

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
 Data File : BM001613.D
 Acq On : 09 Jun 2015 11:09
 Operator : TP/IZ
 Sample : G2491-06DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF016MW027-150601DL

Quant Time: Jun 10 03:28:44 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 03:26:36 2015
 Response via : Initial Calibration

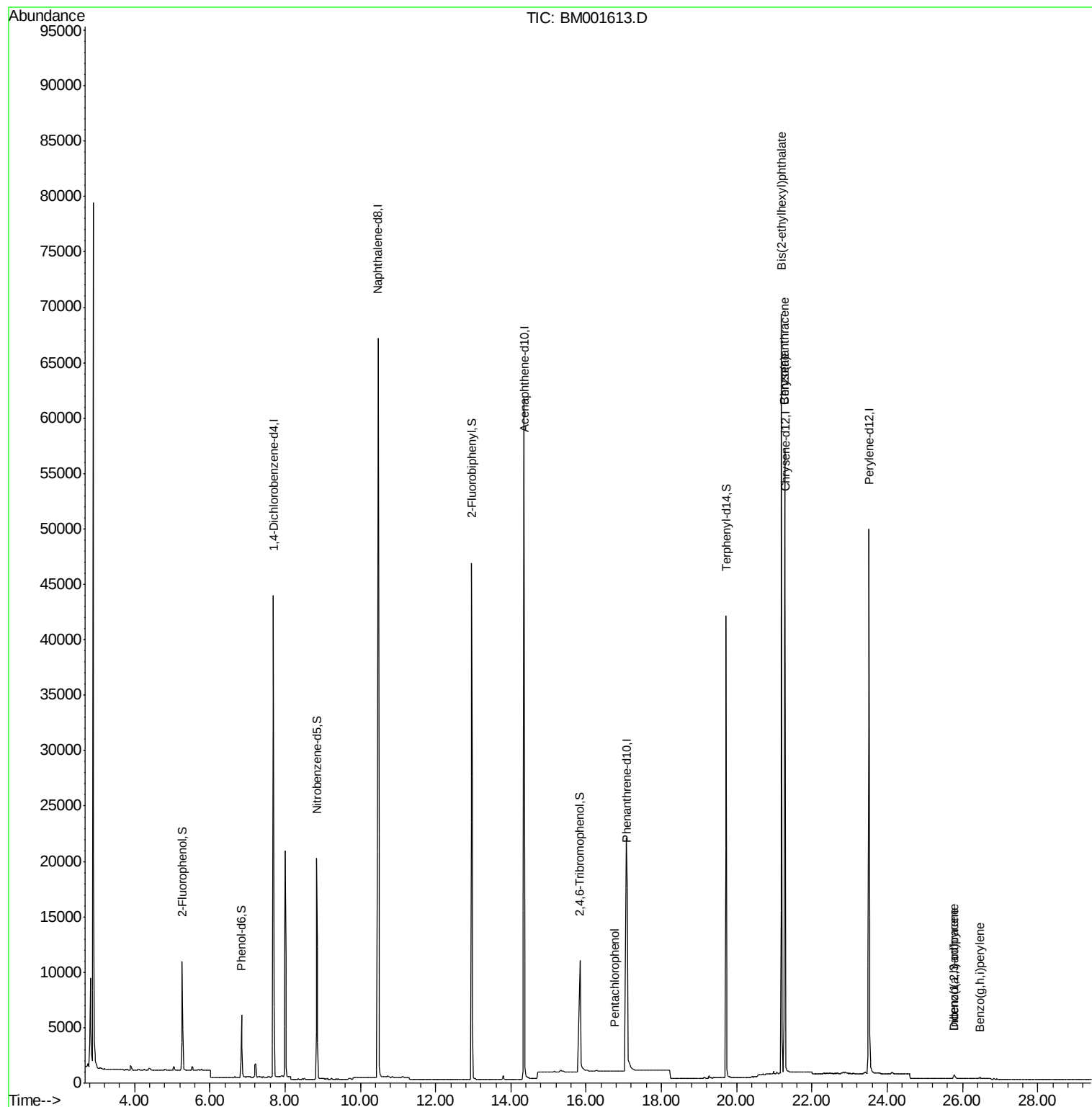
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	24406	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	88458	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	40991	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	48629	5.00	ng	0.00
25) Chrysene-d12	21.28	240	71117	5.00	ng	0.00
32) Perylene-d12	23.51	264	63231	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	7279	1.31	ng	0.00
5) Phenol-d6	6.84	99	5781	0.85	ng	0.00
7) Nitrobenzene-d5	8.85	82	17106	2.74	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	10007	5.13	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	42769	3.21	ng	0.00
27) Terphenyl-d14	19.72	244	40642	4.38	ng	0.00
Target Compounds						
21) Pentachlorophenol	16.75	266	39	0.05	ng	# 75
28) Benzo(a)anthracene	21.27	228	503	0.02	ng	# 77
29) Chrysene	21.27	228	503	0.03	ng	# 73
30) Bis(2-ethylhexyl)phthalate	21.19	149	62951	5.24	ng	99
31) Indeno(1,2,3-cd)pyrene	25.77	276	431	0.02	ng	95
36) Dibenzo(a,h)anthracene	25.78	278	438	0.03	ng	# 21
37) Benzo(g,h,i)perylene	26.45	276	359	0.02	ng	# 36

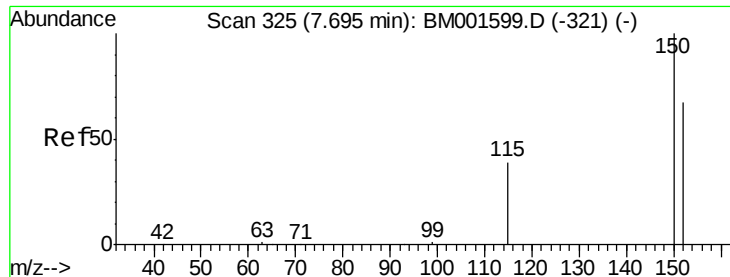
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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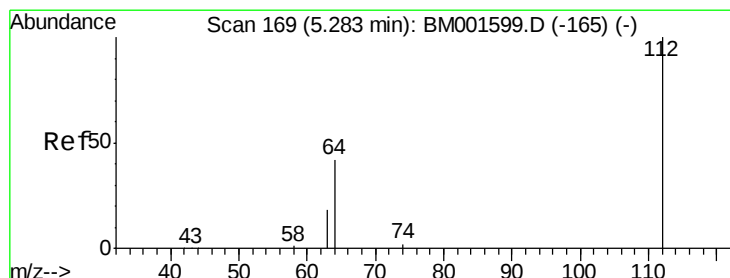
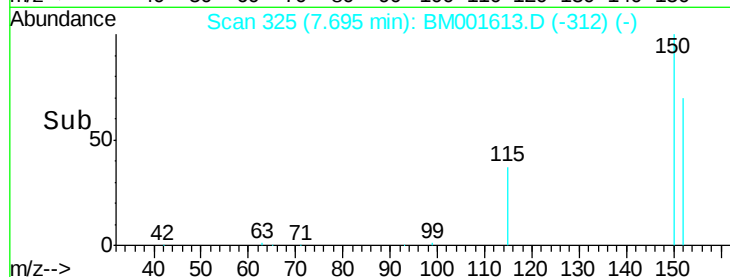
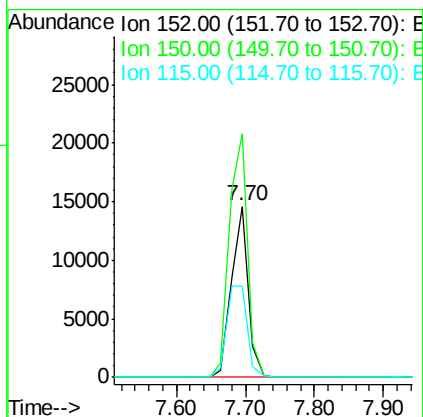
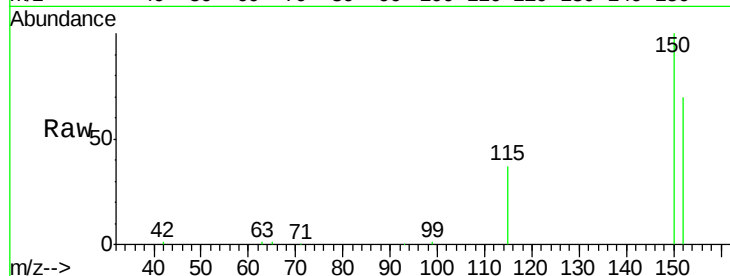


