

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062215\
 Data File : BM001774.D
 Acq On : 22 Jun 2015 14:33
 Operator : TP/IZ
 Sample : PB84048BL
 Misc : 4 TIME INT STD
 ALS Vial : 6 Sample Multiplier: 4

Instrument :
 BNA_M
 ClientSampleId :
 PB84048BL

Quant Time: Jun 23 04:21:07 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

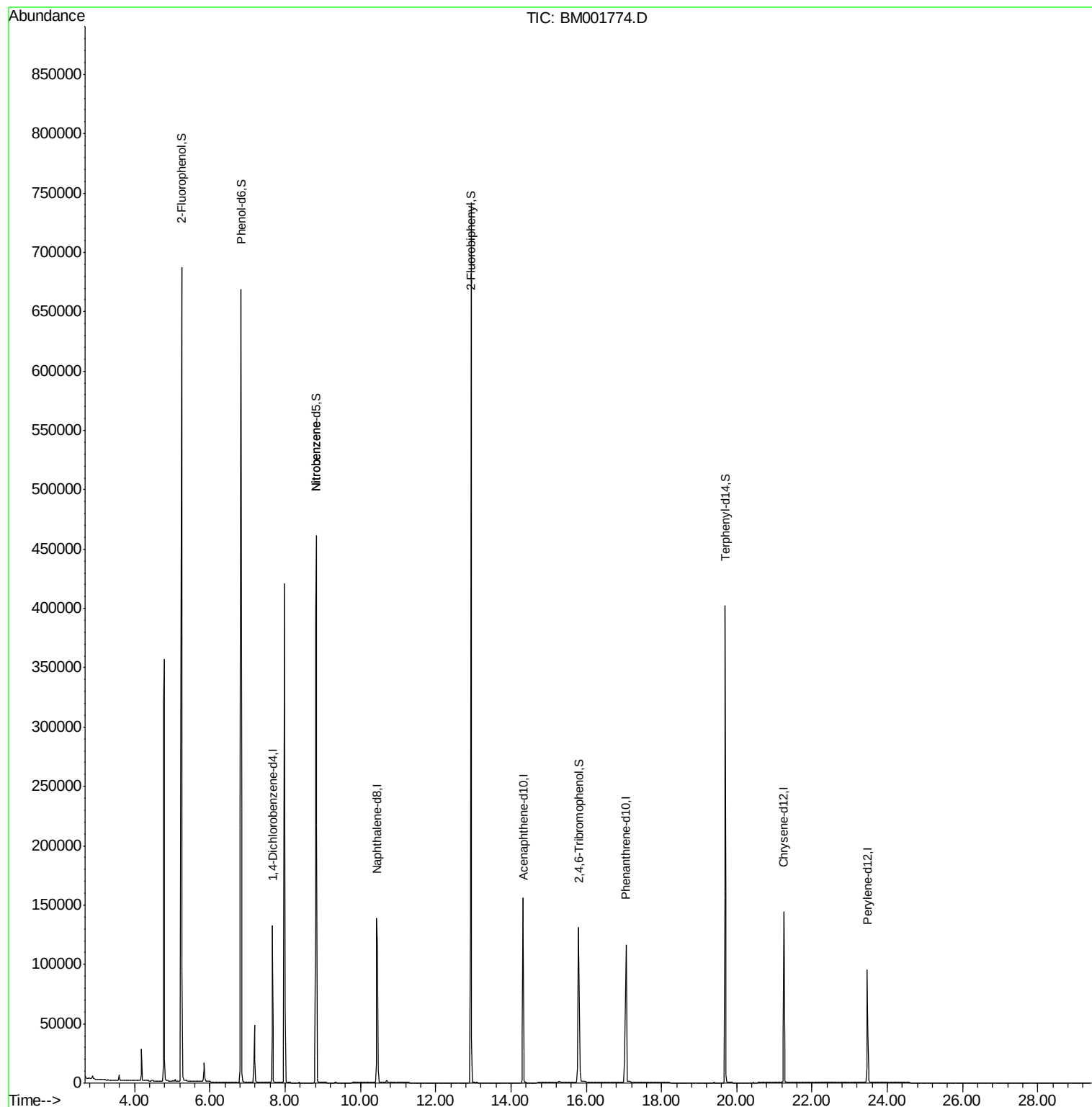
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	62382	5.00	ng	0.00
6) Naphthalene-d8	10.44	136	223077	5.00	ng	-0.02
12) Acenaphthene-d10	14.32	164	101505	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	234662	5.00	ng	0.00
25) Chrysene-d12	21.25	240	132170	5.00	ng	0.00
32) Perylene-d12	23.47	264	127462	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	509658	139.80	ng	0.00
5) Phenol-d6	6.83	99	652151	138.95	ng	0.00
7) Nitrobenzene-d5	8.83	82	395661	90.92	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	110707	139.70	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	705305	77.77	ng	0.00
27) Terphenyl-d14	19.70	244	394407	81.00	ng	0.00
Target Compounds						
8) Nitrobenzene	8.83	77	1317	0.28	ng	# 40
16) Acenaphthene	14.31	154	434	0.06	ng	# 10
28) Benzo(a)anthracene	21.25	228	494	0.05	ng	# 76
29) Chrysene	21.25	228	496	0.05	ng	# 70

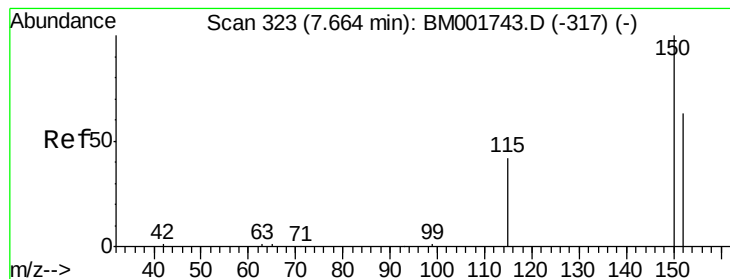
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM001774.D

Acq: 22 Jun 2015 14:33

Instrument :

BNA_M

ClientSampleId :

