

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
 Data File : BM001409.D
 Acq On : 23 May 2015 08:11
 Operator : TP/IZ
 Sample : G2352-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 052115-P20-E-U-B

Quant Time: May 25 08:57:35 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

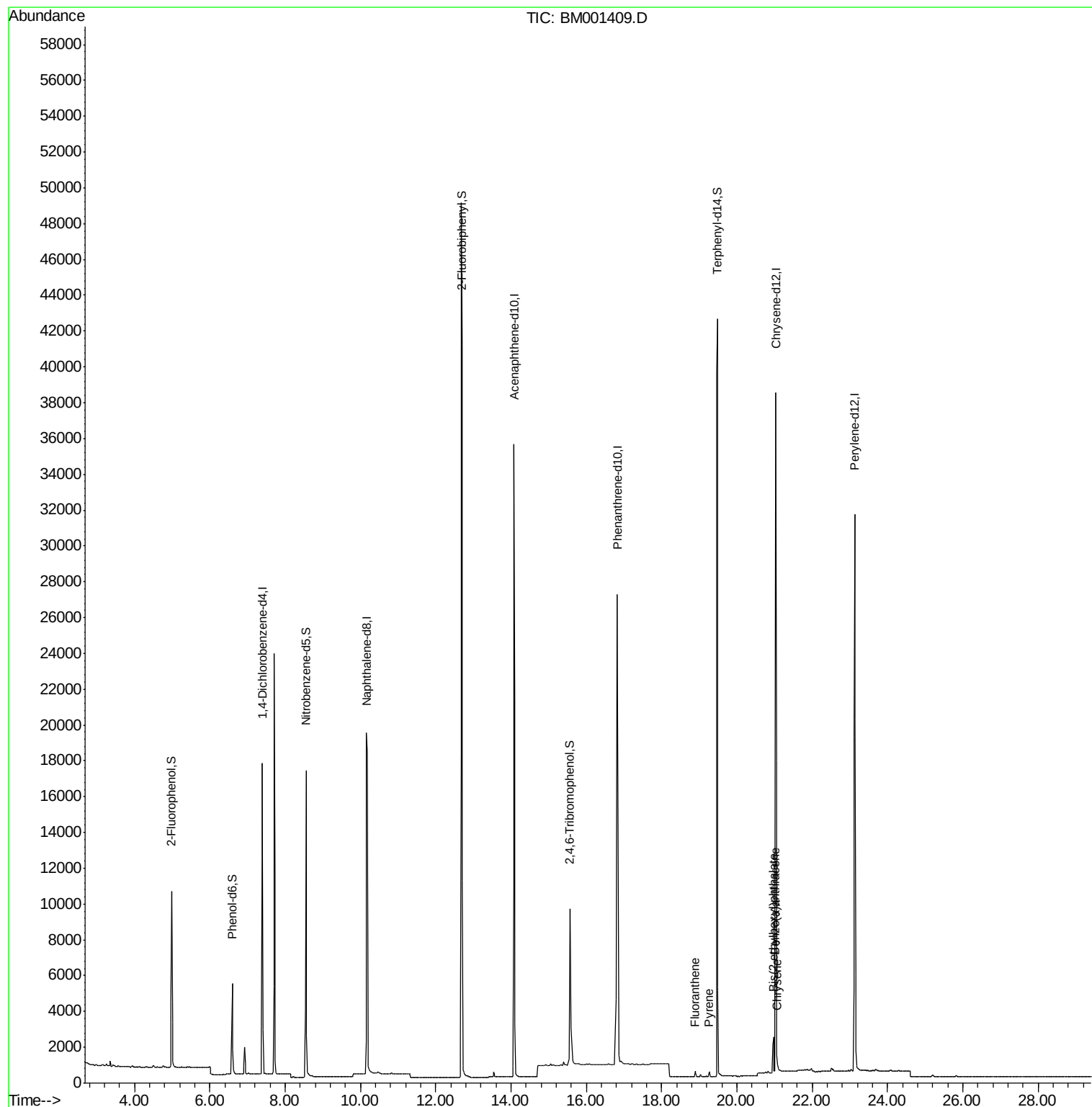
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	9486	5.00	ng	0.00
6) Naphthalene-d8	10.18	136	34122	5.00	ng	0.00
12) Acenaphthene-d10	14.08	164	20364	5.00	ng	0.00
18) Phenanthrene-d10	16.82	188	54465	5.00	ng	0.00
25) Chrysene-d12	21.03	240	39703	5.00	ng	0.00
32) Perylene-d12	23.13	264	35366	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.99	112	7546	4.03	ng	0.00
5) Phenol-d6	6.60	99	5345	2.46	ng	0.00
7) Nitrobenzene-d5	8.55	82	14274	7.25	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	7298	11.54	ng	-0.03
14) 2-Fluorobiphenyl	12.68	172	49847	7.95	ng	0.00
27) Terphenyl-d14	19.49	244	52124	9.70	ng	0.00
Target Compounds						
24) Fluoranthene	18.89	202	290	0.03	ng	# 95
26) Pyrene	19.26	202	315m	0.03	ng	
28) Benzo(a)anthracene	21.02	228	331m	0.03	ng	98
29) Chrysene	21.06	228	200m	0.02	ng	
30) Bis(2-ethylhexyl)phthalate	20.97	149	2641	0.42	ng	

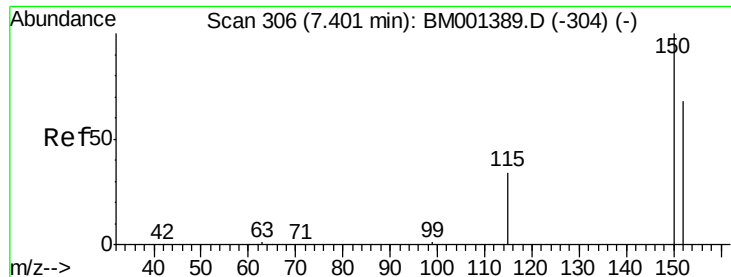
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM001409.D

