

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061915\
 Data File : BM001756.D
 Acq On : 19 Jun 2015 11:32
 Operator : TP/IZ
 Sample : G2685-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 061715-P22-E-D-B

Quant Time: Jun 19 12:56:57 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

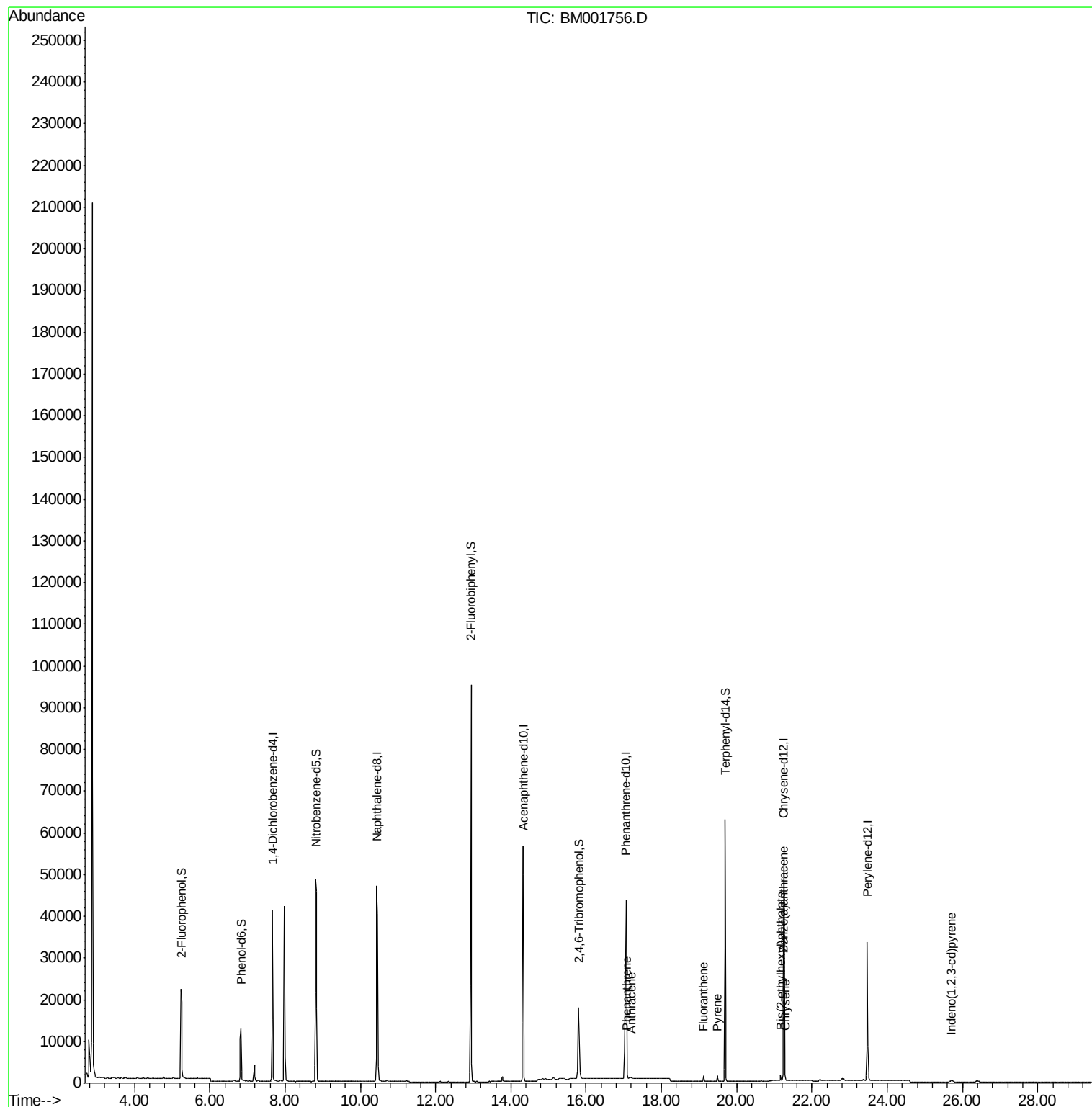
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	19664	5.00	ng	0.00
6) Naphthalene-d8	10.44	136	76432	5.00	ng	-0.02
12) Acenaphthene-d10	14.33	164	37424	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	86772	5.00	ng	0.00
25) Chrysene-d12	21.25	240	49574	5.00	ng	0.00
32) Perylene-d12	23.47	264	42307	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	19412	4.22	ng	0.00
5) Phenol-d6	6.83	99	14704	2.48	ng	0.00
7) Nitrobenzene-d5	8.83	82	44033	7.38	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	15269	13.07	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	96301	7.20	ng	0.00
27) Terphenyl-d14	19.70	244	61605	8.43	ng	0.00
Target Compounds						Qvalue
22) Phenanthrene	17.09	178	1088	0.04	ng	# 91
23) Anthracene	17.19	178	300	0.02	ng	97
24) Fluoranthene	19.12	202	1354	0.07	ng	98
26) Pyrene	19.48	202	1377	0.08	ng	98
28) Benzo(a)anthracene	21.24	228	1108	0.07	ng	# 88
29) Chrysene	21.28	228	768	0.05	ng	# 92
30) Bis(2-ethylhexyl)phthalate	21.16	149	1379	0.16	ng	98
31) Indeno(1,2,3-cd)pyrene	25.70	276	590	0.04	ng	98

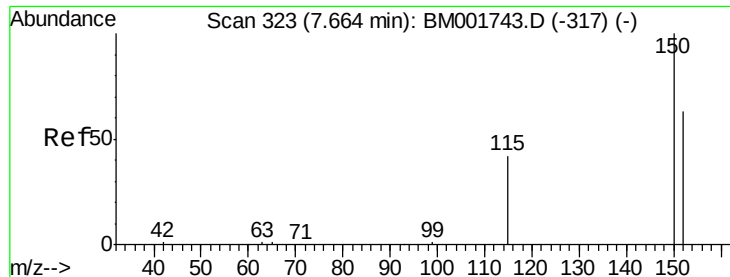
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM001756.D

Acq: 19 Jun 2015 11:32

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-D-B

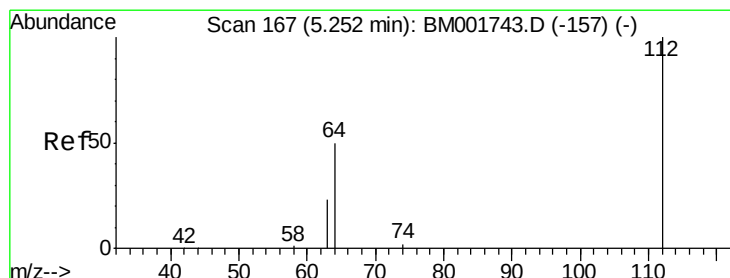
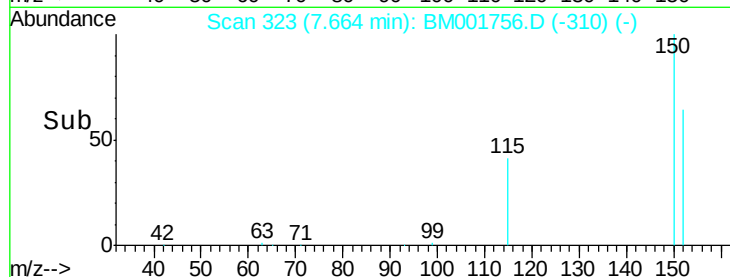
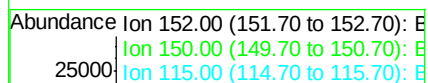
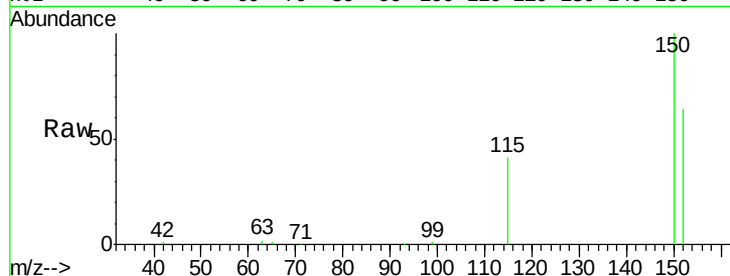
Tgt Ion:152 Resp: 19664

