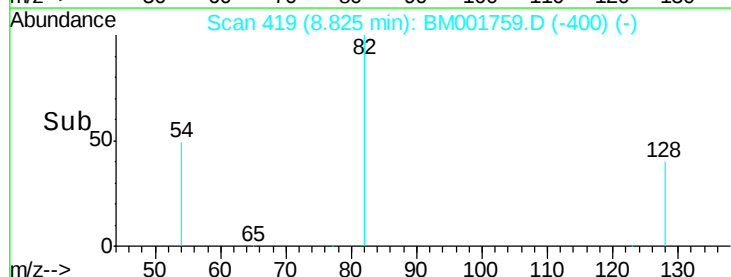


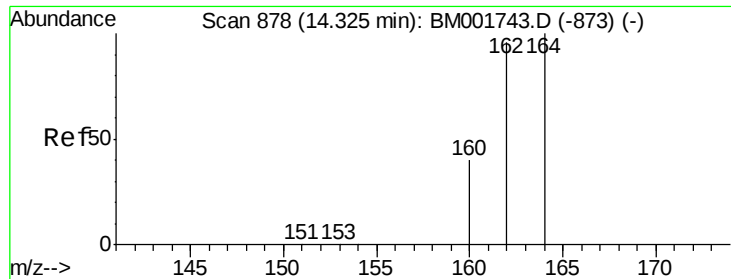
Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

Time-->





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.32 min Scan# 878

Delta R.T. 0.00 min

Lab File: BM001759.D

Acq: 19 Jun 2015 13:20

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-U-S

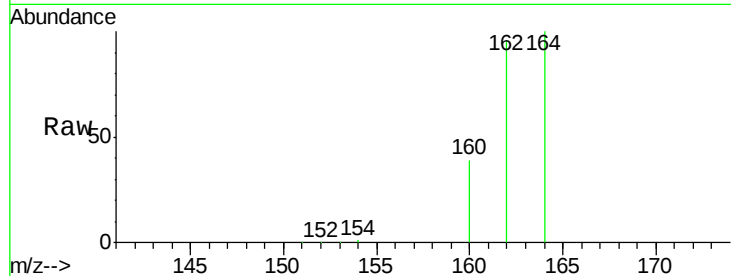
Tgt Ion:164 Resp: 32027

Ion Ratio Lower Upper

164 100

162 95.7 76.6 114.8

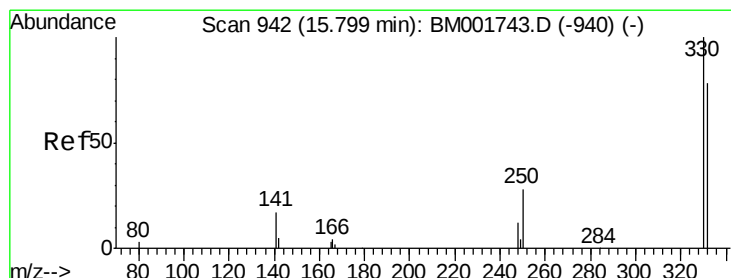
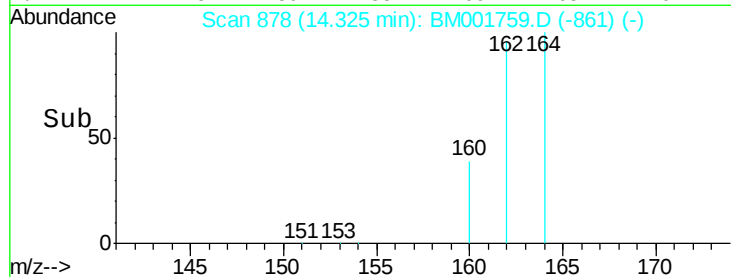
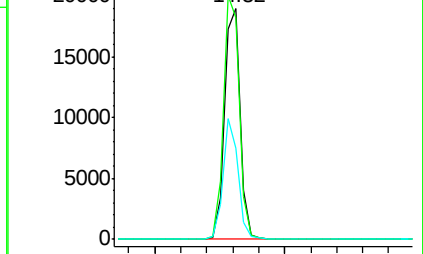
160 39.5 31.8 47.8