Acq: 23 May 2015 08:11

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-U-B

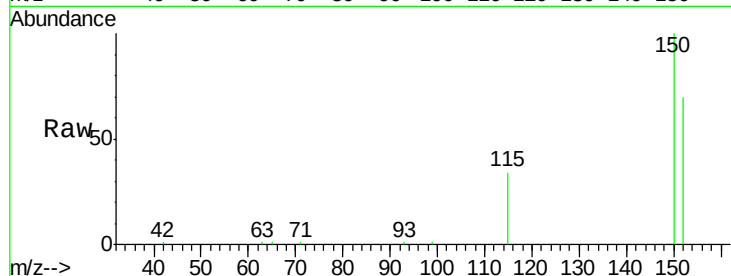
Tgt Ion:152 Resp: 9486

Ion Ratio Lower Upper

152 100

150 142.3 119.0 178.6

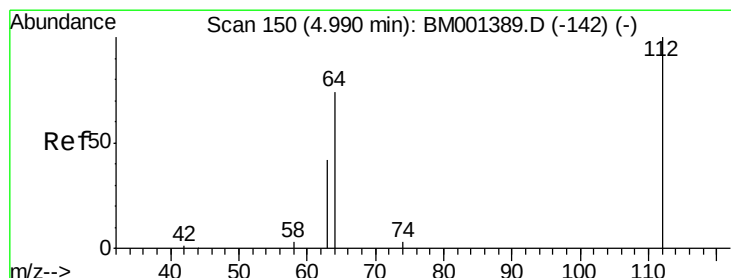
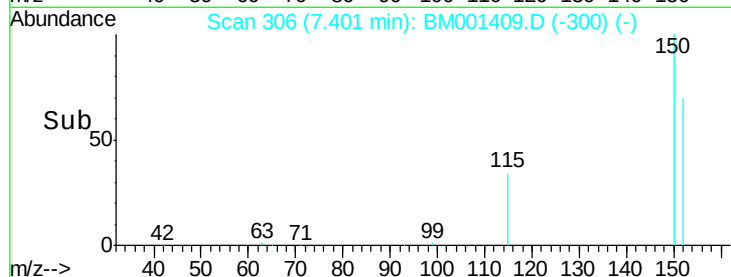
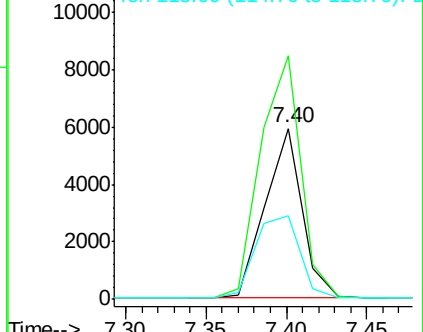
115 48.6 41.8 62.8



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: 4.03 ng

RT: 4.99 min Scan# 150

Delta R.T. -0.00 min

Lab File: BM001409.D

Acq: 23 May 2015 08:11

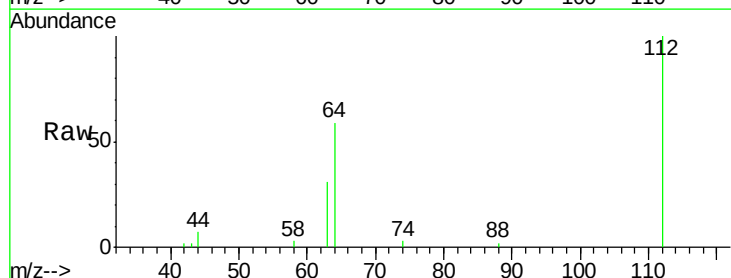
Tgt Ion:112 Resp: 7546

Ion Ratio Lower Upper

112 100

64 64.2 51.7 77.5

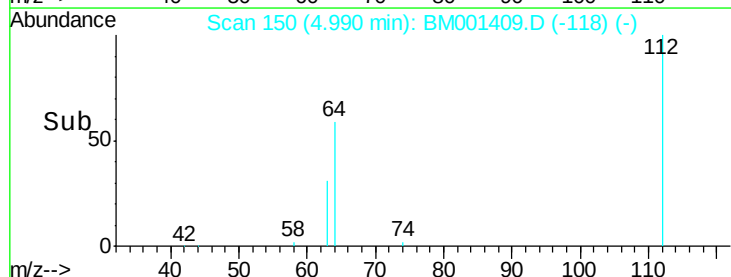
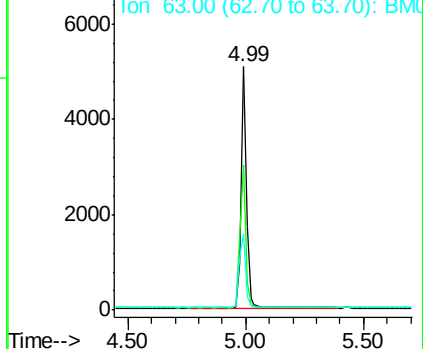
63 36.4 29.7 44.5