Ion Ratio Lower Upper

152 100

150 157.0 127.5 191.3

115 64.1 53.2 79.8



#4

2-Fluorophenol

Concen: 4.22 ng

RT: 5.25 min Scan# 167

Delta R.T. 0.00 min

Lab File: BM001756.D

Acq: 19 Jun 2015 11:32

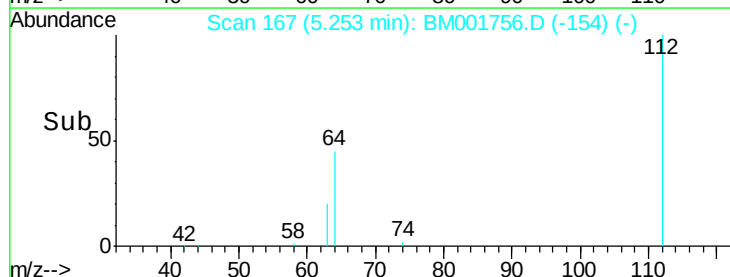
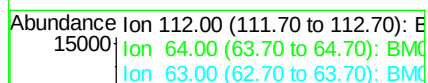
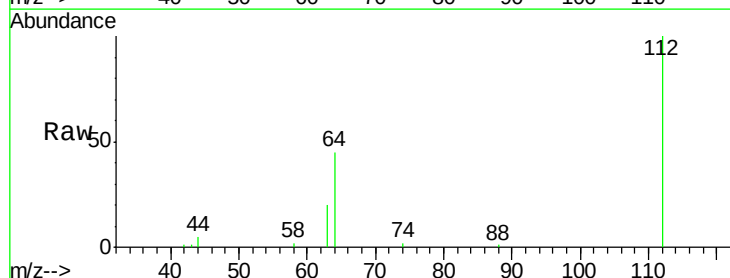
Tgt Ion:112 Resp: 19412

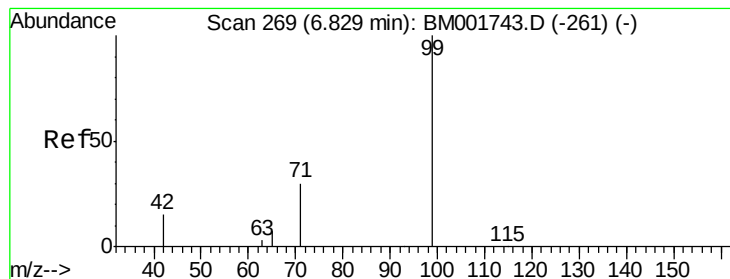
Ion Ratio Lower Upper

112 100

64 69.8 55.6 83.4

63 38.1 30.2 45.2





#5

Phenol-d6

Concen: 2.48 ng

RT: 6.83 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM001756.D

Acq: 19 Jun 2015 11:32

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-D-B

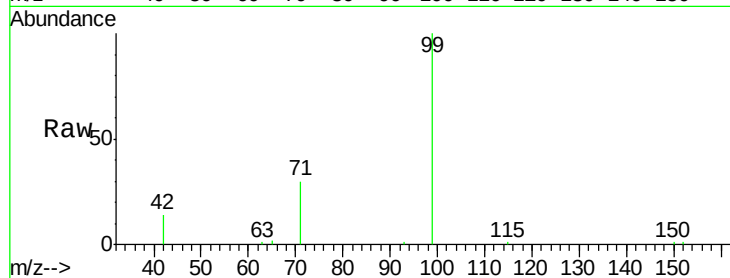
Tgt Ion: 99 Resp: 14704

Ion Ratio Lower Upper

99 100

42 25.4 21.4 32.0

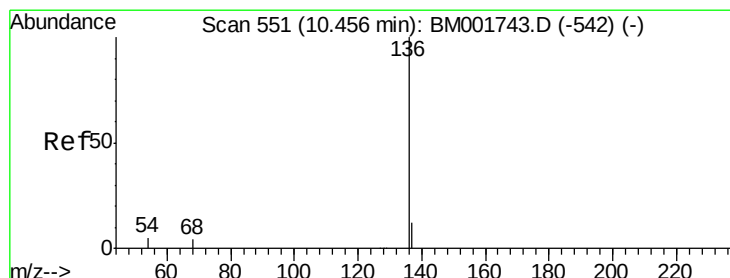
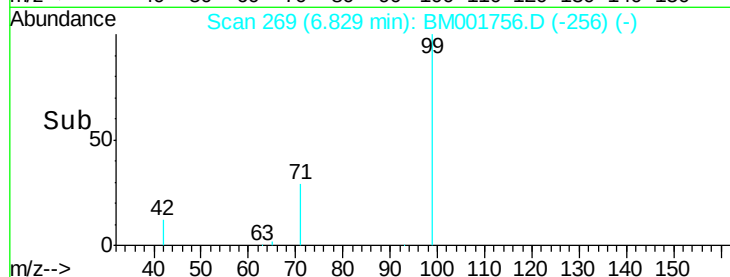
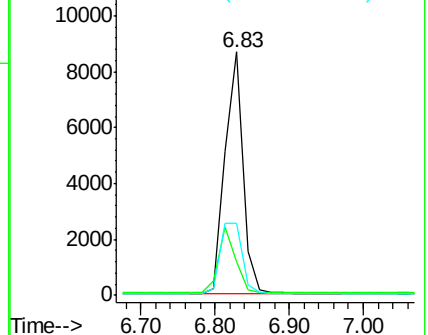
71 35.5 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BM001743.D (-261) (-)

Ion 42.00 (41.70 to 42.70): BM001743.D (-261) (-)

Ion 71.00 (70.70 to 71.70): BM001743.D (-261) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.02 min