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: 12.21 ng

RT: 15.80 min Scan# 942

Delta R.T. 0.00 min

Lab File: BM001759.D

Acq: 19 Jun 2015 13:20

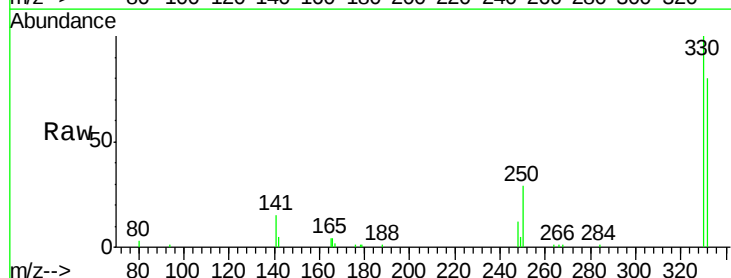
Tgt Ion:330 Resp: 12215

Ion Ratio Lower Upper

330 100

332 83.3 65.8 98.8

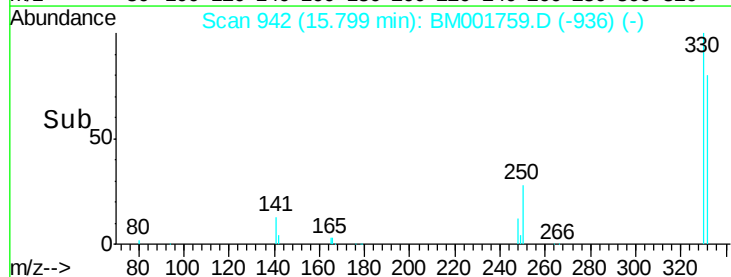
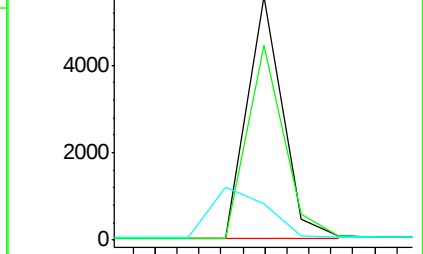
141 0.0 0.0 0.0

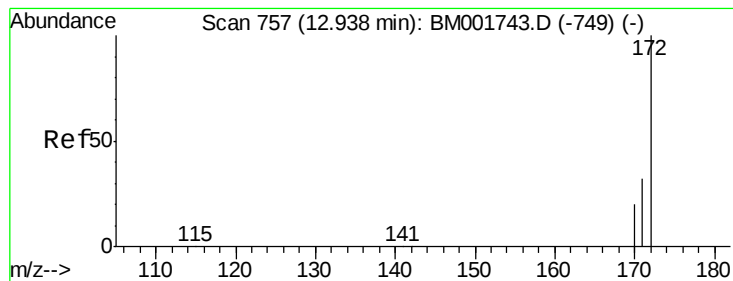


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

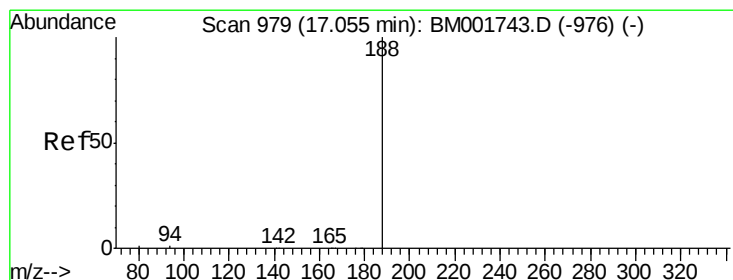
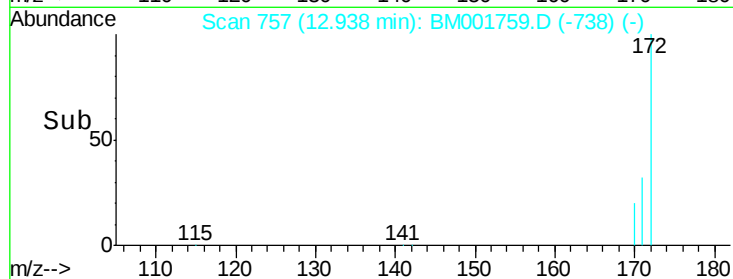
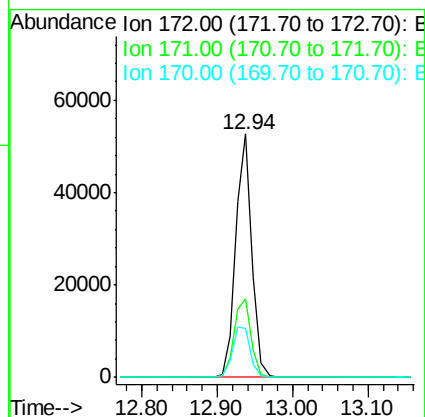
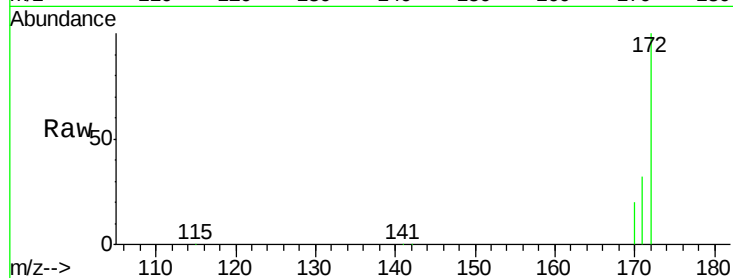