PB84048BL

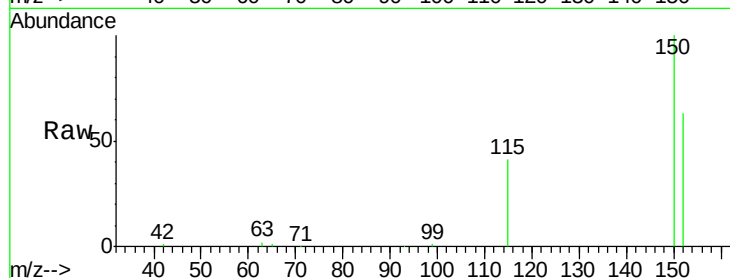
Tgt Ion:152 Resp: 62382

Ion Ratio Lower Upper

152 100

150 159.9 127.5 191.3

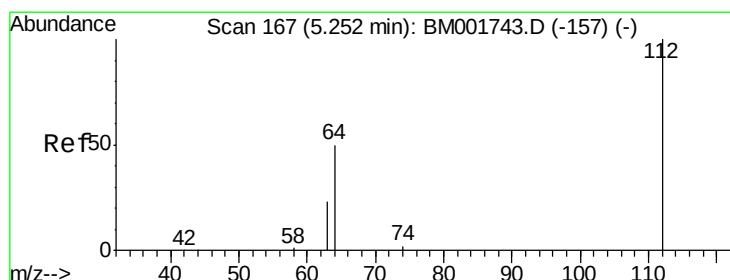
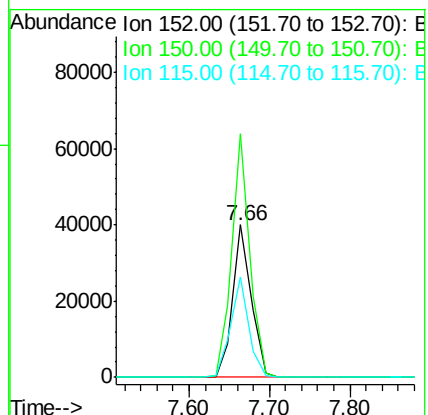
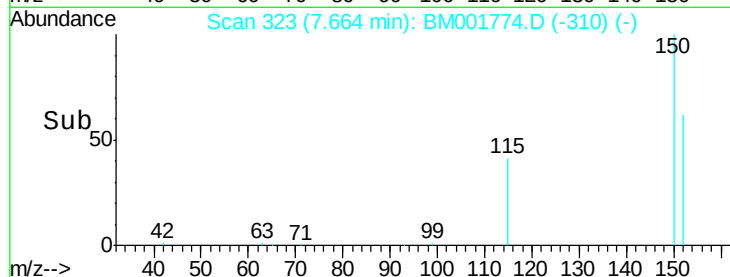
115 65.9 53.2 79.8



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



#4

2-Fluorophenol

Concen: 139.80 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.00 min

Lab File: BM001774.D

Acq: 22 Jun 2015 14:33

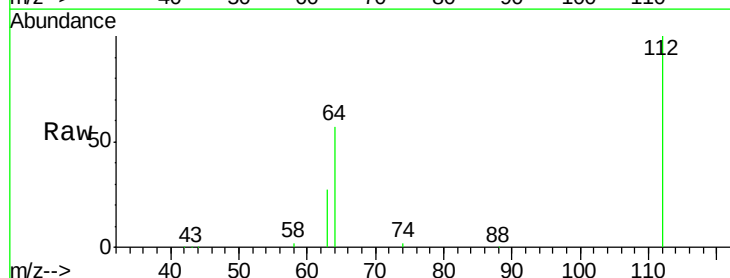
Tgt Ion:112 Resp: 509658

Ion Ratio Lower Upper

112 100

64 70.1 55.6 83.4

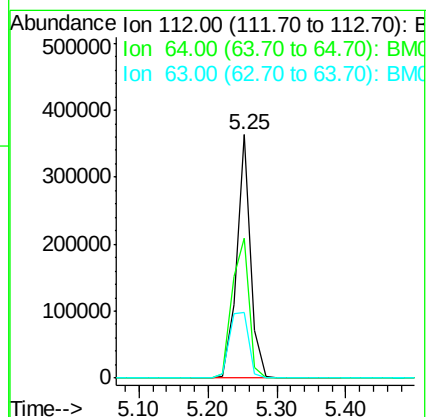
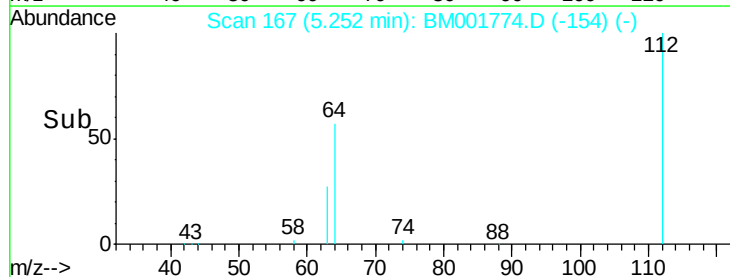
63 37.5 30.2 45.2

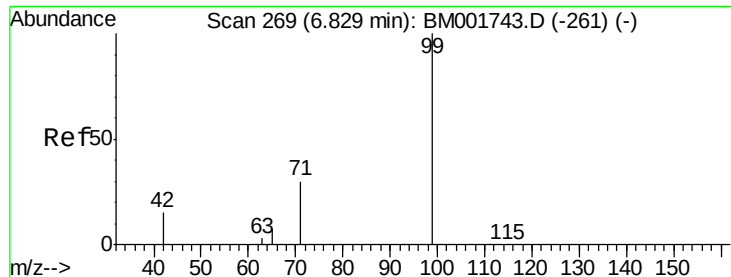


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM





#5

Phenol-d6

Concen: 138.95 ng

RT: 6.83 min Scan# 269

Delta R.T. -0.00 min

Lab File: BM001774.D

Acq: 22 Jun 2015 14:33

Instrument :

BNA_M

ClientSampleId :

PB84048BL

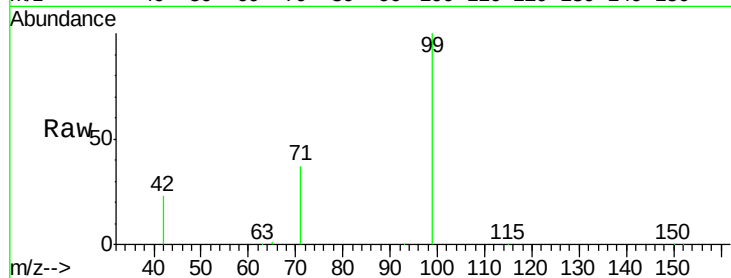
Tgt Ion: 99 Resp: 652151

Ion Ratio Lower Upper

99 100

42 25.0 21.4 32.0

71 35.4 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BM001774.D (-256) (-)