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.70 min Scan# 325
Delta R.T. 0.00 min
Lab File: BM001613.D
Acq: 09 Jun 2015 11:09

Instrument :
BNA_M
ClientSampleId :
LF016MW027-150601DL

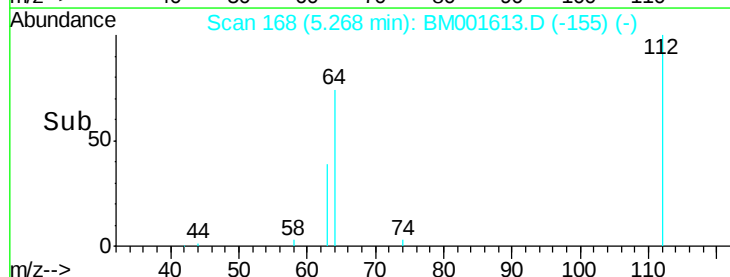
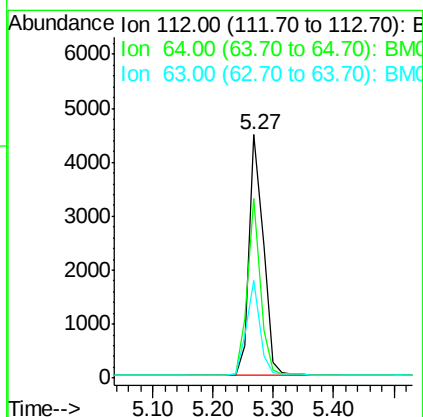
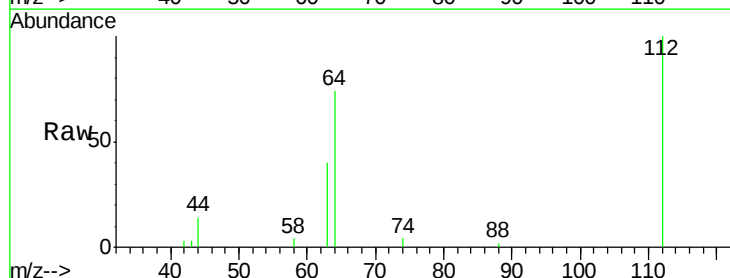
Tgt Ion:152 Resp: 24406
Ion Ratio Lower Upper
152 100
150 142.6 120.1 180.1
115 53.2 47.0 70.6

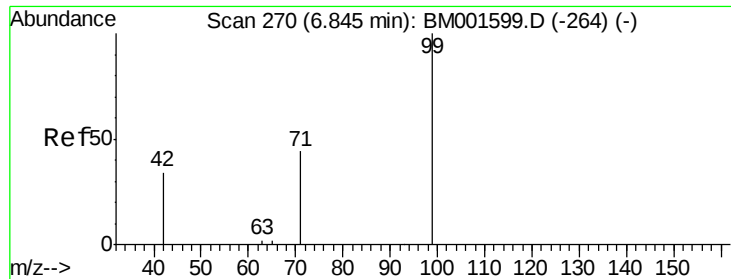


#4

2-Fluorophenol
Concen: 1.31 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM001613.D
Acq: 09 Jun 2015 11:09

Tgt Ion:112 Resp: 7279
Ion Ratio Lower Upper
112 100
64 68.2 54.8 82.2
63 37.9 30.5 45.7





#5

Phenol-d6

Concen: 0.85 ng

RT: 6.84 min Scan# 270

Delta R.T. 0.00 min

Lab File: BM001613.D

Acq: 09 Jun 2015 11:09

Instrument :

BNA_M

ClientSampleId :

LF016MW027-150601DL

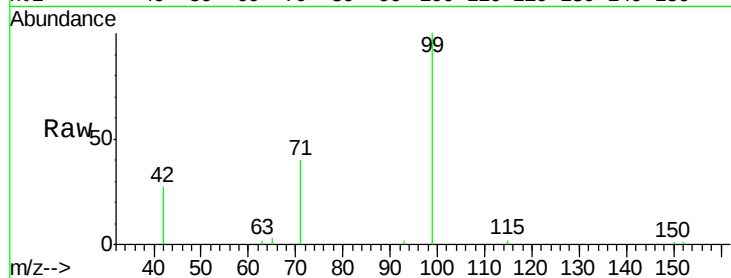
Tgt Ion: 99 Resp: 5781

Ion Ratio Lower Upper

99 100

42 25.4 21.6 32.4

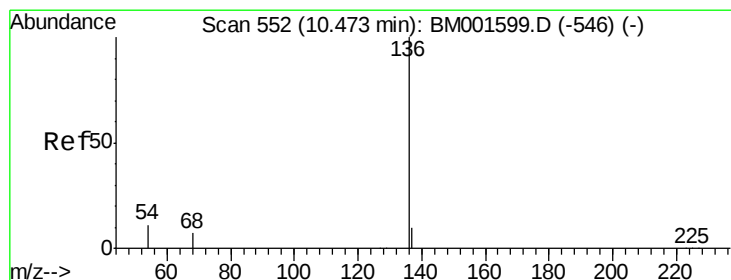
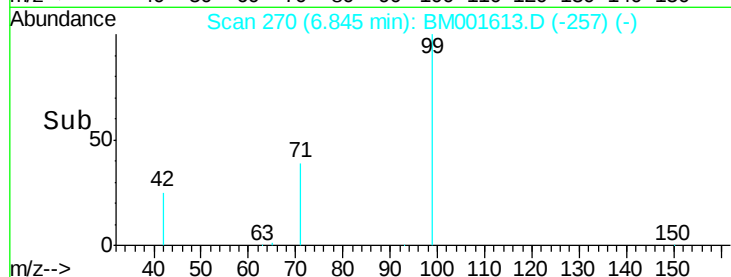
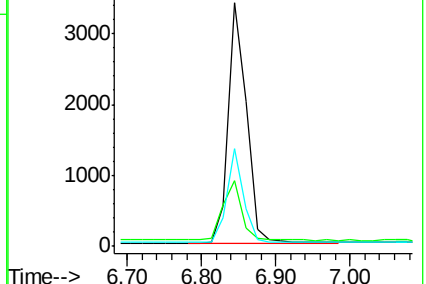
71 35.9 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BM001599.D (-264) (-)

