

Data Path : Z:\HPCHEM1\BNA_M\Data\BM090216\
 Data File : BM007367.D
 Acq On : 02 Sep 2016 14:03
 Operator : UM/SJ
 Sample : PB93151BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB93150BS

Quant Time: Sep 02 14:59:06 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM090116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 12:51:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	1968	5.00	ng	-0.02
7) Naphthalene-d8	10.58	136	8724	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	6202	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	17405	5.00	ng	0.00
26) Chrysene-d12	21.35	240	21212	5.00	ng	0.00
35) Perylene-d12	23.62	264	17656	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	3604	8.87	ng	0.00
5) Phenol-d6	6.97	99	4585	8.25	ng	0.00
8) Nitrobenzene-d5	8.95	82	1844	3.77	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	2393	9.97	ng	-0.02
15) 2-Fluorobiphenyl	13.05	172	7410	3.85	ng	0.00
29) Terphenyl-d14	19.79	244	11305	3.97	ng	0.00

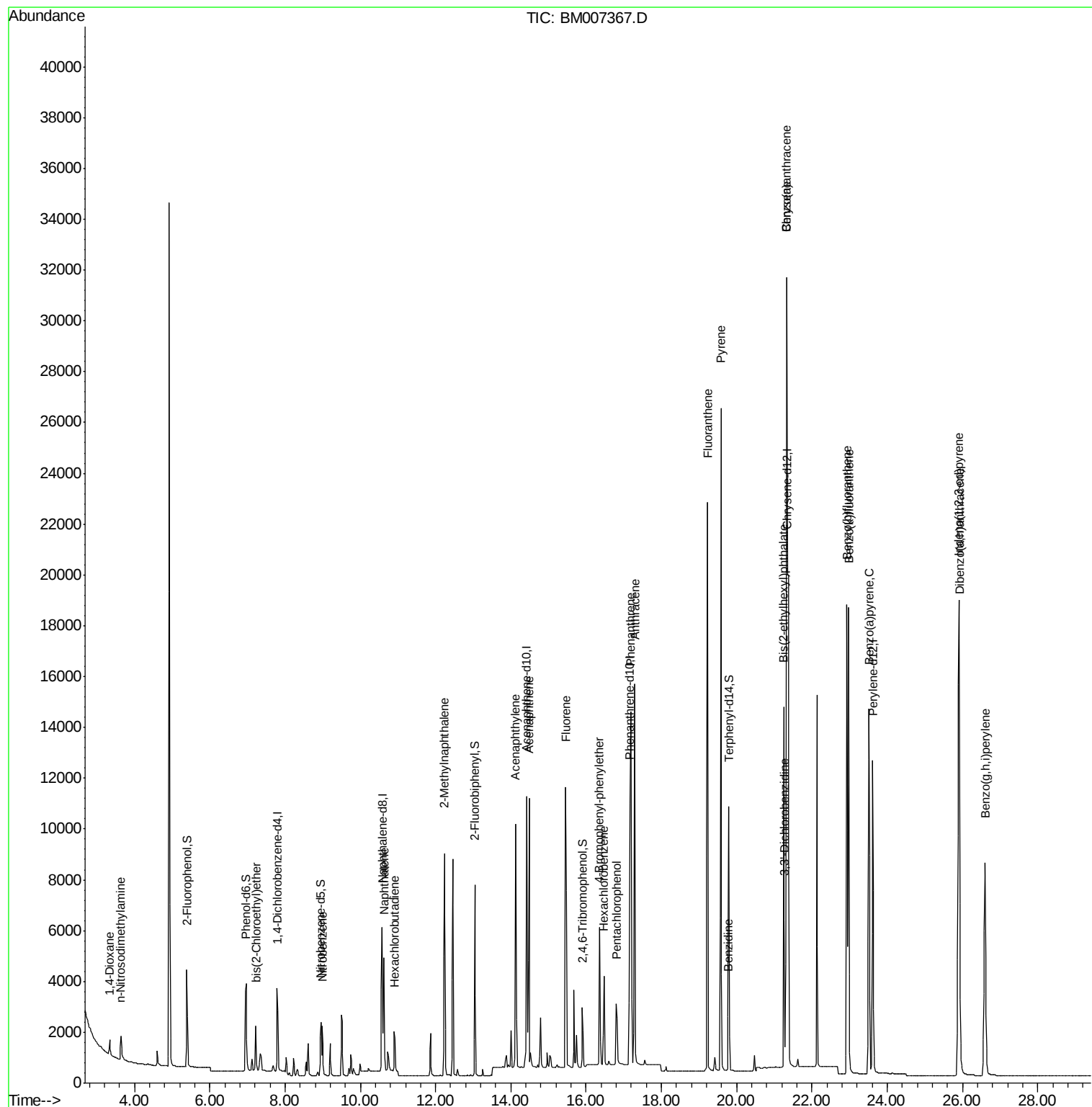
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	494	3.55	ng	# 1
3) n-Nitrosodimethylamine	3.63	42	926	4.19	ng	# 86
6) bis(2-Chloroethyl)ether	7.23	93	1736	4.06	ng	97