Lab File: BM001756.D

Acq: 19 Jun 2015 11:32

Tgt Ion: 136 Resp: 76432

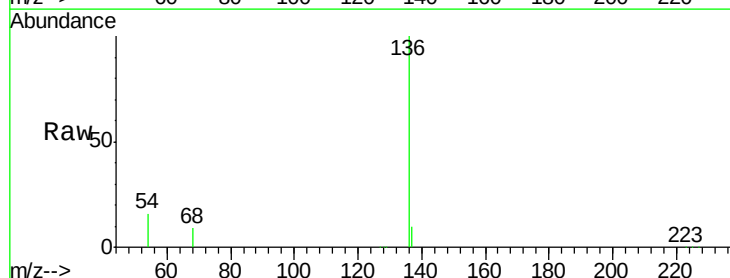
Ion Ratio Lower Upper

136 100

137 9.8 9.4 14.0

54 16.3 4.4 6.6#

68 9.4 3.1 4.7#

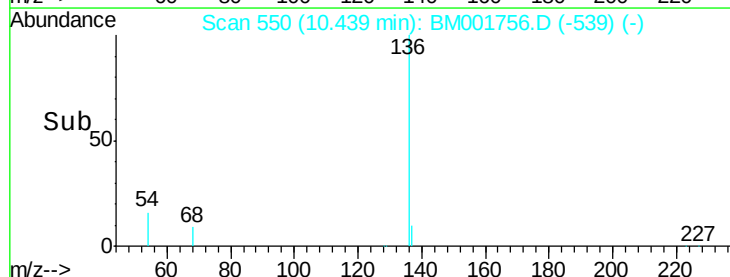
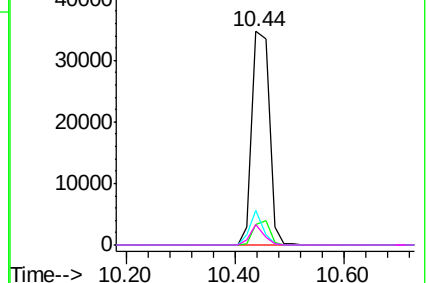


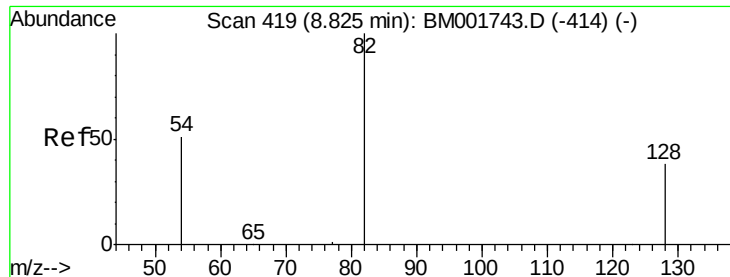
Abundance Ion 136.00 (135.70 to 136.70): BM001743.D (-542) (-)

Ion 137.00 (136.70 to 137.70): BM001743.D (-542) (-)

Ion 54.00 (53.70 to 54.70): BM001743.D (-542) (-)

Ion 68.00 (67.70 to 68.70): BM001743.D (-542) (-)





#7

Nitrobenzene-d5

Concen: 7.38 ng

RT: 8.83 min Scan# 419

Delta R.T. 0.00 min

Lab File: BM001756.D

Acq: 19 Jun 2015 11:32

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-D-B

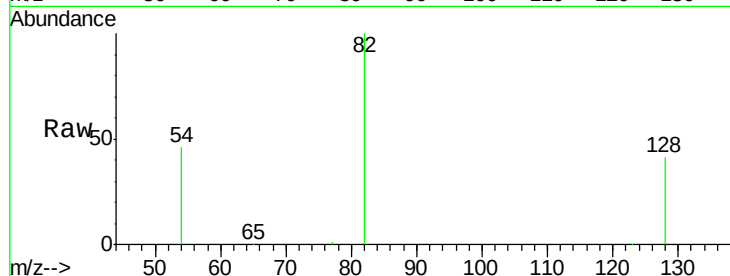
Tgt Ion: 82 Resp: 44033

Ion Ratio Lower Upper

82 100

128 40.9 31.3 46.9

54 45.9 41.9 62.9

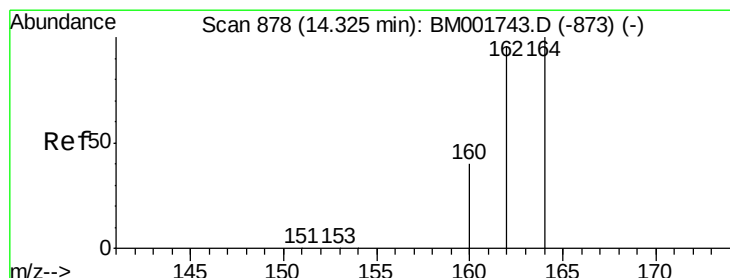
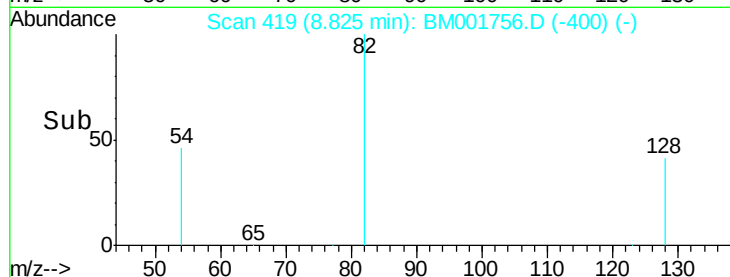


Abundance Ion 82.00 (81.70 to 82.70): BM001756.D (-400) (-)

Ion 128.00 (127.70 to 128.70): BM001756.D (-400) (-)

Ion 54.00 (53.70 to 54.70): BM001756.D (-400) (-)

Time--> 8.60 8.70 8.80 8.90 9.00



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 878

Delta R.T. 0.00 min

Lab File: BM001756.D

Acq: 19 Jun 2015 11:32

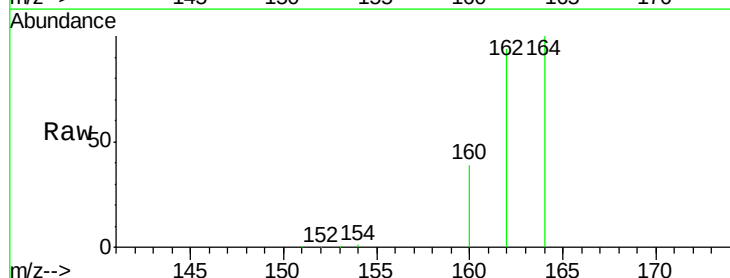
Tgt Ion: 164 Resp: 37424

Ion Ratio Lower Upper

164 100

162 94.2 76.6 114.8

160 38.6 31.8 47.8

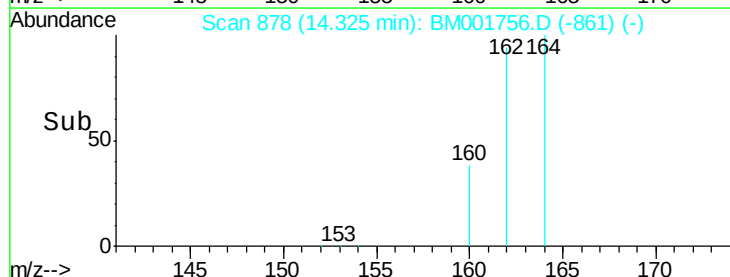


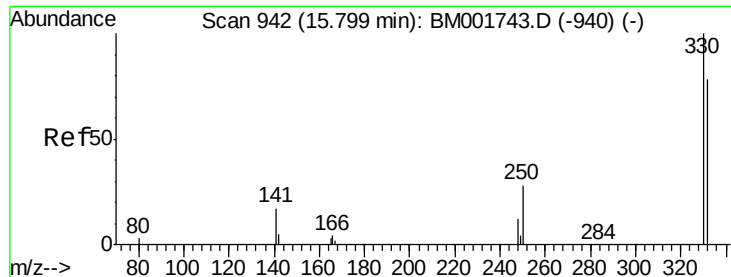
Abundance Ion 164.00 (163.70 to 164.70): BM001756.D (-861) (-)

Ion 162.00 (161.70 to 162.70): BM001756.D (-861) (-)