Ion 42.00 (41.70 to 42.70): BM001599.D (-264) (-)

Ion 71.00 (70.70 to 71.70): BM001599.D (-264) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001613.D

Acq: 09 Jun 2015 11:09

Tgt Ion: 136 Resp: 88458

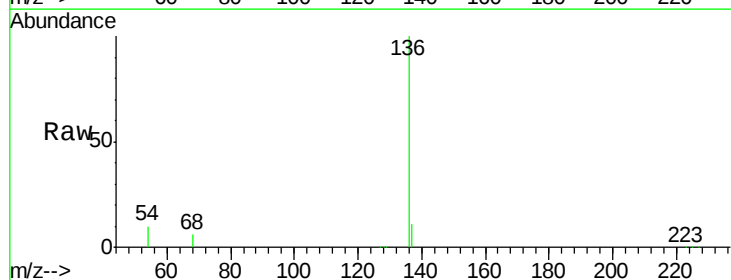
Ion Ratio Lower Upper

136 100

137 10.6 8.3 12.5

54 9.7 9.2 13.8

68 6.0 5.5 8.3

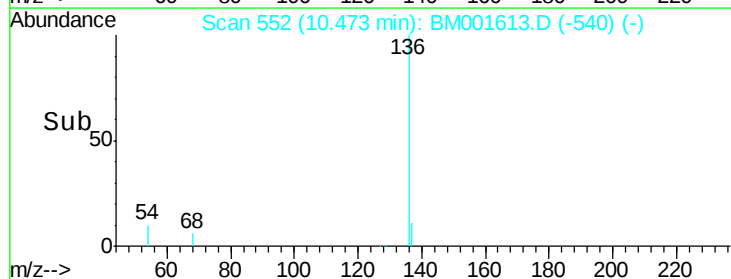
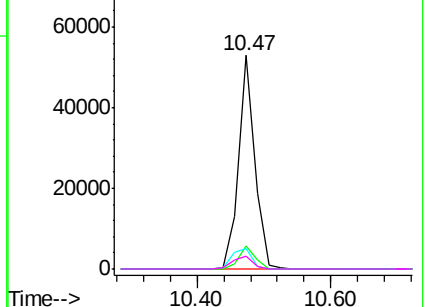


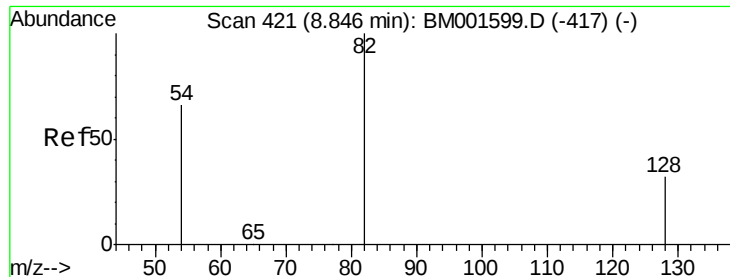
Abundance Ion 136.00 (135.70 to 136.70): BM001599.D (-546) (-)

Ion 137.00 (136.70 to 137.70): BM001599.D (-546) (-)

Ion 54.00 (53.70 to 54.70): BM001599.D (-546) (-)

Ion 68.00 (67.70 to 68.70): BM001599.D (-546) (-)





#7

Nitrobenzene-d5

Concen: 2.74 ng

RT: 8.85 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM001613.D

Acq: 09 Jun 2015 11:09

Instrument :

BNA_M

ClientSampleId :

LF016MW027-150601DL

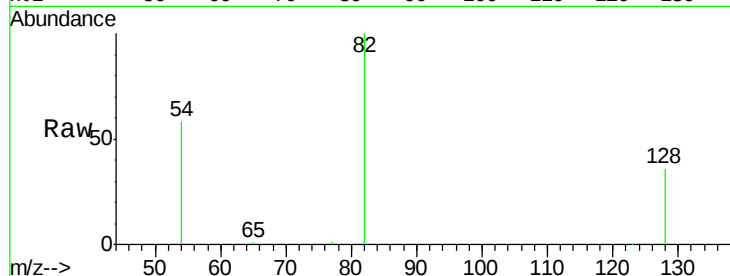
Tgt Ion: 82 Resp: 17106

Ion Ratio Lower Upper

82 100

128 35.7 26.6 40.0

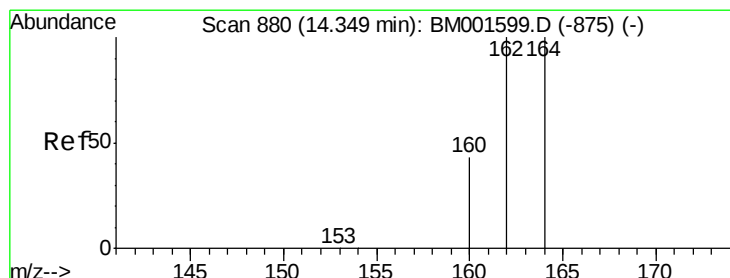
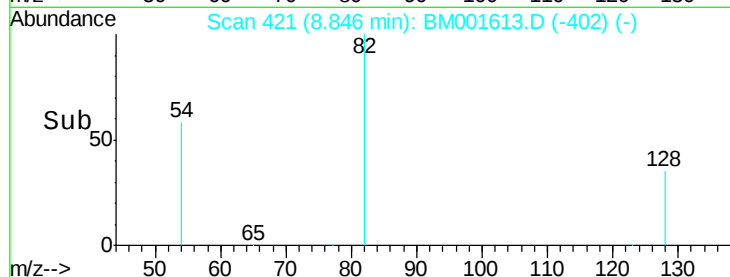
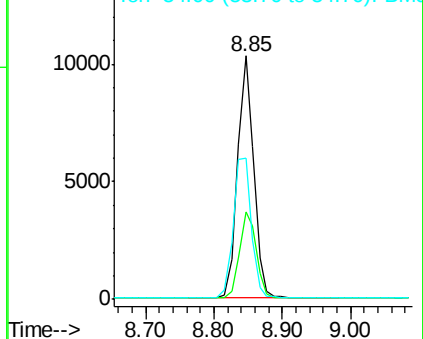
54 58.2 53.0 79.6



Abundance Ion 82.00 (81.70 to 82.70): BM001613.D (-402) (-)

Ion 128.00 (127.70 to 128.70): BM001613.D (-402) (-)

Ion 54.00 (53.70 to 54.70): BM001613.D (-402) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.35 min Scan# 880

