

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
 Data File : BM001408.D
 Acq On : 23 May 2015 07:36
 Operator : TP/IZ
 Sample : G2352-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 052115-P20-E-D-S

Quant Time: May 25 08:55:59 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM052215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 23 04:45:39 2015
 Response via : Initial Calibration

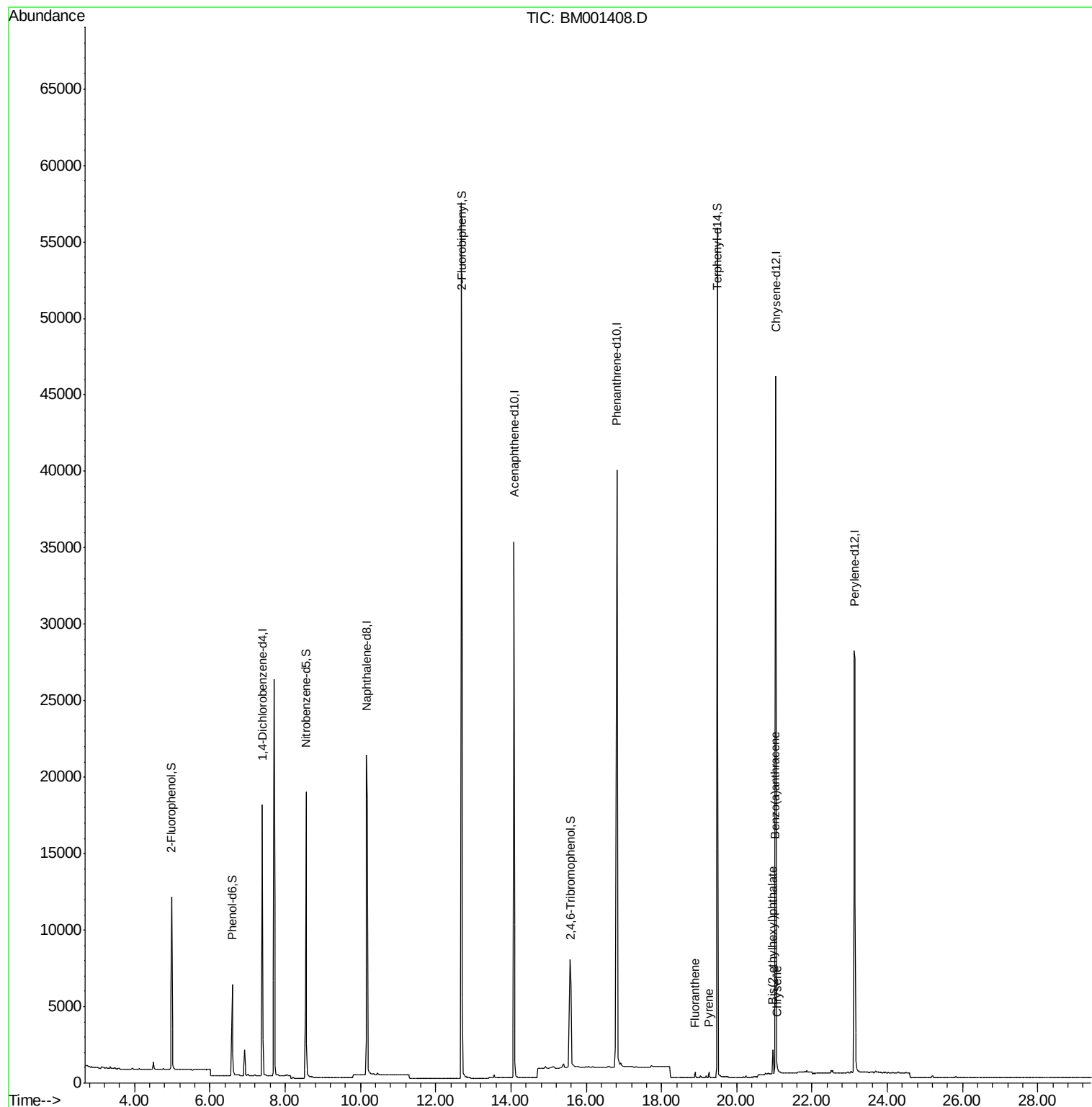
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	9924	5.00	ng	0.00
6) Naphthalene-d8	10.16	136	35743	5.00	ng	-0.02
12) Acenaphthene-d10	14.08	164	21424	5.00	ng	0.00
18) Phenanthrene-d10	16.82	188	78591	5.00	ng	0.00
25) Chrysene-d12	21.04	240	42520	5.00	ng	0.00
32) Perylene-d12	23.13	264	36404	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.99	112	8733	4.45	ng	0.00
5) Phenol-d6	6.60	99	6349	2.79	ng	0.00
7) Nitrobenzene-d5	8.55	82	15811	7.66	ng	0.00
13) 2,4,6-Tribromophenol	15.59	330	6575	9.88	ng	0.00
14) 2-Fluorobiphenyl	12.69	172	53554	8.12	ng	0.00
27) Terphenyl-d14	19.48	244	55638	9.67	ng	-0.01
Target Compounds						
24) Fluoranthene	18.90	202	320	0.02	ng	# 92
26) Pyrene	19.26	202	349	0.03	ng	99
28) Benzo(a)anthracene	21.02	228	384	0.03	ng	# 68
29) Chrysene	21.07	228	224m	0.02	ng	
30) Bis(2-ethylhexyl)phthalate	20.96	149	1568	0.23	ng	98

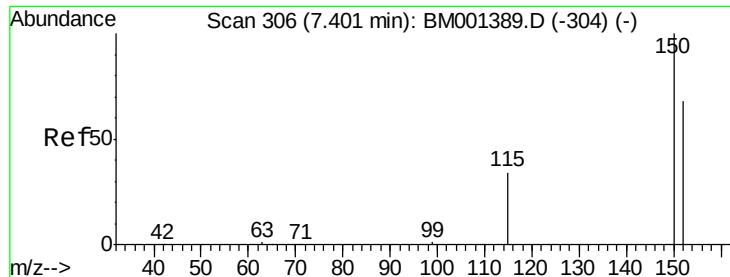
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.40 min Scan# 306