Ion 42.00 (41.70 to 42.70): BM001774.D (-256) (-)

Ion 71.00 (70.70 to 71.70): BM001774.D (-256) (-)

6.83

500000

400000

300000

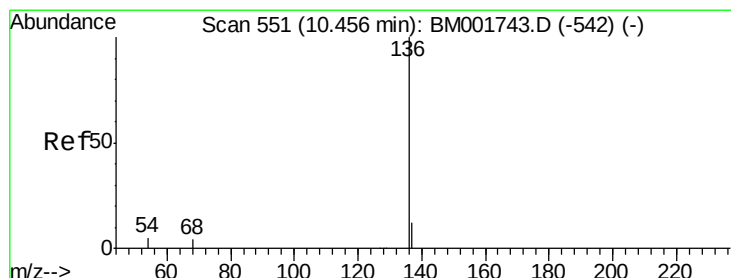
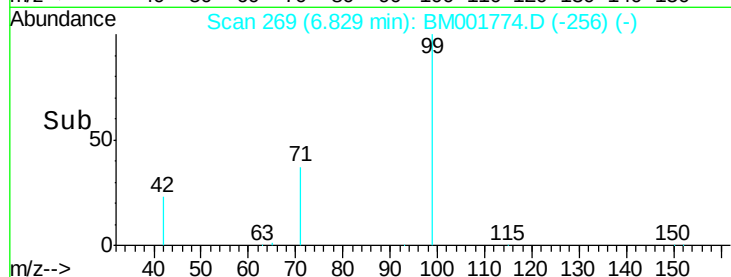
200000

100000

0

6.70 6.80 6.90 7.00

Time-->



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.02 min

Lab File: BM001774.D

Acq: 22 Jun 2015 14:33

Tgt Ion: 136 Resp: 223077

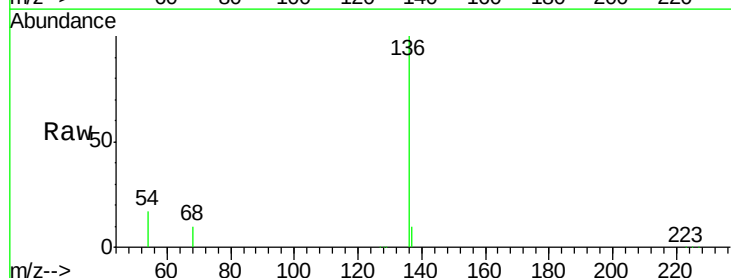
Ion Ratio Lower Upper

136 100

137 9.8 9.4 14.0

54 16.5 4.4 6.6#

68 9.5 3.1 4.7#



Abundance Ion 136.00 (135.70 to 136.70): BM001774.D (-539) (-)

Ion 137.00 (136.70 to 137.70): BM001774.D (-539) (-)

Ion 54.00 (53.70 to 54.70): BM001774.D (-539) (-)

Ion 68.00 (67.70 to 68.70): BM001774.D (-539) (-)

10.44

150000

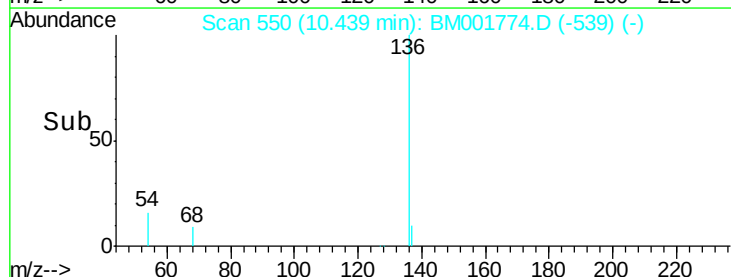
100000

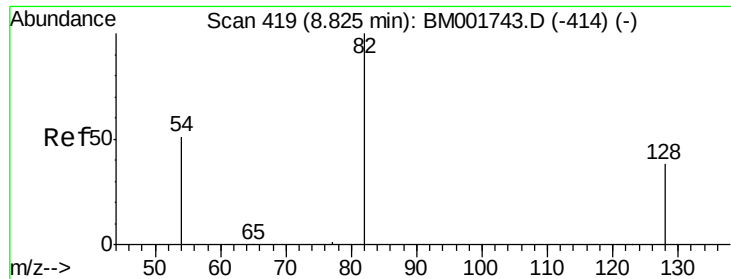
50000

0

10.40 10.60

Time-->





#7

Nitrobenzene-d5

Concen: 90.92 ng

RT: 8.83 min Scan# 419

Delta R.T. -0.00 min

Lab File: BM001774.D

Acq: 22 Jun 2015 14:33

Instrument :

BNA_M

ClientSampleId :