#14
2-Fluorobiphenyl
Concen: 6.86 ng
RT: 12.94 min Scan# 757
Delta R.T. 0.00 min
Lab File: BM001759.D
Acq: 19 Jun 2015 13:20

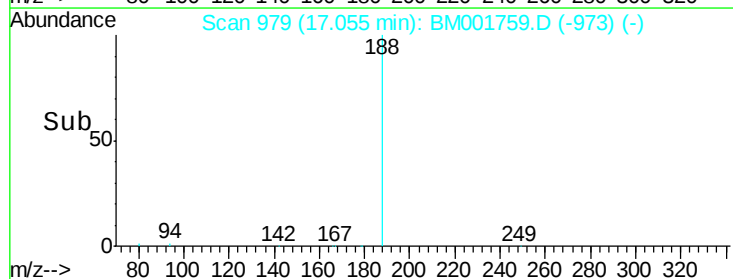
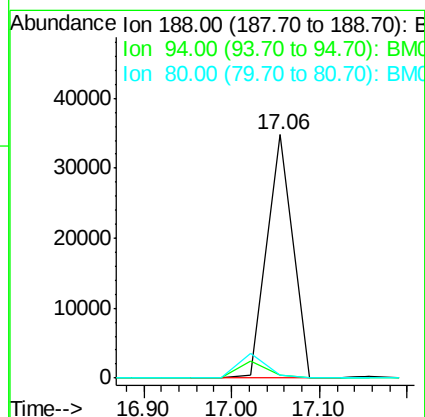
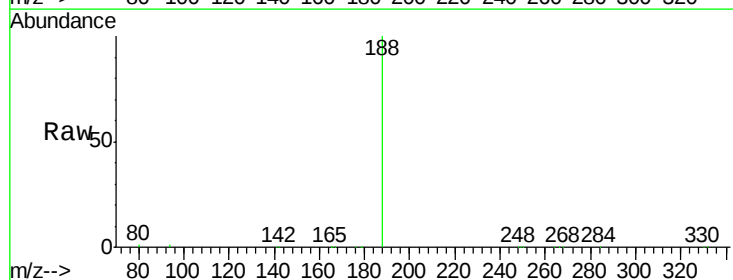
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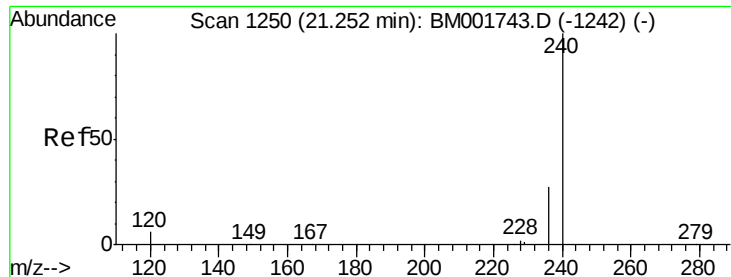
Tgt Ion:172 Resp: 78527
Ion Ratio Lower Upper
172 100
171 32.3 26.2 39.2
170 20.0 16.6 24.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM001759.D
Acq: 19 Jun 2015 13:20