Delta R.T. 0.00 min

Lab File: BM001408.D

Acq: 23 May 2015 07:36

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-D-S

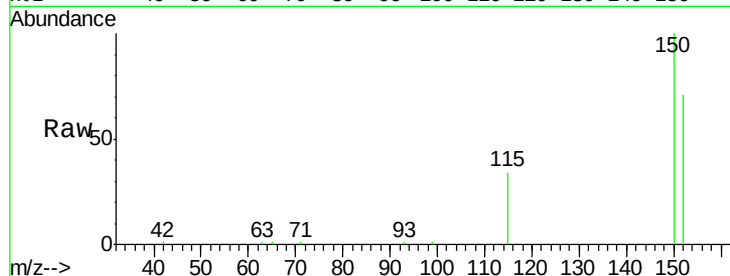
Tgt Ion:152 Resp: 9924

Ion Ratio Lower Upper

152 100

150 140.5 119.0 178.6

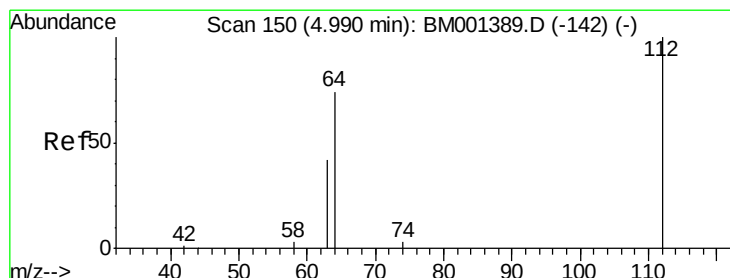
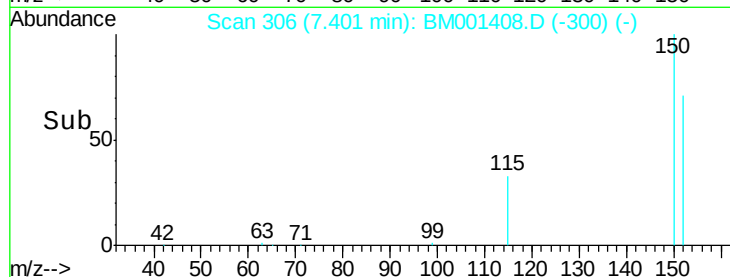
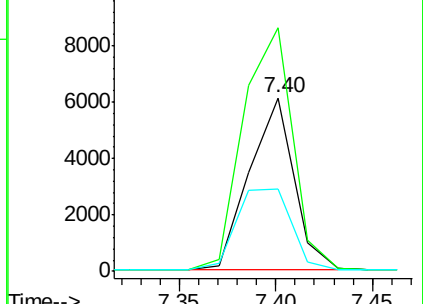
115 47.3 41.8 62.8



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



#4

2-Fluorophenol

Concen: 4.45 ng

RT: 4.99 min Scan# 150

Delta R.T. 0.00 min

Lab File: BM001408.D

Acq: 23 May 2015 07:36

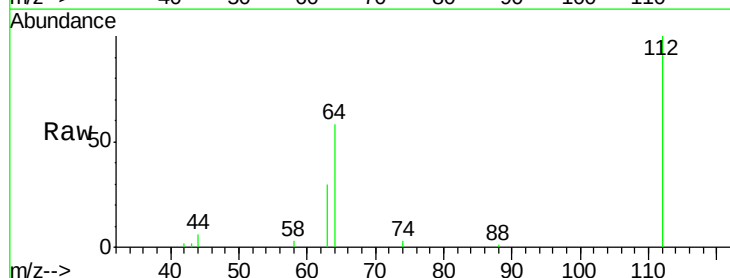
Tgt Ion:112 Resp: 8733

Ion Ratio Lower Upper

112 100

64 63.8 51.7 77.5

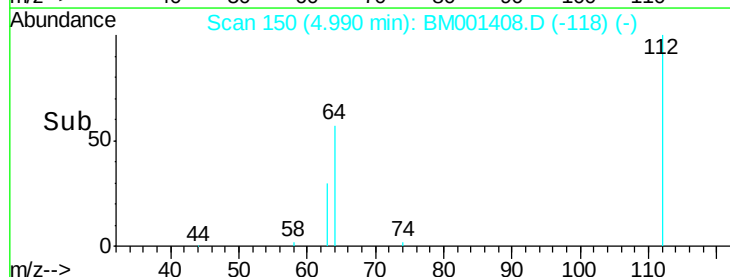
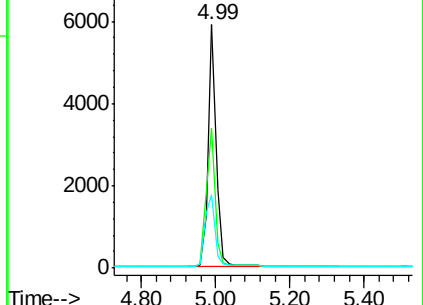
63 37.0 29.7 44.5