Delta R.T. 0.00 min

Lab File: BM001613.D

Acq: 09 Jun 2015 11:09

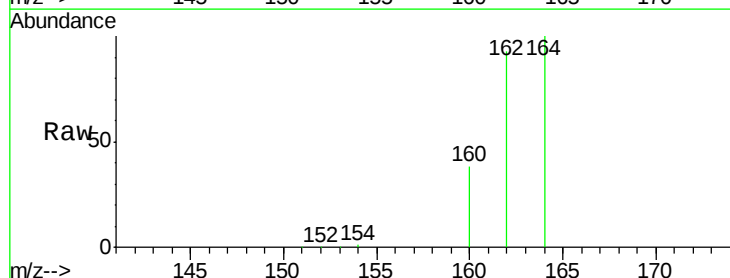
Tgt Ion: 164 Resp: 40991

Ion Ratio Lower Upper

164 100

162 93.4 79.8 119.6

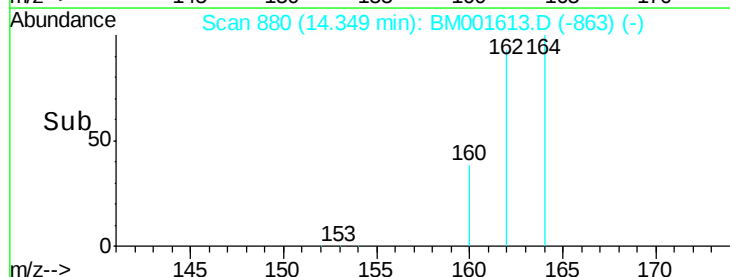
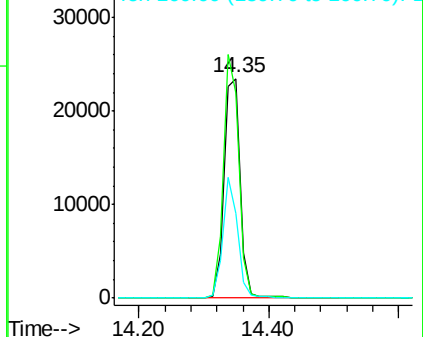
160 38.5 34.6 51.8

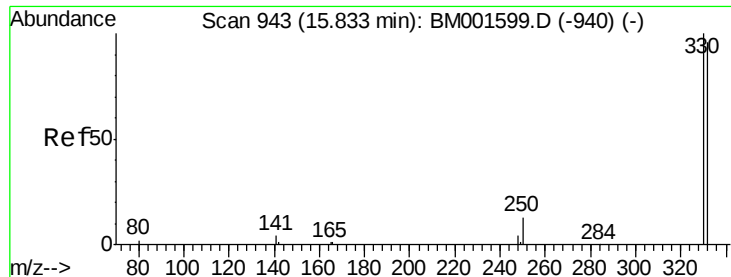


Abundance Ion 164.00 (163.70 to 164.70): BM001613.D (-863) (-)

Ion 162.00 (161.70 to 162.70): BM001613.D (-863) (-)

Ion 160.00 (159.70 to 160.70): BM001613.D (-863) (-)

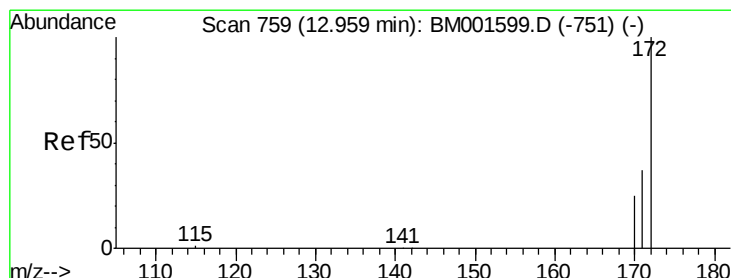
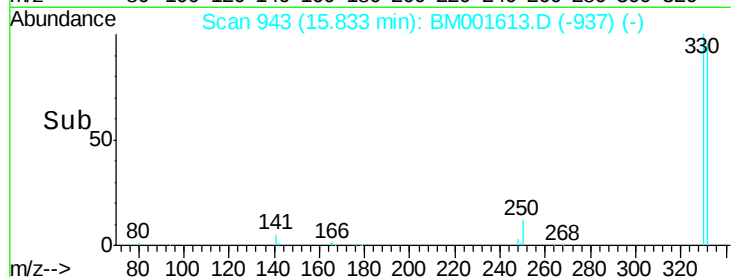
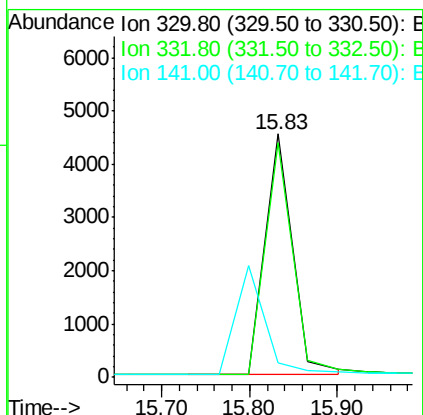
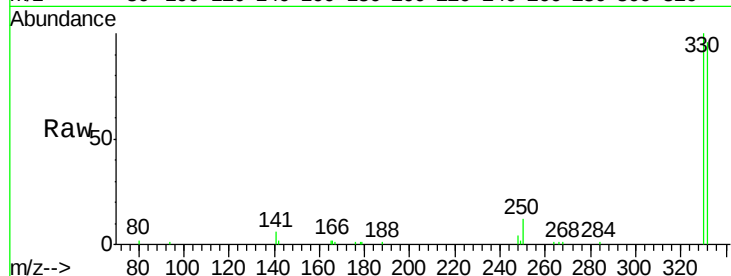




#13
 2,4,6-Tribromophenol
 Concen: 5.13 ng
 RT: 15.83 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BM001613.D
 Acq: 09 Jun 2015 11:09

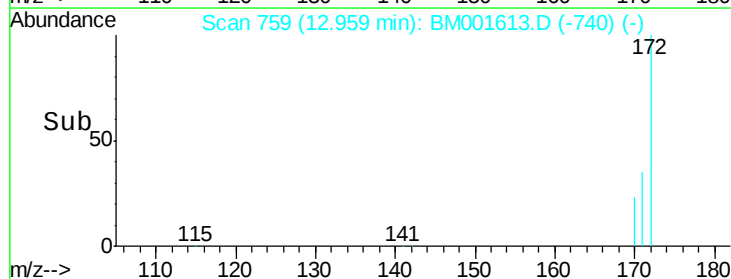
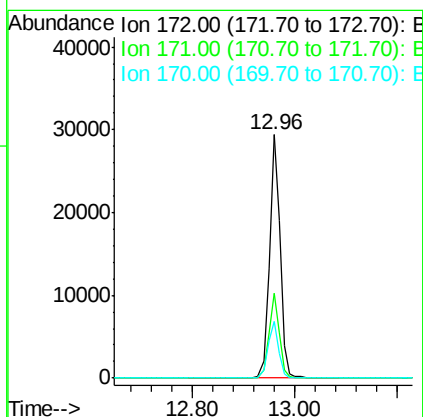
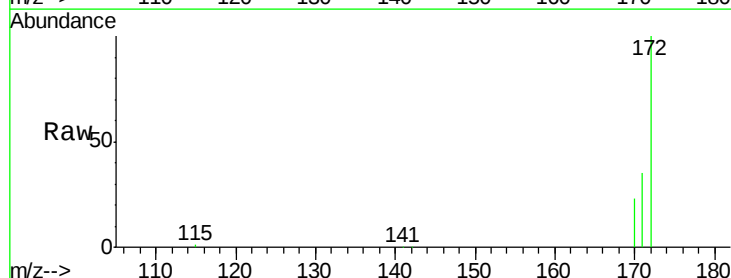
Instrument :
 BNA_M
 ClientSampleId :
 LF016MW027-150601DL

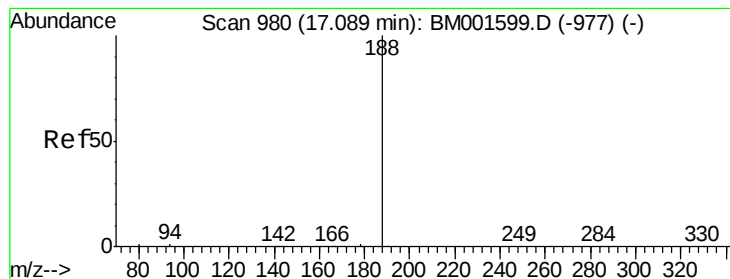
Tgt Ion: 330 Resp: 10007
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.7 115.1
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 3.21 ng
 RT: 12.96 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BM001613.D
 Acq: 09 Jun 2015 11:09