Ion 160.00 (159.70 to 160.70): BM001756.D (-861) (-)

Time--> 14.20 14.30 14.40 14.50

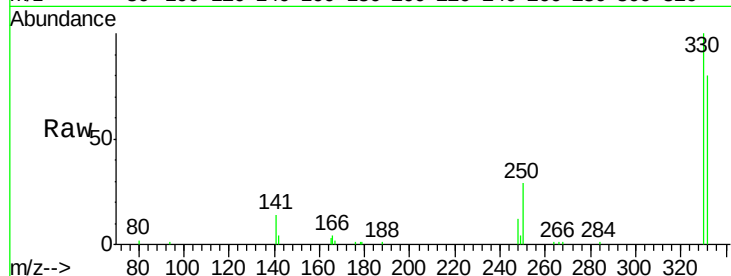




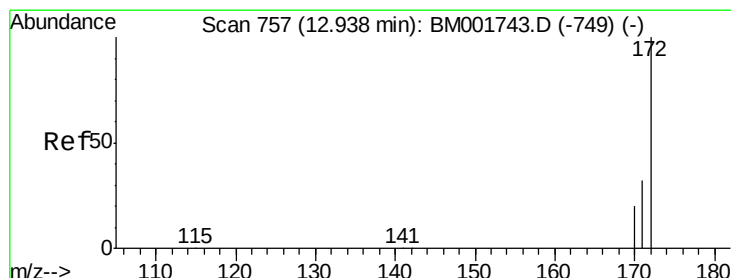
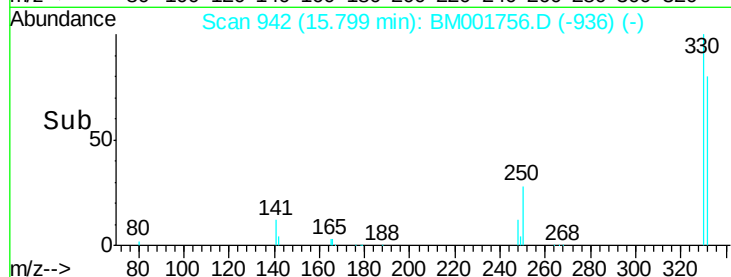
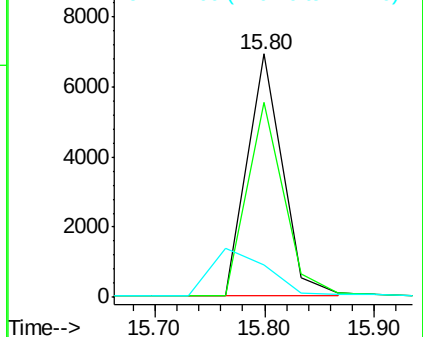
#13
 2,4,6-Tribromophenol
 Concen: 13.07 ng
 RT: 15.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001756.D
 Acq: 19 Jun 2015 11:32

Instrument :
 BNA_M
 ClientSampleId :
 061715-P22-E-D-B

Tgt Ion: 330 Resp: 15269
 Ion Ratio Lower Upper
 330 100
 332 83.0 65.8 98.8
 141 0.0 0.0 0.0

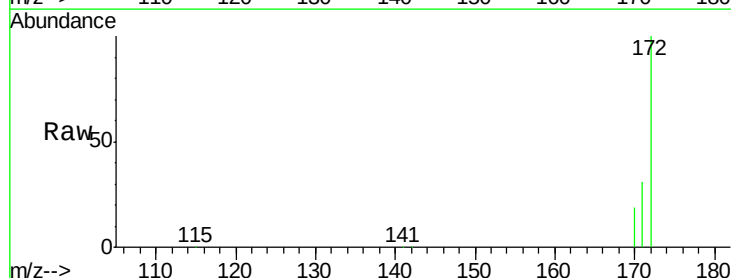


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

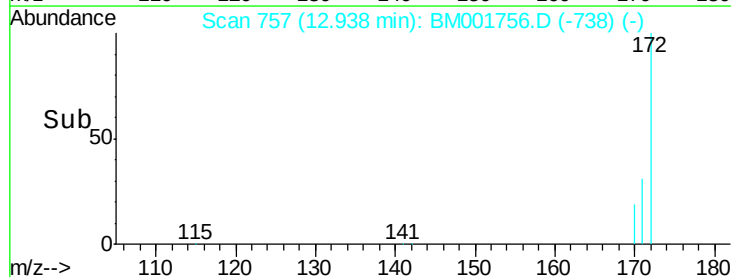
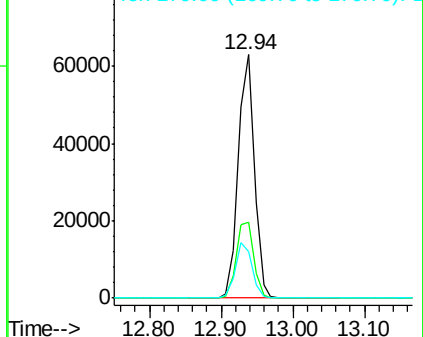


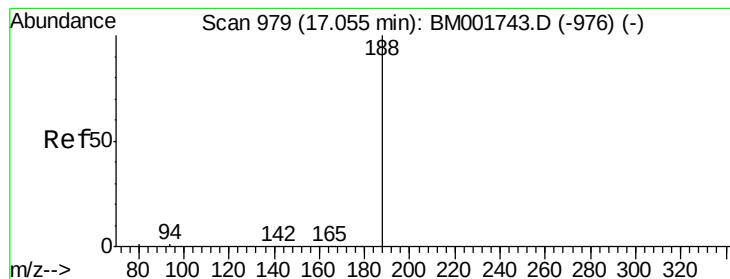
#14
 2-Fluorobiphenyl
 Concen: 7.20 ng
 RT: 12.94 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BM001756.D
 Acq: 19 Jun 2015 11:32

Tgt Ion: 172 Resp: 96301
 Ion Ratio Lower Upper
 172 100
 171 31.4 26.2 39.2
 170 19.3 16.6 24.8



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: 17.06 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM001756.D