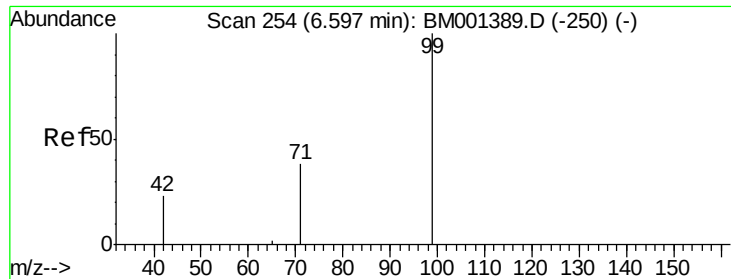


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 2.79 ng

RT: 6.60 min Scan# 254

Delta R.T. 0.00 min

Lab File: BM001408.D

Acq: 23 May 2015 07:36

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-D-S

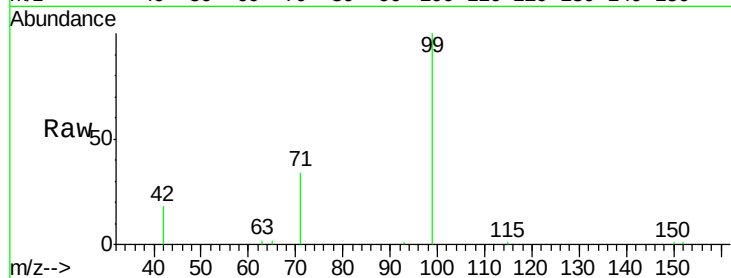
Tgt Ion: 99 Resp: 6349

Ion Ratio Lower Upper

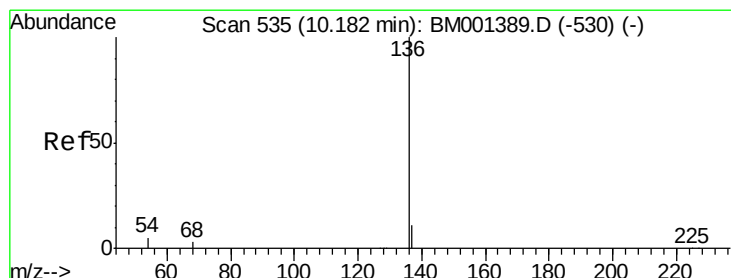
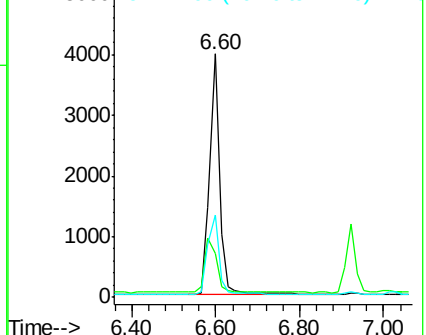
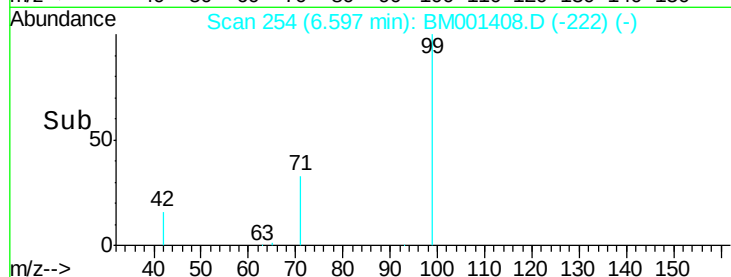
99 100

42 25.9 21.8 32.6

71 37.0 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BM001408.D (-222) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.16 min Scan# 534

Delta R.T. -0.02 min

Lab File: BM001408.D

Acq: 23 May 2015 07:36

Tgt Ion: 136 Resp: 35743

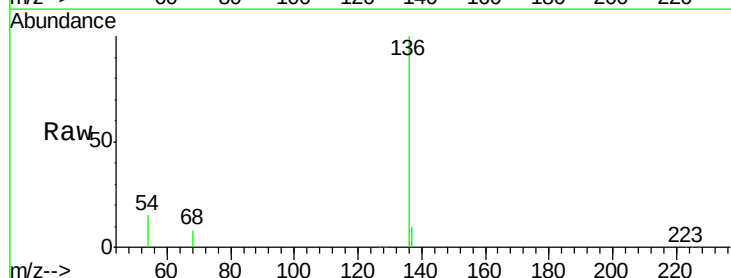
Ion Ratio Lower Upper

136 100

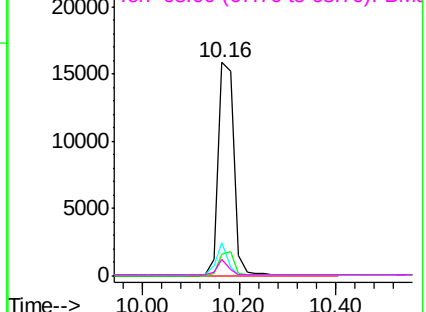
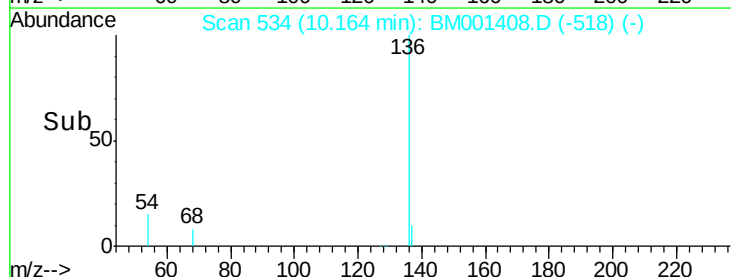
137 10.1 9.1 13.7

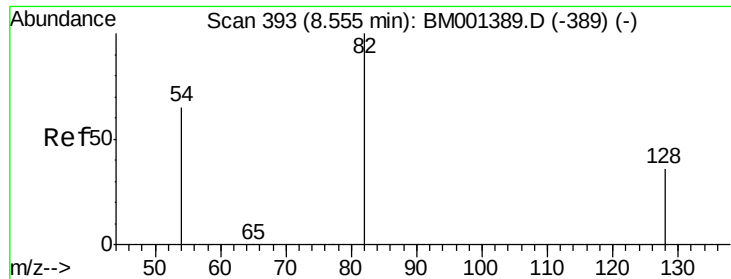
54 15.3 4.3 6.5#

68 7.9 2.6 4.0#



Abundance Ion 136.00 (135.70 to 136.70): BM001408.D (-518) (-)





#7

Nitrobenzene-d5

Concen: 7.66 ng

RT: 8.55 min Scan# 393

Delta R.T. 0.00 min

Lab File: BM001408.D

Acq: 23 May 2015 07:36

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-D-S

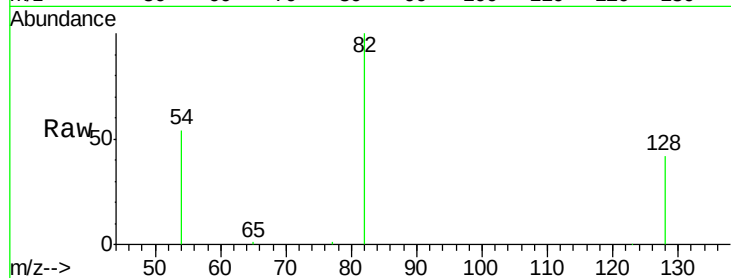
Tgt Ion: 82 Resp: 15811

Ion Ratio Lower Upper

82 100

128 42.2 30.2 45.4

54 53.8 52.9 79.3

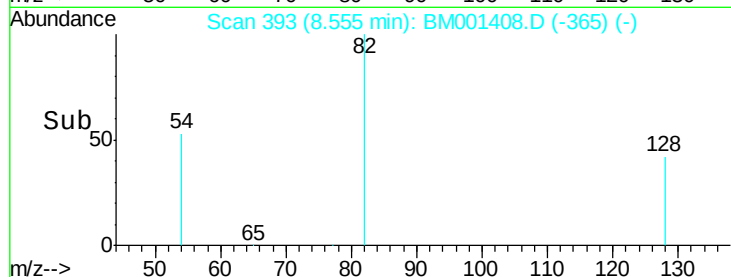


Abundance Ion 82.00 (81.70 to 82.70): BM001408.D (-365) (-)

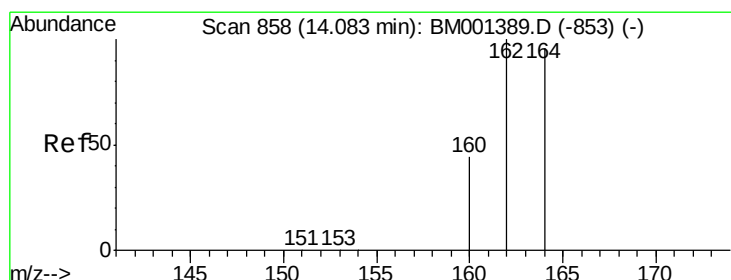
Ion 128.00 (127.70 to 128.70): BM001408.D (-365) (-)