Tgt Ion: 172 Resp: 42769
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.6 44.4
 170 23.5 20.6 31.0





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.09 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001613.D

Acq: 09 Jun 2015 11:09

Instrument :

BNA_M

ClientSampleId :

LF016MW027-150601DL

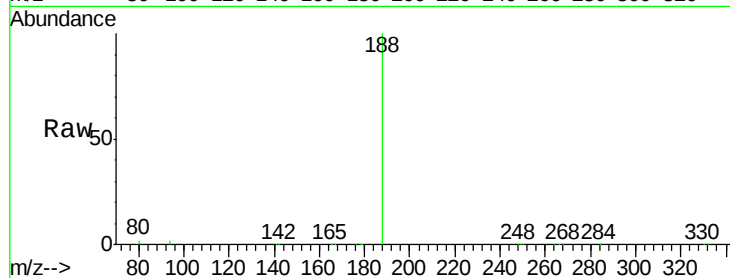
Tgt Ion:188 Resp: 48629

Ion Ratio Lower Upper

188 100

94 1.7 1.0 1.6#

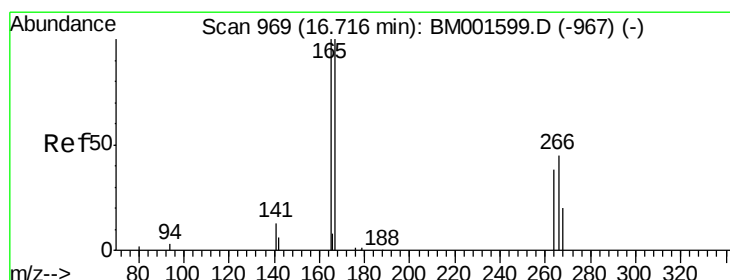
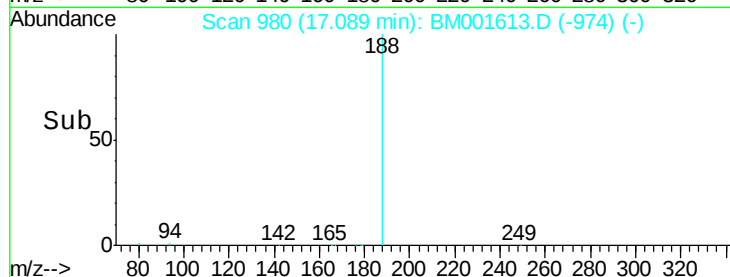
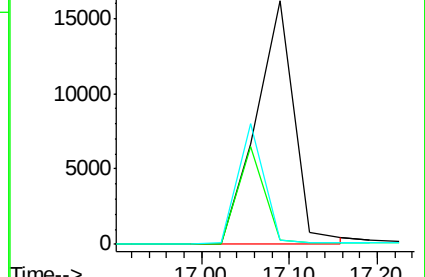
80 1.8 1.0 1.4#



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



#21

Pentachlorophenol

Concen: 0.05 ng

RT: 16.75 min Scan# 970

Delta R.T. 0.03 min

Lab File: BM001613.D

Acq: 09 Jun 2015 11:09

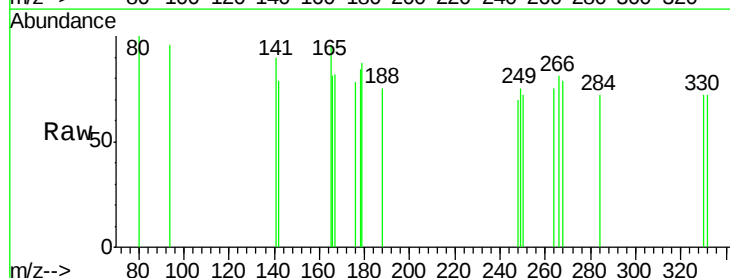
Tgt Ion:266 Resp: 39

Ion Ratio Lower Upper

266 100

268 98.1 45.8 68.8#

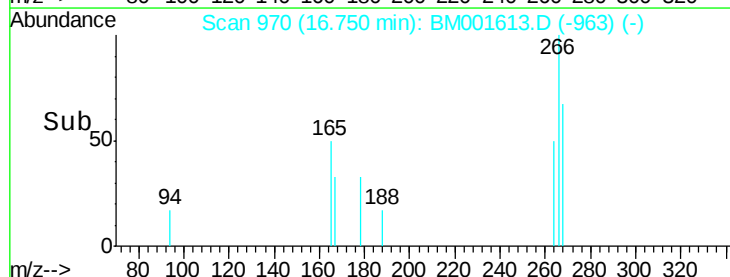
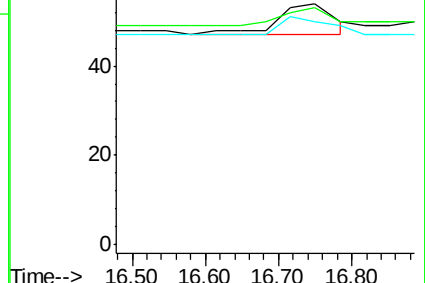
264 92.6 70.6 106.0