9) Nitrobenzene	8.99	77	2093	4.45	ng	97
10) Naphthalene	10.63	128	8165	4.09	ng	# 85
11) Hexachlorobutadiene	10.91	225	1710	4.68	ng	# 1
12) 2-Methylnaphthalene	12.24	142	6394	4.48	ng	96
16) Acenaphthylene	14.13	152	11940	4.45	ng	100
17) Acenaphthene	14.48	154	8185	4.41	ng	91
18) Fluorene	15.46	166	9627	4.42	ng	# 95
20) 4-Bromophenyl-phenylether	16.35	248	3010	4.28	ng	# 91
21) Hexachlorobenzene	16.47	284	3651	4.10	ng	# 96
22) Pentachlorophenol	16.81	266	2849	10.39	ng	# 80
23) Phenanthrene	17.19	178	18663	4.20	ng	99
24) Anthracene	17.29	178	19150	4.29	ng	98
25) Fluoranthene	19.23	202	23274	4.45	ng	100
27) Benzidine	19.77	184	284	0.21	ng	94
28) Pyrene	19.59	202	25175	4.16	ng	99
30) Benzo(a)anthracene	21.33	228	48904	7.97	ng	96
31) 3,3'-Dichlorobenzidine	21.27	252	4113	2.42	ng	# 91
32) Chrysene	21.33	228	48976	8.20	ng	# 87
33) Bis(2-ethylhexyl)phthalate	21.25	149	14964	4.68	ng	# 96
34) Indeno(1,2,3-cd)pyrene	25.90	276	21938	4.18	ng	100
36) Benzo(b)fluoranthene	22.93	252	25226	4.58	ng	# 91
37) Benzo(k)fluoranthene	22.97	252	22802	4.49	ng	# 91
38) Benzo(a)pyrene	23.52	252	21792	4.46	ng	# 91
39) Dibenzo(a,h)anthracene	25.91	278	17879	4.51	ng	# 86
40) Benzo(g,h,i)perylene	26.60	276	18168	4.42	ng	# 88