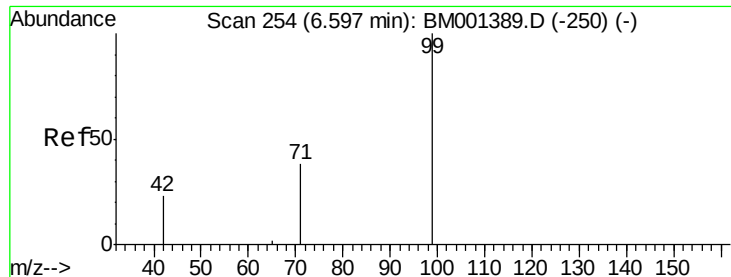


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 2.46 ng

RT: 6.60 min Scan# 254

Delta R.T. -0.00 min

Lab File: BM001409.D

Acq: 23 May 2015 08:11

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-U-B

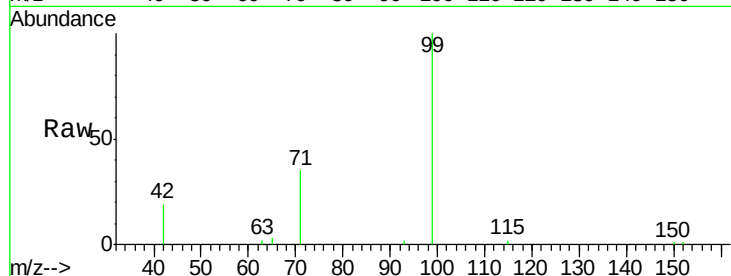
Tgt Ion: 99 Resp: 5345

Ion Ratio Lower Upper

99 100

42 25.1 21.8 32.6

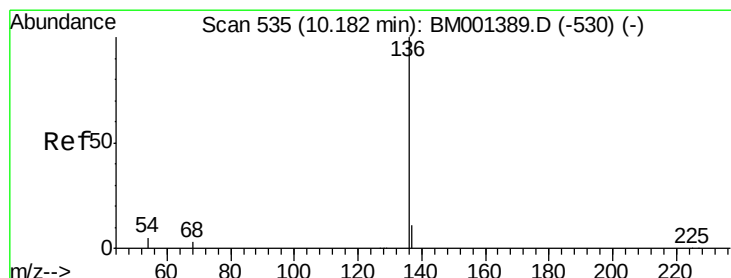
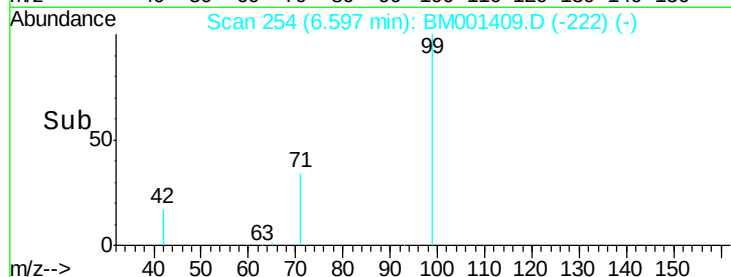
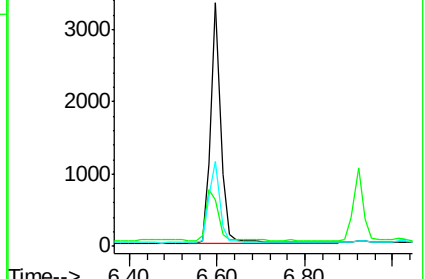
71 37.5 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BM001409.D (-222) (-)

Ion 42.00 (41.70 to 42.70): BM001409.D (-222) (-)

Ion 71.00 (70.70 to 71.70): BM001409.D (-222) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.18 min Scan# 535

Delta R.T. -0.00 min

Lab File: BM001409.D

Acq: 23 May 2015 08:11

Tgt Ion: 136 Resp: 34122

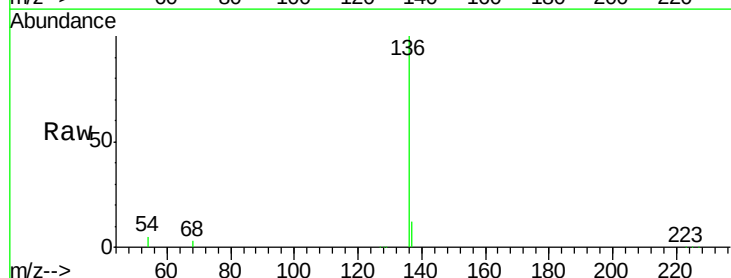
Ion Ratio Lower Upper

136 100

137 12.1 9.1 13.7

54 5.0 4.3 6.5

68 3.3 2.6 4.0

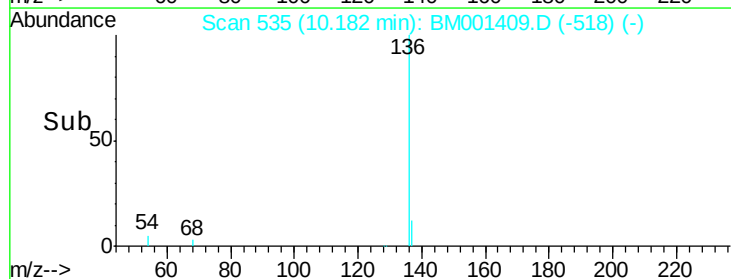
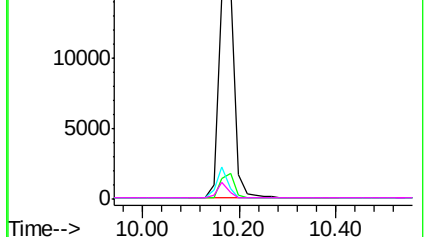


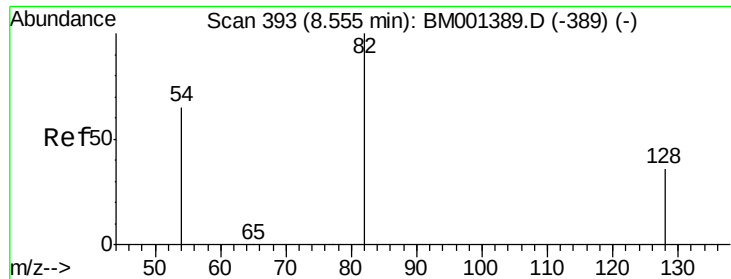
Abundance Ion 136.00 (135.70 to 136.70): BM001409.D (-518) (-)

Ion 137.00 (136.70 to 137.70): BM001409.D (-518) (-)

Ion 54.00 (53.70 to 54.70): BM001409.D (-518) (-)

Ion 68.00 (67.70 to 68.70): BM001409.D (-518) (-)





#7

Nitrobenzene-d5

Concen: 7.25 ng

RT: 8.55 min Scan# 393

Delta R.T. -0.00 min

Lab File: BM001409.D

Acq: 23 May 2015 08:11

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-U-B

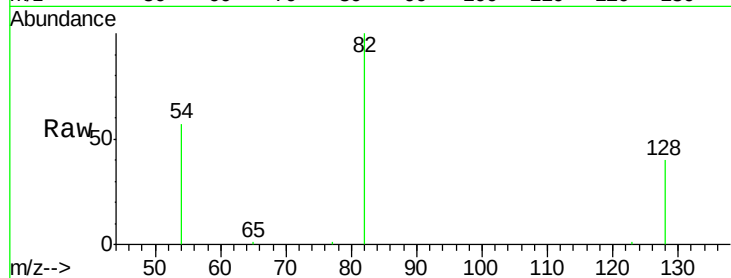
Tgt Ion: 82 Resp: 14274

Ion Ratio Lower Upper

82 100

128 40.5 30.2 45.4

54 56.9 52.9 79.3

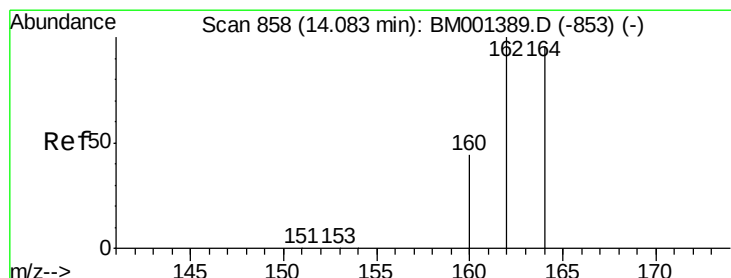
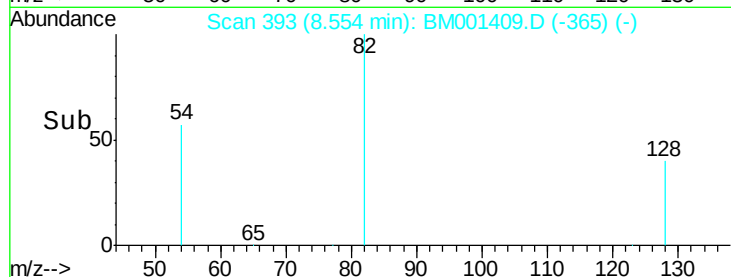


