

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
 Data File : BM001591.D
 Acq On : 06 Jun 2015 12:52
 Operator : TP/IZ
 Sample : G2491-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF016MW027-150601

Quant Time: Jun 08 05:38:47 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 05:27:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	26318	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	92425	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	41341	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	56870	5.00	ng	0.00
25) Chrysene-d12	21.28	240	67392	5.00	ng	0.00
32) Perylene-d12	23.52	264	62589	5.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.28	112	15050	2.59	ng	0.02
5) Phenol-d6	6.86	99	11705	1.64	ng	0.02
7) Nitrobenzene-d5	8.85	82	35860	5.70	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	23474	11.86	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	78499	6.16	ng	0.00
27) Terphenyl-d14	19.72	244	69081	7.94	ng	0.00

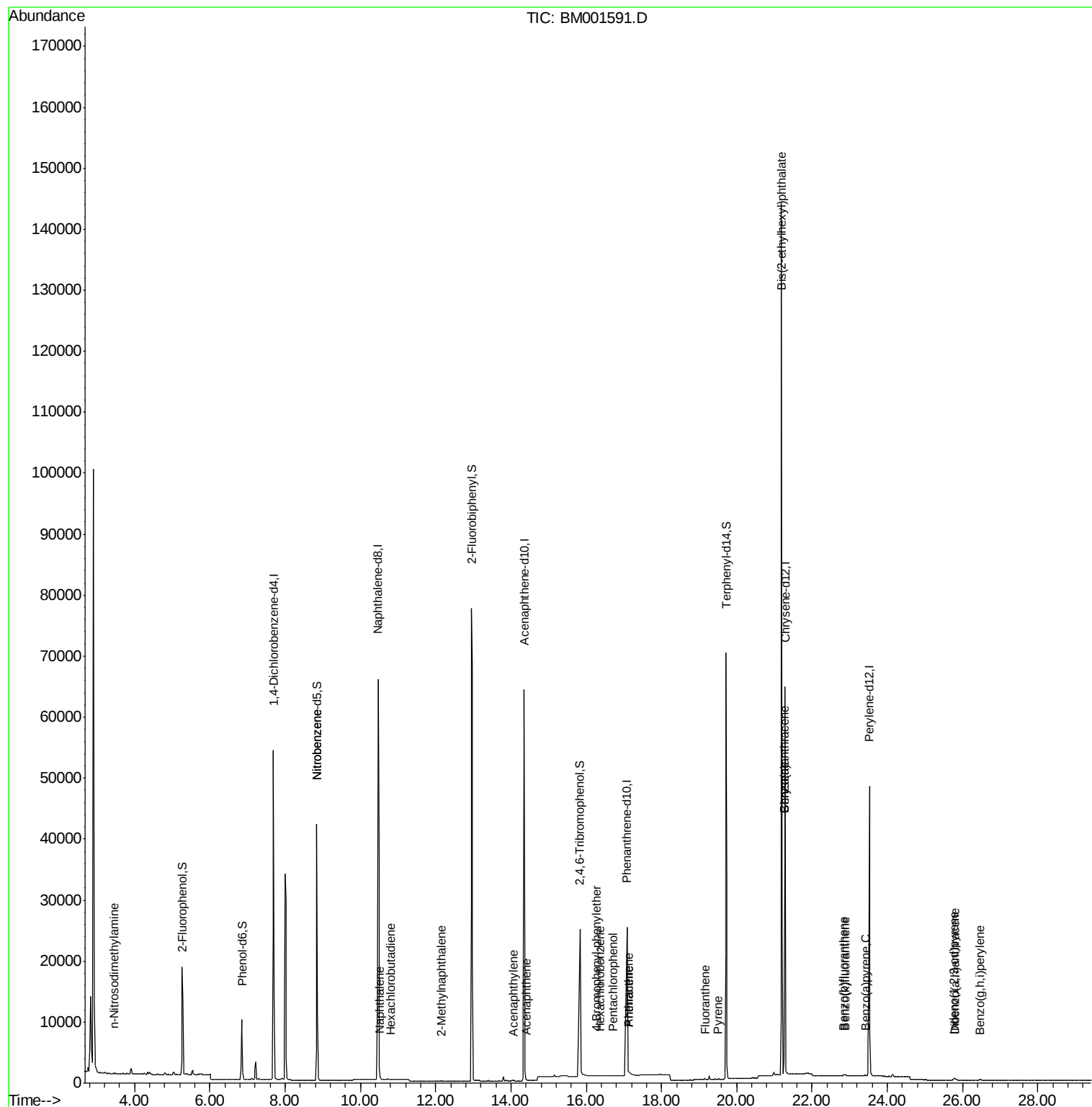
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.21	88	249	Below Cal	#	61
3) n-Nitrosodimethylamine	3.46	42	78	0.02	ng	1
8) Nitrobenzene	8.85	77	133	0.02	ng	32
9) Naphthalene	10.52	128	270	0.01	ng	33
10) Hexachlorobutadiene	10.82	225	2	0.00	ng	35
11) 2-Methylnaphthalene	12.15	142	68	0.01	ng	71
15) Acenaphthylene	14.06	152	55	0.00	ng	70
16) Acenaphthene	14.41	154	55	0.00	ng	82
19) 4-Bromophenyl-phenylether	16.27	248	8	0.08	ng	60
20) Hexachlorobenzene	16.38	284	4	0.00	ng	40
21) Pentachlorophenol	16.72	266	37	0.04	ng	68
22) Phenanthrene	17.12	178	308	0.02	ng	75
23) Anthracene	17.12	178	430	0.05	ng	50
24) Fluoranthene	19.15	202	153	0.01	ng	33
26) Pyrene	19.52	202	154	0.01	ng	55
28) Benzo(a)anthracene	21.27	228	568	0.03	ng	54
29) Chrysene	21.27	228	590	0.03	ng	49
30) Bis(2-ethylhexyl)phthalate	21.19	149	128475	10.05	ng	100
31) Indeno(1,2,3-cd)pyrene	25.77	276	415	0.02	ng	87
33) Benzo(b)fluoranthene	22.84	252	201	0.01	ng	1
34) Benzo(k)fluoranthene	22.89	252	170	0.01	ng	1
35) Benzo(a)pyrene	23.42	252	212	0.01	ng	1
36) Dibenzo(a,h)anthracene	25.79	278	391	0.02	ng	1
37) Benzo(g,h,i)perylene	26.46	276	403	0.02	ng	23

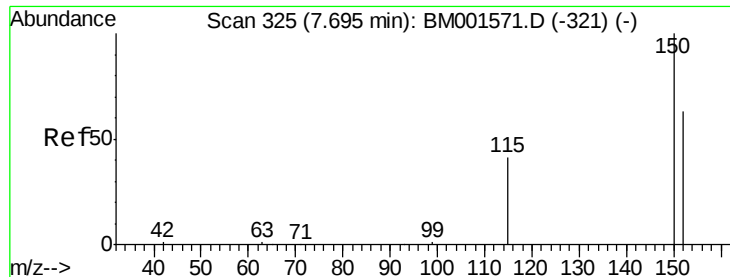
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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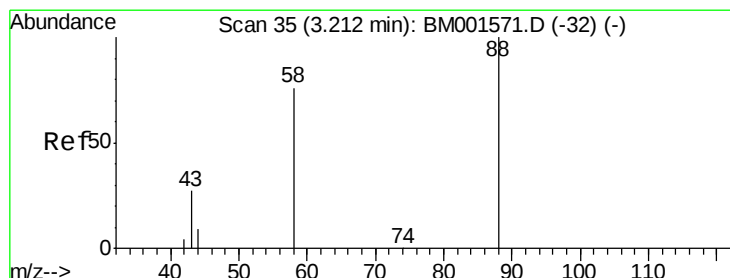
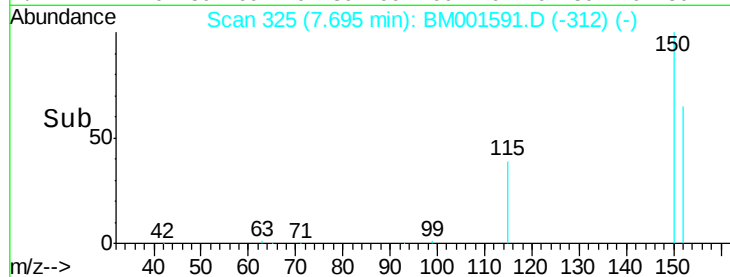
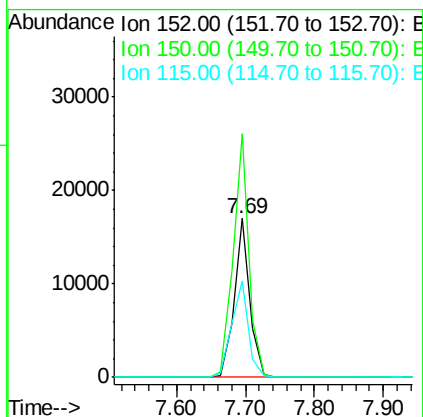
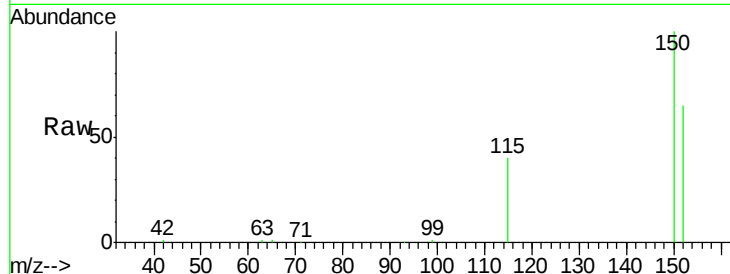




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.69 min Scan# 325
 Delta R.T. -0.00 min
 Lab File: BM001591.D
 Acq: 06 Jun 2015 12:52

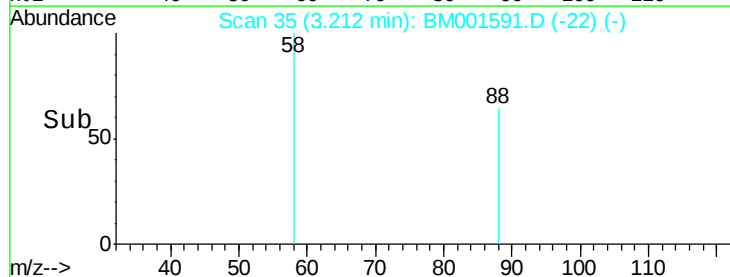
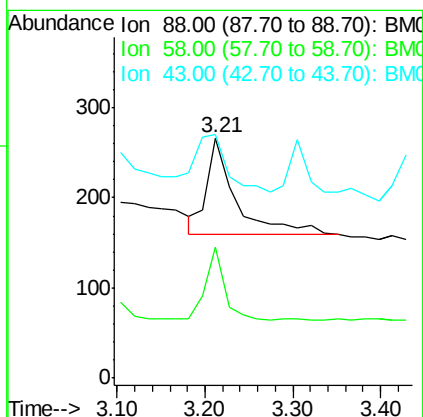
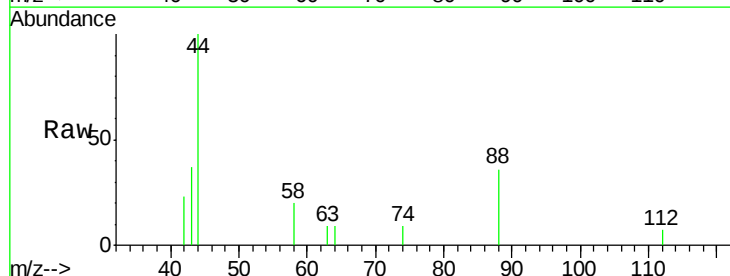
Instrument :
 BNA_M
 ClientSampleId :
 LF016MW027-150601

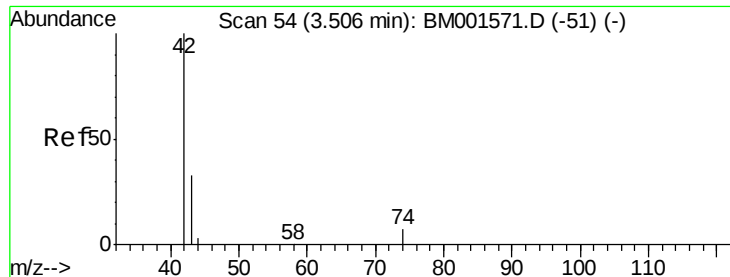
Tgt Ion: 152 Resp: 26318
 Ion Ratio Lower Upper
 152 100
 150 153.2 126.6 190.0
 115 60.5 51.6 77.4



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.21 min Scan# 35
 Delta R.T. -0.00 min
 Lab File: BM001591.D
 Acq: 06 Jun 2015 12:52

Tgt Ion: 88 Resp: 249
 Ion Ratio Lower Upper
 88 100
 58 47.4 66.1 99.1#
 43 64.7 32.3 48.5#





#3

n-Nitrosodimethylamine

Concen: 0.02 ng

RT: 3.46 min Scan# 51

Delta R.T. -0.05 min

Lab File: BM001591.D

Acq: 06 Jun 2015 12:52

Instrument :

BNA_M

ClientSampleId :