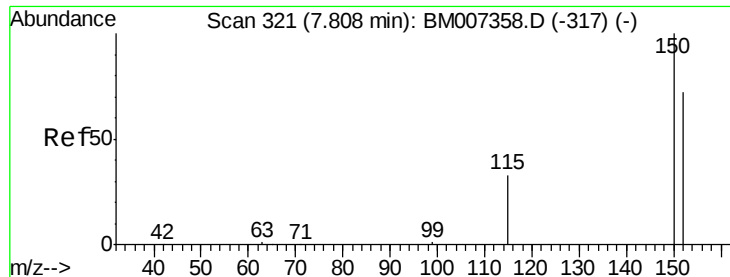
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.79 min Scan# 320

Delta R.T. -0.02 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

Instrument :

BNA_M

ClientSampleId :

PB93150BS

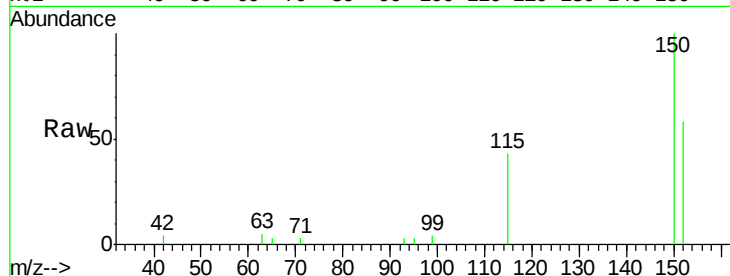
Tgt Ion: 152 Resp: 1968

Ion Ratio Lower Upper

152 100

150 171.7 109.8 164.8#

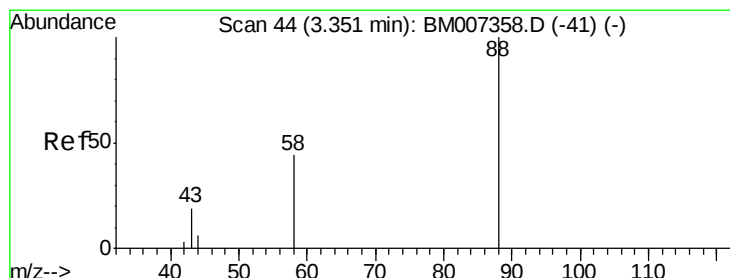
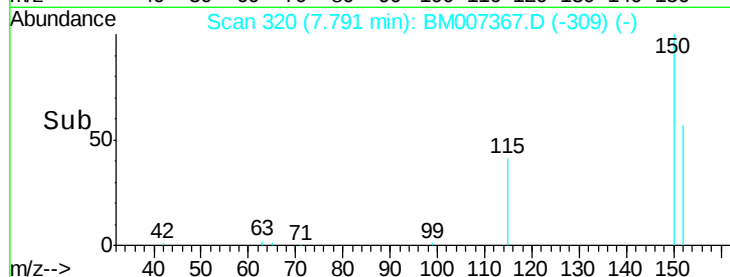
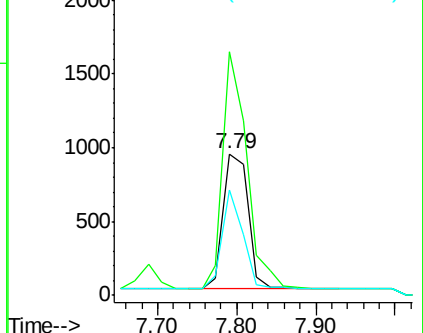
115 74.0 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 3.55 ng

RT: 3.34 min Scan# 43

Delta R.T. -0.01 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

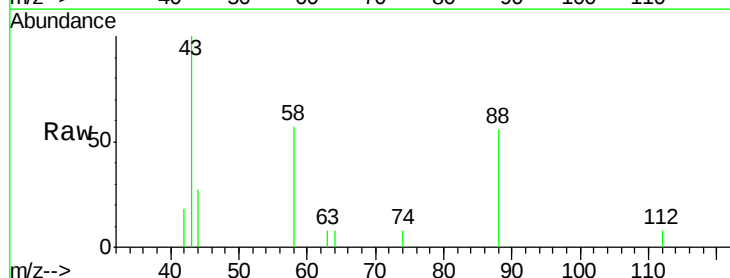
Tgt Ion: 88 Resp: 494

Ion Ratio Lower Upper

88 100

58 92.9 41.0 61.4#

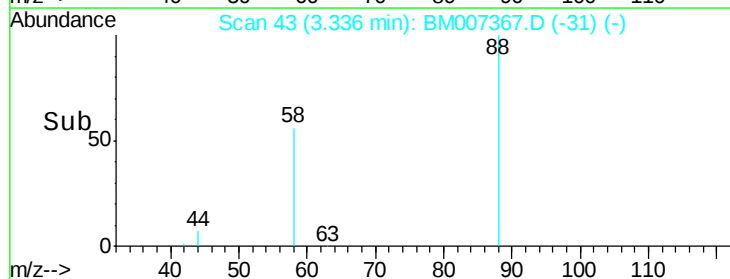
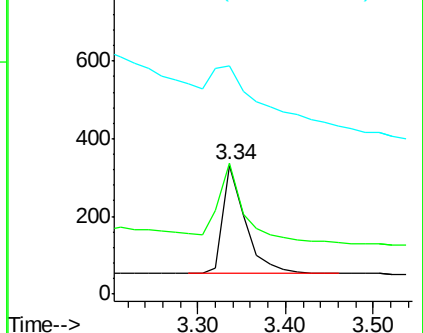
43 127.5 24.2 36.2#

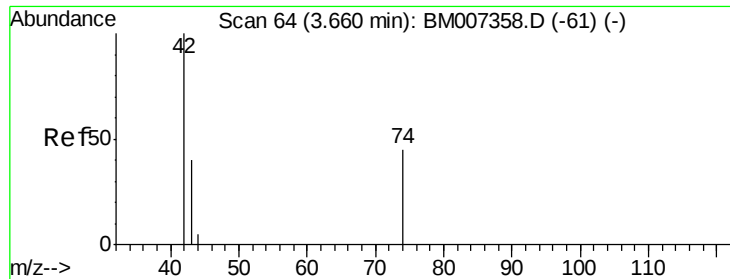


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 4.19 ng

RT: 3.63 min Scan# 62

Delta R.T. -0.03 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

Instrument :