Abundance Ion 82.00 (81.70 to 82.70): BM001389.D (-389) (-)

Ion 128.00 (127.70 to 128.70): BM001389.D (-389) (-)

Ion 54.00 (53.70 to 54.70): BM001389.D (-389) (-)

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.08 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM001409.D

Acq: 23 May 2015 08:11

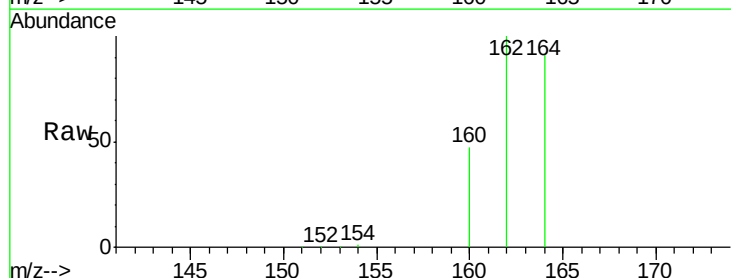
Tgt Ion: 164 Resp: 20364

Ion Ratio Lower Upper

164 100

162 109.8 83.4 125.2

160 51.3 36.9 55.3

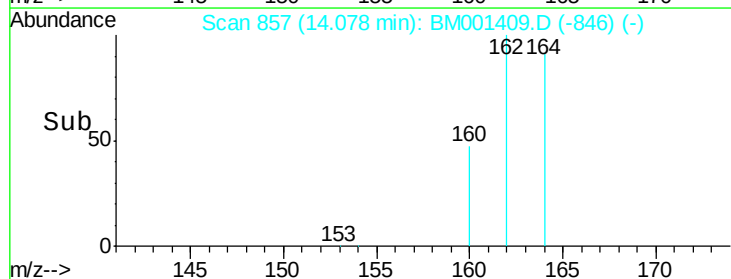


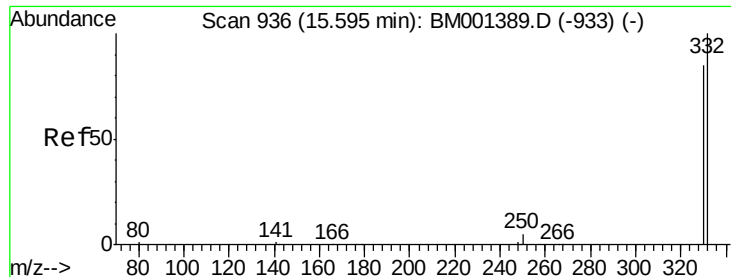
Abundance Ion 164.00 (163.70 to 164.70): BM001389.D (-853) (-)

Ion 162.00 (161.70 to 162.70): BM001389.D (-853) (-)

Ion 160.00 (159.70 to 160.70): BM001389.D (-853) (-)

Time-->

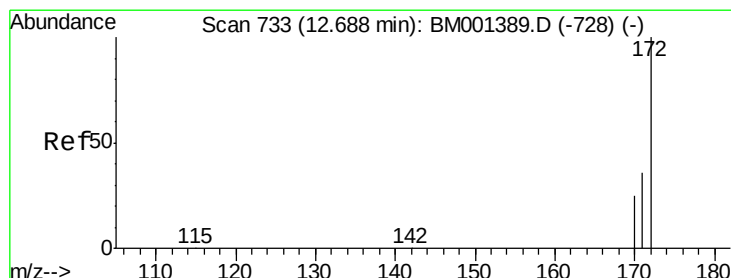
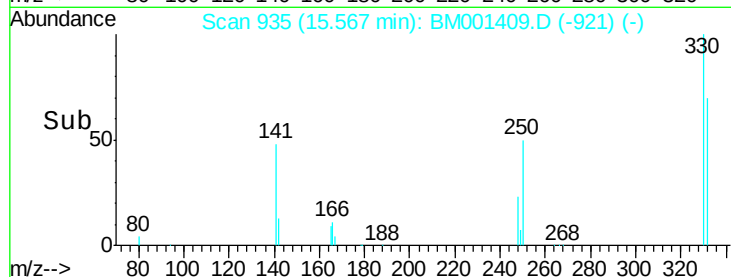
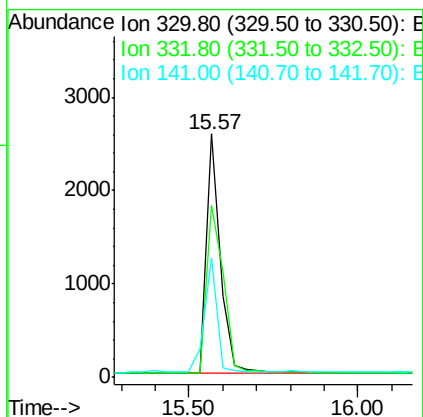
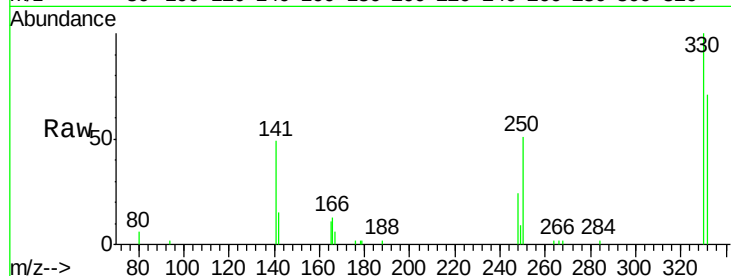




#13
 2,4,6-Tribromophenol
 Concen: 11.54 ng
 RT: 15.57 min Scan# 935
 Delta R.T. -0.03 min
 Lab File: BM001409.D
 Acq: 23 May 2015 08:11