LF016MW027-150601

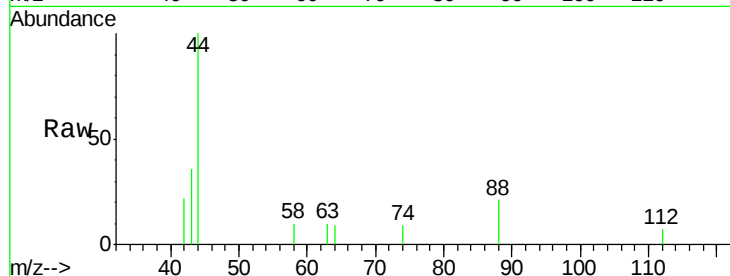
Tgt Ion: 42 Resp: 78

Ion Ratio Lower Upper

42 100

74 0.0 77.2 115.8#

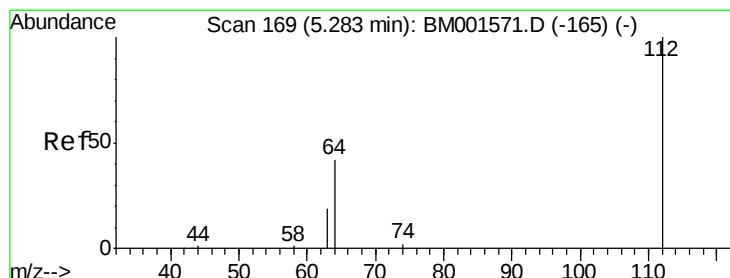
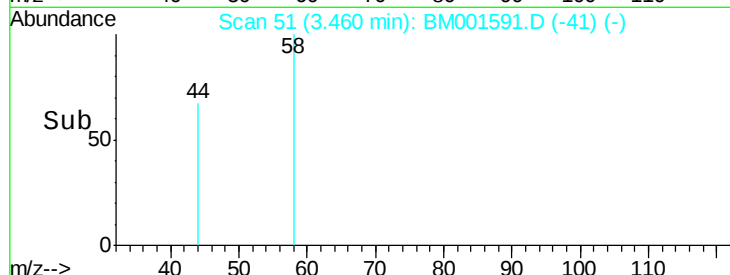
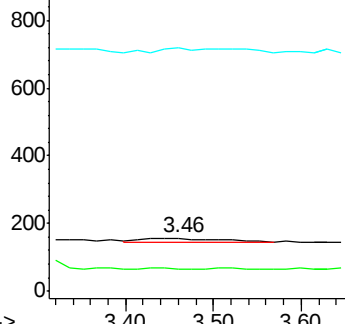
44 57.7 7.4 11.2#



Abundance Ion 42.00 (41.70 to 42.70): BM001571.D (-51) (-)

Ion 74.00 (73.70 to 74.70): BM001571.D (-51) (-)

Ion 44.00 (43.70 to 44.70): BM001571.D (-51) (-)



#4

2-Fluorophenol

Concen: 2.59 ng

RT: 5.28 min Scan# 169

Delta R.T. 0.02 min

Lab File: BM001591.D

Acq: 06 Jun 2015 12:52

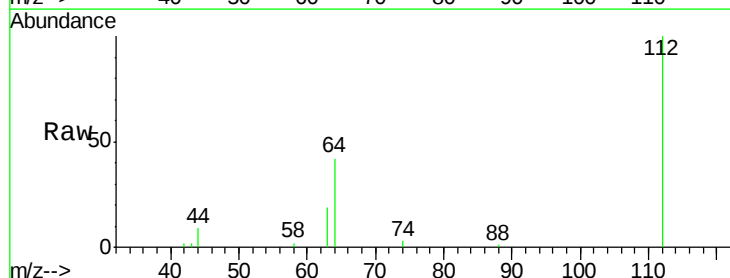
Tgt Ion: 112 Resp: 15050

Ion Ratio Lower Upper

112 100

64 67.8 53.3 79.9

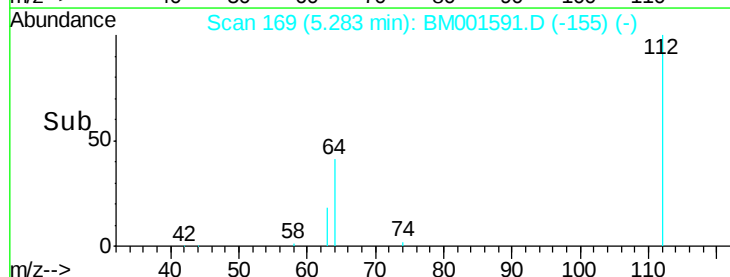
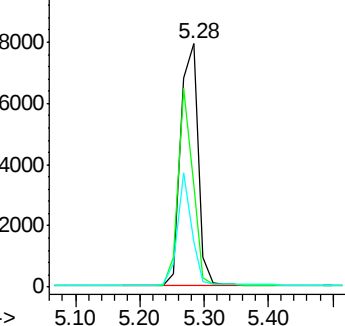
63 37.1 29.7 44.5

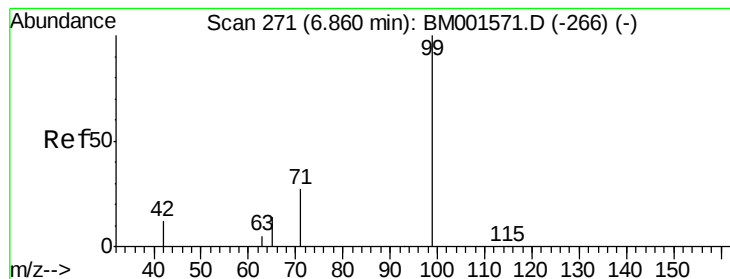


Abundance Ion 112.00 (111.70 to 112.70): BM001571.D (-165) (-)

Ion 64.00 (63.70 to 64.70): BM001571.D (-165) (-)

Ion 63.00 (62.70 to 63.70): BM001571.D (-165) (-)





#5

Phenol-d6

Concen: 1.64 ng

RT: 6.86 min Scan# 271

Delta R.T. 0.02 min

Lab File: BM001591.D

Acq: 06 Jun 2015 12:52

Instrument :

BNA_M

ClientSampleId :

LF016MW027-150601

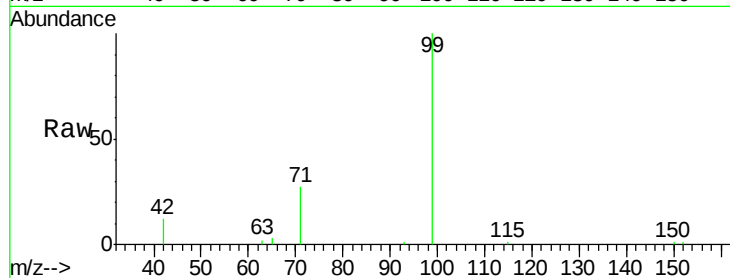
Tgt Ion: 99 Resp: 11705

Ion Ratio Lower Upper

99 100

42 24.6 21.4 32.2

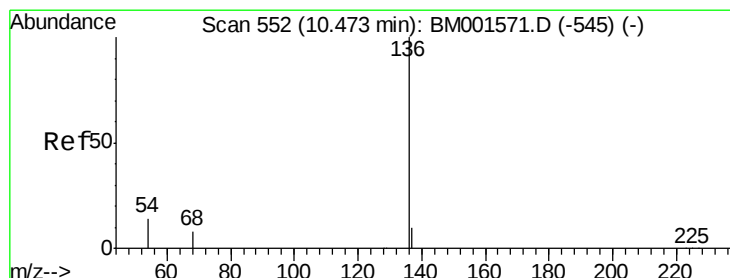
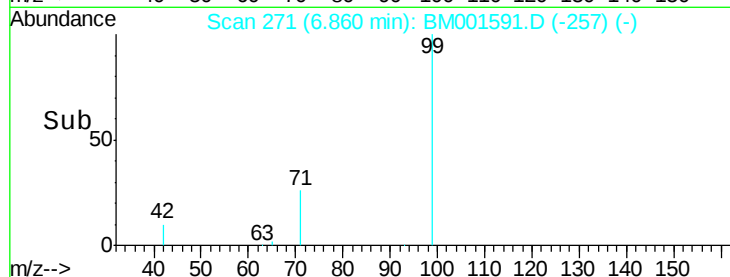
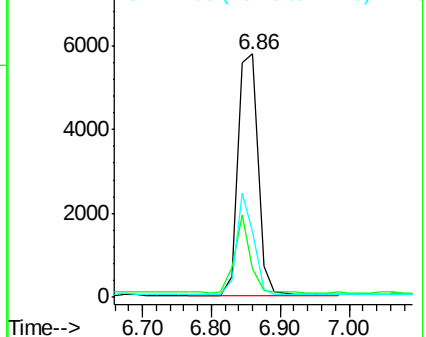
71 35.1 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BM001591.D (-257) (-)

Ion 42.00 (41.70 to 42.70): BM001591.D (-257) (-)

Ion 71.00 (70.70 to 71.70): BM001591.D (-257) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. -0.00 min

Lab File: BM001591.D

Acq: 06 Jun 2015 12:52

Tgt Ion: 136 Resp: 92425

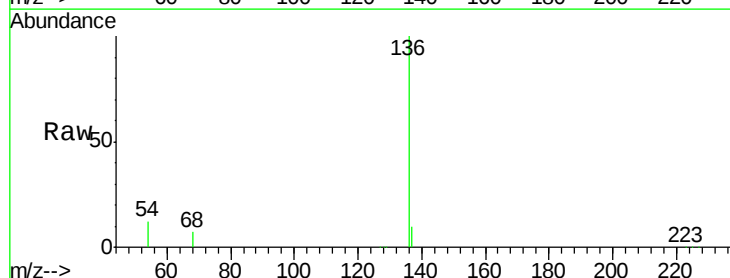
Ion Ratio Lower Upper

136 100

137 10.3 8.1 12.1

54 12.1 11.7 17.5

68 7.3 6.6 9.8

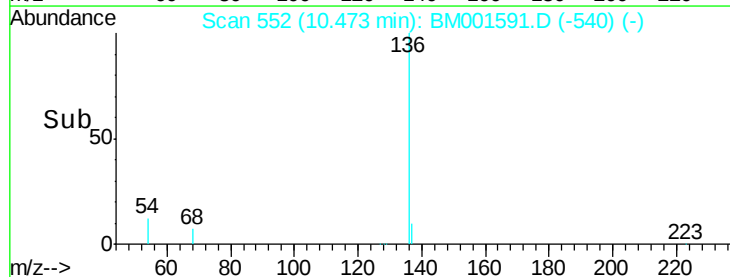
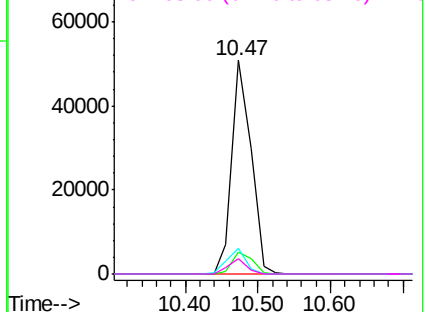


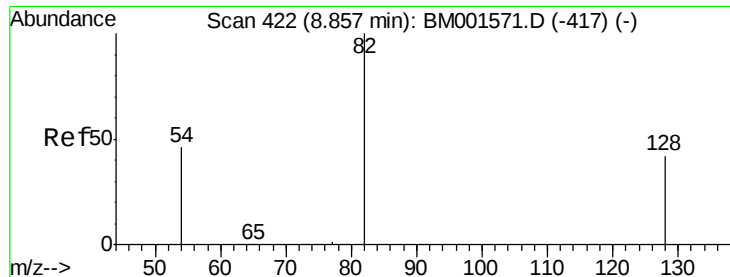
Abundance Ion 136.00 (135.70 to 136.70): BM001591.D (-540) (-)

Ion 137.00 (136.70 to 137.70): BM001591.D (-540) (-)

Ion 54.00 (53.70 to 54.70): BM001591.D (-540) (-)

Ion 68.00 (67.70 to 68.70): BM001591.D (-540) (-)





#7

Nitrobenzene-d5

Concen: 5.70 ng

RT: 8.85 min Scan# 421

Delta R.T. -0.00 min

Lab File: BM001591.D

Acq: 06 Jun 2015 12:52

Instrument :

BNA_M

ClientSampleId :

LF016MW027-150601

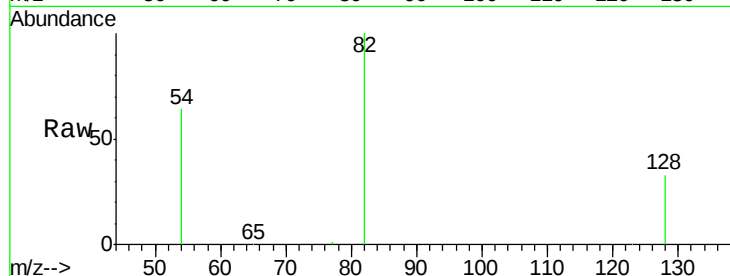
Tgt Ion: 82 Resp: 35860

Ion Ratio Lower Upper

82 100

128 33.3 34.1 51.1#

54 64.4 37.8 56.6#



Abundance Ion 82.00 (81.70 to 82.70): BM001591.D (-417) (-)

Ion 128.00 (127.70 to 128.70): BM001591.D (-417) (-)

Ion 54.00 (53.70 to 54.70): BM001591.D (-417) (-)