Ion 54.00 (53.70 to 54.70): BM001408.D (-365) (-)

Time-->



Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.08 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM001408.D

Acq: 23 May 2015 07:36

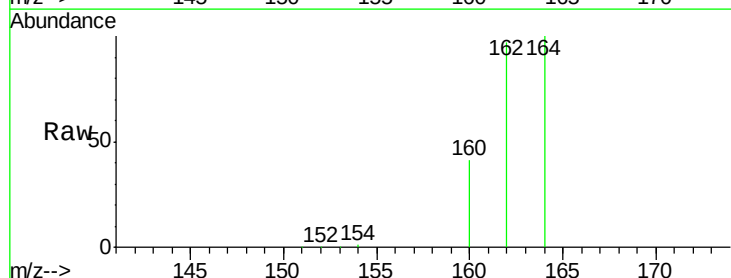
Tgt Ion: 164 Resp: 21424

Ion Ratio Lower Upper

164 100

162 97.5 83.4 125.2

160 40.8 36.9 55.3

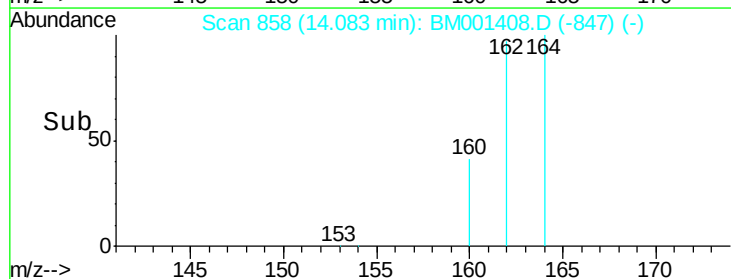


Abundance Ion 164.00 (163.70 to 164.70): BM001408.D (-847) (-)

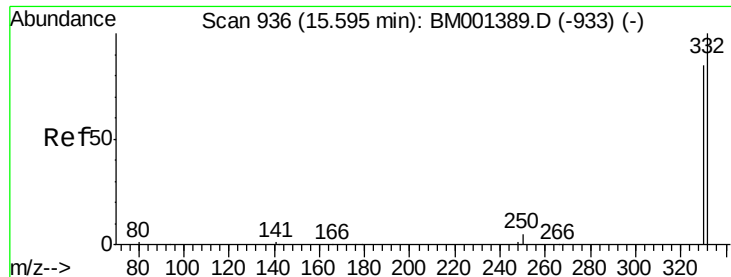
Ion 162.00 (161.70 to 162.70): BM001408.D (-847) (-)

Ion 160.00 (159.70 to 160.70): BM001408.D (-847) (-)

Time-->



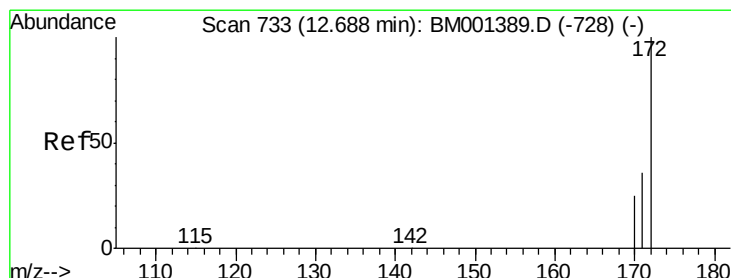
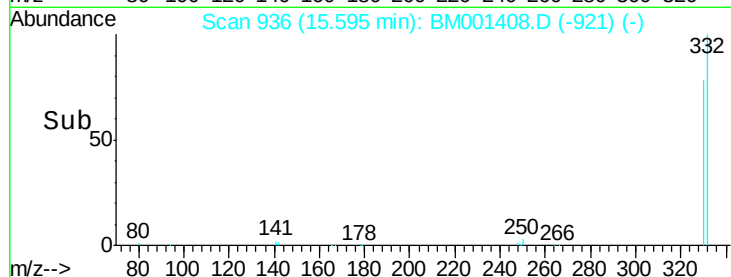
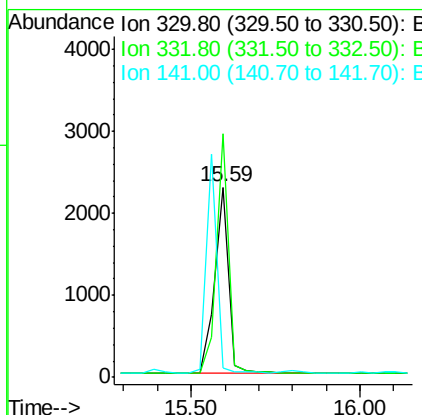
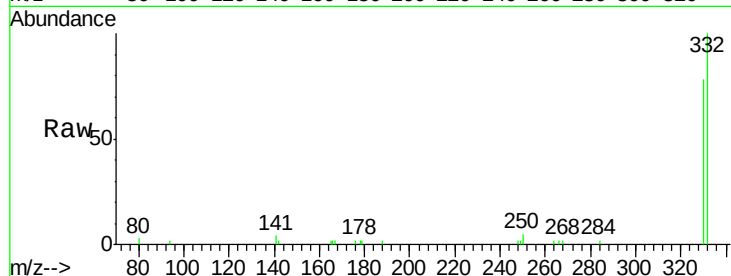
Time-->



#13
 2,4,6-Tribromophenol
 Concen: 9.88 ng
 RT: 15.59 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BM001408.D
 Acq: 23 May 2015 07:36