PB84048BL

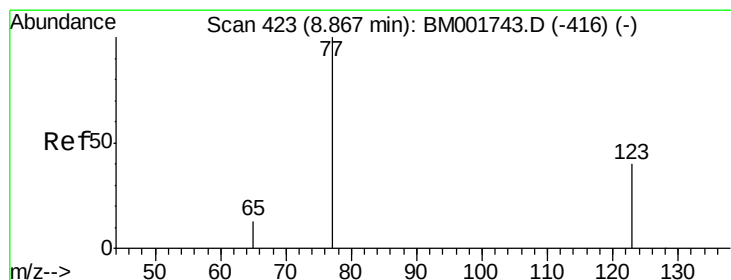
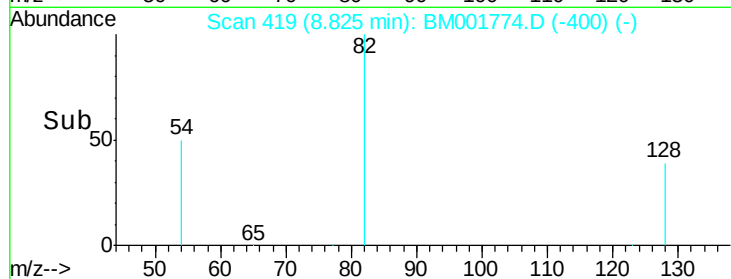
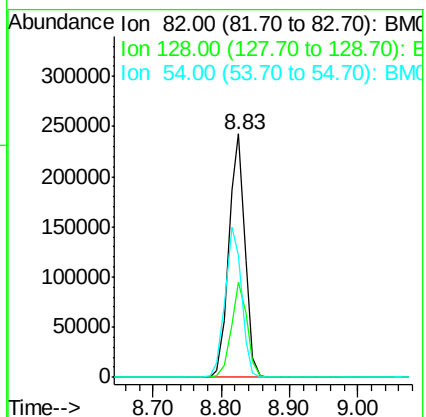
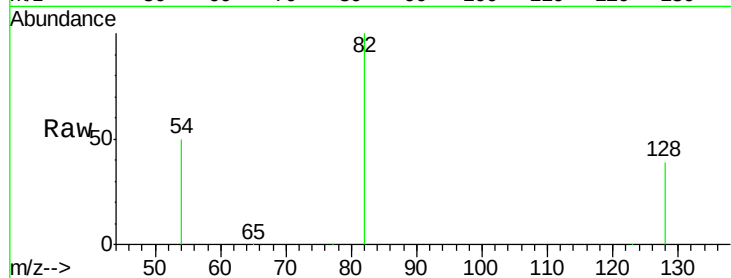
Tgt Ion: 82 Resp: 395661

Ion Ratio Lower Upper

82 100

128 39.3 31.3 46.9

54 50.3 41.9 62.9



#8

Nitrobenzene

Concen: 0.28 ng

RT: 8.83 min Scan# 419

Delta R.T. -0.04 min

Lab File: BM001774.D

Acq: 22 Jun 2015 14:33

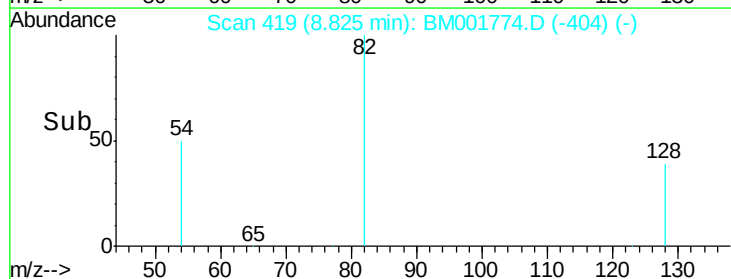
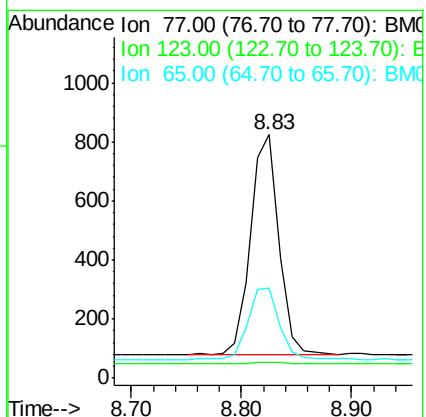
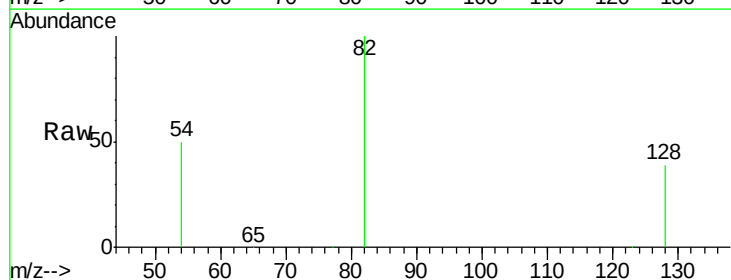
Tgt Ion: 77 Resp: 1317

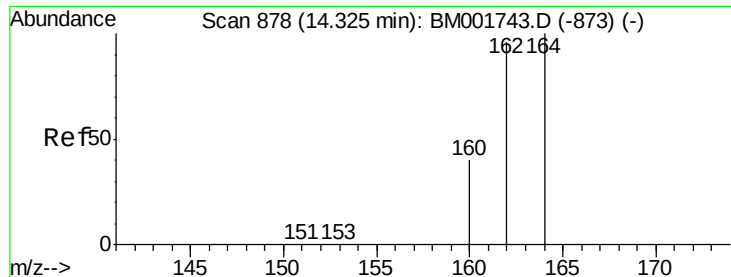
Ion Ratio Lower Upper

77 100

123 1.3 30.1 45.1#

65 38.1 11.3 16.9#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.32 min Scan# 878

Delta R.T. -0.00 min

Lab File: BM001774.D

Acq: 22 Jun 2015 14:33

Instrument :

BNA_M

ClientSampleId :