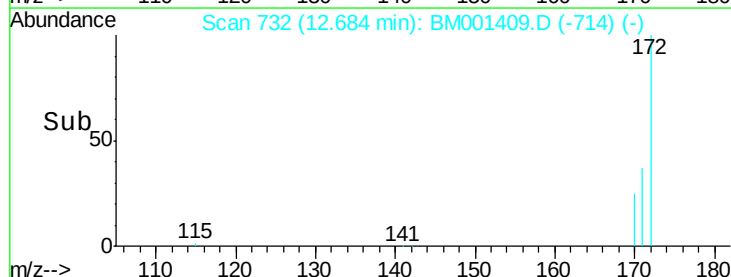
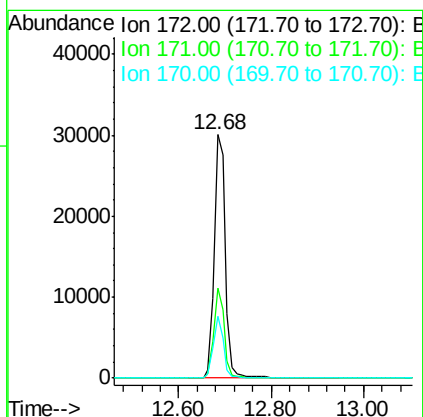
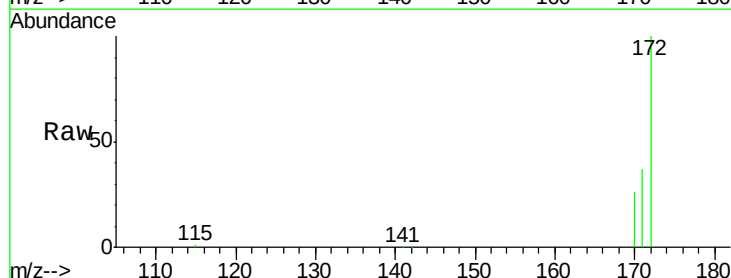
Instrument :
 BNA_M
 ClientSampleId :
 052115-P20-E-U-B

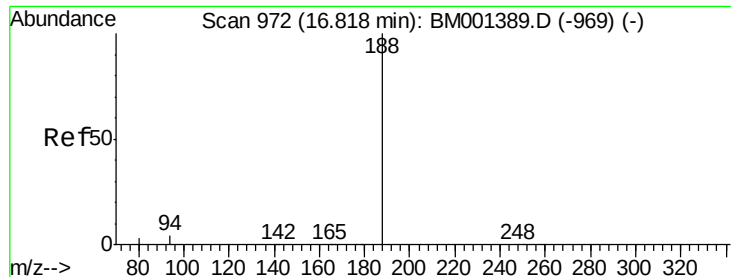
Tgt Ion:330 Resp: 7298
 Ion Ratio Lower Upper
 330 100
 332 85.9 90.3 135.5#
 141 43.5 0.0 0.0#



#14
 2-Fluorobiphenyl
 Concen: 7.95 ng
 RT: 12.68 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BM001409.D
 Acq: 23 May 2015 08:11

Tgt Ion:172 Resp: 49847
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 25.5 20.2 30.4

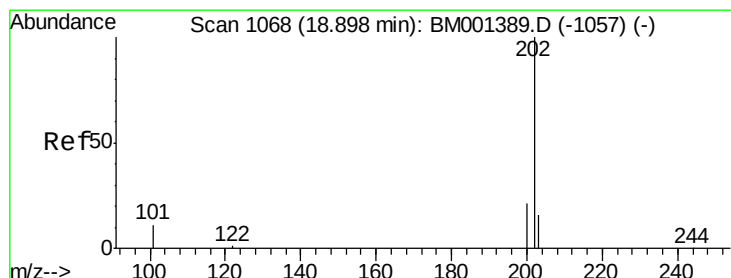
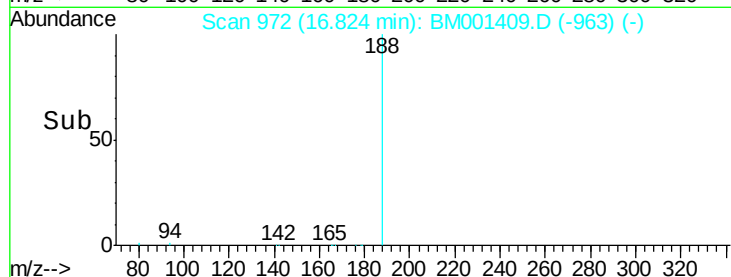
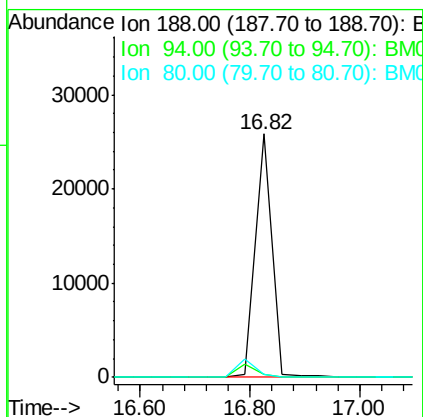
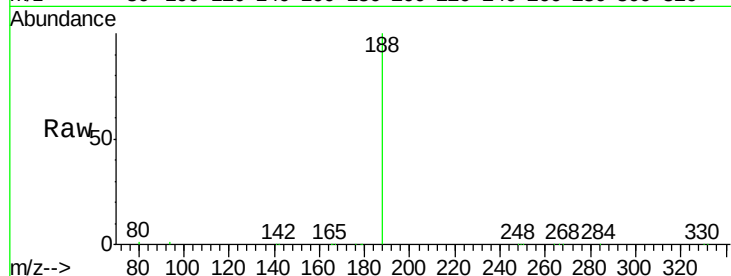




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.82 min Scan# 972
Delta R.T. 0.01 min
Lab File: BM001409.D
Acq: 23 May 2015 08:11

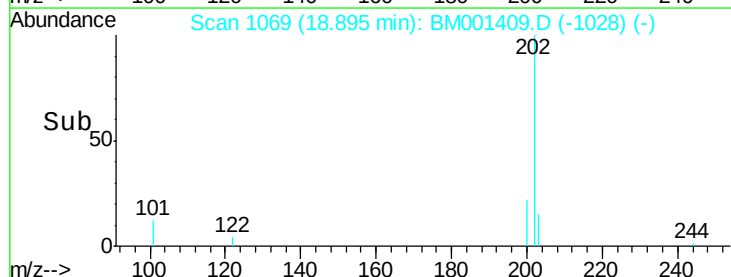
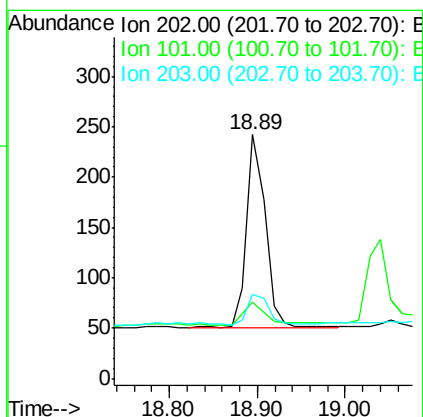
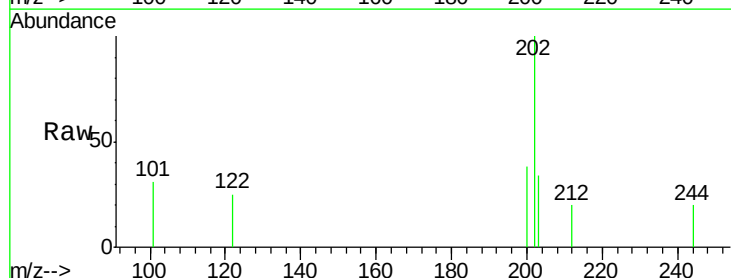
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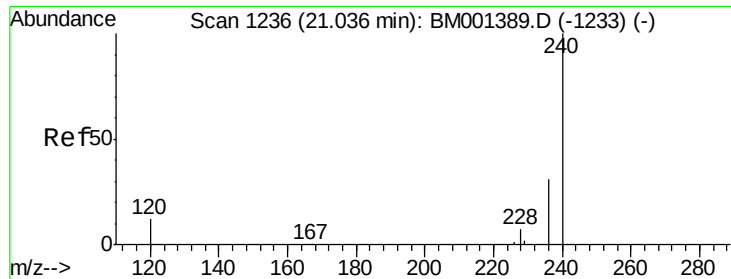
Tgt Ion:188 Resp: 54465
Ion Ratio Lower Upper
188 100
94 1.1 3.0 4.4#
80 1.0 2.5 3.7#