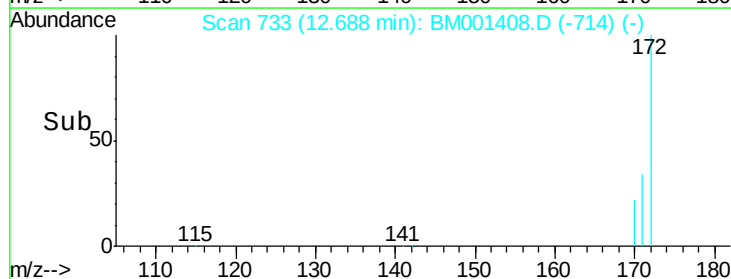
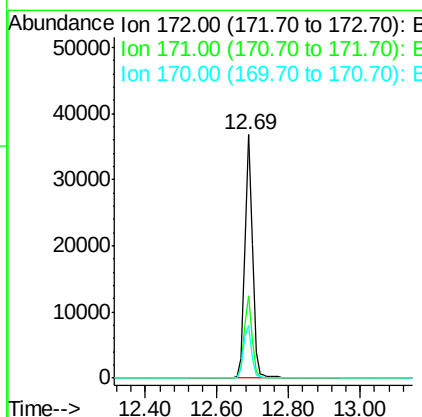
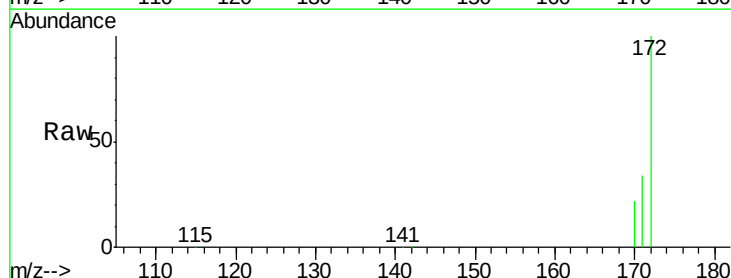
Instrument :
 BNA_M
 ClientSampleId :
 052115-P20-E-D-S

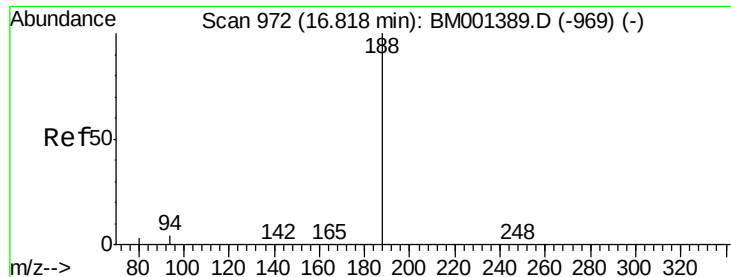
Tgt Ion:330 Resp: 6575
 Ion Ratio Lower Upper
 330 100
 332 111.4 90.3 135.5
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 8.12 ng
 RT: 12.69 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BM001408.D
 Acq: 23 May 2015 07:36

Tgt Ion:172 Resp: 53554
 Ion Ratio Lower Upper
 172 100
 171 33.8 29.4 44.0
 170 21.7 20.2 30.4

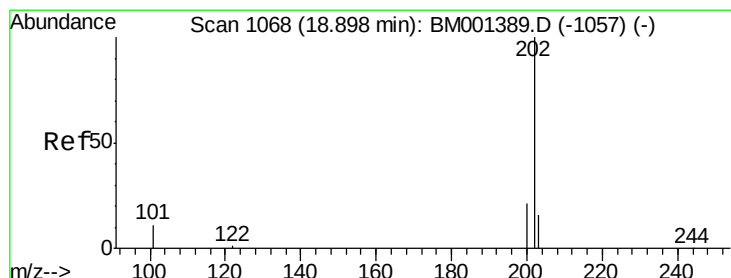
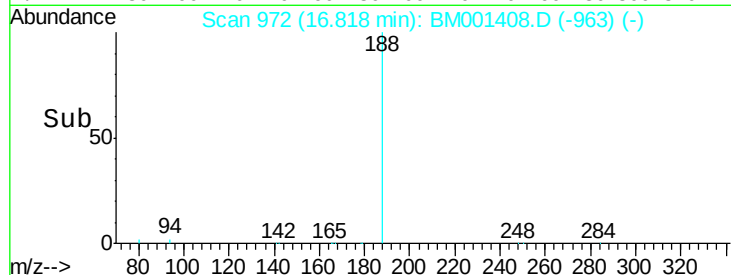
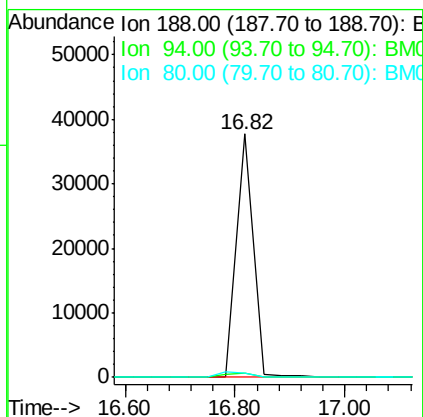
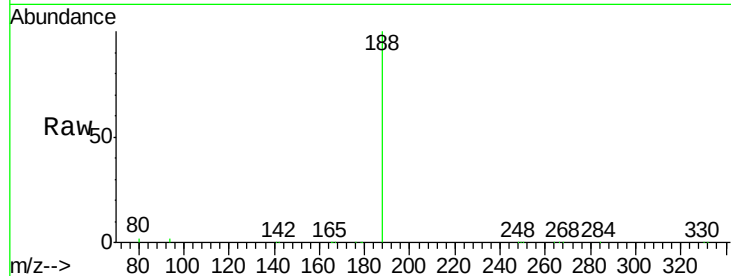




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.82 min Scan# 972
Delta R.T. 0.00 min
Lab File: BM001408.D
Acq: 23 May 2015 07:36

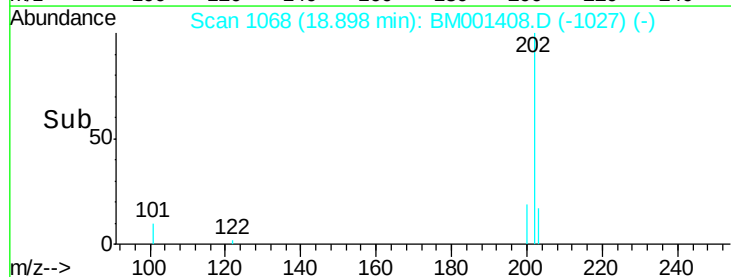
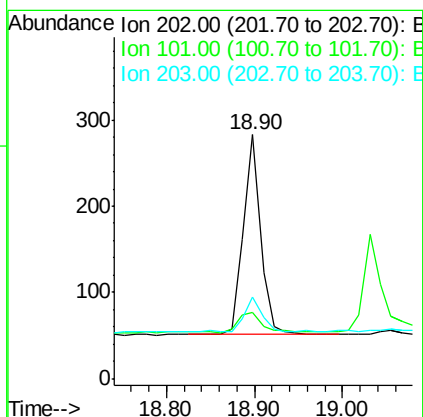
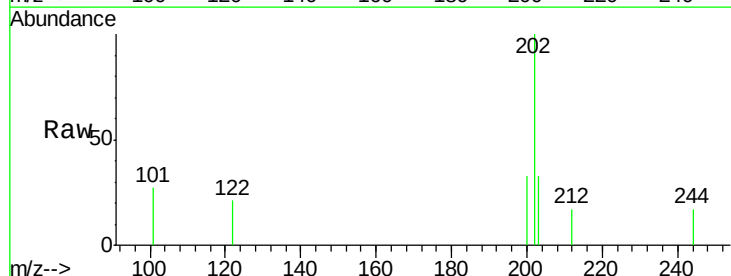
Instrument :
BNA_M
ClientSampleId :
052115-P20-E-D-S