Tgt Ion:188 Resp: 72042
Ion Ratio Lower Upper
188 100
94 1.4 1.3 1.9
80 1.1 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: BM001759.D

Acq: 19 Jun 2015 13:20

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-U-S

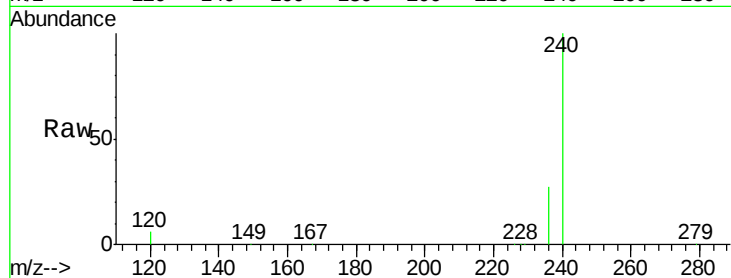
Tgt Ion:240 Resp: 46532

Ion Ratio Lower Upper

240 100

120 5.8 4.7 7.1

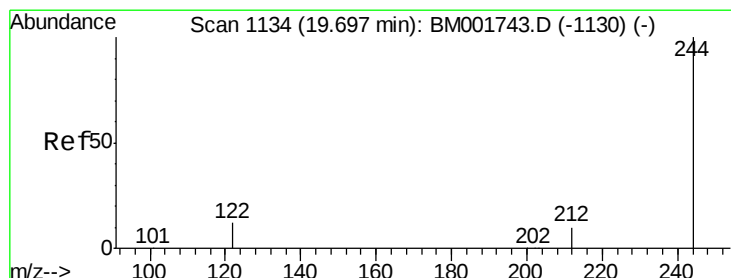
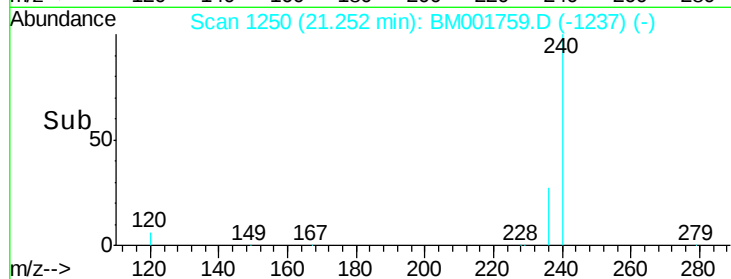
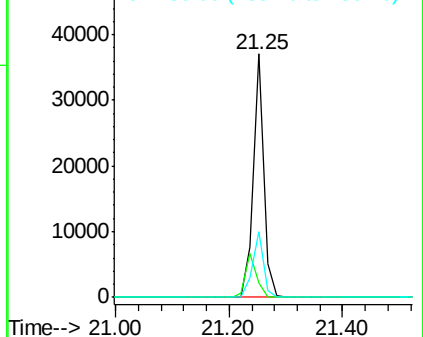
236 26.9 21.6 32.4