#24
Fluoranthene
Concen: 0.03 ng
RT: 18.89 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BM001409.D
Acq: 23 May 2015 08:11

Tgt Ion:202 Resp: 290
Ion Ratio Lower Upper
202 100
101 14.5 8.6 12.8#
203 17.9 13.8 20.6

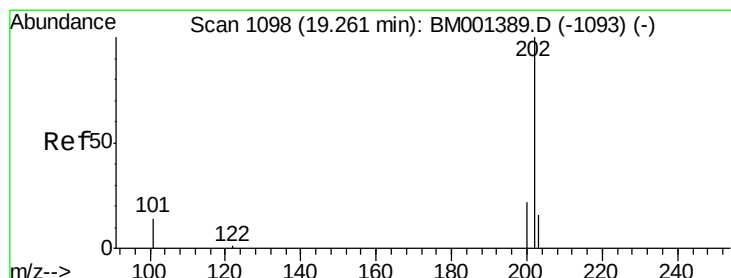
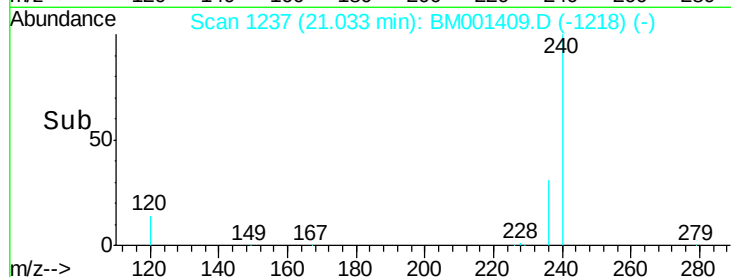
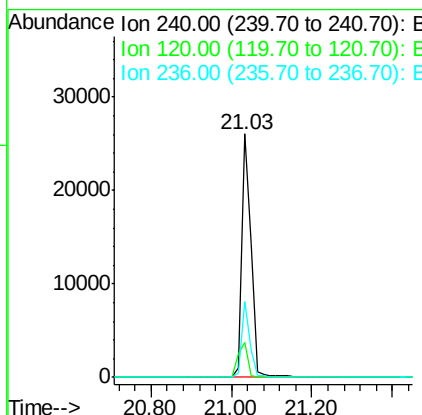
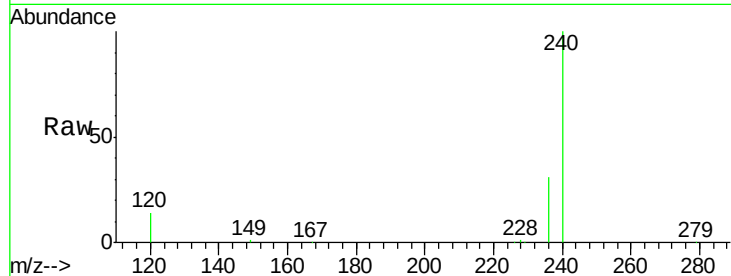




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.03 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BM001409.D
Acq: 23 May 2015 08:11

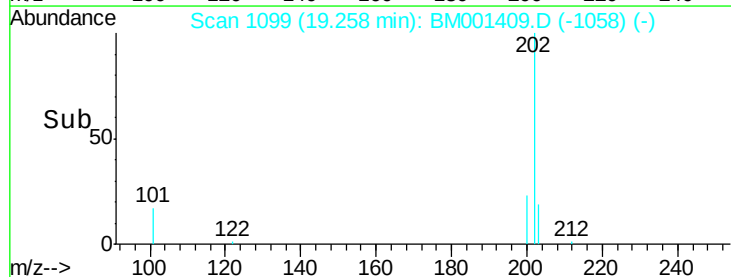
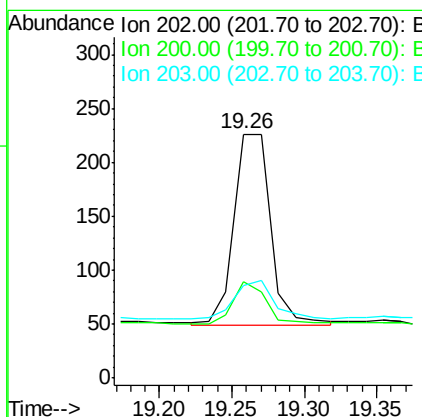
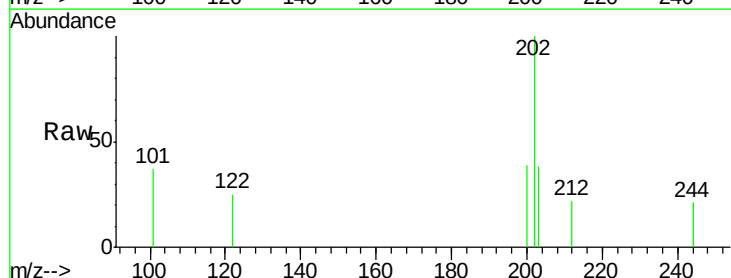
Instrument :
BNA_M
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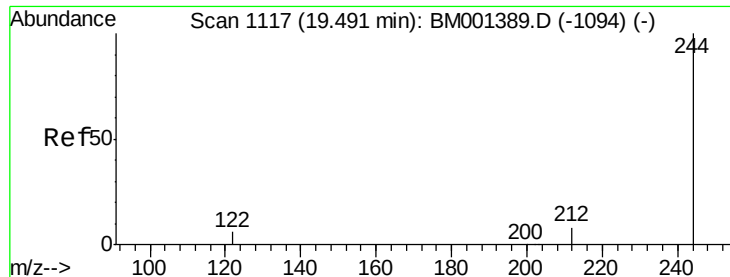
Tgt Ion: 240 Resp: 39703
Ion Ratio Lower Upper
240 100
120 14.2 9.7 14.5
236 31.2 24.8 37.2