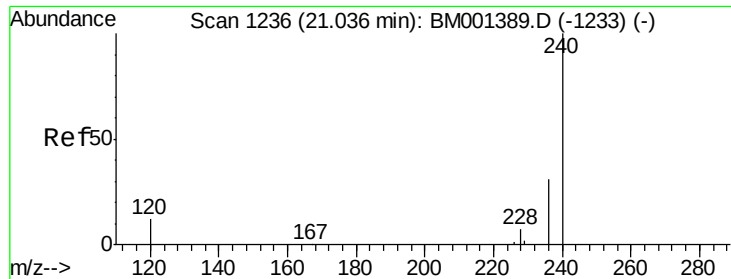
Tgt Ion:188 Resp: 78591
Ion Ratio Lower Upper
188 100
94 1.9 3.0 4.4#
80 1.7 2.5 3.7#



#24
Fluoranthene
Concen: 0.02 ng
RT: 18.90 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BM001408.D
Acq: 23 May 2015 07:36

Tgt Ion:202 Resp: 320
Ion Ratio Lower Upper
202 100
101 16.3 8.6 12.8#
203 19.1 13.8 20.6

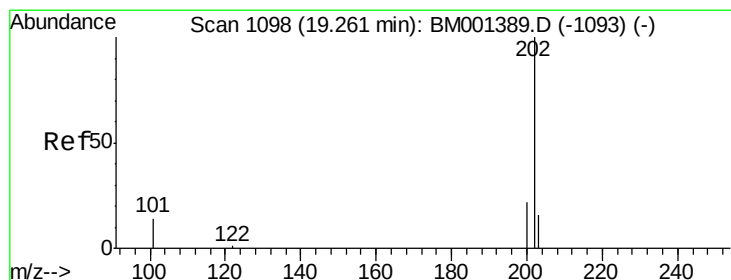
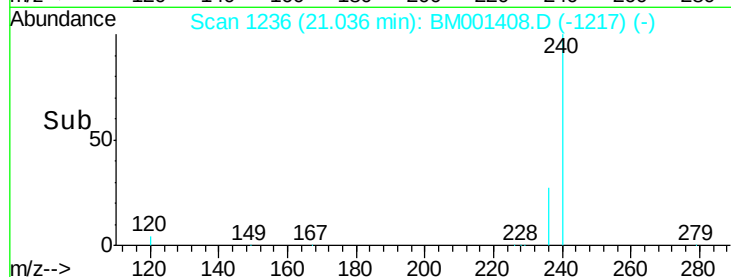
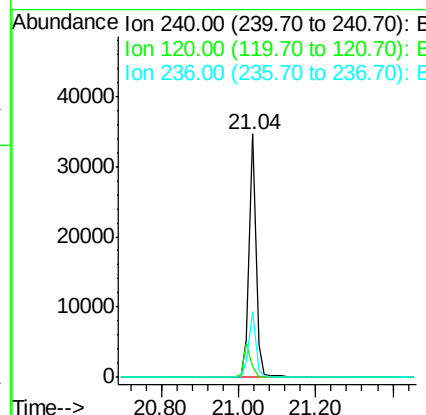
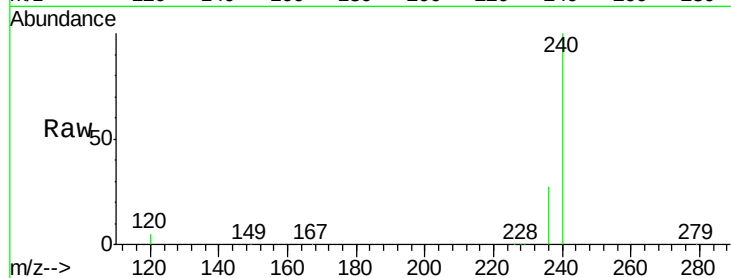




#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.04 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BM001408.D
 Acq: 23 May 2015 07:36

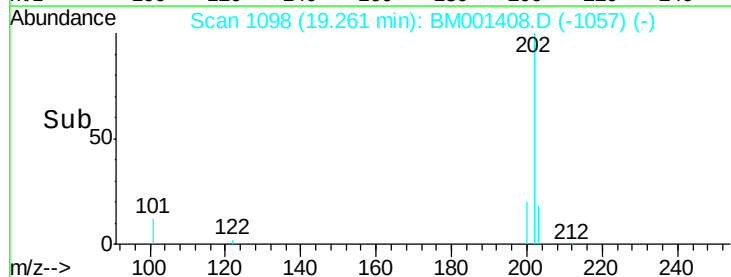
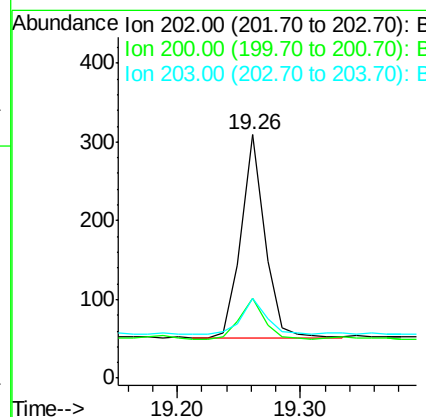
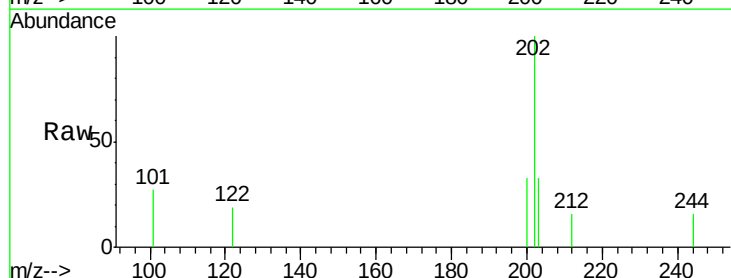
Instrument :
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 052115-P20-E-D-S

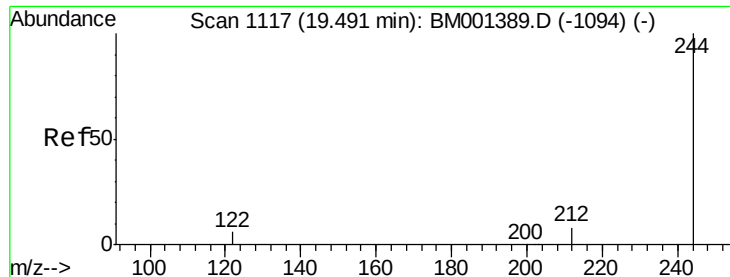
Tgt Ion: 240 Resp: 42520
 Ion Ratio Lower Upper
 240 100
 120 4.5 9.7 14.5#
 236 27.1 24.8 37.2