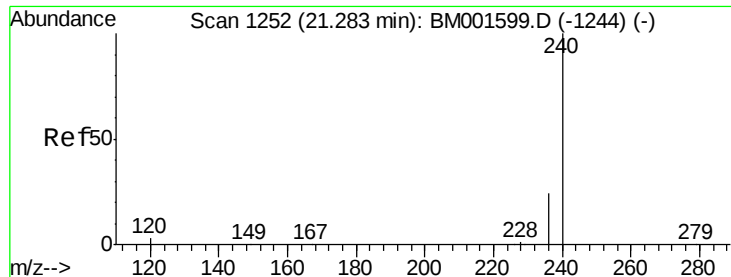


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

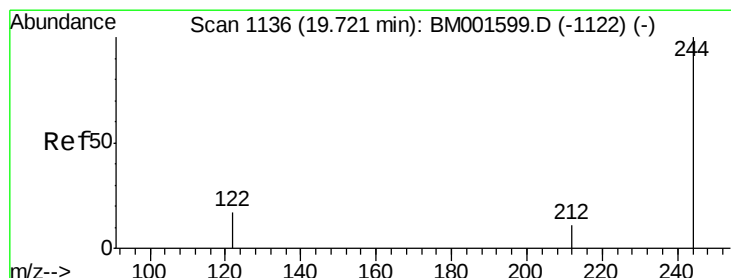
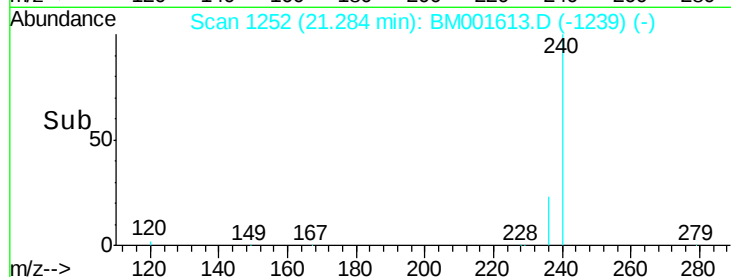
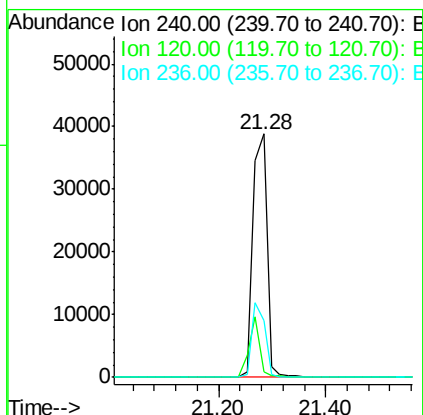
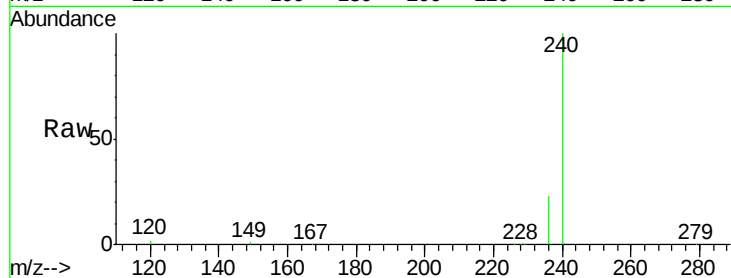




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001613.D
Acq: 09 Jun 2015 11:09

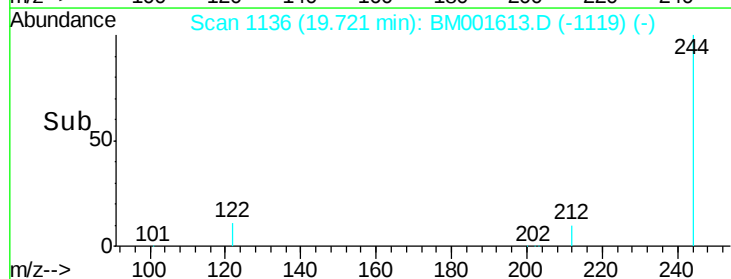
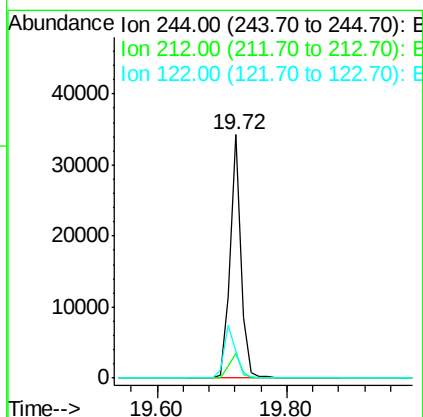
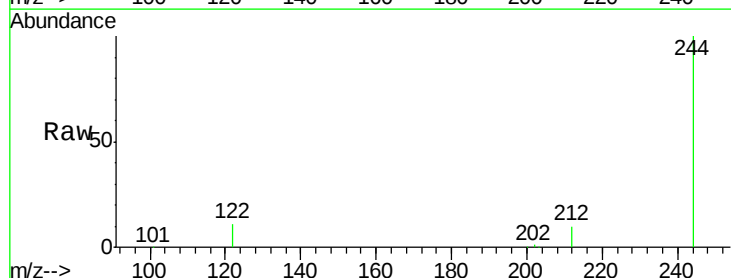
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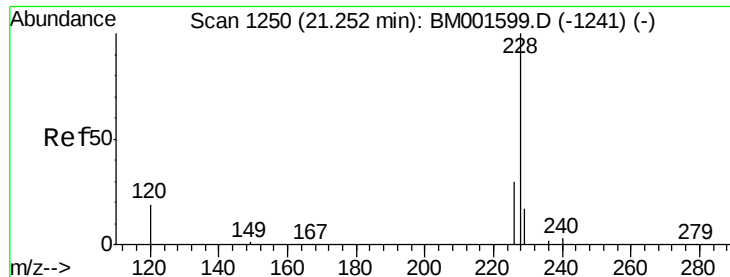
Tgt Ion:240 Resp: 71117
Ion Ratio Lower Upper
240 100
120 2.1 2.2 3.4#
236 23.1 19.6 29.4



#27
Terphenyl-d14
Concen: 4.38 ng
RT: 19.72 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BM001613.D
Acq: 09 Jun 2015 11:09

Tgt Ion:244 Resp: 40642
Ion Ratio Lower Upper
244 100
212 10.1 9.2 13.8
122 11.4 14.5 21.7#





#28

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.27 min Scan# 1251

Delta R.T. 0.02 min

Lab File: BM001613.D

Acq: 09 Jun 2015 11:09

Instrument :

BNA_M

ClientSampleId :

LF016MW027-150601DL

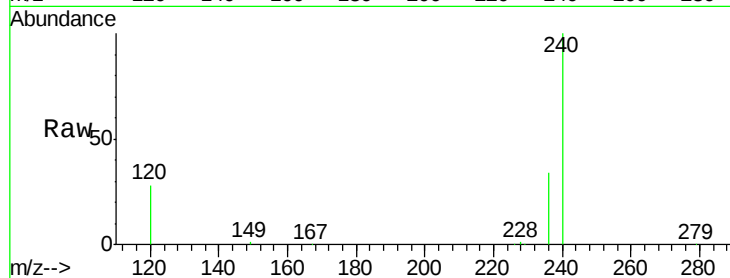
Tgt Ion:228 Resp: 503

Ion Ratio Lower Upper

228 100

226 31.4 24.6 37.0

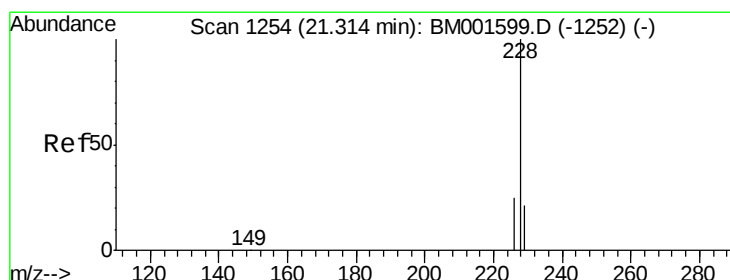
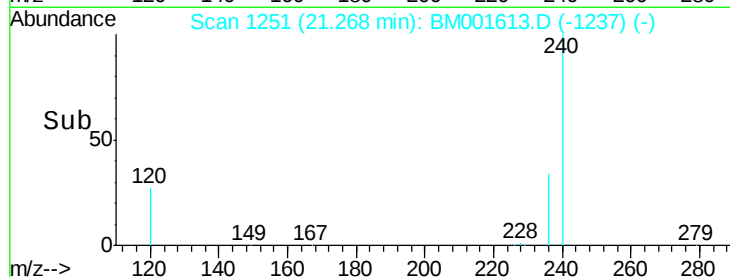
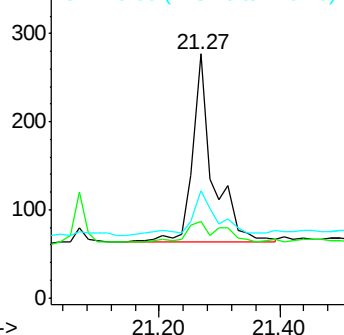
229 44.0 13.8 20.8#