PB84048BL

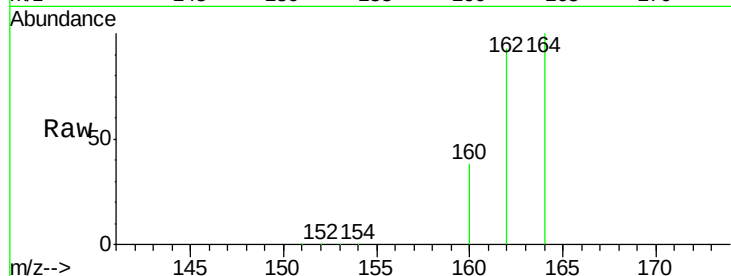
Tgt Ion:164 Resp: 101505

Ion Ratio Lower Upper

164 100

162 92.8 76.6 114.8

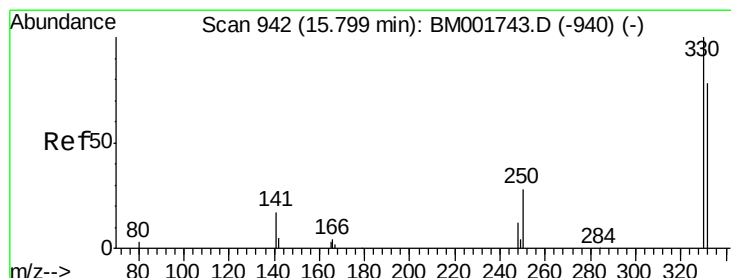
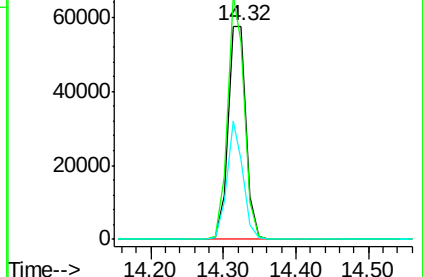
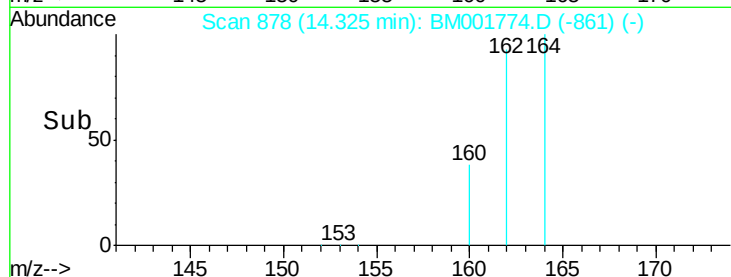
160 37.6 31.8 47.8



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: 139.70 ng

RT: 15.80 min Scan# 942

Delta R.T. 0.00 min

Lab File: BM001774.D

Acq: 22 Jun 2015 14:33

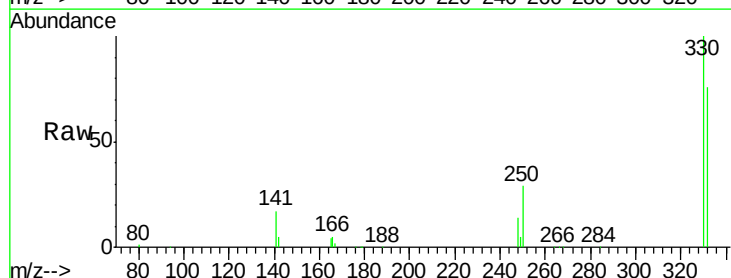
Tgt Ion:330 Resp: 110707

Ion Ratio Lower Upper

330 100

332 80.4 65.8 98.8

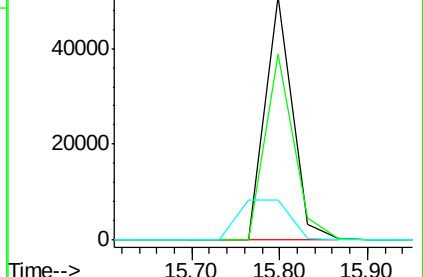
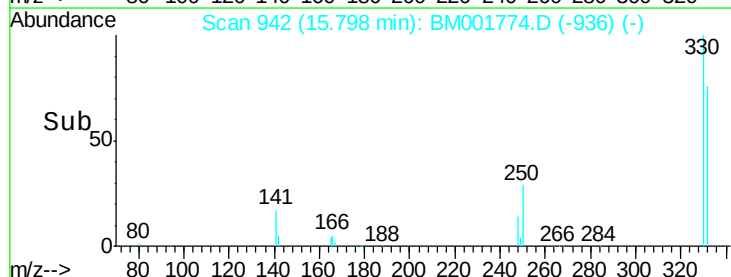
141 31.5 0.0 0.0#

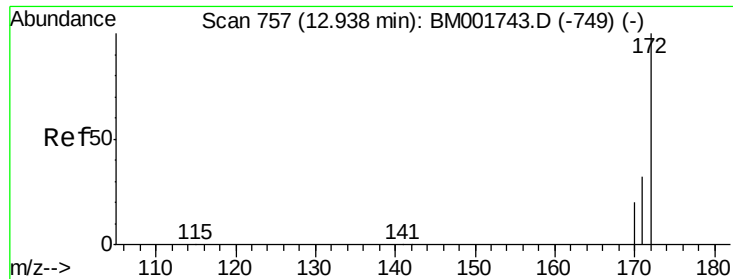


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

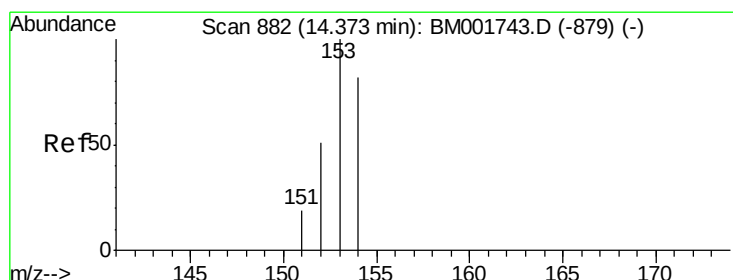
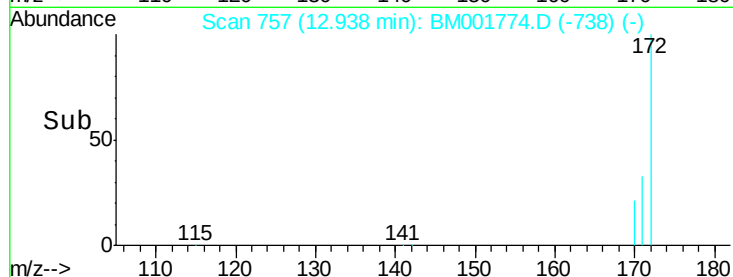
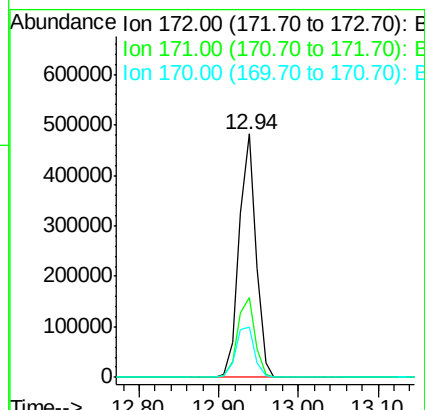
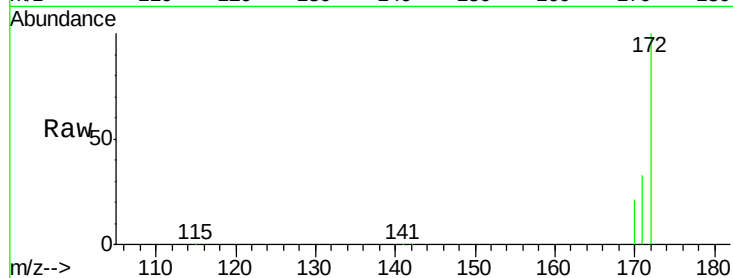