#26
 Pyrene
 Concen: 0.03 ng
 RT: 19.26 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BM001408.D
 Acq: 23 May 2015 07:36

Tgt Ion: 202 Resp: 349
 Ion Ratio Lower Upper
 202 100
 200 20.1 16.4 24.6
 203 17.8 13.9 20.9





#27

Terphenyl-d14

Concen: 9.67 ng

RT: 19.48 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM001408.D

Acq: 23 May 2015 07:36

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-D-S

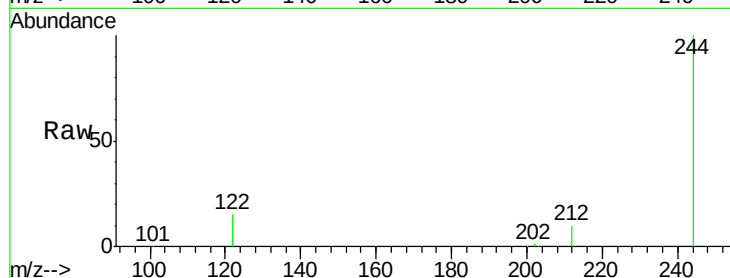
Tgt Ion:244 Resp: 55638

Ion Ratio Lower Upper

244 100

212 10.3 7.2 10.8

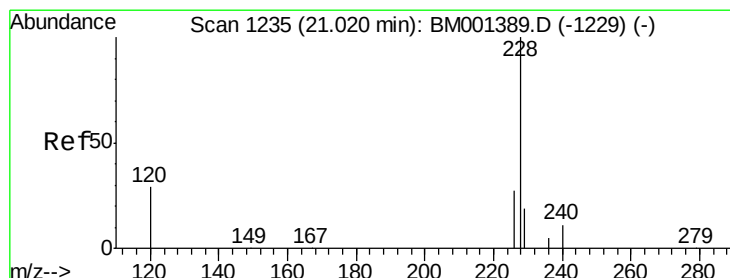
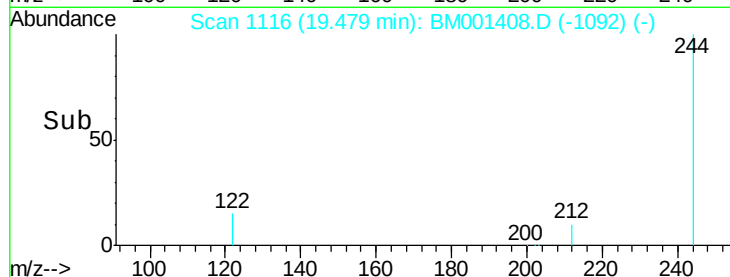
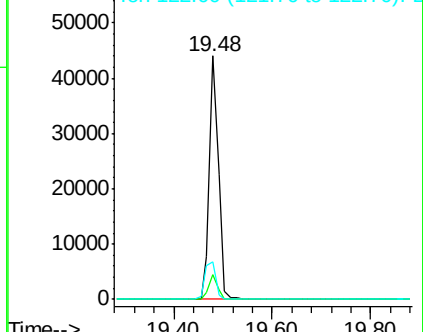
122 15.2 5.1 7.7#



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: 21.02 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BM001408.D

Acq: 23 May 2015 07:36

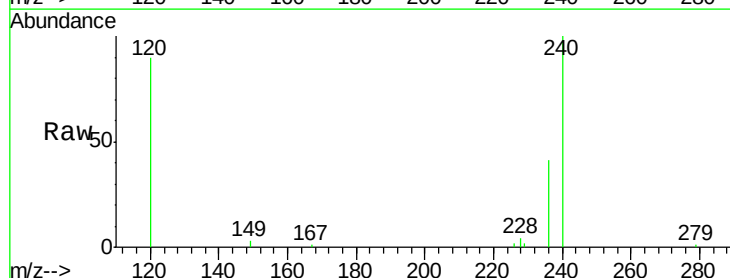
Tgt Ion:228 Resp: 384

Ion Ratio Lower Upper

228 100

226 38.8 21.9 32.9#

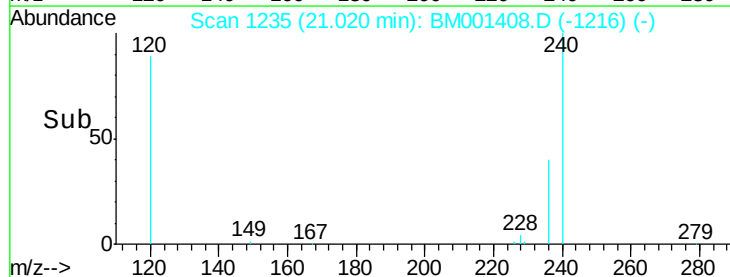
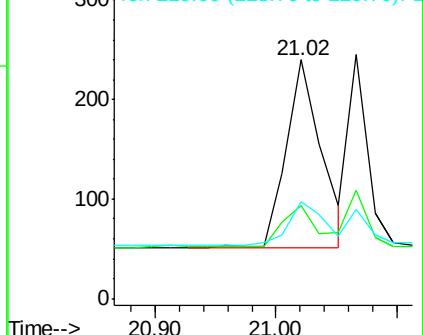
229 40.4 15.1 22.7#

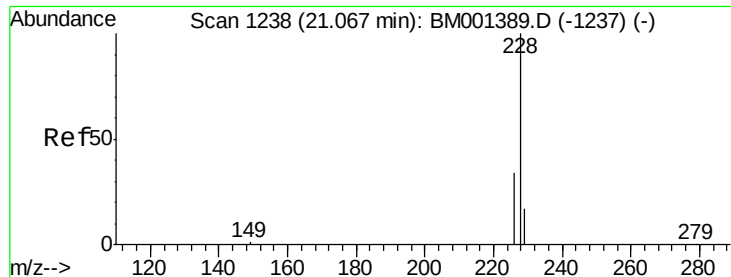


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.02 ng m

RT: 21.07 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BM001408.D

Acq: 23 May 2015 07:36

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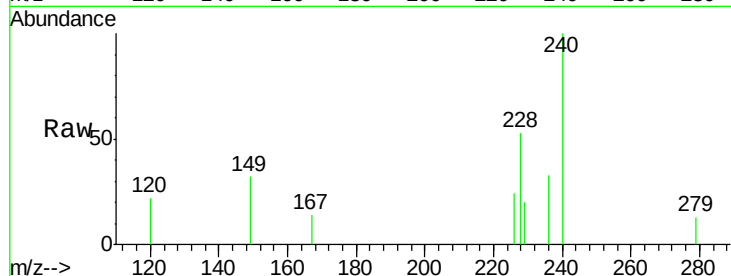
Tgt Ion:228 Resp: 224