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: 7.64 ng

RT: 19.70 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BM001759.D

Acq: 19 Jun 2015 13:20

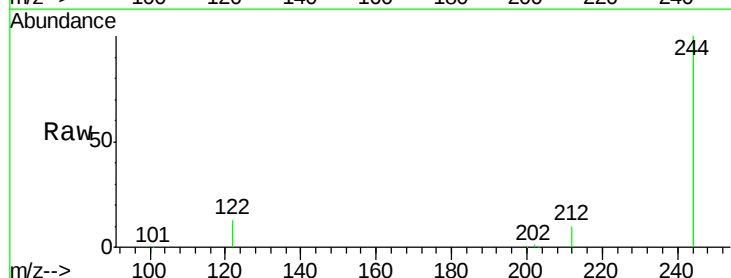
Tgt Ion:244 Resp: 52371

Ion Ratio Lower Upper

244 100

212 10.0 8.6 13.0

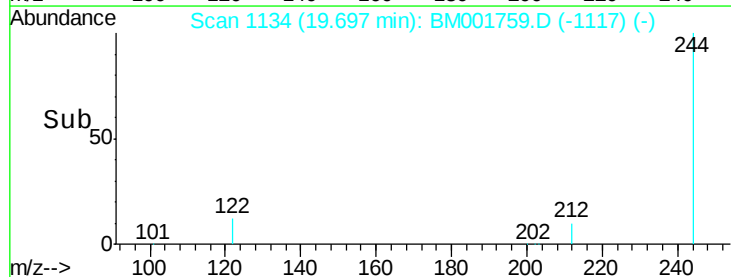
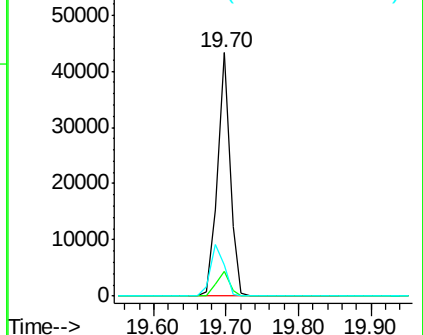
122 12.6 10.6 15.8

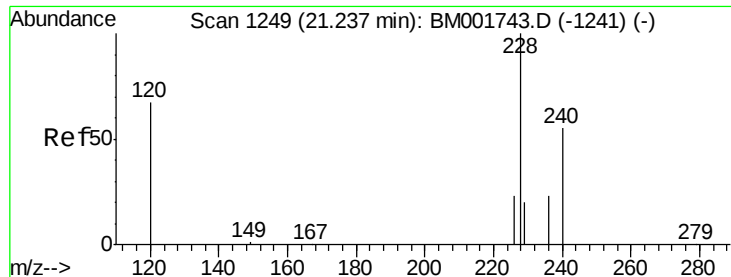


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.24 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BM001759.D

Acq: 19 Jun 2015 13:20

Instrument :

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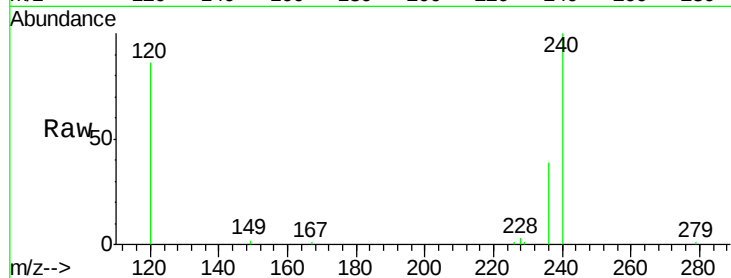
Tgt Ion:228 Resp: 406

Ion Ratio Lower Upper

228 100

226 38.8 18.9 28.3#

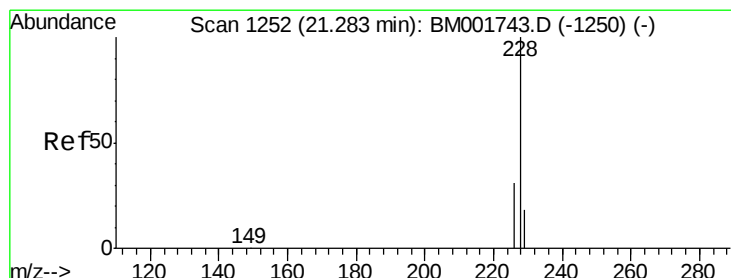
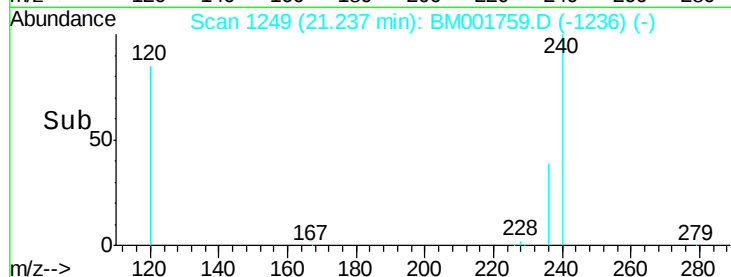
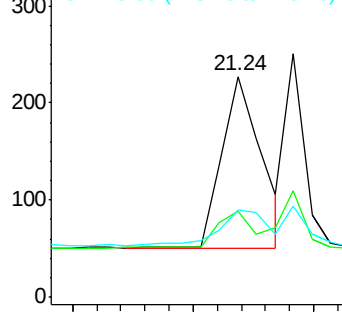
229 39.6 16.6 25.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#29