#14
2-Fluorobiphenyl
Concen: 77.77 ng
RT: 12.94 min Scan# 757
Delta R.T. -0.00 min
Lab File: BM001774.D
Acq: 22 Jun 2015 14:33

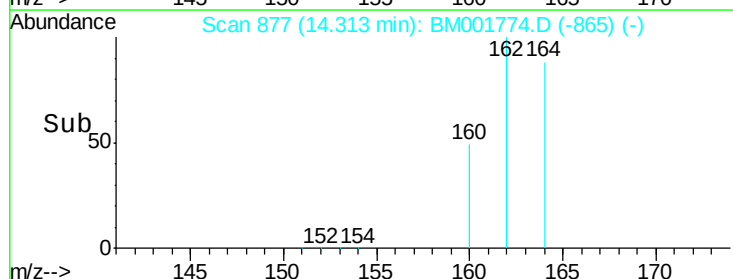
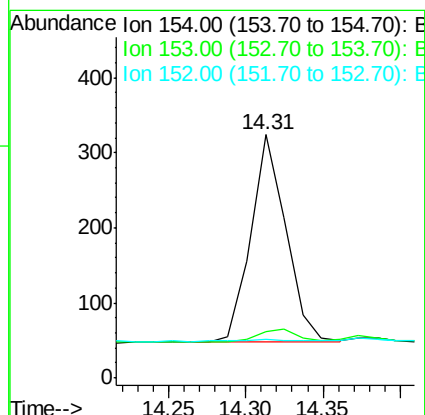
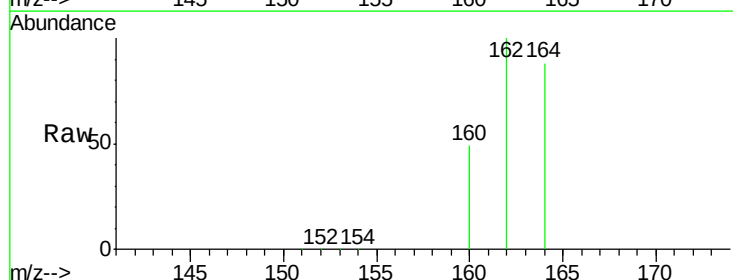
Instrument :
BNA_M
ClientSampleId :
PB84048BL

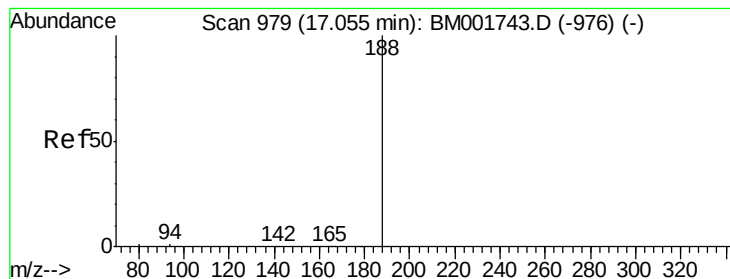
Tgt Ion:172 Resp: 705305
Ion Ratio Lower Upper
172 100
171 32.8 26.2 39.2
170 20.6 16.6 24.8



#16
Acenaphthene
Concen: 0.06 ng
RT: 14.31 min Scan# 877
Delta R.T. -0.06 min
Lab File: BM001774.D
Acq: 22 Jun 2015 14:33

Tgt Ion:154 Resp: 434
Ion Ratio Lower Upper
154 100
153 6.9 90.0 135.0#
152 1.8 44.2 66.4#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 979

Delta R.T. -0.00 min

Lab File: BM001774.D

Acq: 22 Jun 2015 14:33

Instrument :

BNA_M

ClientSampleId :

PB84048BL

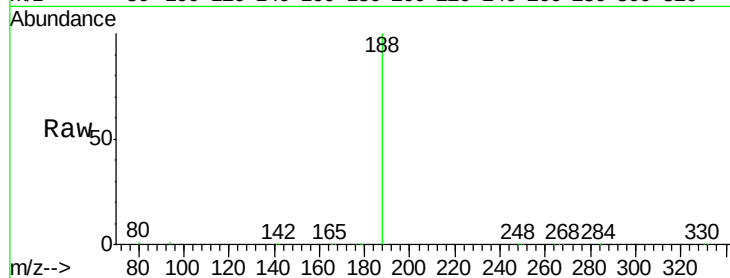
Tgt Ion:188 Resp: 234662

Ion Ratio Lower Upper

188 100

94 1.0 1.3 1.9#

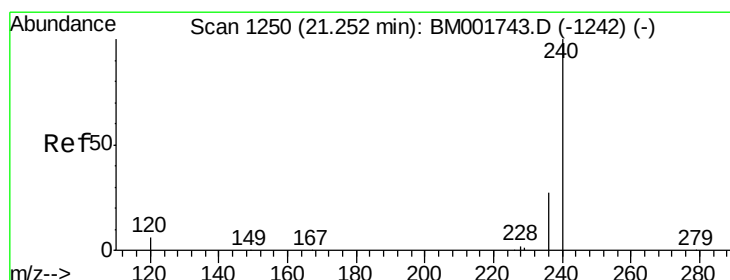
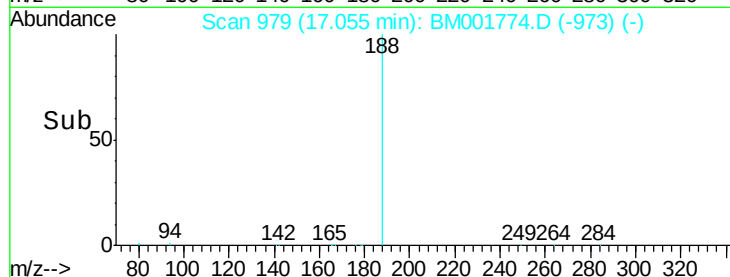
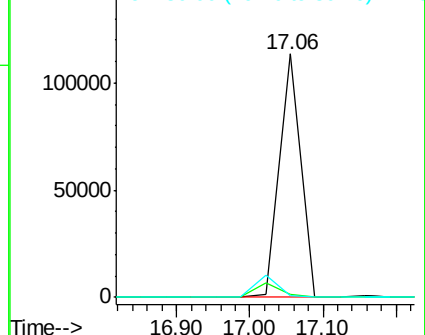
80 0.8 1.0 1.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.25 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BM001774.D