Time-->

8.70 8.80 8.90 9.00

25000

20000

15000

10000

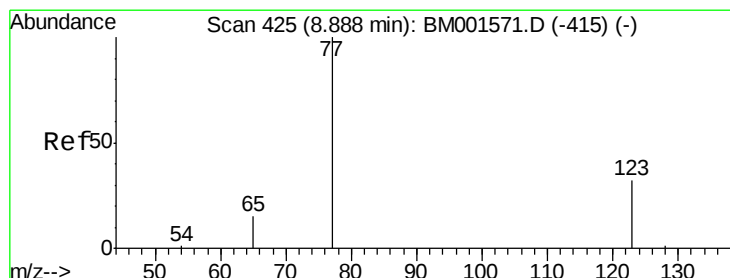
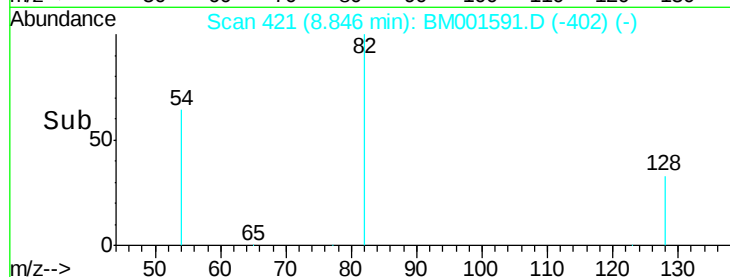
5000

0

8.85

Time-->

8.70 8.80 8.90 9.00



#8

Nitrobenzene

Concen: 0.02 ng

RT: 8.85 min Scan# 421

Delta R.T. -0.04 min

Lab File: BM001591.D

Acq: 06 Jun 2015 12:52

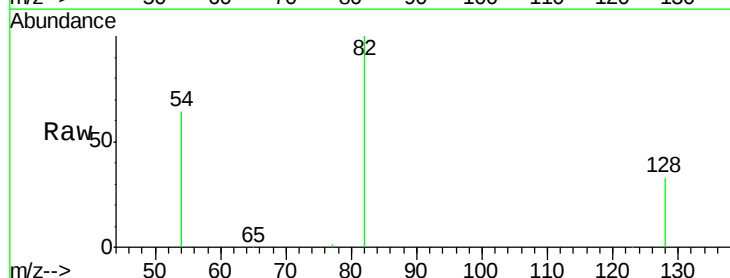
Tgt Ion: 77 Resp: 133

Ion Ratio Lower Upper

77 100

123 0.0 31.7 47.5#

65 45.9 11.4 17.0#



Abundance Ion 77.00 (76.70 to 77.70): BM001591.D (-402) (-)

Ion 123.00 (122.70 to 123.70): BM001591.D (-402) (-)

Ion 65.00 (64.70 to 65.70): BM001591.D (-402) (-)

Time-->

8.80 8.85 8.90

250

200

150

100

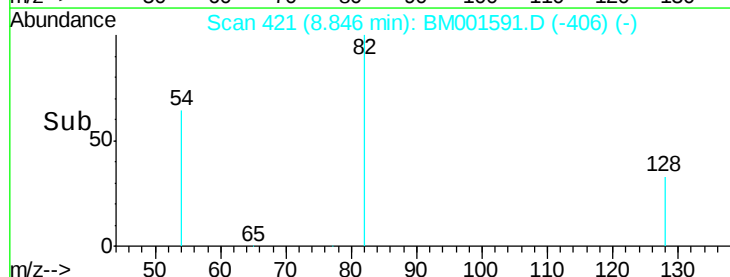
50

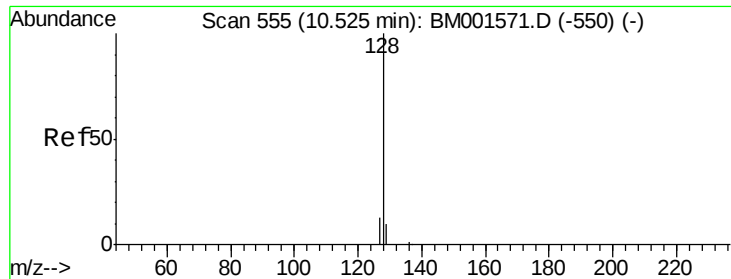
0

8.85

Time-->

8.80 8.85 8.90





#9

Naphthalene

Concen: 0.01 ng

RT: 10.52 min Scan# 555

Delta R.T. -0.00 min

Lab File: BM001591.D

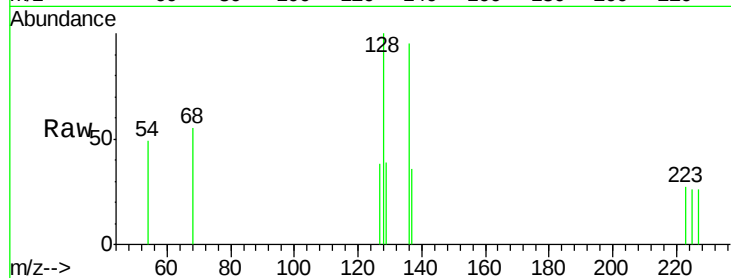
Acq: 06 Jun 2015 12:52

Instrument :

BNA_M

ClientSampleId :

LF016MW027-150601



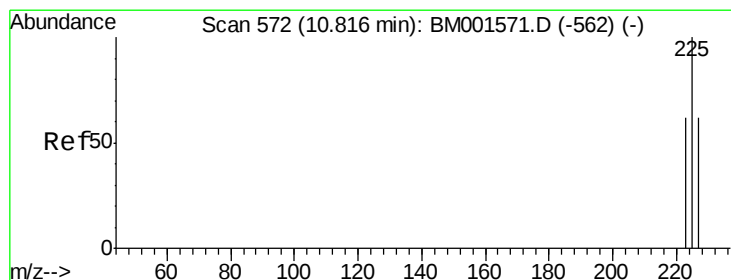
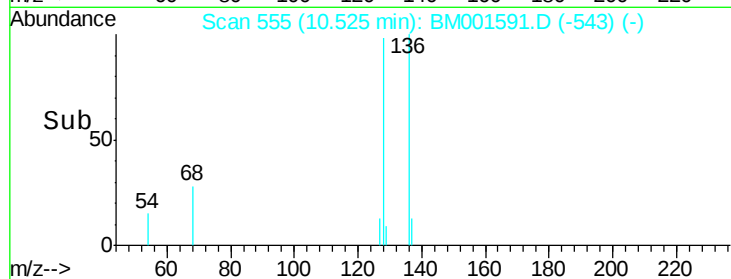
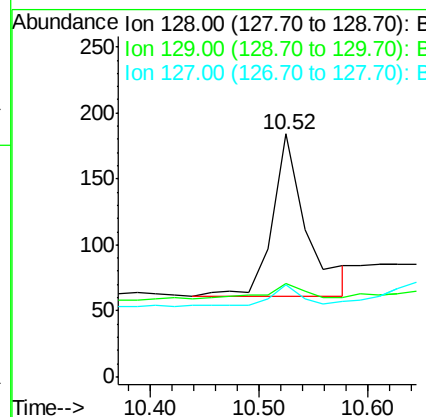
Tgt Ion:128 Resp: 270

Ion Ratio Lower Upper

128 100

129 38.6 8.7 13.1#

127 38.0 10.7 16.1#



#10

Hexachlorobutadiene

Concen: 0.00 ng

RT: 10.82 min Scan# 572

Delta R.T. -0.00 min

Lab File: BM001591.D

Acq: 06 Jun 2015 12:52

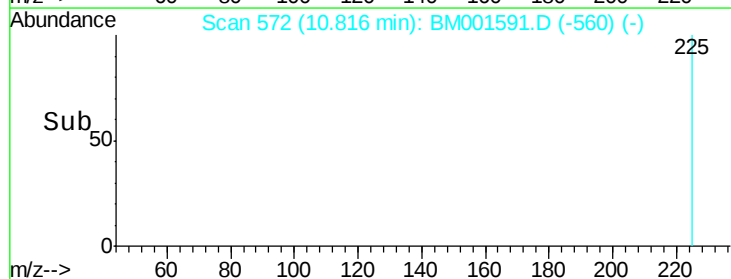
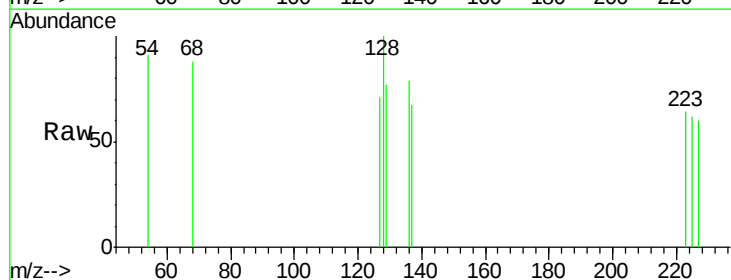
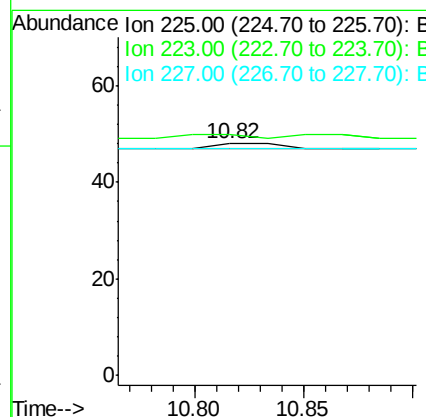
Tgt Ion:225 Resp: 2

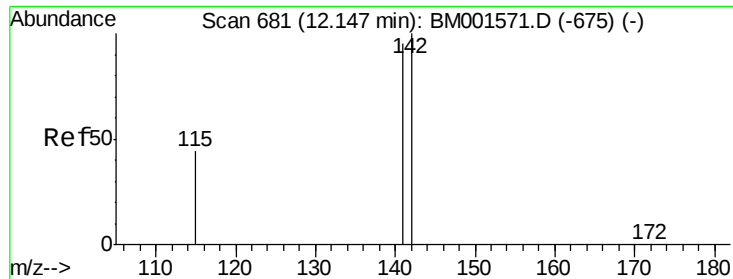
Ion Ratio Lower Upper

225 100

223 100.0 50.4 75.6#

227 0.0 50.8 76.2#

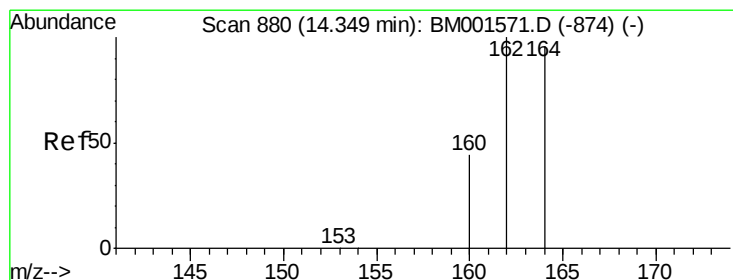
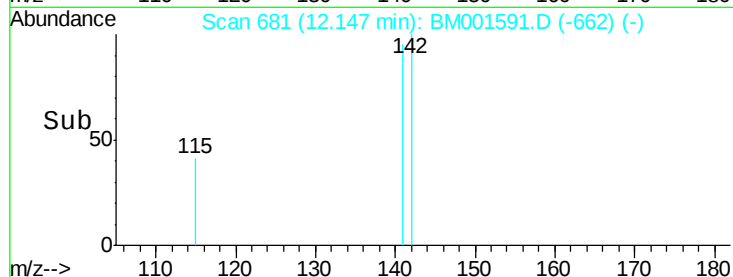
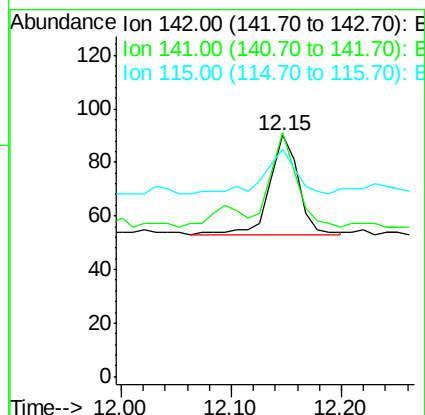
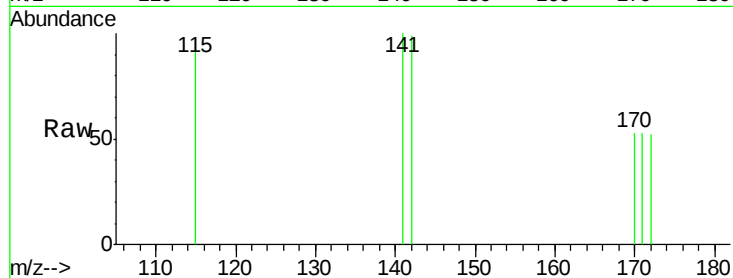




#11
2-Methylnaphthalene
Concen: 0.01 ng
RT: 12.15 min Scan# 681
Delta R.T. -0.00 min
Lab File: BM001591.D
Acq: 06 Jun 2015 12:52

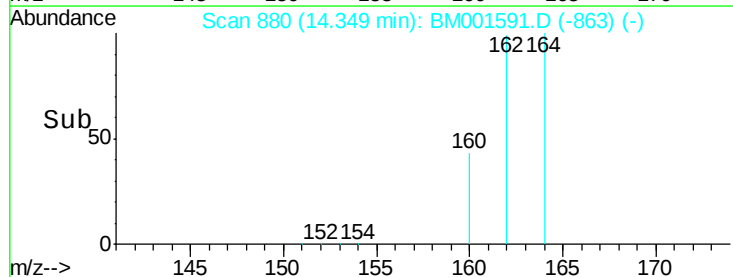
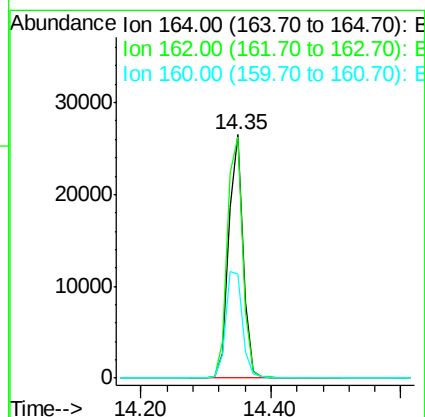
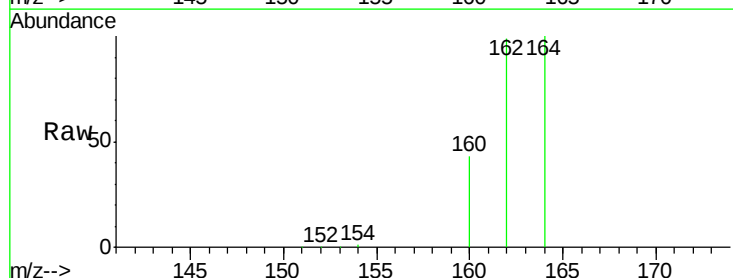
Instrument :
BNA_M
ClientSampleId :
LF016MW027-150601