#26
Pyrene
Concen: 0.03 ng m
RT: 19.26 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BM001409.D
Acq: 23 May 2015 08:11

Tgt Ion: 202 Resp: 315
Ion Ratio Lower Upper
202 100
200 19.0 16.4 24.6
203 16.5 13.9 20.9





#27

Terphenyl-d14

Concen: 9.70 ng

RT: 19.49 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BM001409.D

Acq: 23 May 2015 08:11

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-U-B

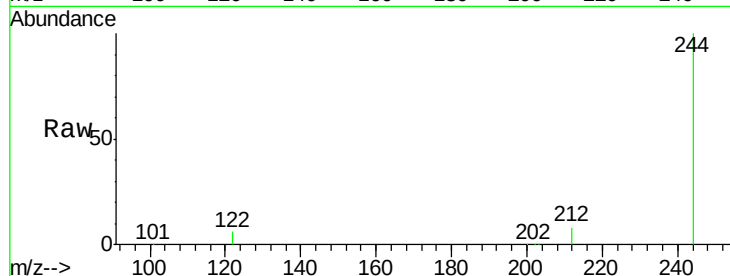
Tgt Ion:244 Resp: 52124

Ion Ratio Lower Upper

244 100

212 8.5 7.2 10.8

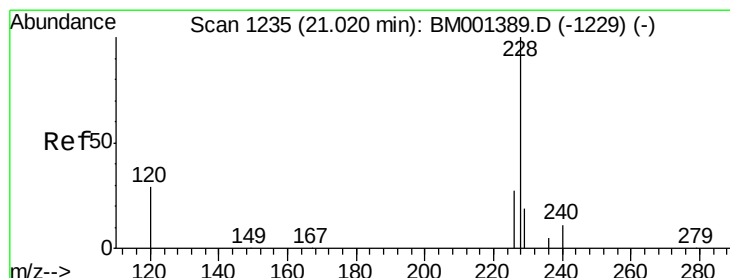
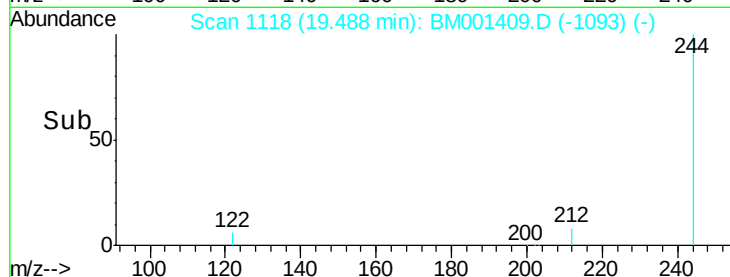
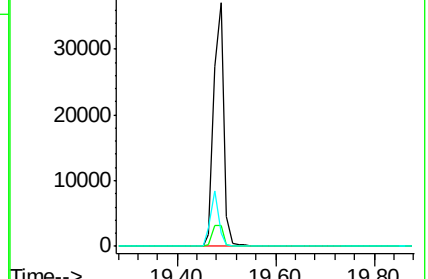
122 5.7 5.1 7.7



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 m

RT: 21.02 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BM001409.D

Acq: 23 May 2015 08:11

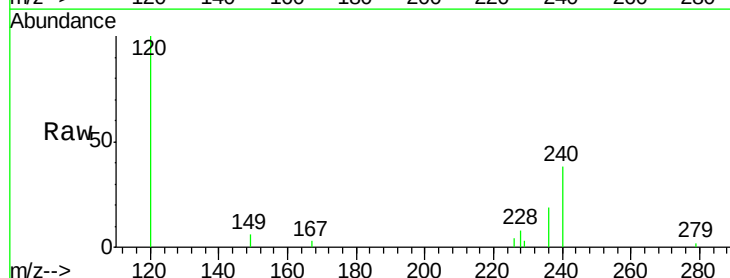
Tgt Ion:228 Resp: 331

Ion Ratio Lower Upper

228 100

226 44.3 21.9 32.9#

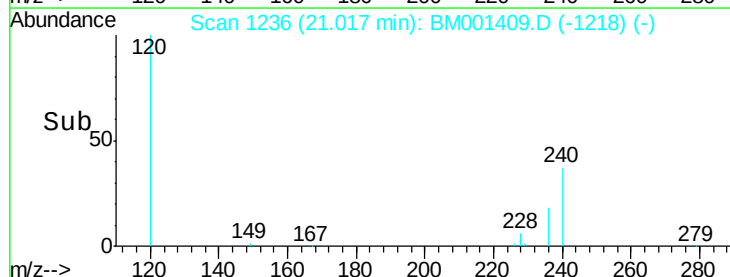
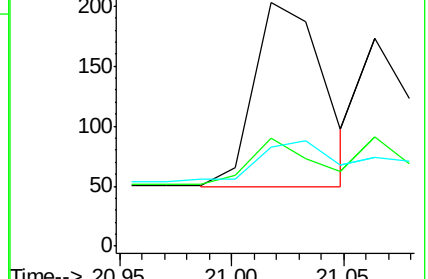
229 40.4 15.1 22.7#

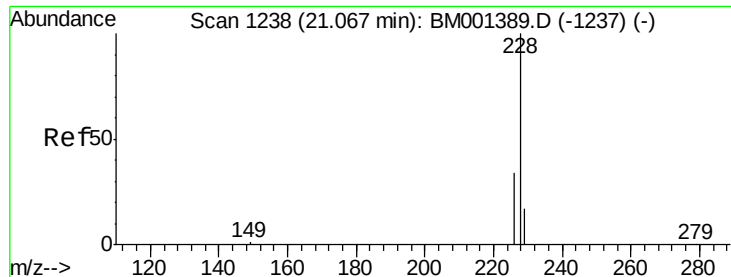


Abundance Ion 228.00 (227.70 to 228.70): E

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: 21.06 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BM001409.D