Chrysene

Concen: 0.03 ng

RT: 21.24 min Scan# 1249

Delta R.T. -0.05 min

Lab File: BM001759.D

Acq: 19 Jun 2015 13:20

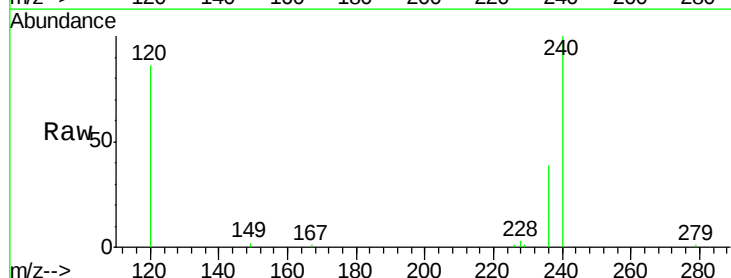
Tgt Ion:228 Resp: 406

Ion Ratio Lower Upper

228 100

226 38.8 24.3 36.5#

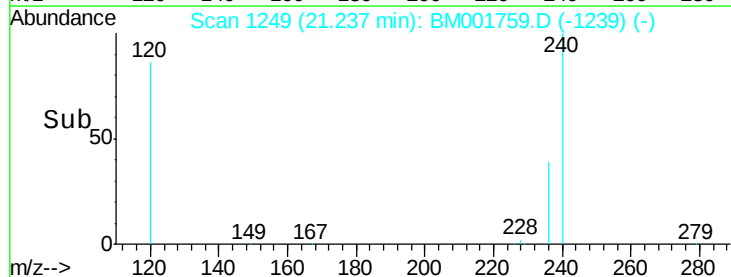
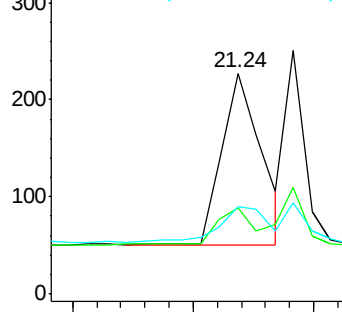
229 39.6 15.0 22.6#