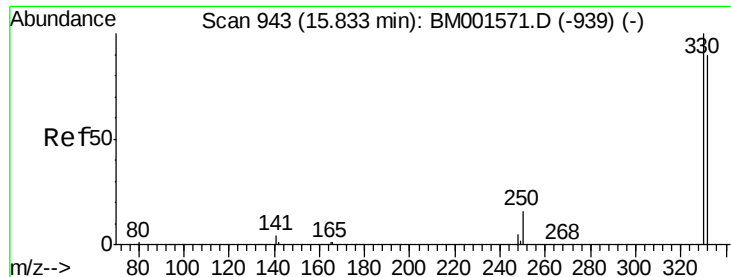
Tgt Ion:142 Resp: 68
Ion Ratio Lower Upper
142 100
141 101.1 75.6 113.4
115 94.4 35.5 53.3#



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.35 min Scan# 880
Delta R.T. -0.00 min
Lab File: BM001591.D
Acq: 06 Jun 2015 12:52

Tgt Ion:164 Resp: 41341
Ion Ratio Lower Upper
164 100
162 99.1 83.8 125.6
160 42.8 37.1 55.7

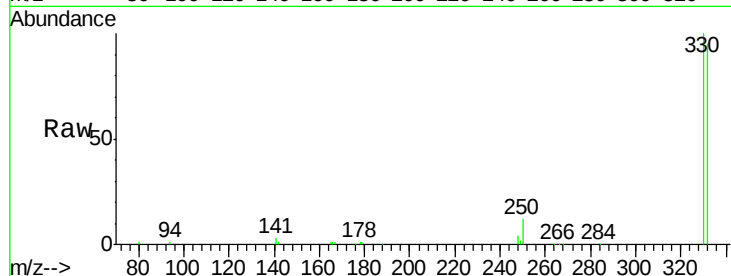




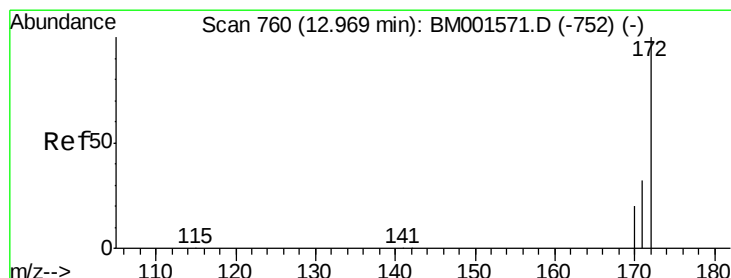
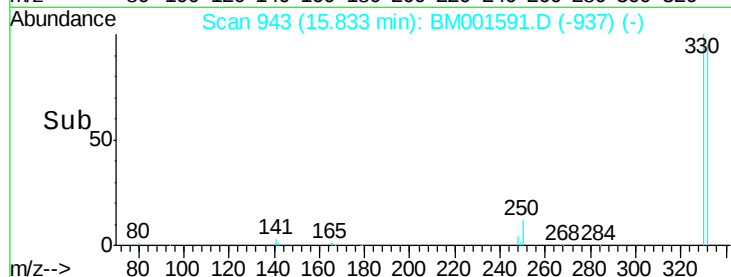
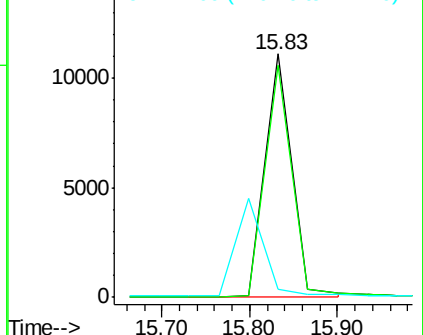
#13
 2,4,6-Tribromophenol
 Concen: 11.86 ng
 RT: 15.83 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BM001591.D
 Acq: 06 Jun 2015 12:52

Instrument :
 BNA_M
 ClientSampleId :
 LF016MW027-150601

Tgt Ion:330 Resp: 23474
 Ion Ratio Lower Upper
 330 100
 332 95.7 72.0 108.0
 141 0.0 0.0 0.0

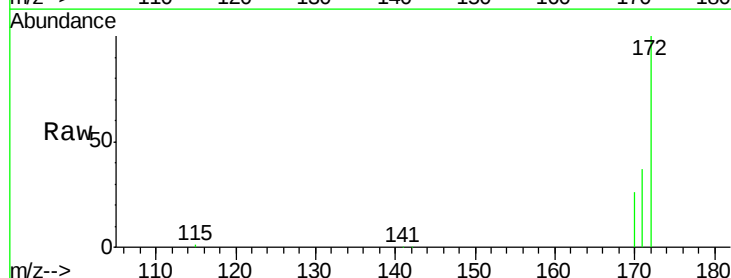


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

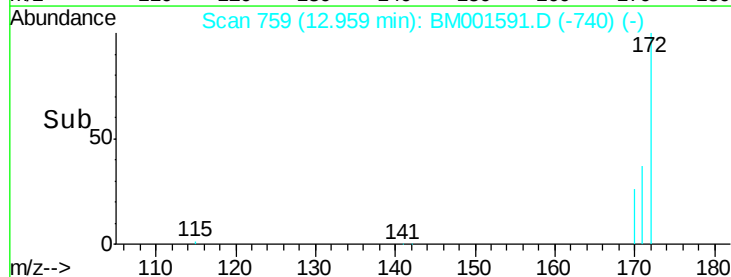
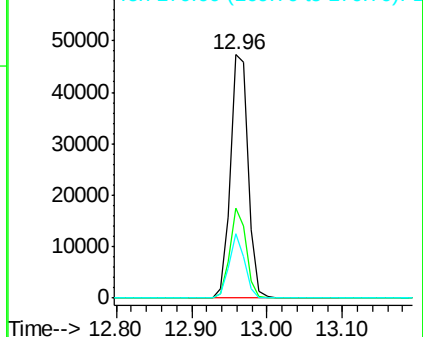


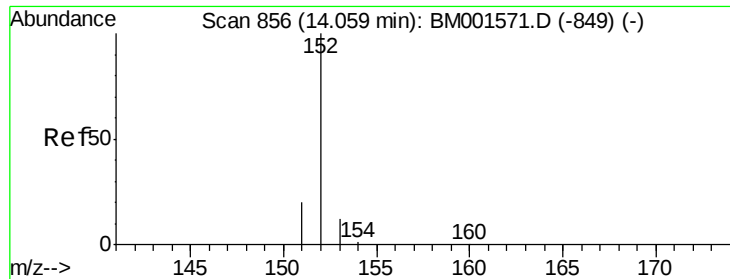
#14
 2-Fluorobiphenyl
 Concen: 6.16 ng
 RT: 12.96 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BM001591.D
 Acq: 06 Jun 2015 12:52

Tgt Ion:172 Resp: 78499
 Ion Ratio Lower Upper
 172 100
 171 37.0 26.2 39.2
 170 26.2 16.1 24.1#



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





#15

Acenaphthylene

Concen: 0.00 ng

RT: 14.06 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM001591.D

Acq: 06 Jun 2015 12:52

Instrument :

BNA_M

ClientSampleId :

LF016MW027-150601

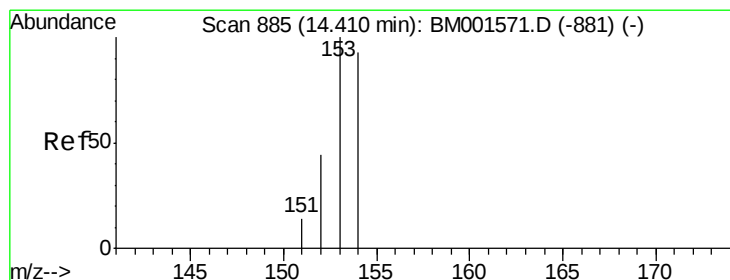
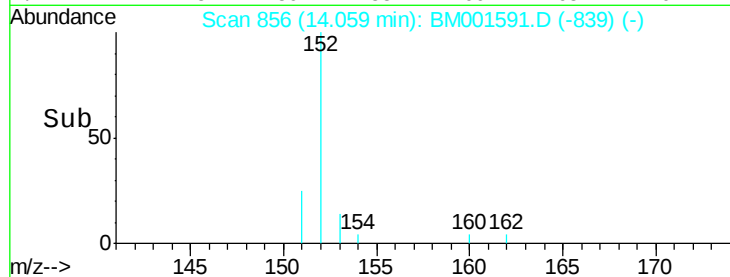
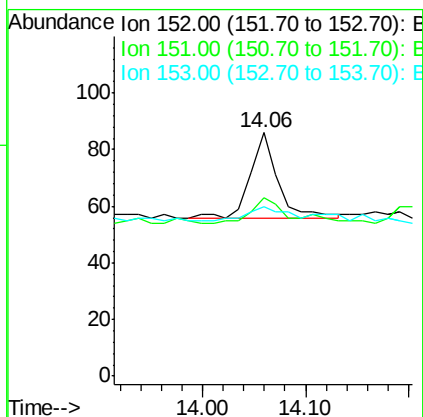
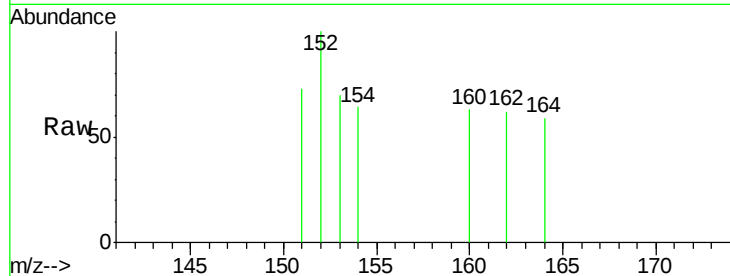
Tgt Ion:152 Resp: 55

Ion Ratio Lower Upper

152 100

151 34.5 15.2 22.8#

153 21.8 10.3 15.5#



#16

Acenaphthene

Concen: 0.00 ng

RT: 14.41 min Scan# 885

Delta R.T. -0.00 min

Lab File: BM001591.D

Acq: 06 Jun 2015 12:52

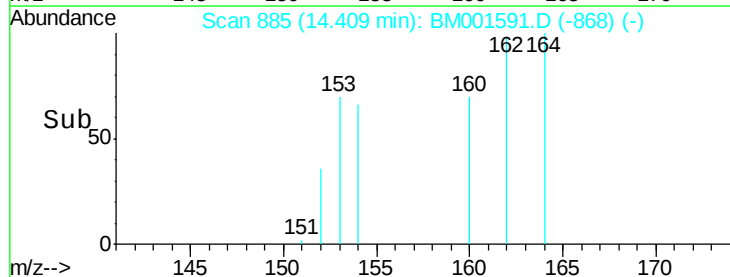
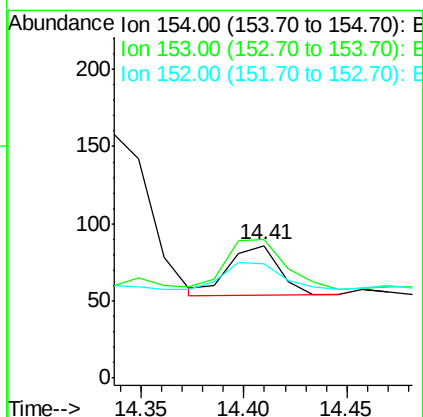
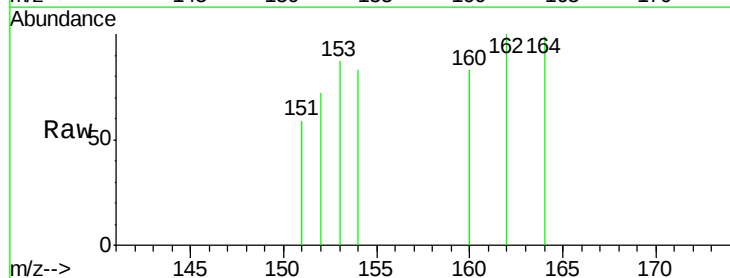
Tgt Ion:154 Resp: 55