Acq: 23 May 2015 08:11

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-U-B

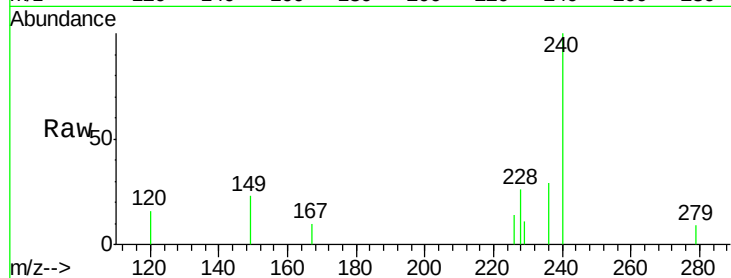
Tgt Ion:228 Resp: 200

Ion Ratio Lower Upper

228 100

226 52.6 27.6 41.4#

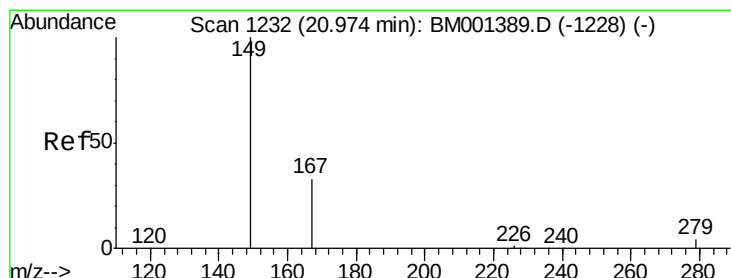
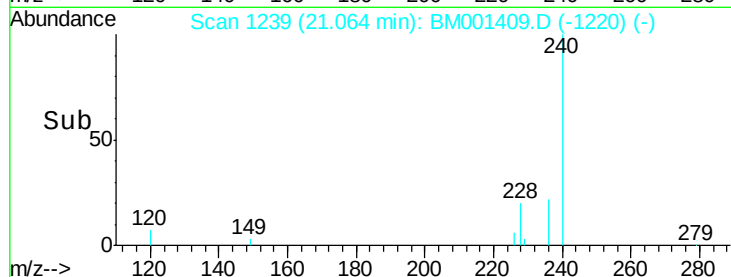
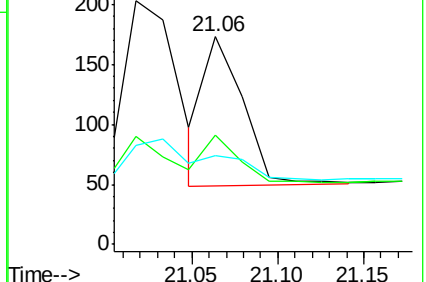
229 42.8 13.6 20.4#



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: 0.42 ng

RT: 20.97 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BM001409.D

Acq: 23 May 2015 08:11

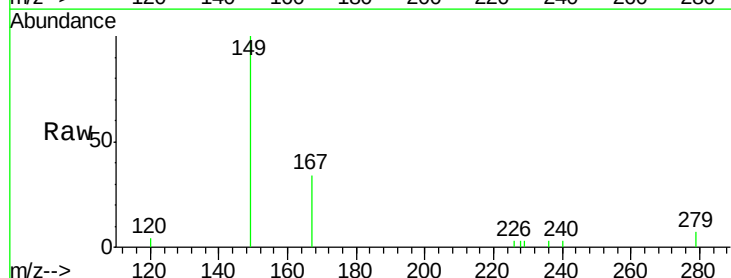
Tgt Ion:149 Resp: 2641

Ion Ratio Lower Upper

149 100

167 27.1 21.0 31.6

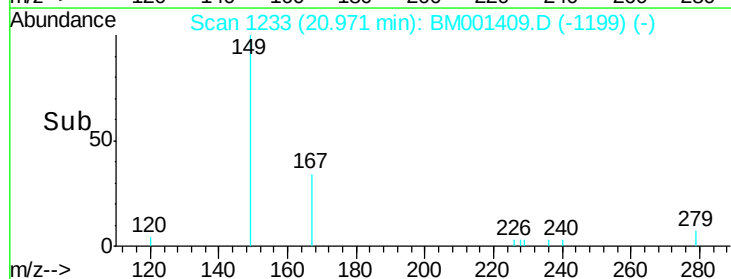
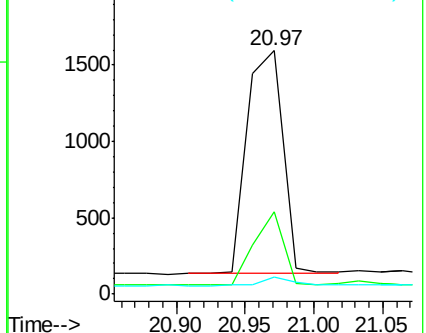
279 3.0 2.2 3.2

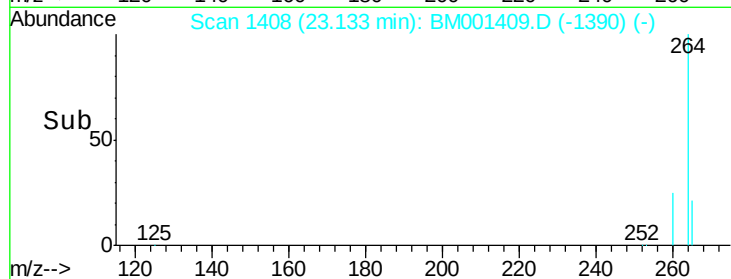
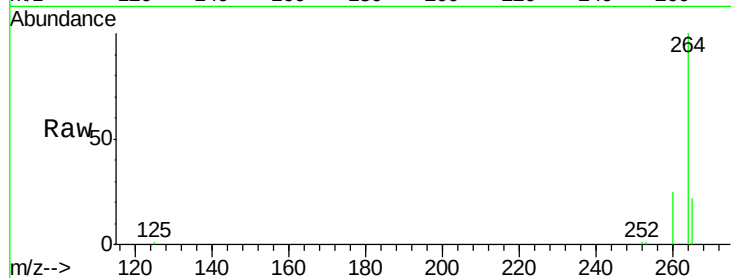
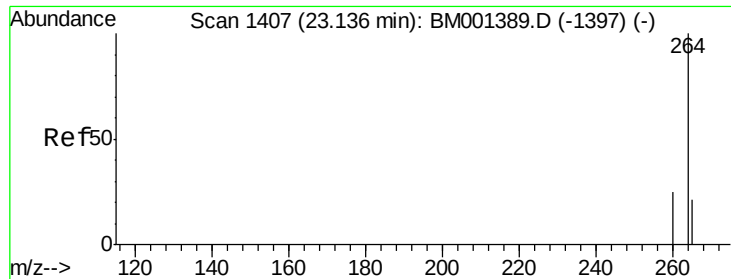


Abundance Ion 149.00 (148.70 to 149.70): E

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# 1408

Delta R.T. -0.00 min

Lab File: BM001409.D

Acq: 23 May 2015 08:11

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-U-B

Tgt Ion: 264 Resp: 35366

Ion Ratio Lower Upper

264 100

260 25.4 20.1 30.1

265 21.6 17.1 25.7