Acq: 19 Jun 2015 11:32

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-D-B

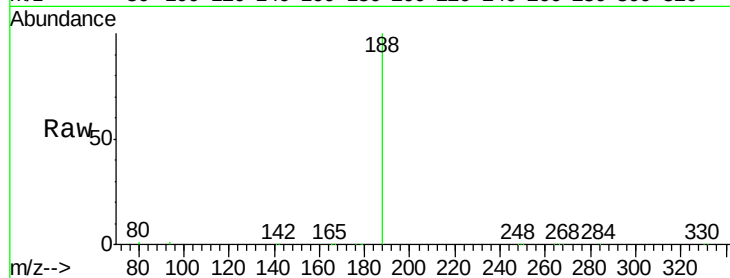
Tgt Ion:188 Resp: 86772

Ion Ratio Lower Upper

188 100

94 1.3 1.3 1.9#

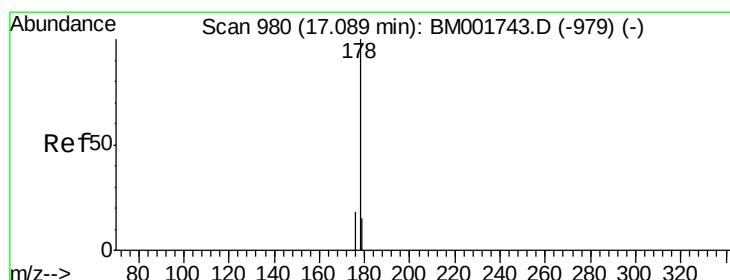
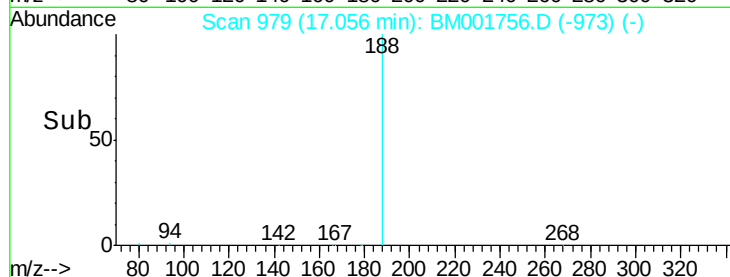
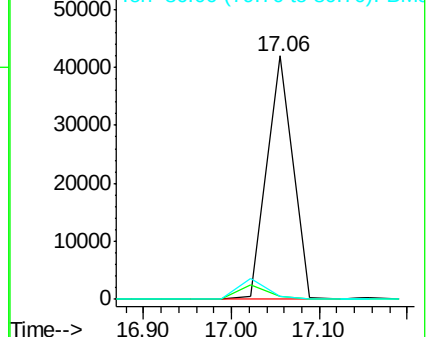
80 1.1 1.0 1.6



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



#22

Phenanthrene

Concen: 0.04 ng

RT: 17.09 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001756.D

Acq: 19 Jun 2015 11:32

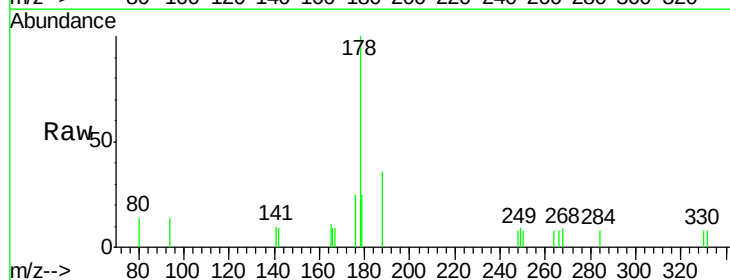
Tgt Ion:178 Resp: 1088

Ion Ratio Lower Upper

178 100

176 18.2 15.4 23.2

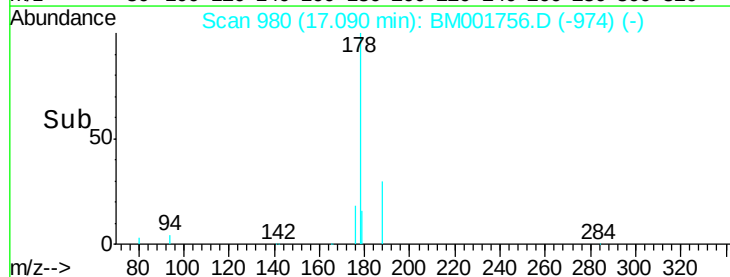
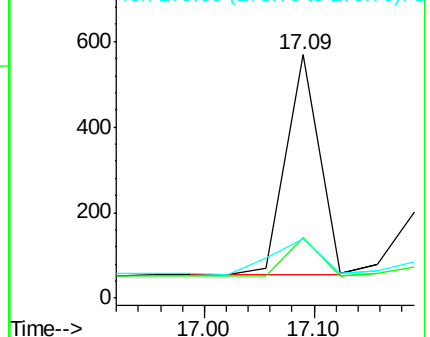
179 23.1 12.6 19.0#

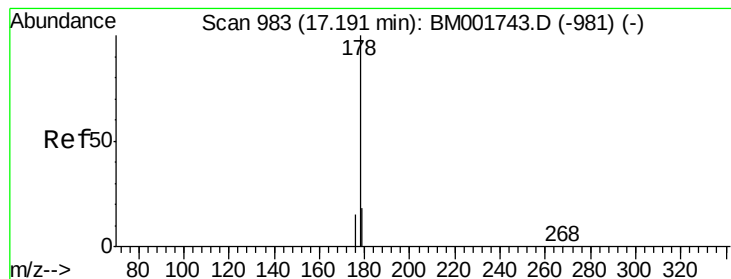


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.02 ng

RT: 17.19 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM001756.D

Acq: 19 Jun 2015 11:32

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ClientSampleId :

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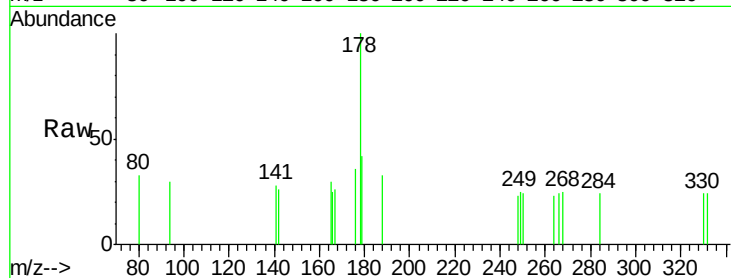
Tgt Ion:178 Resp: 300

Ion Ratio Lower Upper

178 100

176 14.3 10.0 15.0

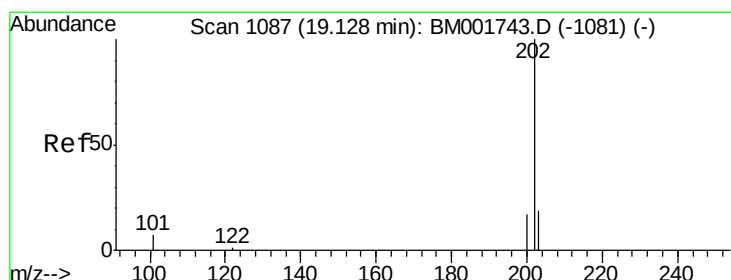
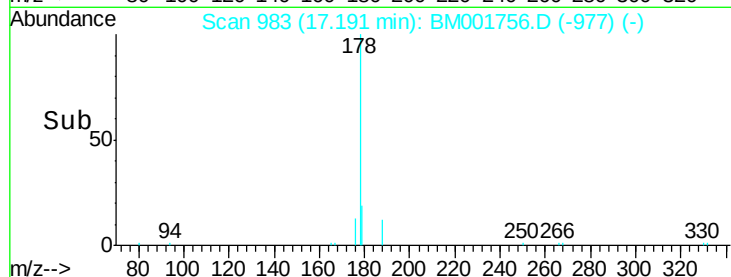
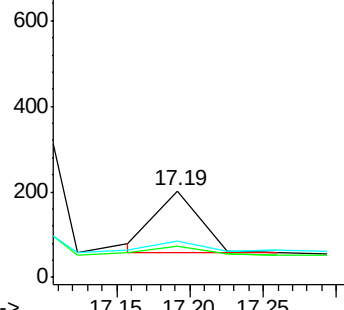
179 16.3 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 0.07 ng