Acq: 22 Jun 2015 14:33

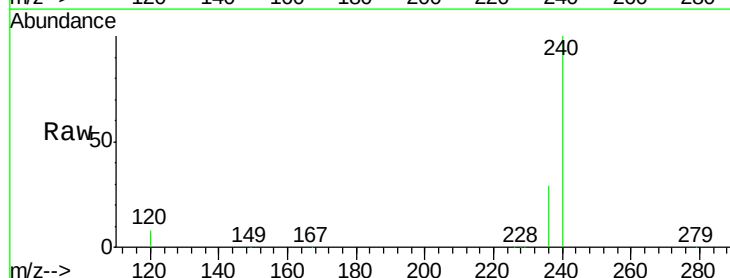
Tgt Ion:240 Resp: 132170

Ion Ratio Lower Upper

240 100

120 8.3 4.7 7.1#

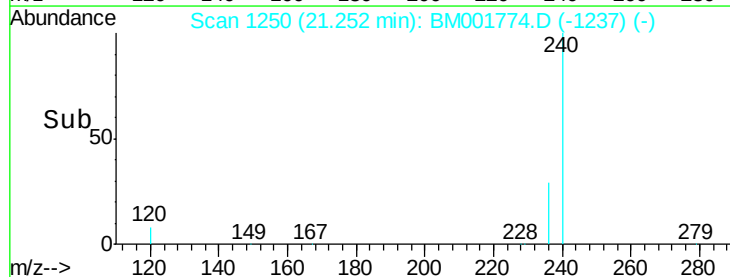
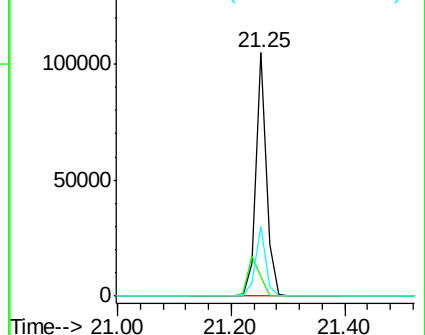
236 28.6 21.6 32.4

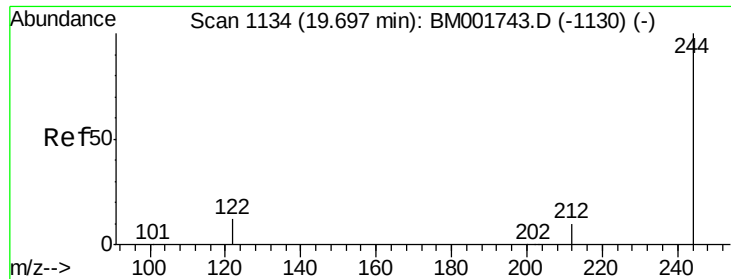


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Terphenyl-d14

Concen: 81.00 ng

RT: 19.70 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BM001774.D

Acq: 22 Jun 2015 14:33

Instrument :

BNA_M

ClientSampleId :

PB84048BL

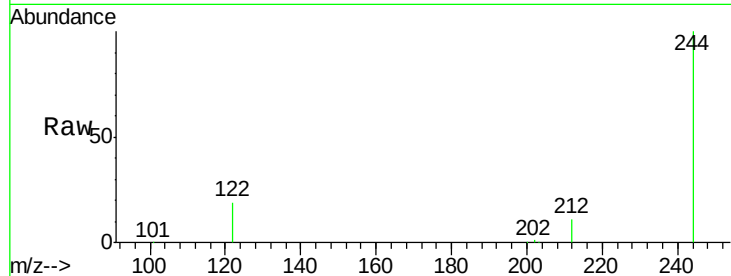
Tgt Ion:244 Resp: 394407

Ion Ratio Lower Upper

244 100

212 10.6 8.6 13.0

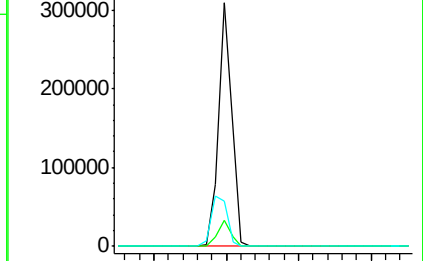
122 18.6 10.6 15.8#



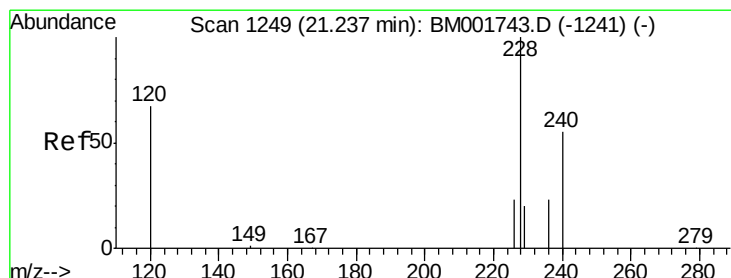
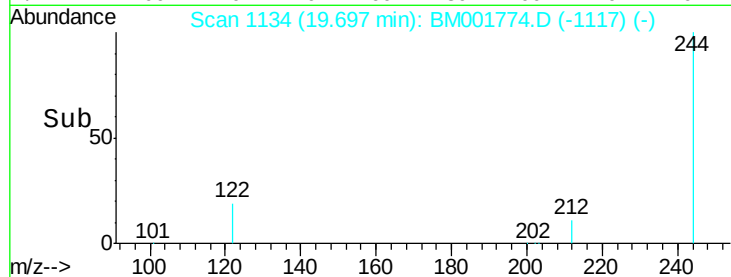
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#28