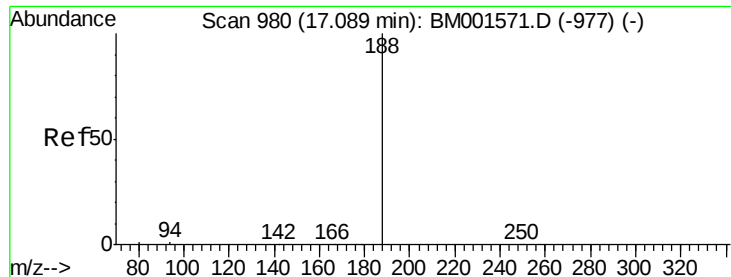
Ion Ratio Lower Upper

154 100

153 130.9 89.1 133.7

152 67.3 43.2 64.8#

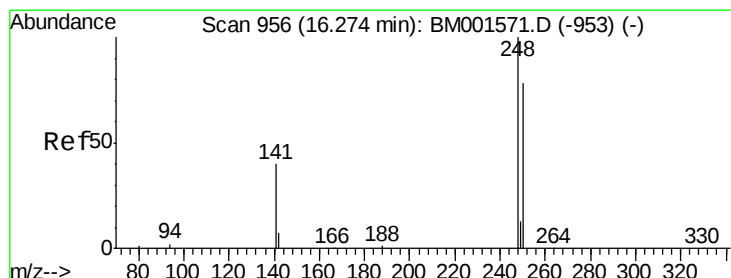
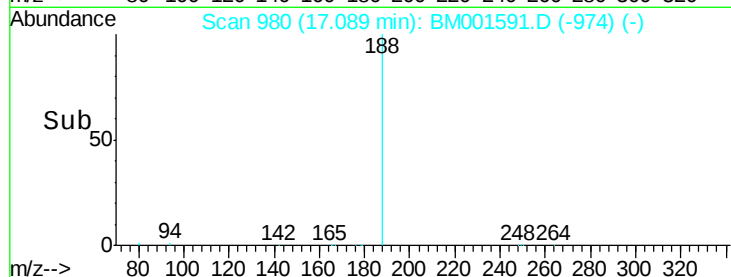
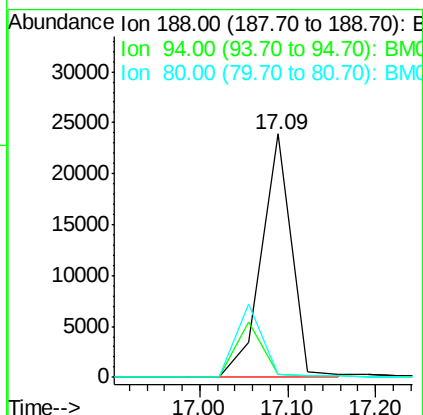
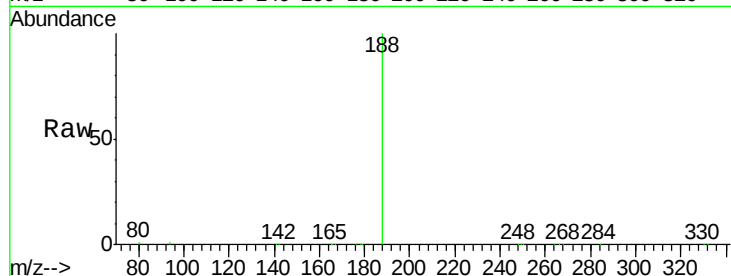




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. -0.00 min
Lab File: BM001591.D
Acq: 06 Jun 2015 12:52

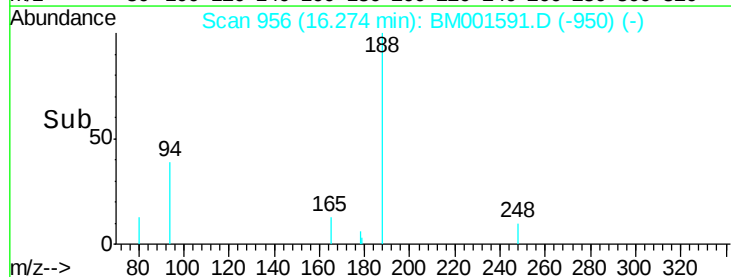
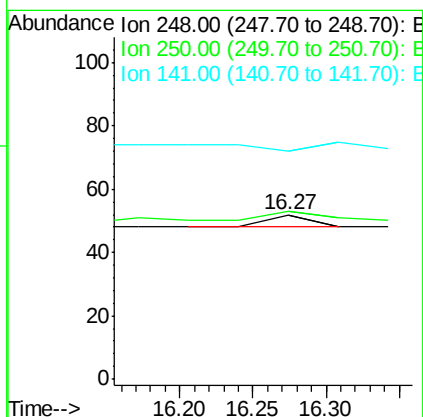
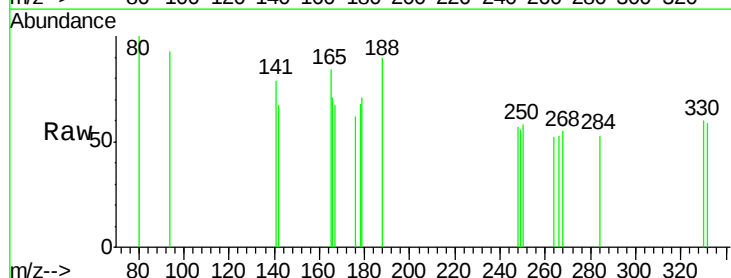
Instrument :
BNA_M
ClientSampleId :
LF016MW027-150601

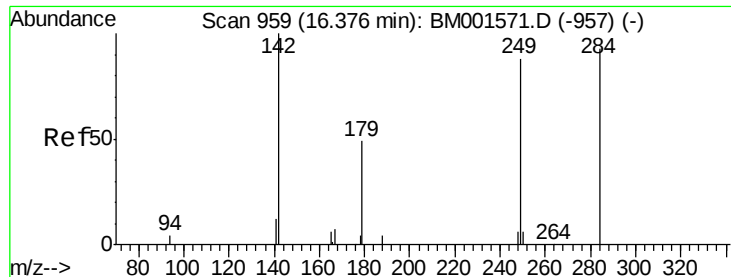
Tgt Ion:188 Resp: 56870
Ion Ratio Lower Upper
188 100
94 1.2 0.7 1.1#
80 1.2 0.6 1.0#



#19
4-Bromophenyl-phenylether
Concen: 0.08 ng
RT: 16.27 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM001591.D
Acq: 06 Jun 2015 12:52

Tgt Ion:248 Resp: 8
Ion Ratio Lower Upper
248 100
250 100.0 63.1 94.7#
141 0.0 35.0 52.6#

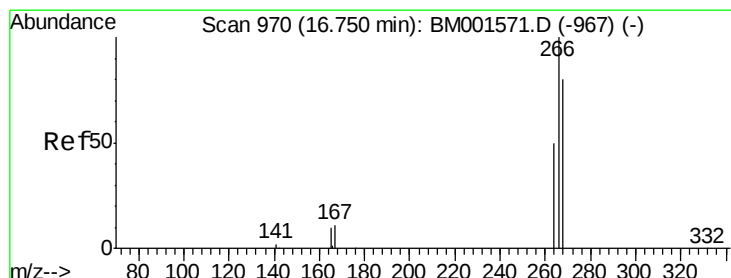
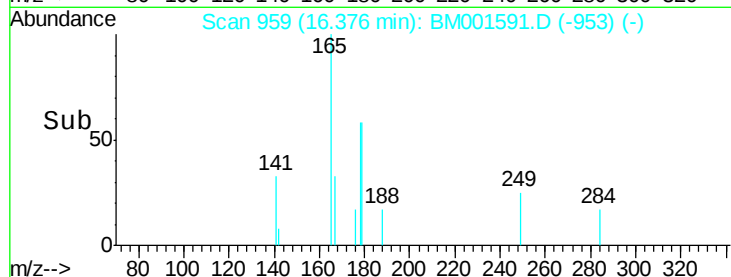
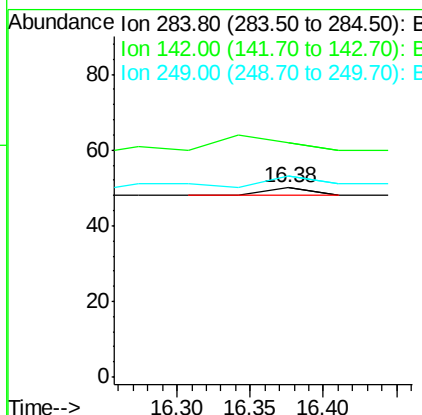
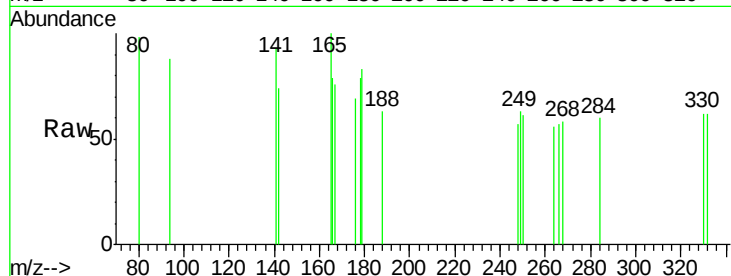




#20
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001591.D
Acq: 06 Jun 2015 12:52

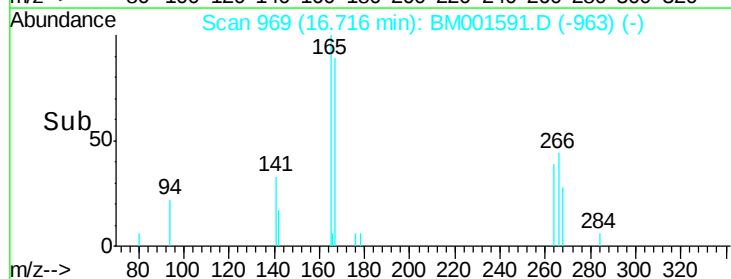
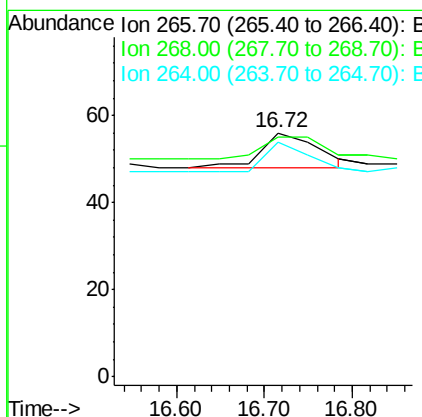
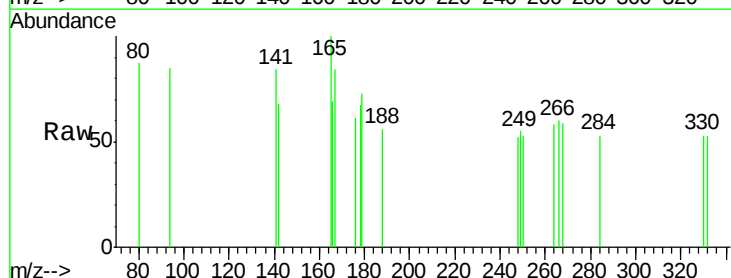
Instrument :
BNA_M
ClientSampleId :
LF016MW027-150601

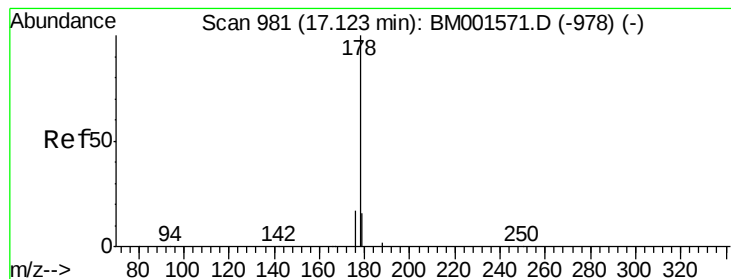
Tgt Ion: 284 Resp: 4
Ion Ratio Lower Upper
284 100
142 0.0 64.2 96.2#
249 50.0 55.4 83.0#



#21
Pentachlorophenol
Concen: 0.04 ng
RT: 16.72 min Scan# 969
Delta R.T. -0.00 min
Lab File: BM001591.D
Acq: 06 Jun 2015 12:52

Tgt Ion: 266 Resp: 37
Ion Ratio Lower Upper
266 100
268 98.2 66.3 99.5
264 96.4 45.5 68.3#





#22

Phenanthrene

Concen: 0.02 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM001591.D

Acq: 06 Jun 2015 12:52

Instrument :

BNA_M

ClientSampleId :

LF016MW027-150601

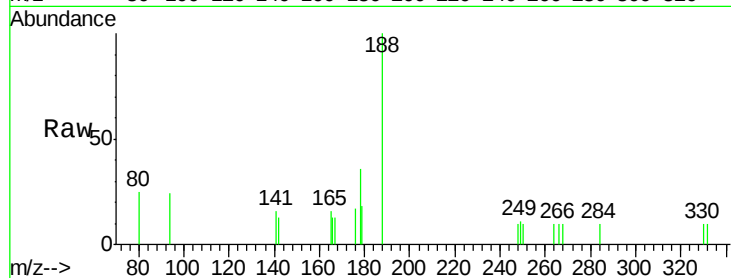
Tgt Ion:178 Resp: 308

Ion Ratio Lower Upper

178 100

176 21.8 13.5 20.3#

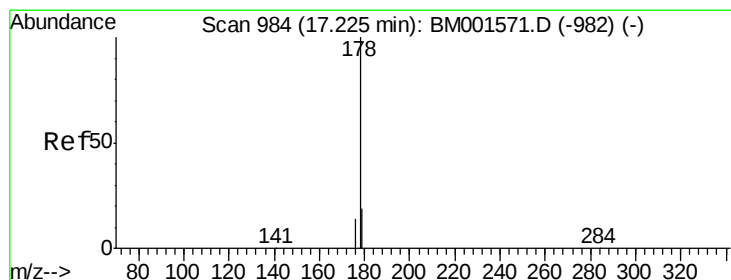
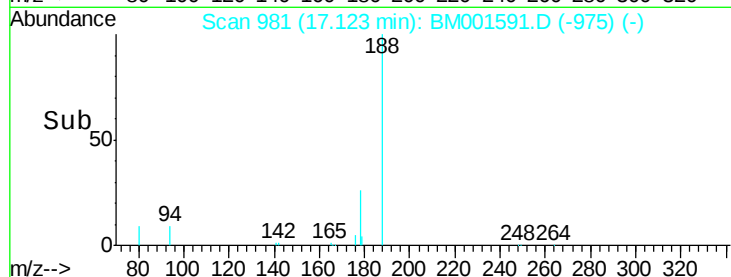
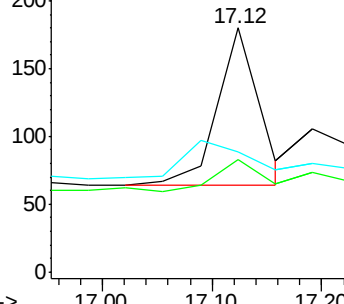
179 0.0 13.3 19.9#