RT: 19.12 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BM001756.D

Acq: 19 Jun 2015 11:32

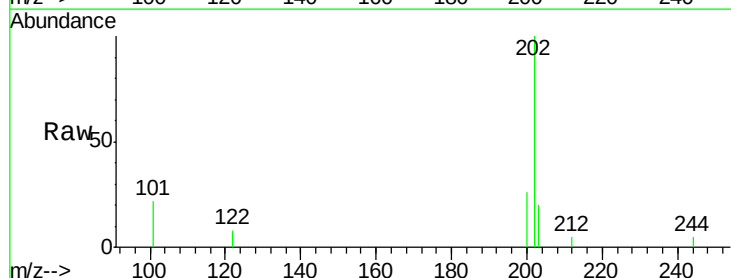
Tgt Ion:202 Resp: 1354

Ion Ratio Lower Upper

202 100

101 15.1 10.8 16.2

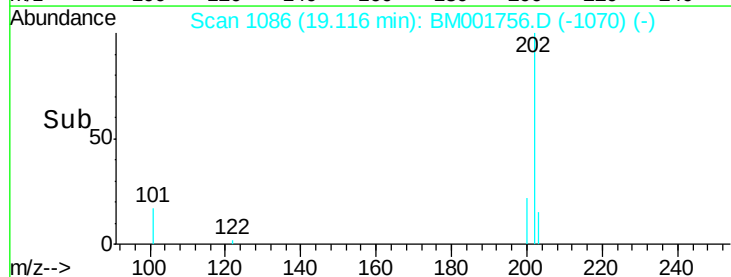
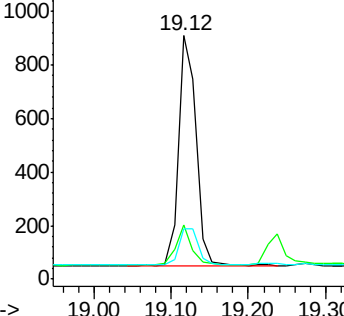
203 17.1 13.8 20.6

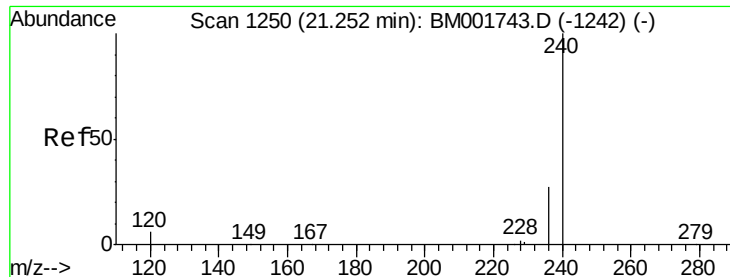


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.25 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BM001756.D

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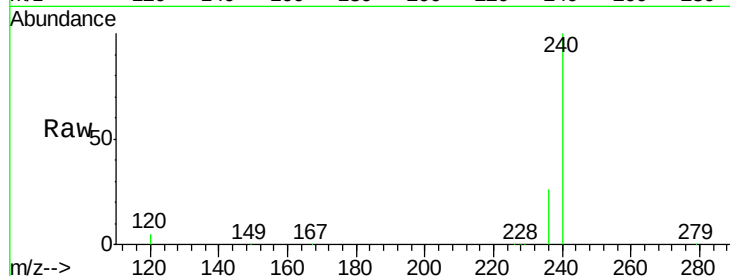
Tgt Ion:240 Resp: 49574

Ion Ratio Lower Upper

240 100

120 5.1 4.7 7.1

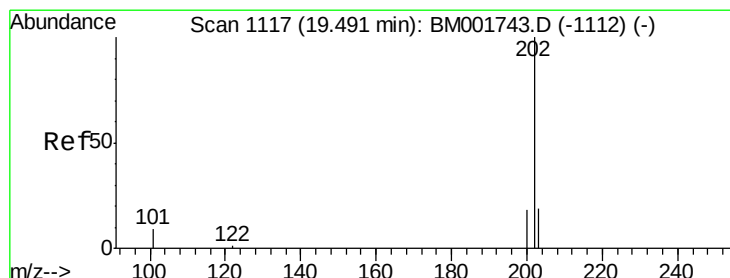
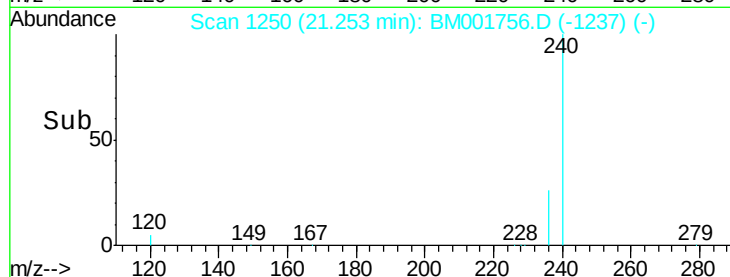
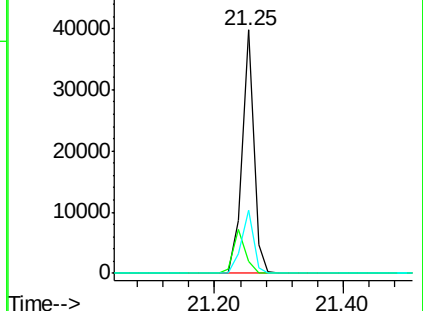
236 26.1 21.6 32.4



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



#26

Pyrene

Concen: 0.08 ng

RT: 19.48 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM001756.D

Acq: 19 Jun 2015 11:32

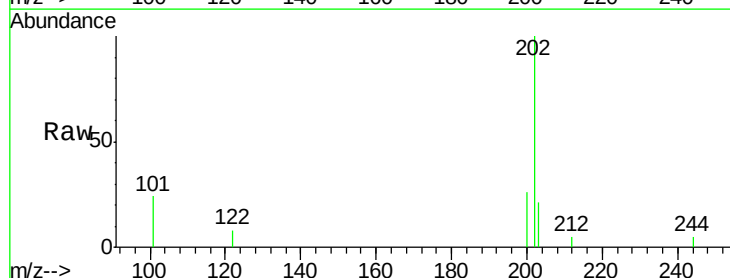
Tgt Ion:202 Resp: 1377

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

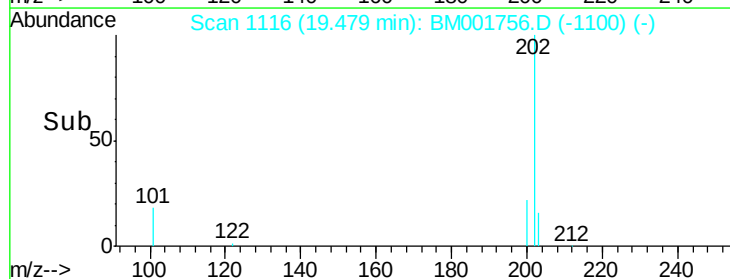
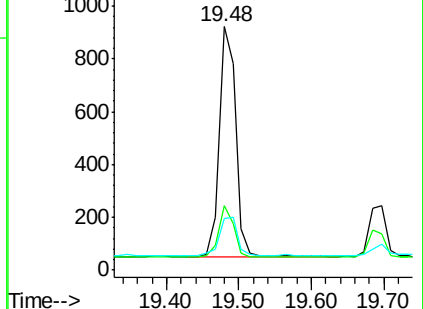
203 19.0 13.9 20.9