Benzo(a)anthracene

Concen: 0.05 ng

RT: 21.25 min Scan# 1250

Delta R.T. 0.02 min

Lab File: BM001774.D

Acq: 22 Jun 2015 14:33

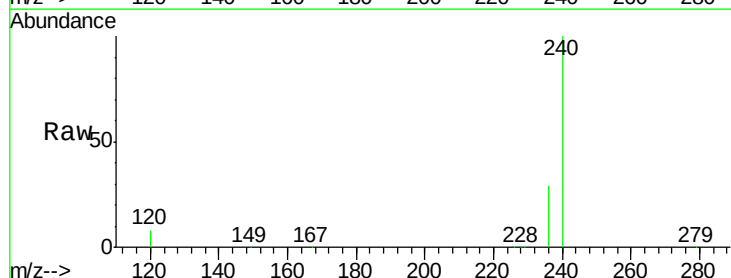
Tgt Ion:228 Resp: 494

Ion Ratio Lower Upper

228 100

226 19.7 18.9 28.3

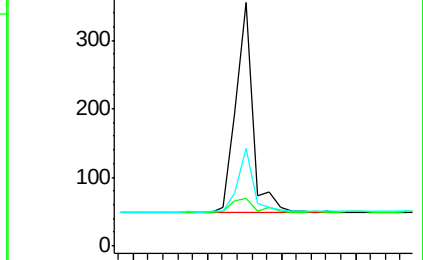
229 40.3 16.6 25.0#



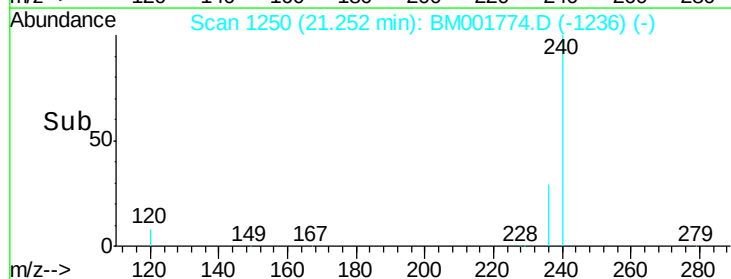
Abundance Ion 228.00 (227.70 to 228.70): E

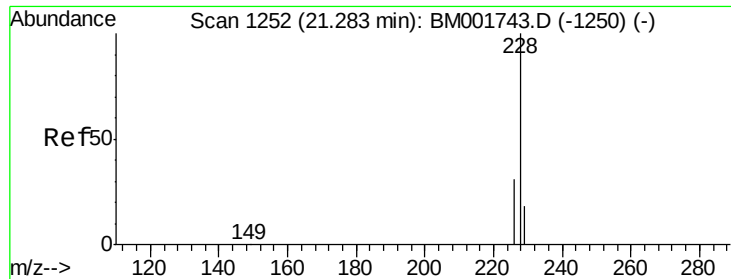
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#29

Chrysene

Concen: 0.05 ng

RT: 21.25 min Scan# 1250

Delta R.T. -0.03 min

Lab File: BM001774.D

Acq: 22 Jun 2015 14:33

Instrument :

BNA_M

ClientSampleId :

PB84048BL

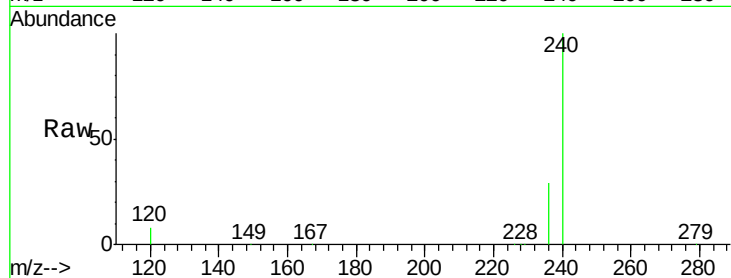
Tgt Ion:228 Resp: 496

Ion Ratio Lower Upper

228 100

226 19.7 24.3 36.5#

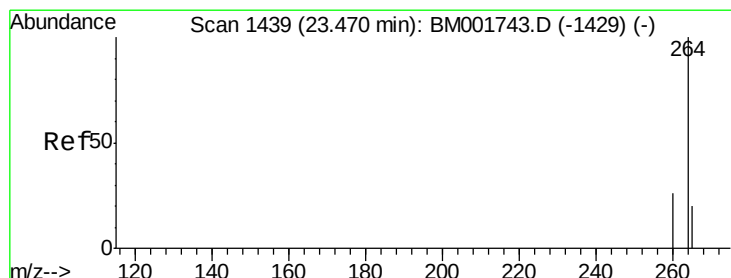
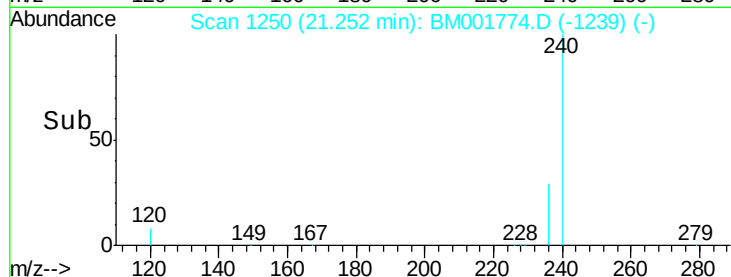
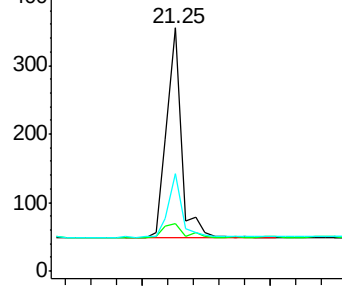
229 40.3 15.0 22.6#



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.47 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BM001774.D

Acq: 22 Jun 2015 14:33

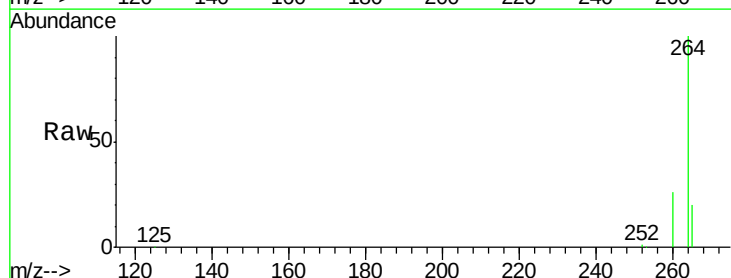
Tgt Ion:264 Resp: 127462

Ion Ratio Lower Upper

264 100

260 26.2 20.8 31.2

265 19.9 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