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: 0.05 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.07 min

Lab File: BM001591.D

Acq: 06 Jun 2015 12:52

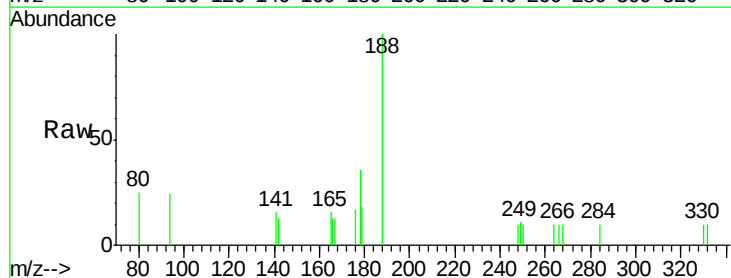
Tgt Ion:178 Resp: 430

Ion Ratio Lower Upper

178 100

176 28.8 45.9 68.9#

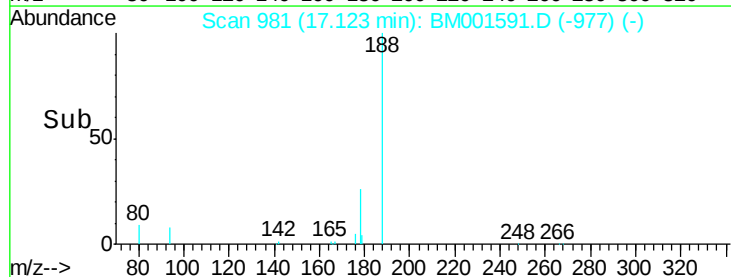
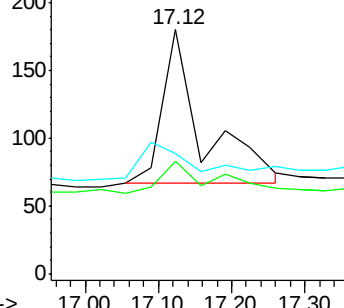
179 0.0 33.3 49.9#

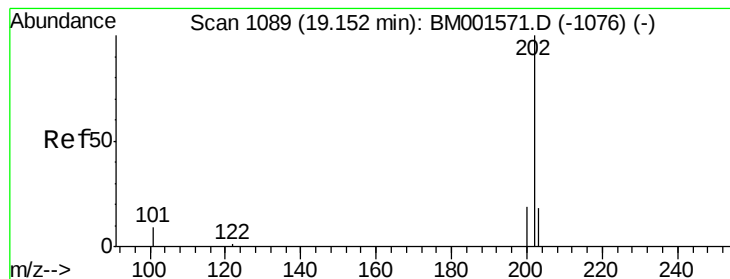


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Fluoranthene

Concen: 0.01 ng

RT: 19.15 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BM001591.D

Acq: 06 Jun 2015 12:52

Instrument :

BNA_M

ClientSampleId :

LF016MW027-150601

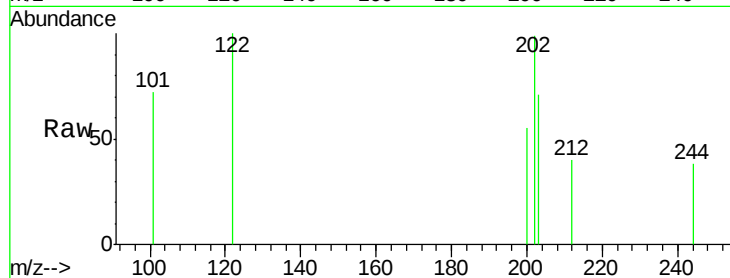
Tgt Ion:202 Resp: 153

Ion Ratio Lower Upper

202 100

101 68.0 10.0 15.0#

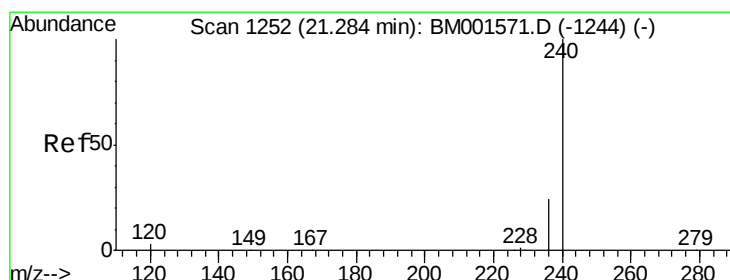
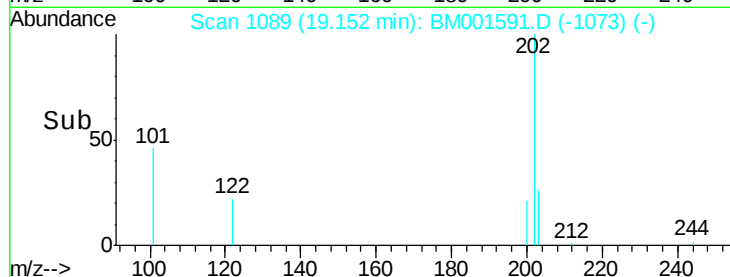
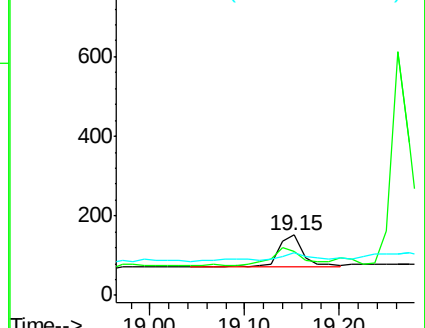
203 23.5 13.9 20.9#



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: 21.28 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM001591.D

Acq: 06 Jun 2015 12:52

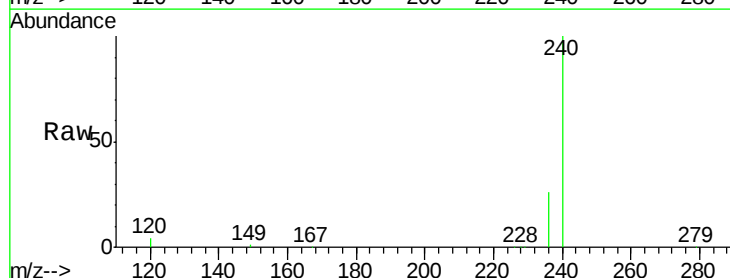
Tgt Ion:240 Resp: 67392

Ion Ratio Lower Upper

240 100

120 4.0 2.2 3.2#

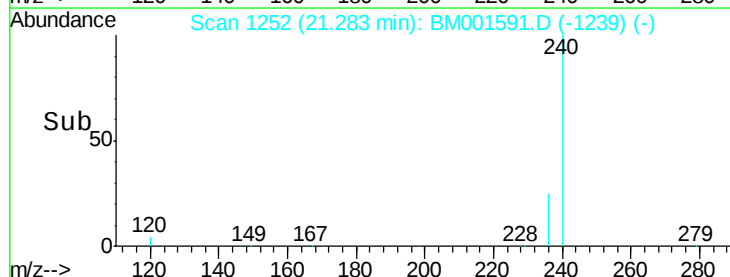
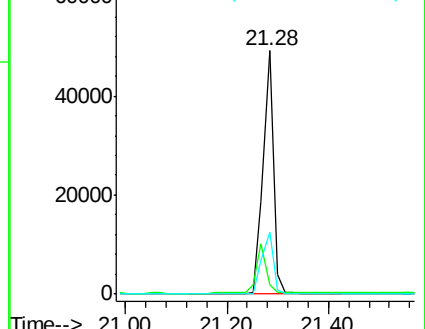
236 25.6 19.5 29.3

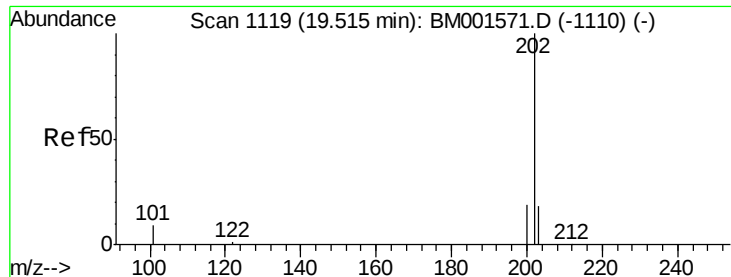


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

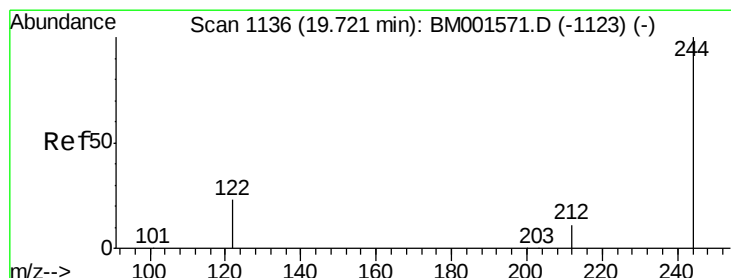
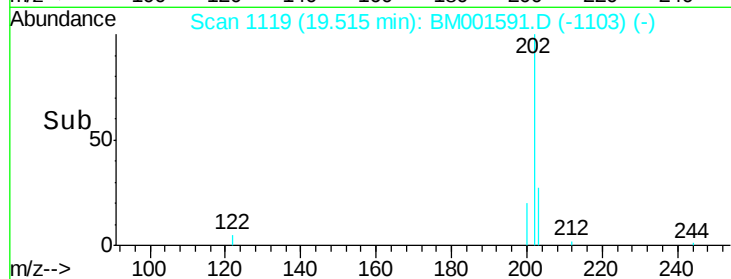
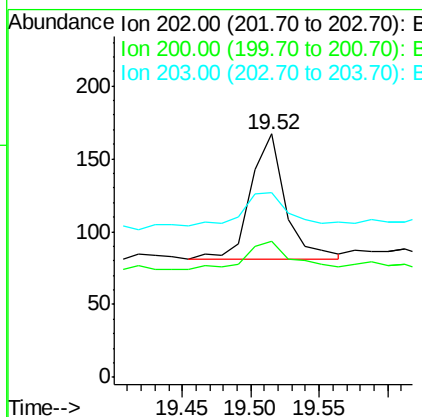
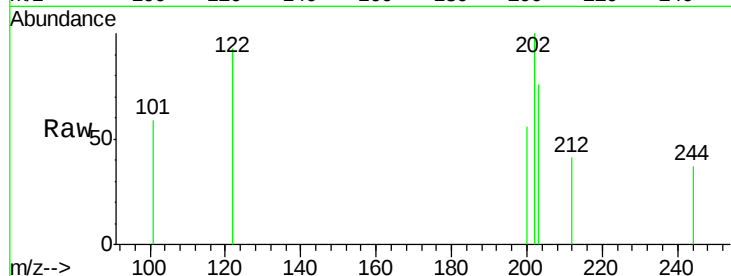




#26
 Pyrene
 Concen: 0.01 ng
 RT: 19.52 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BM001591.D
 Acq: 06 Jun 2015 12:52

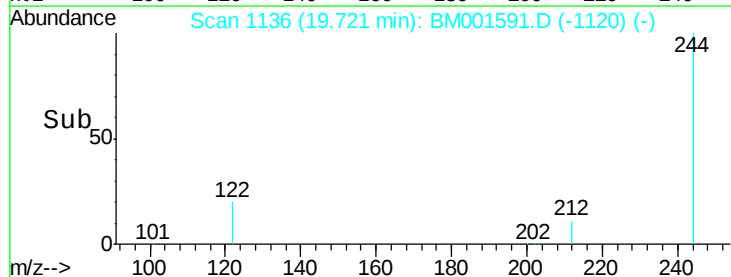
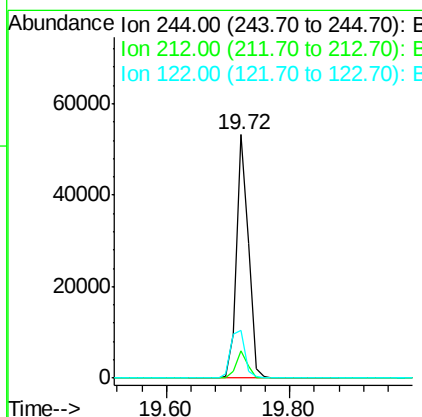
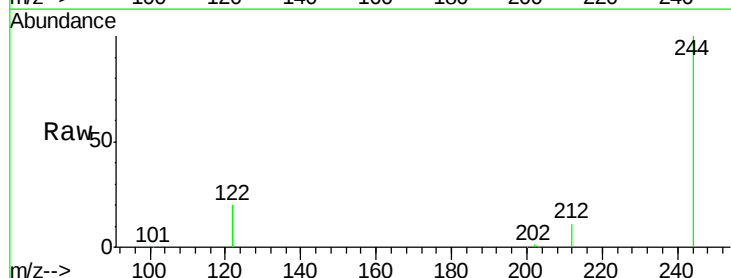
Instrument :
 BNA_M
 ClientSampleId :
 LF016MW027-150601