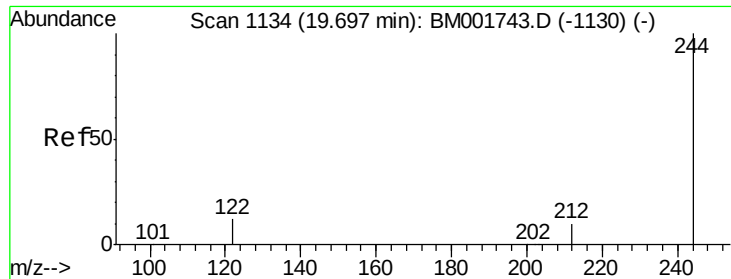


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

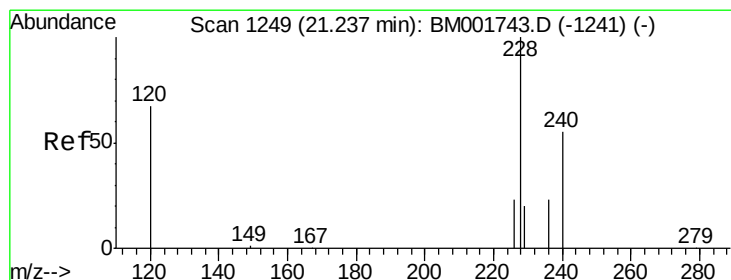
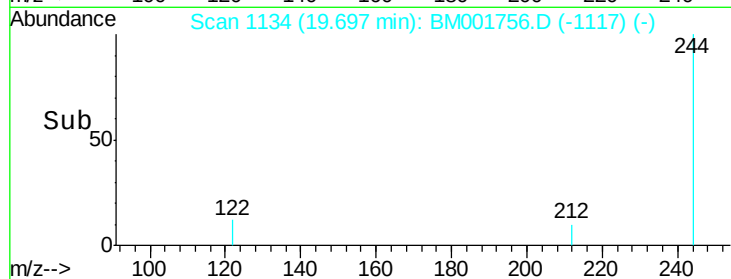
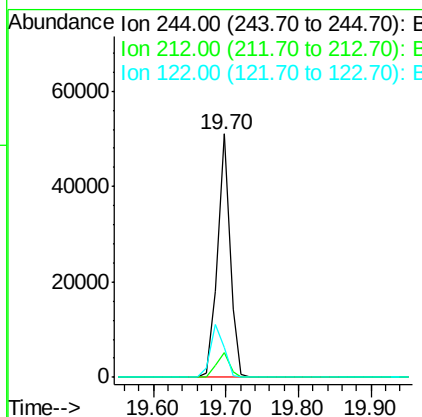
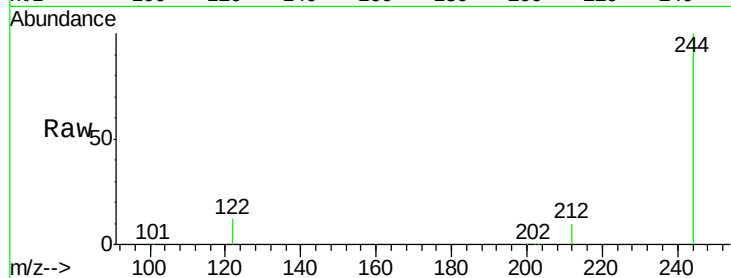




#27
 Terphenyl-d14
 Concen: 8.43 ng
 RT: 19.70 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BM001756.D
 Acq: 19 Jun 2015 11:32

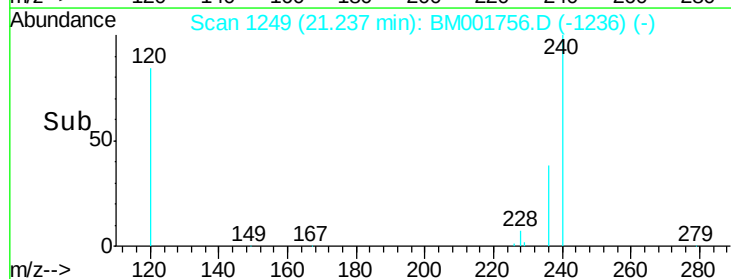
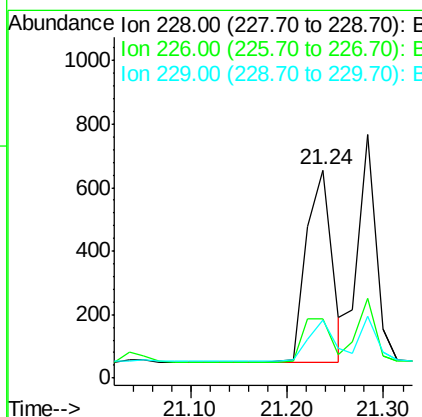
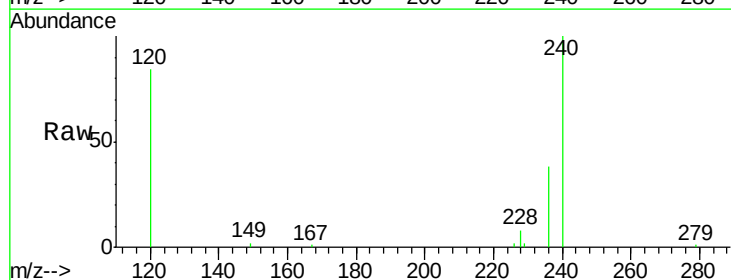
Instrument :
 BNA_M
 ClientSampleId :
 061715-P22-E-D-B

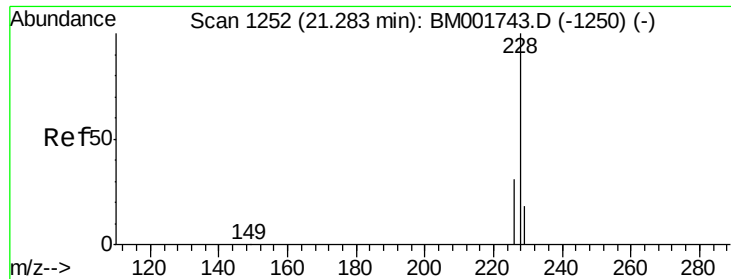
Tgt Ion:244 Resp: 61605
 Ion Ratio Lower Upper
 244 100
 212 10.1 8.6 13.0
 122 12.5 10.6 15.8



#28
 Benzo(a)anthracene
 Concen: 0.07 ng
 RT: 21.24 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BM001756.D
 Acq: 19 Jun 2015 11:32

Tgt Ion:228 Resp: 1108
 Ion Ratio Lower Upper
 228 100
 226 28.2 18.9 28.3
 229 27.9 16.6 25.0#