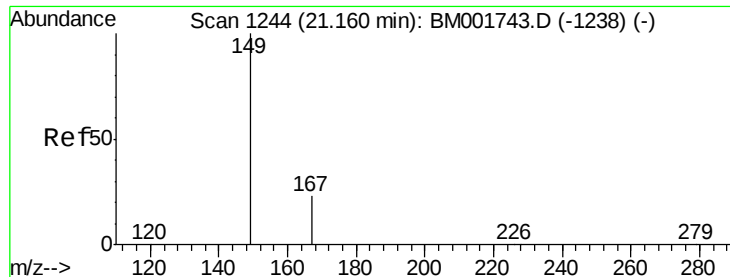


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.55 ng

RT: 21.16 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM001759.D

Acq: 19 Jun 2015 13:20

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-U-S

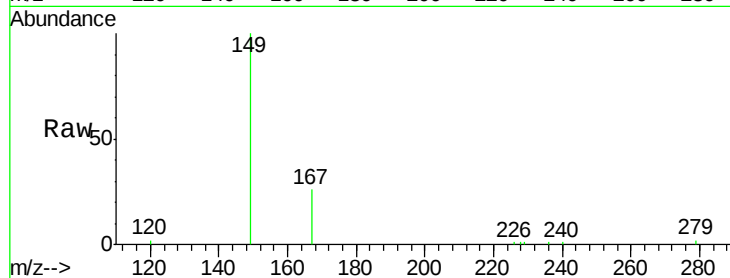
Tgt Ion:149 Resp: 4424

Ion Ratio Lower Upper

149 100

167 24.8 19.7 29.5

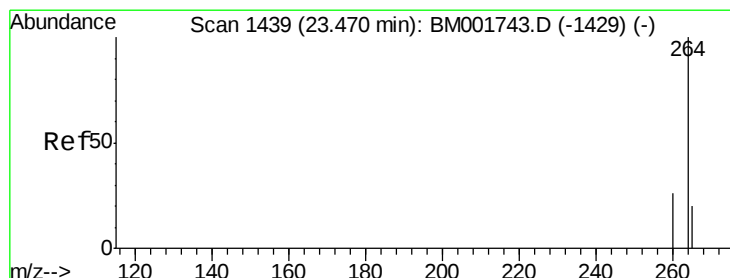
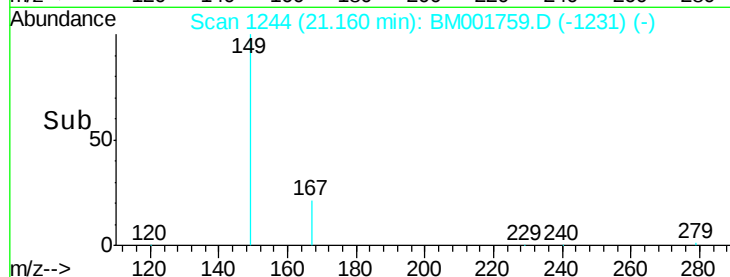
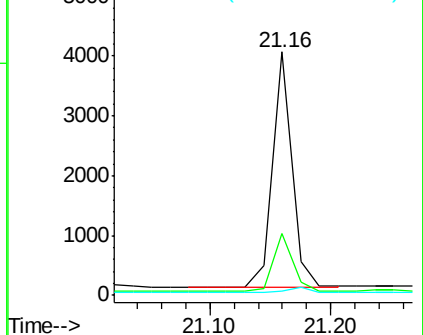
279 2.0 1.6 2.4



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: 23.47 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BM001759.D

Acq: 19 Jun 2015 13:20

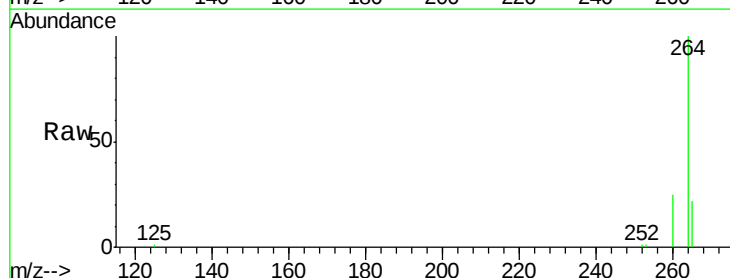
Tgt Ion:264 Resp: 41935

Ion Ratio Lower Upper

264 100

260 25.4 20.8 31.2

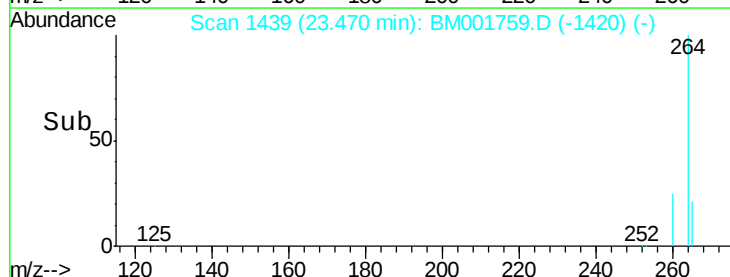
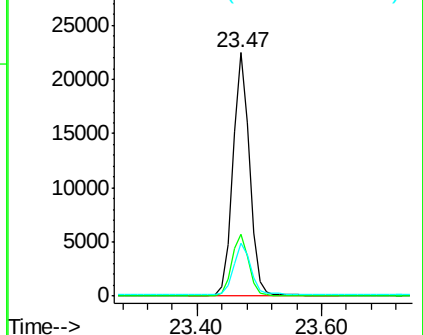
265 21.5 16.8 25.2