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: 21.27 min Scan# 1251

Delta R.T. -0.05 min

Lab File: BM001613.D

Acq: 09 Jun 2015 11:09

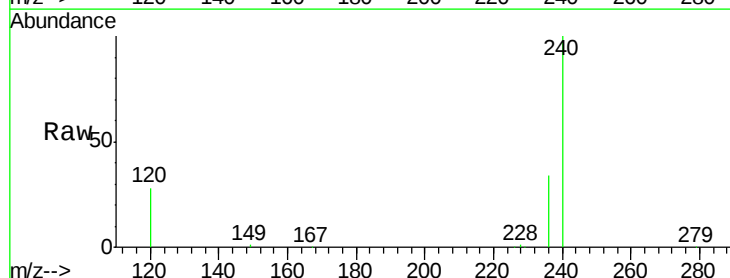
Tgt Ion:228 Resp: 503

Ion Ratio Lower Upper

228 100

226 31.4 20.6 31.0#

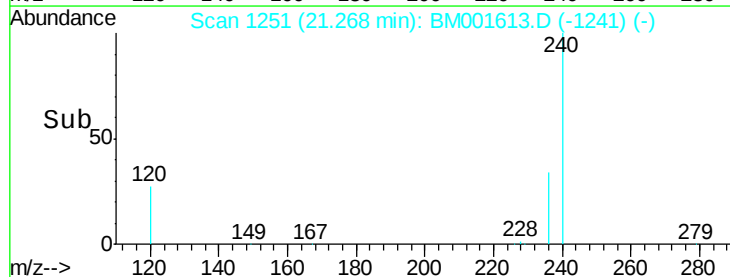
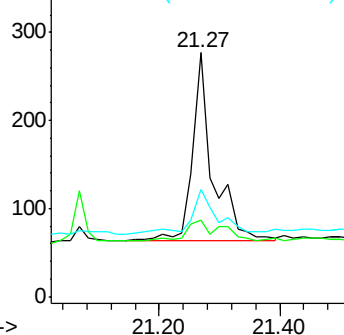
229 44.0 17.4 26.2#

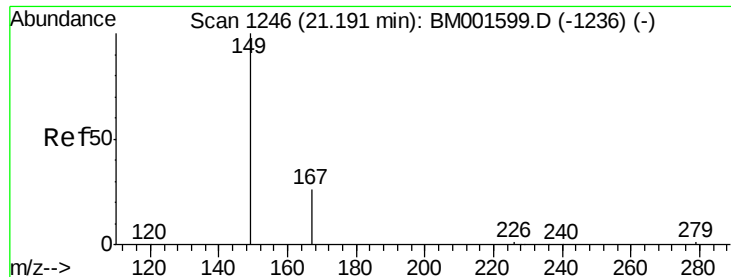


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

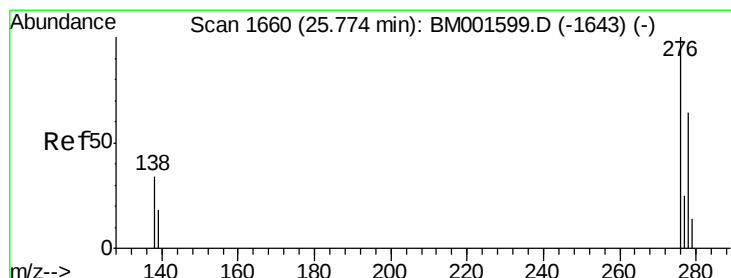
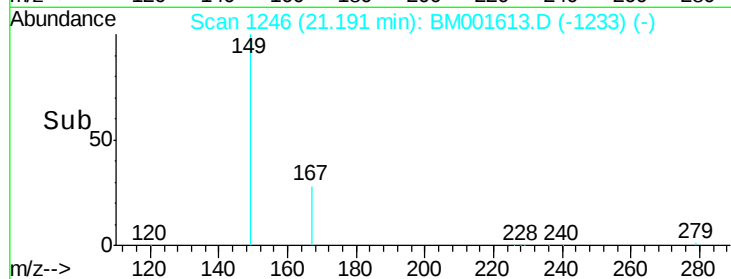
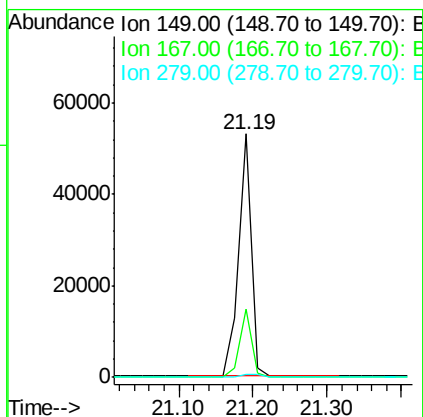
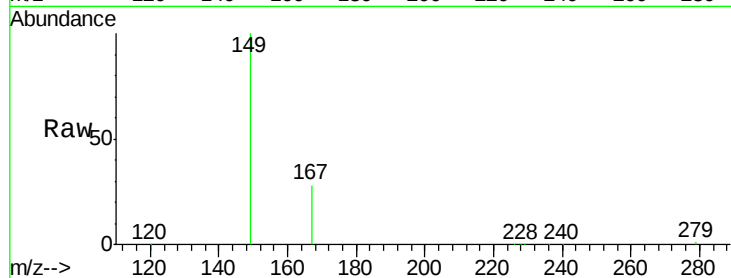




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 5.24 ng
 RT: 21.19 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BM001613.D
 Acq: 09 Jun 2015 11:09

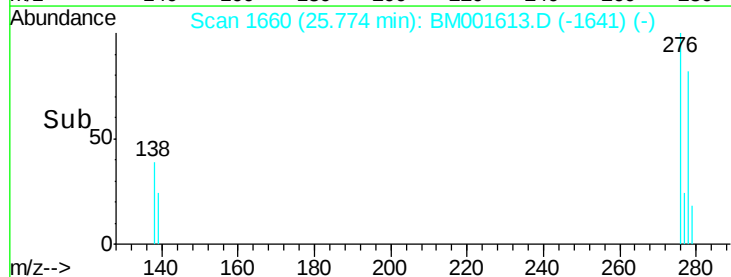
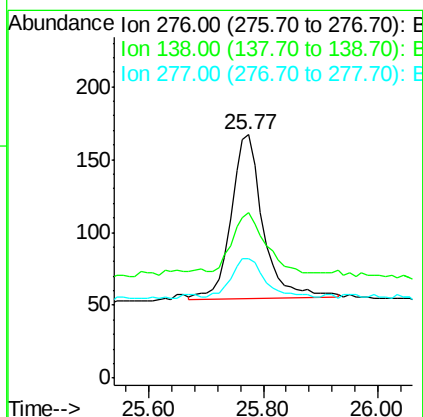
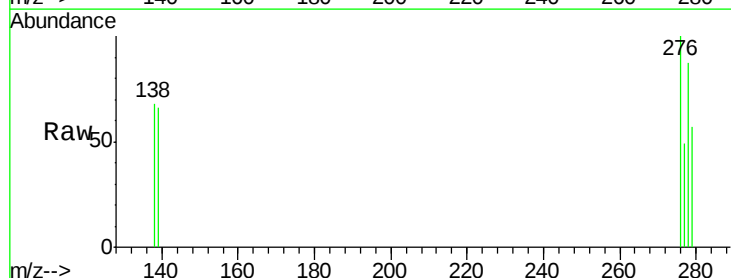
Instrument :
 BNA_M
 ClientSampleId :
 LF016MW027-150601DL