#29

Chrysene

Concen: 0.05 ng

RT: 21.28 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM001756.D

Acq: 19 Jun 2015 11:32

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-D-B

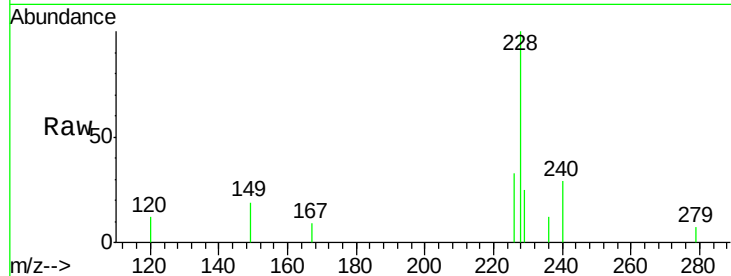
Tgt Ion:228 Resp: 768

Ion Ratio Lower Upper

228 100

226 33.0 24.3 36.5

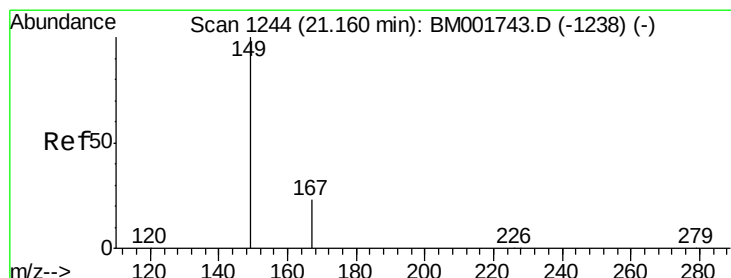
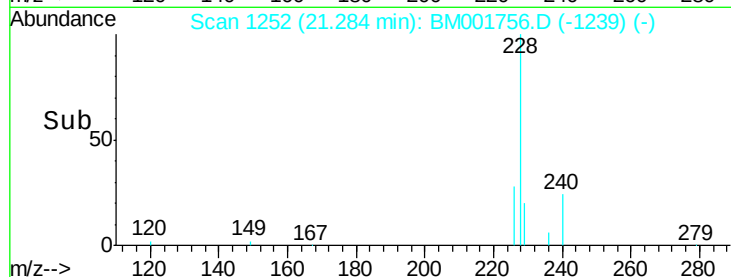
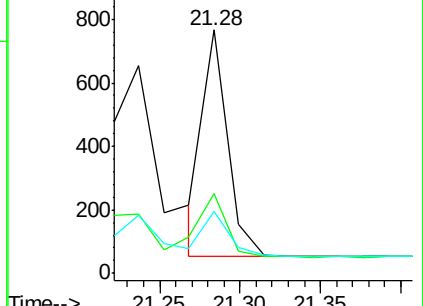
229 25.3 15.0 22.6#



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: 0.16 ng

RT: 21.16 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM001756.D

Acq: 19 Jun 2015 11:32

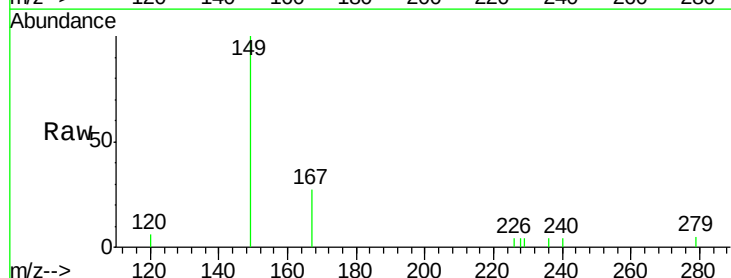
Tgt Ion:149 Resp: 1379

Ion Ratio Lower Upper

149 100

167 23.6 19.7 29.5

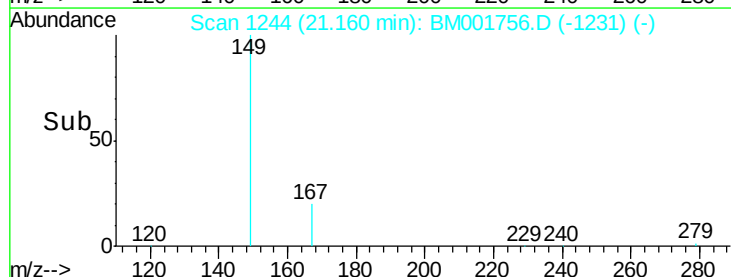
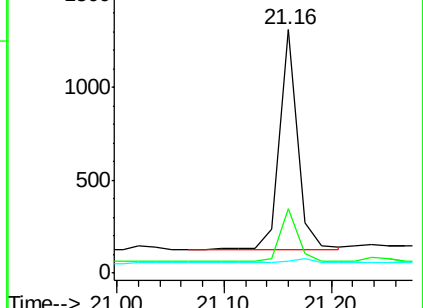
279 2.3 1.6 2.4

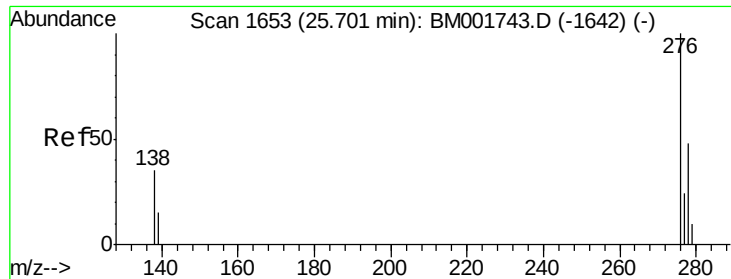


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.04 ng

RT: 25.70 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BM001756.D

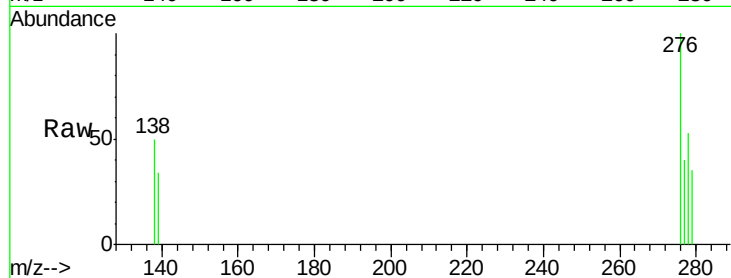
Acq: 19 Jun 2015 11:32

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-D-B



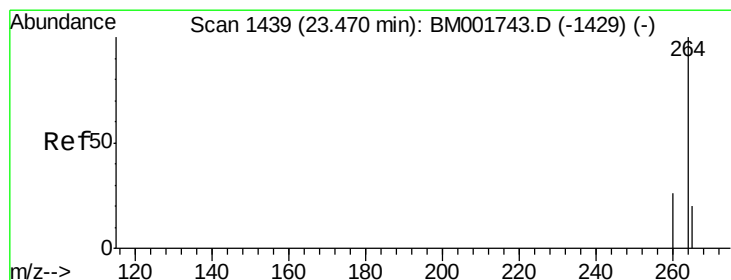
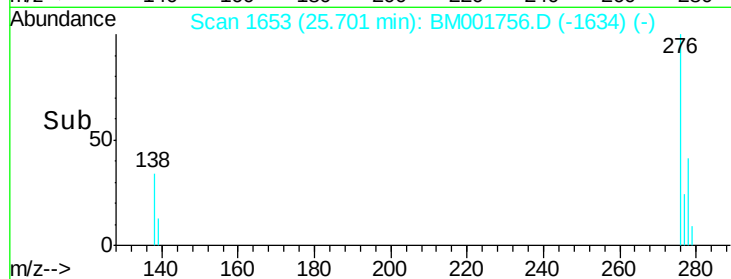
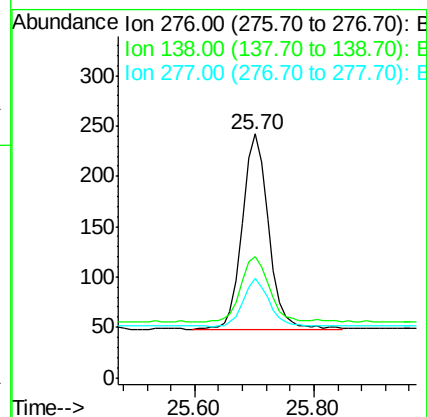
Tgt Ion:276 Resp: 590

Ion Ratio Lower Upper

276 100

138 35.6 29.0 43.6

277 26.4 19.7 29.5



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.47 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BM001756.D

Acq: 19 Jun 2015 11:32

Tgt Ion:264 Resp: 42307

Ion Ratio Lower Upper

264 100

260 26.0 20.8 31.2

265 21.2 16.8 25.2