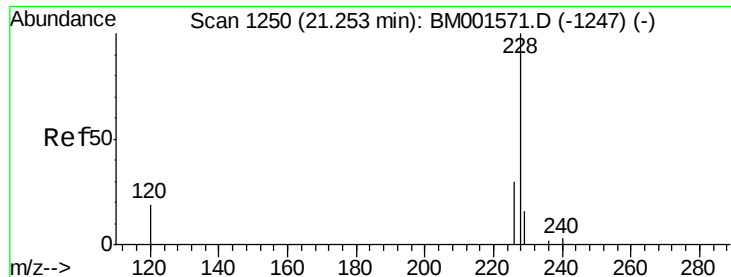
Tgt Ion: 202 Resp: 154
 Ion Ratio Lower Upper
 202 100
 200 29.9 16.6 24.8#
 203 50.0 13.9 20.9#



#27
 Terphenyl-d14
 Concen: 7.94 ng
 RT: 19.72 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: BM001591.D
 Acq: 06 Jun 2015 12:52

Tgt Ion: 244 Resp: 69081
 Ion Ratio Lower Upper
 244 100
 212 11.1 9.6 14.4
 122 19.8 19.0 28.4





#28

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.27 min Scan# 1251

Delta R.T. 0.02 min

Lab File: BM001591.D

Acq: 06 Jun 2015 12:52

Instrument :

BNA_M

ClientSampleId :

LF016MW027-150601

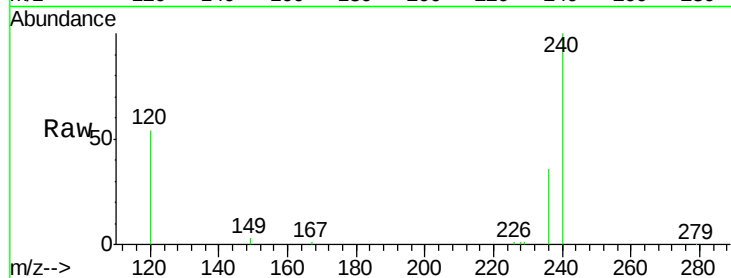
Tgt Ion:228 Resp: 568

Ion Ratio Lower Upper

228 100

226 42.3 24.8 37.2#

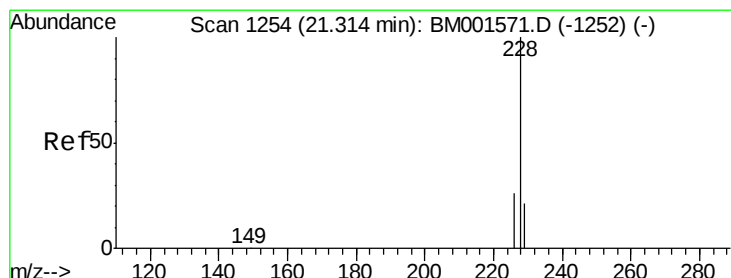
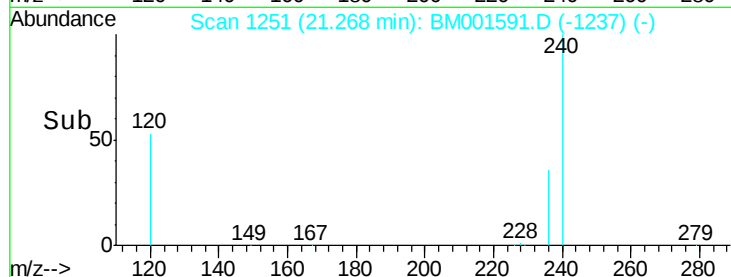
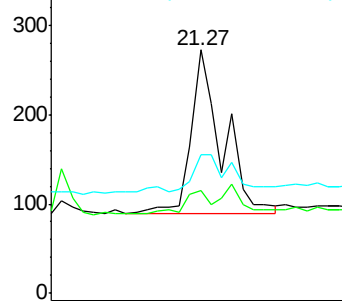
229 57.0 13.4 20.0#



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



#29

Chrysene

Concen: 0.03 ng

RT: 21.27 min Scan# 1251

Delta R.T. -0.05 min

Lab File: BM001591.D

Acq: 06 Jun 2015 12:52

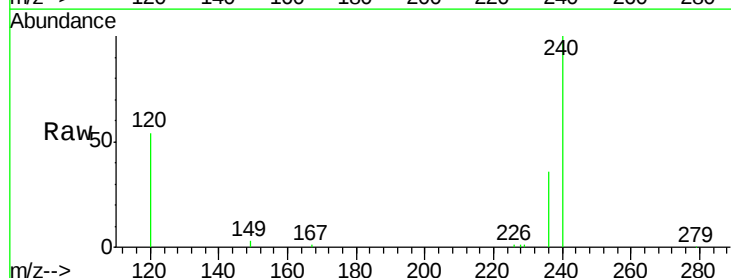
Tgt Ion:228 Resp: 590

Ion Ratio Lower Upper

228 100

226 42.3 21.0 31.6#

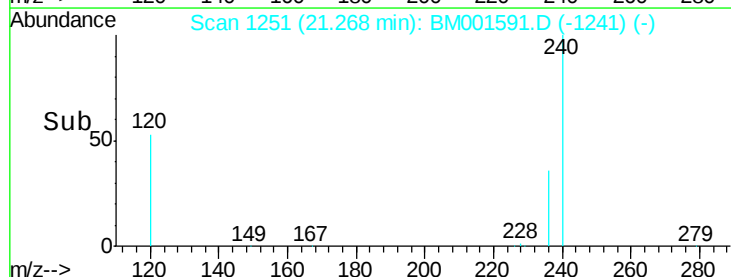
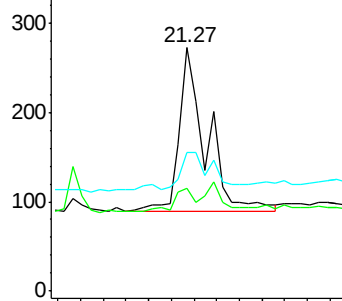
229 57.0 17.2 25.8#

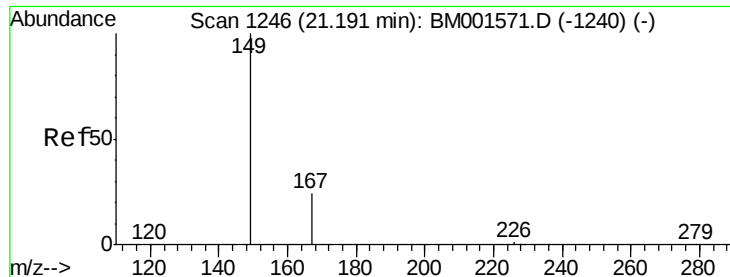


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 10.05 ng

RT: 21.19 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BM001591.D

Acq: 06 Jun 2015 12:52

Instrument :

BNA_M

ClientSampleId :

LF016MW027-150601

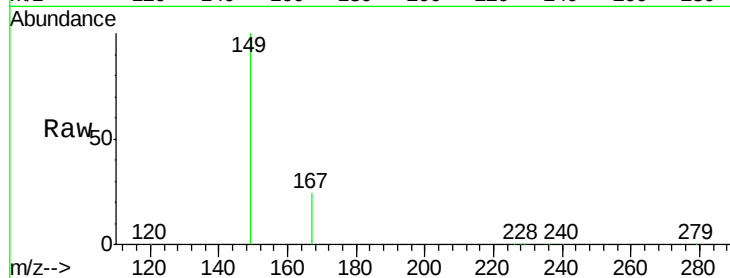
Tgt Ion:149 Resp: 128475

Ion Ratio Lower Upper

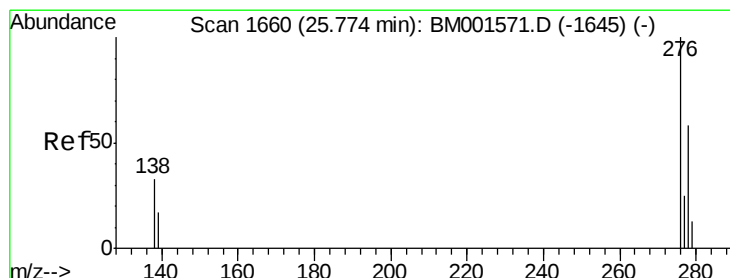
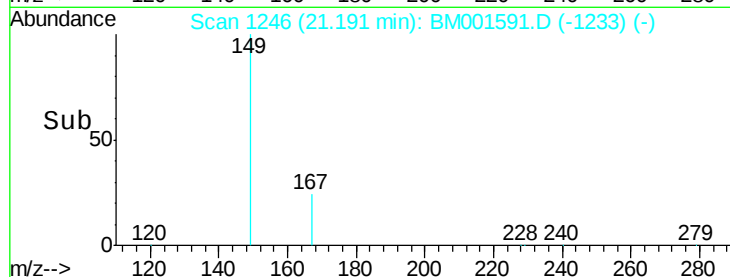
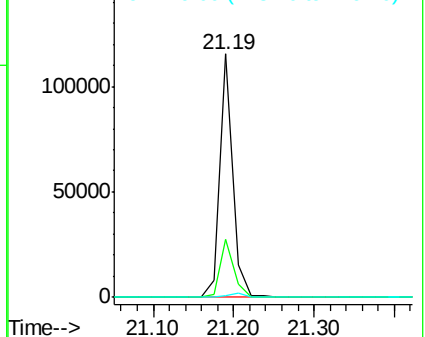
149 100

167 25.0 20.2 30.2

279 2.0 1.8 2.6



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: 0.02 ng

RT: 25.77 min Scan# 1660

Delta R.T. 0.01 min

Lab File: BM001591.D

Acq: 06 Jun 2015 12:52

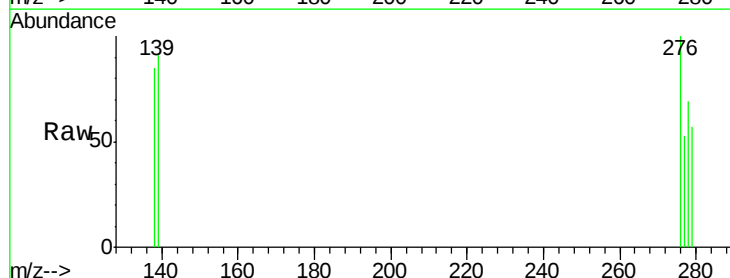
Tgt Ion:276 Resp: 415

Ion Ratio Lower Upper

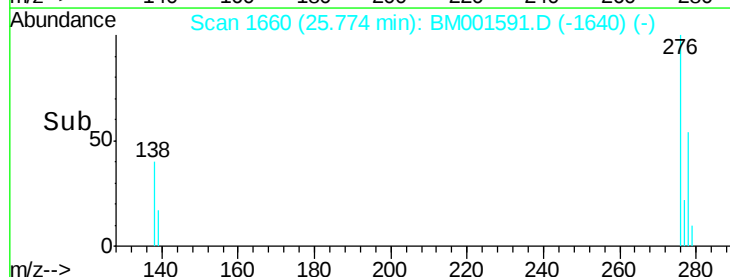
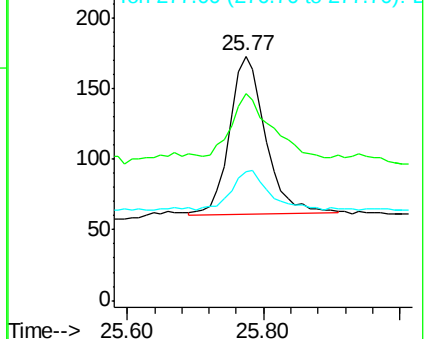
276 100

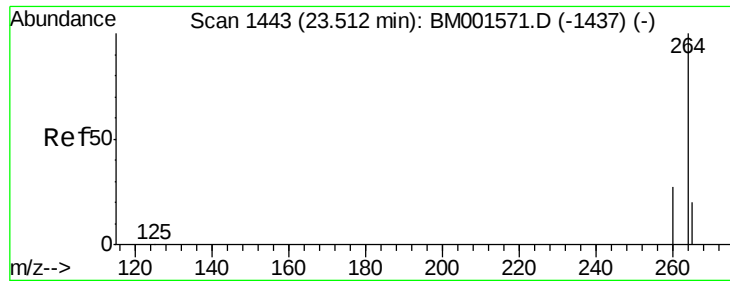
138 46.7 28.0 42.0#

277 26.3 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

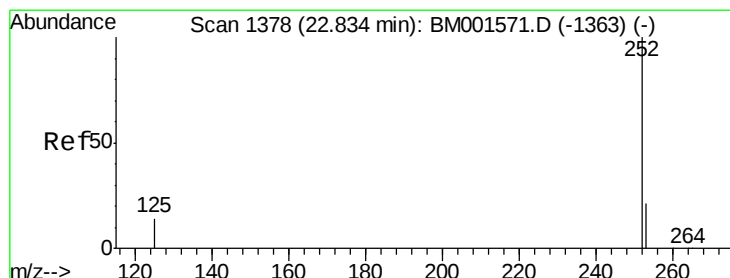
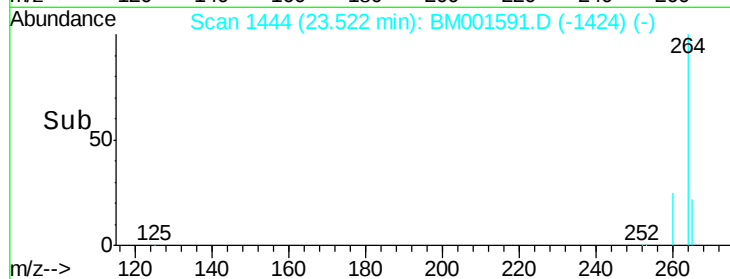
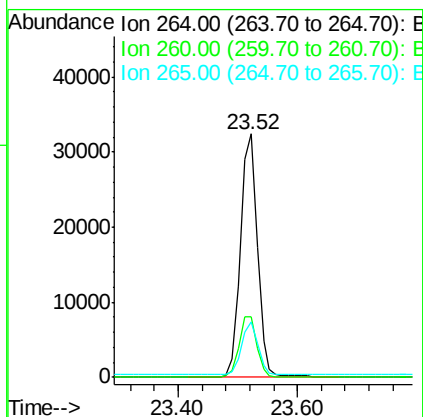
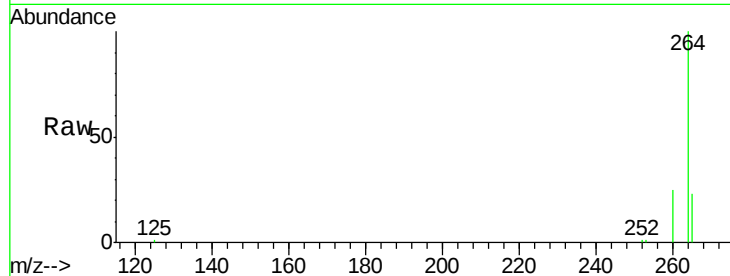