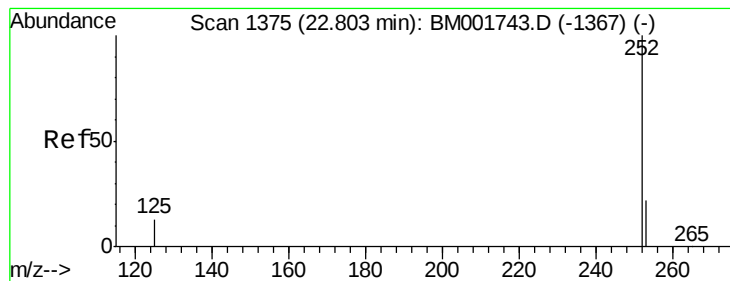


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.02 ng

RT: 22.80 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BM001759.D

Acq: 19 Jun 2015 13:20

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-U-S

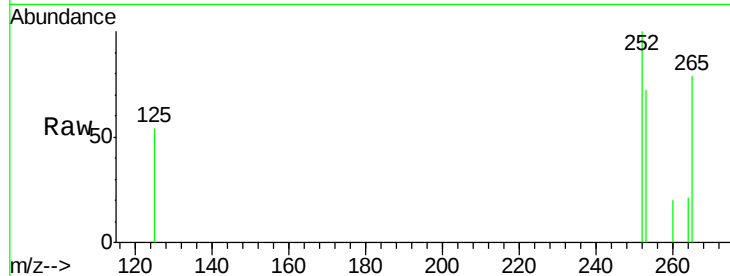
Tgt Ion: 252 Resp: 333

Ion Ratio Lower Upper

252 100

253 71.9 19.0 28.4#

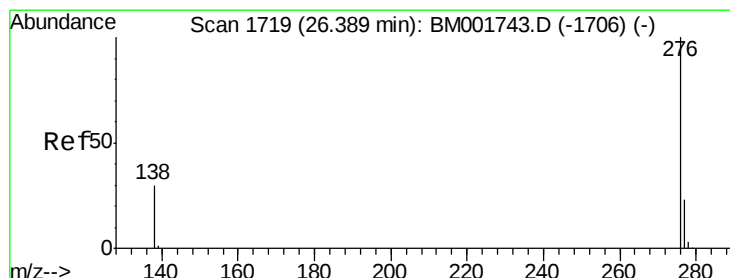
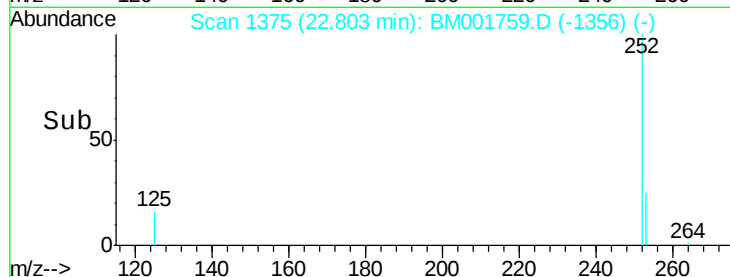
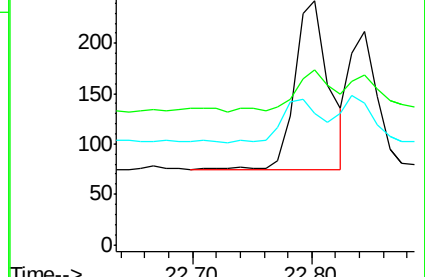
125 54.1 11.3 16.9#



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



#37

Benzo(g,h,i)perylene

Concen: 0.02 ng

RT: 26.39 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BM001759.D

Acq: 19 Jun 2015 13:20

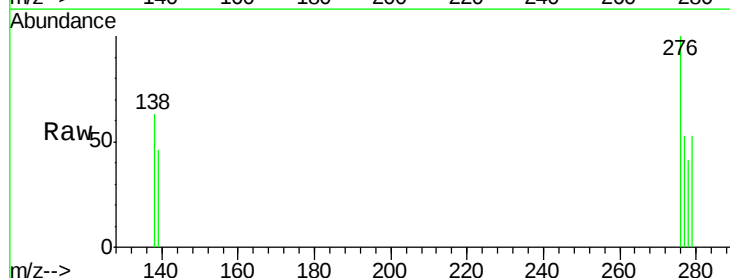
Tgt Ion: 276 Resp: 280

Ion Ratio Lower Upper

276 100

277 53.1 19.3 28.9#

138 63.1 24.7 37.1#



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