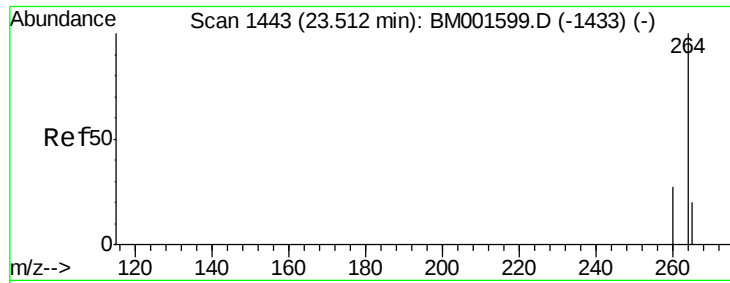
Tgt Ion:149 Resp: 62951
 Ion Ratio Lower Upper
 149 100
 167 26.1 20.2 30.4
 279 1.9 1.7 2.5



#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.02 ng
 RT: 25.77 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BM001613.D
 Acq: 09 Jun 2015 11:09

Tgt Ion:276 Resp: 431
 Ion Ratio Lower Upper
 276 100
 138 39.2 28.2 42.2
 277 26.0 19.4 29.2

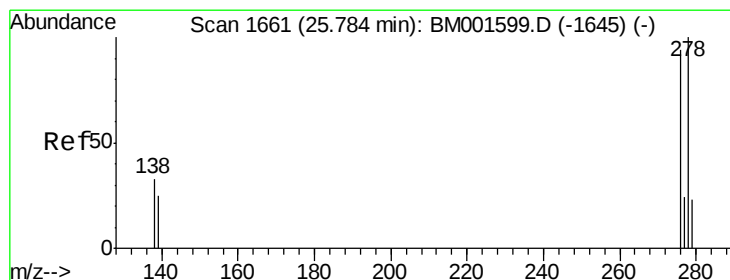
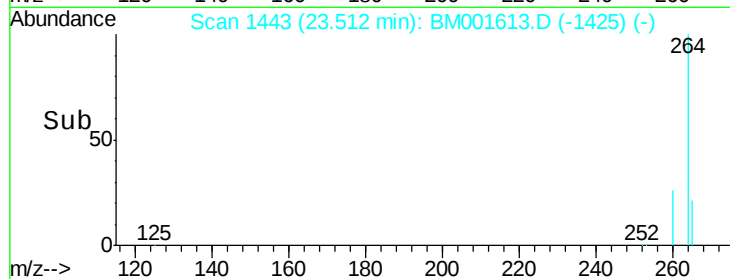
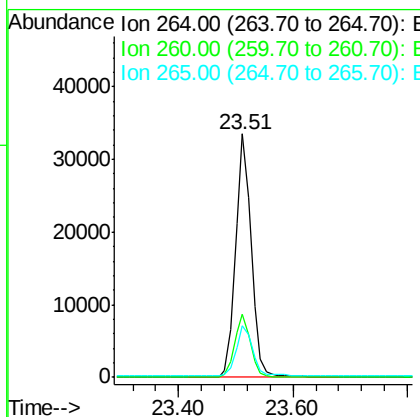
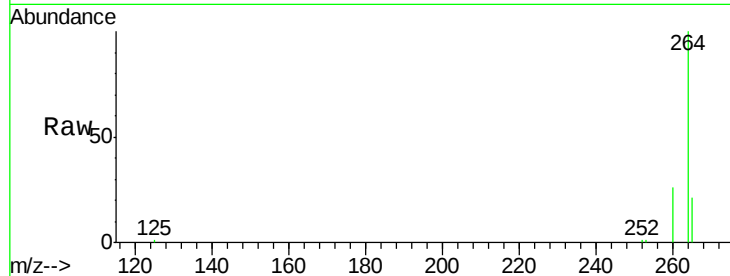




#32
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BM001613.D
Acq: 09 Jun 2015 11:09

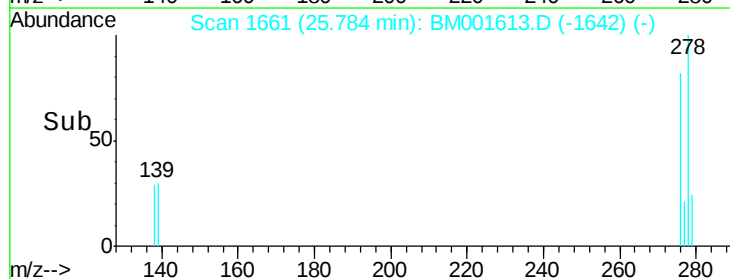
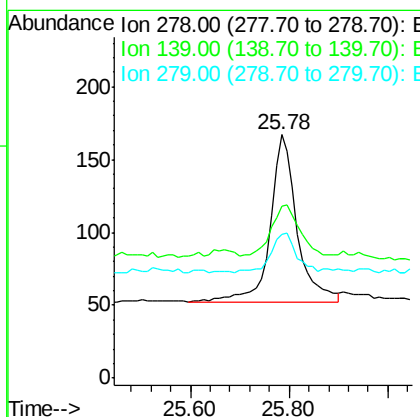
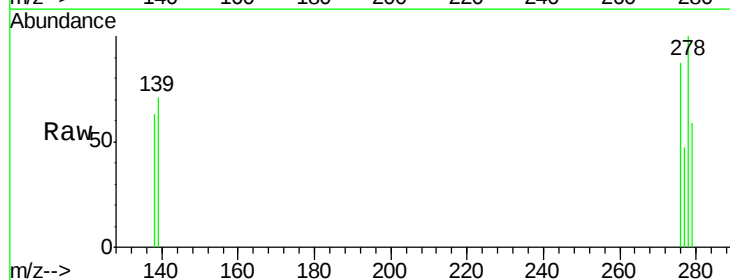
Instrument :
BNA_M
ClientSampleId :
LF016MW027-150601DL

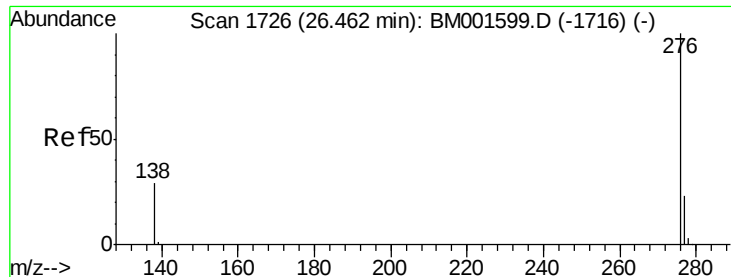
Tgt Ion: 264 Resp: 63231
Ion Ratio Lower Upper
264 100
260 25.7 21.8 32.6
265 21.4 16.8 25.2



#36
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 25.78 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BM001613.D
Acq: 09 Jun 2015 11:09

Tgt Ion: 278 Resp: 438
Ion Ratio Lower Upper
278 100
139 70.7 20.6 31.0#
279 59.3 19.7 29.5#





#37
 Benzo(g,h,i)perylene
 Concen: 0.02 ng
 RT: 26.45 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BM001613.D
 Acq: 09 Jun 2015 11:09

Instrument :
 BNA_M
 ClientSampleId :
 LF016MW027-150601DL

Tgt Ion: 276 Resp: 359
 Ion Ratio Lower Upper
 276 100
 277 54.3 19.4 29.0#
 138 67.1 24.5 36.7#