Ion Ratio Lower Upper

228 100

226 44.5 27.6 41.4#

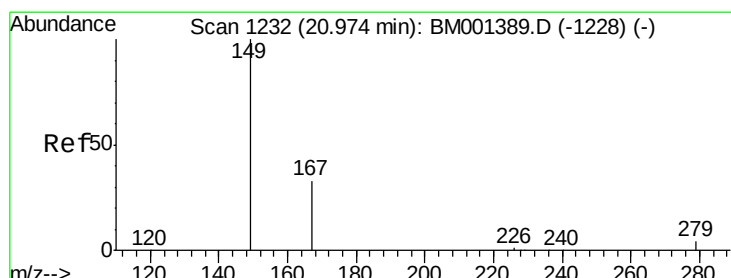
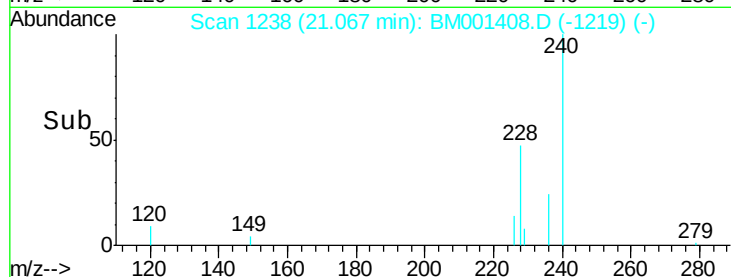
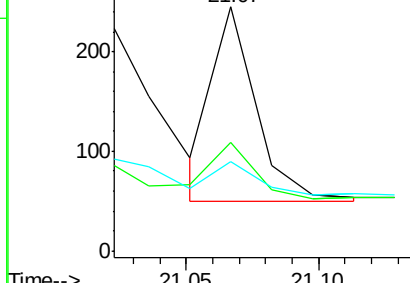
229 36.7 13.6 20.4#



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: 0.23 ng

RT: 20.96 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM001408.D

Acq: 23 May 2015 07:36

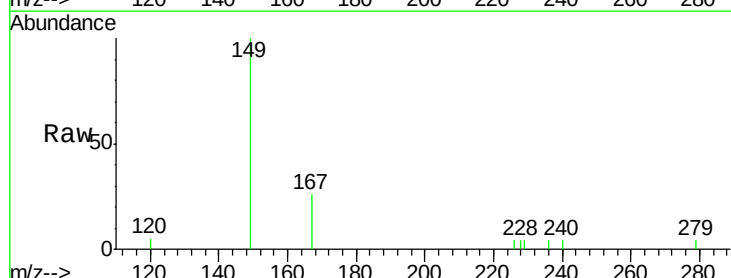
Tgt Ion:149 Resp: 1568

Ion Ratio Lower Upper

149 100

167 25.0 21.0 31.6

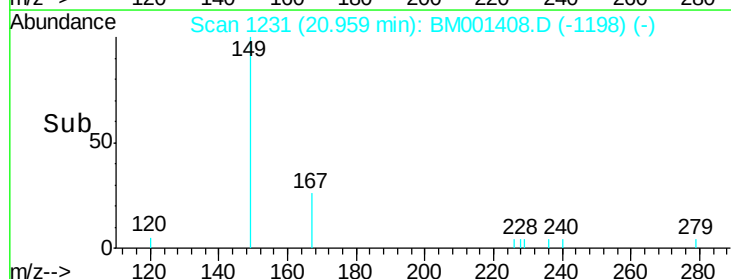
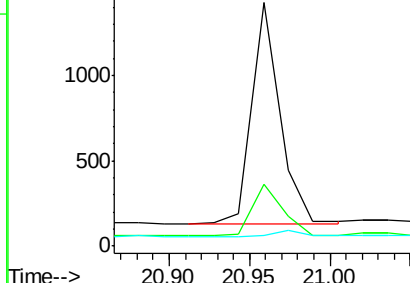
279 2.8 2.2 3.2

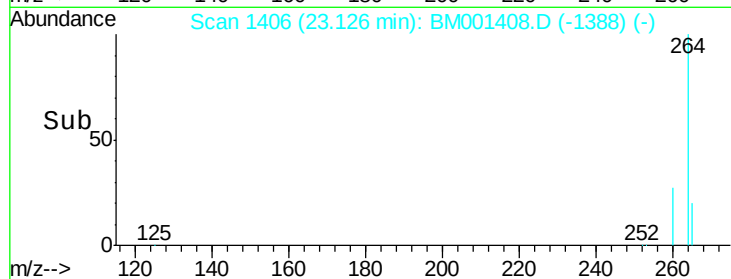
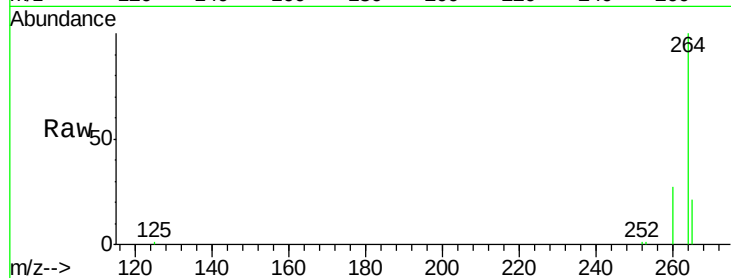
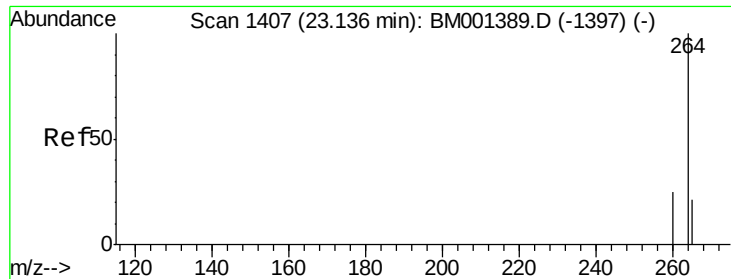


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.13 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BM001408.D

Acq: 23 May 2015 07:36

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-D-S

Tgt Ion: 264 Resp: 36404

Ion Ratio Lower Upper

264 100

260 26.9 20.1 30.1

265 20.8 17.1 25.7