#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.52 min Scan# 1444
 Delta R.T. 0.01 min
 Lab File: BM001591.D
 Acq: 06 Jun 2015 12:52

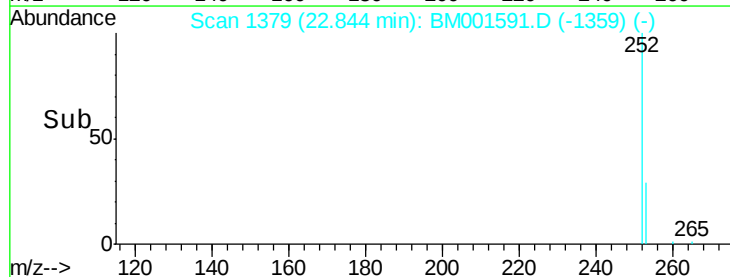
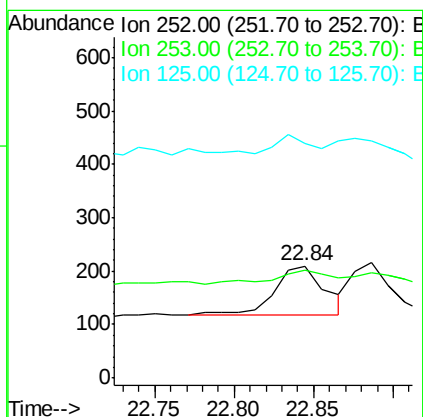
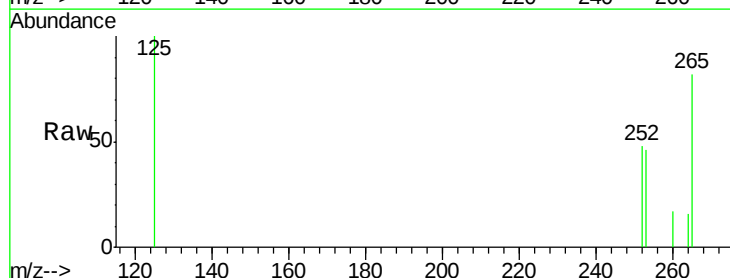
Instrument :
 BNA_M
 ClientSampleId :
 LF016MW027-150601

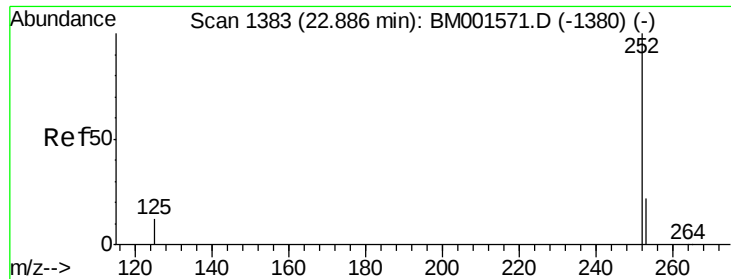
Tgt Ion: 264 Resp: 62589
 Ion Ratio Lower Upper
 264 100
 260 24.7 21.6 32.4
 265 22.6 16.5 24.7



#33
 Benzo(b)fluoranthene
 Concen: 0.01 ng
 RT: 22.84 min Scan# 1379
 Delta R.T. 0.01 min
 Lab File: BM001591.D
 Acq: 06 Jun 2015 12:52

Tgt Ion: 252 Resp: 201
 Ion Ratio Lower Upper
 252 100
 253 96.7 17.4 26.2#
 125 209.0 11.8 17.8#





#34

Benzo(k)fluoranthene

Concen: 0.01 ng

RT: 22.89 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BM001591.D

Acq: 06 Jun 2015 12:52

Instrument :

BNA_M

ClientSampleId :

LF016MW027-150601

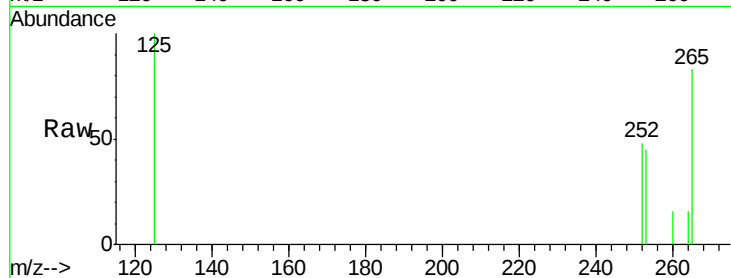
Tgt Ion:252 Resp: 170

Ion Ratio Lower Upper

252 100

253 92.1 18.8 28.2#

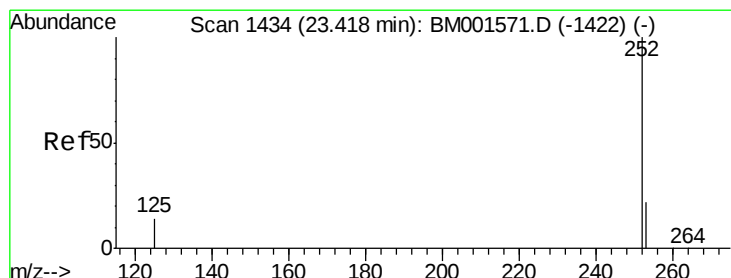
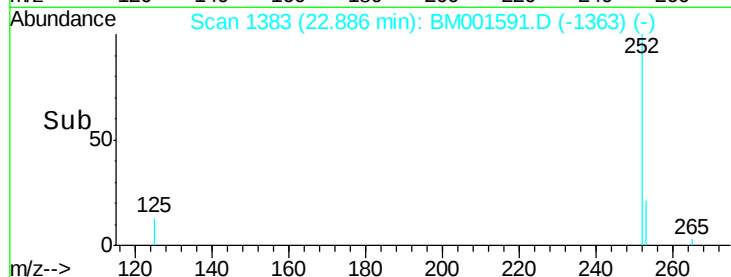
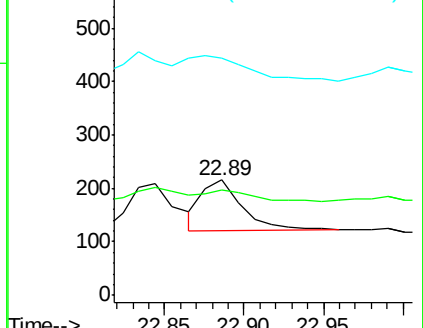
125 206.5 10.7 16.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#35

Benzo(a)pyrene

Concen: 0.01 ng

RT: 23.42 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BM001591.D

Acq: 06 Jun 2015 12:52

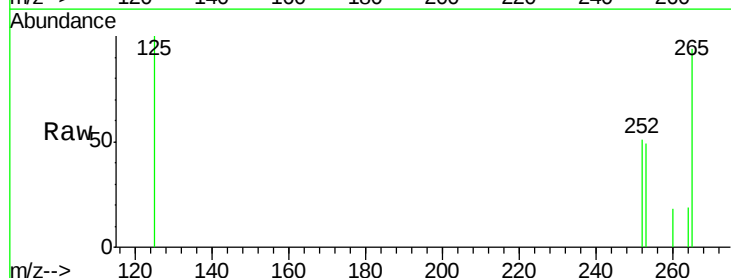
Tgt Ion:252 Resp: 212

Ion Ratio Lower Upper

252 100

253 96.5 18.8 28.2#

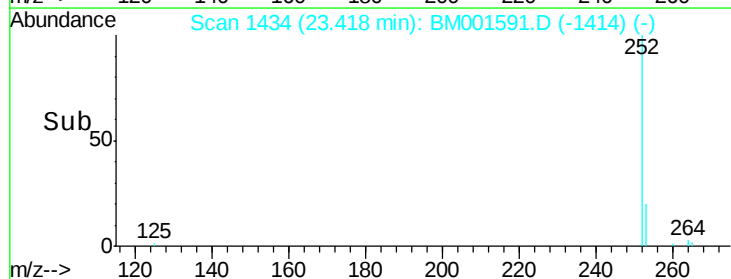
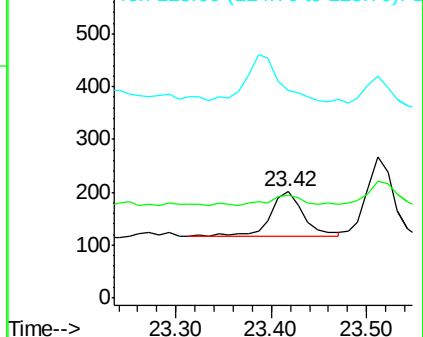
125 196.0 12.1 18.1#

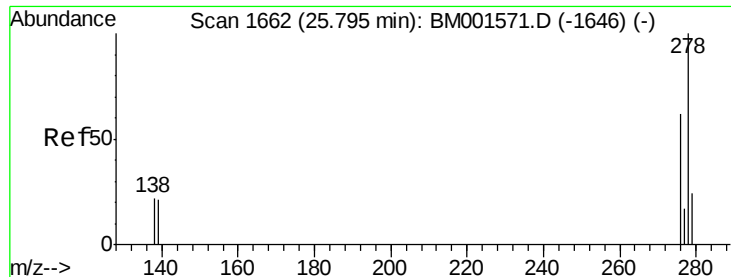


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Dibenzo(a,h)anthracene

Concen: 0.02 ng

RT: 25.79 min Scan# 1662

Delta R.T. 0.01 min

Lab File: BM001591.D

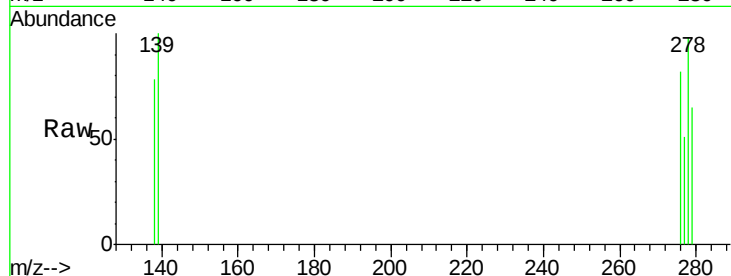
Acq: 06 Jun 2015 12:52

Instrument :

BNA_M

ClientSampleId :

LF016MW027-150601



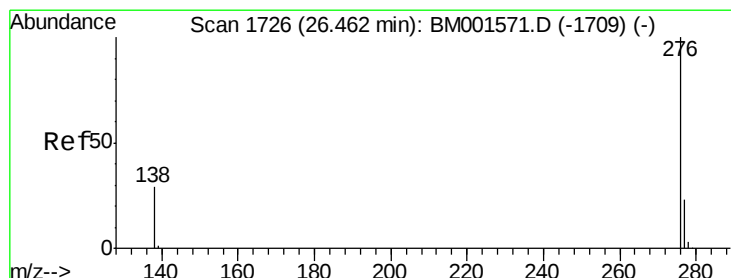
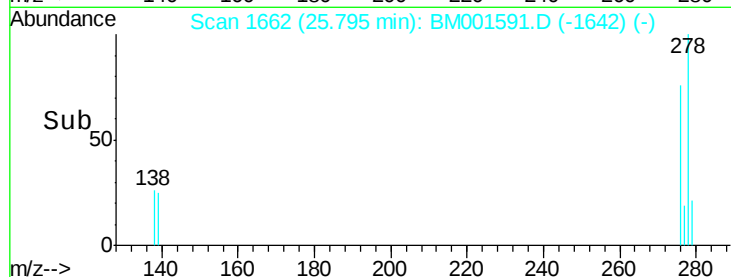
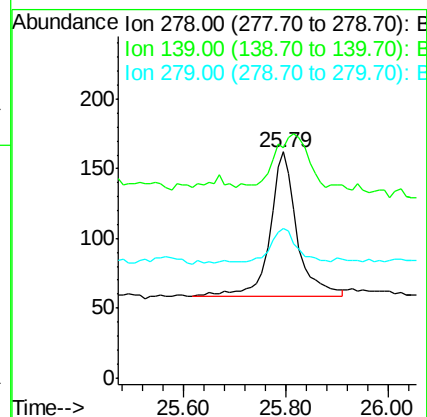
Tgt Ion: 278 Resp: 391

Ion Ratio Lower Upper

278 100

139 101.9 17.4 26.0#

279 66.0 20.0 30.0#



#37

Benzo(g,h,i)perylene

Concen: 0.02 ng

RT: 26.46 min Scan# 1726

Delta R.T. -0.00 min

Lab File: BM001591.D

Acq: 06 Jun 2015 12:52

Tgt Ion: 276 Resp: 403

Ion Ratio Lower Upper

276 100

277 54.1 19.2 28.8#

138 78.0 23.7 35.5#