BNA_M

ClientSampleId :

PB93150BS

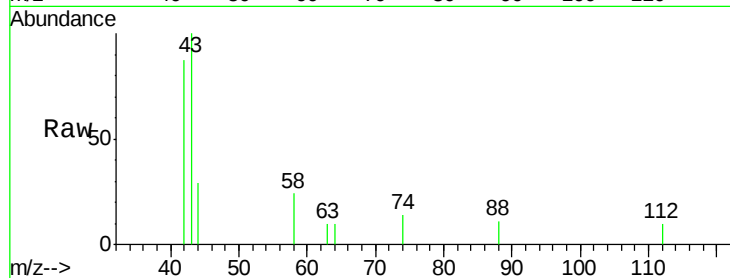
Tgt Ion: 42 Resp: 926

Ion Ratio Lower Upper

42 100

74 90.9 78.9 118.3

44 5.5 19.1 28.7#



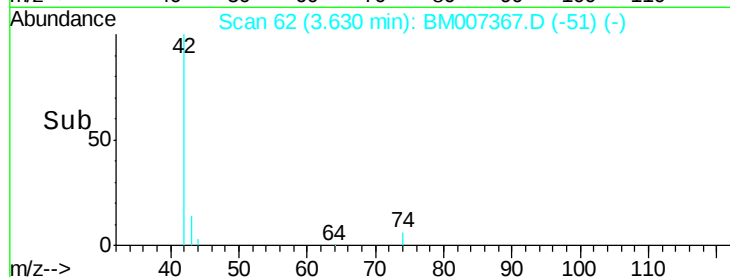
Abundance Ion 42.00 (41.70 to 42.70): BM007358.D (-61) (-)

Ion 74.00 (73.70 to 74.70): BM007358.D (-61) (-)

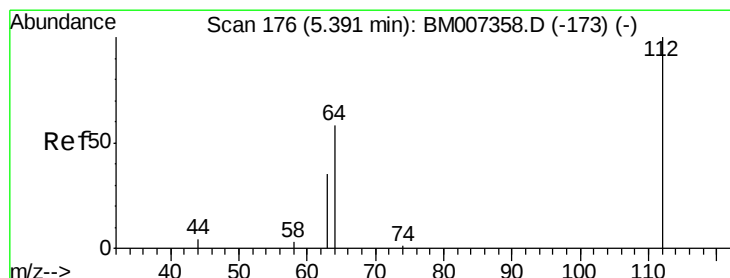
Ion 44.00 (43.70 to 44.70): BM007358.D (-61) (-)

3.63

Time-->



Time-->



#4

2-Fluorophenol

Concen: 8.87 ng

RT: 5.39 min Scan# 176

Delta R.T. 0.00 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

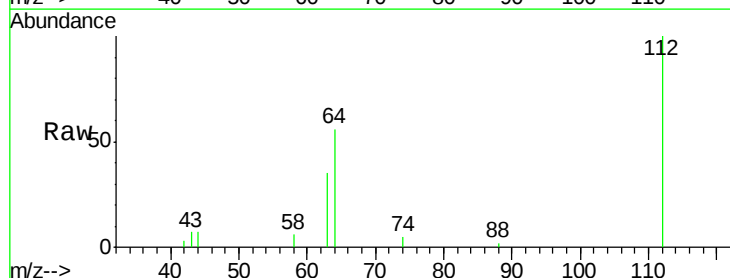
Tgt Ion: 112 Resp: 3604

Ion Ratio Lower Upper

112 100

64 48.8 36.9 55.3

63 30.1 22.6 34.0



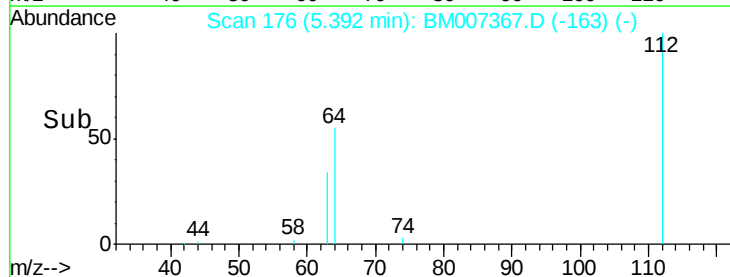
Abundance Ion 112.00 (111.70 to 112.70): BM007358.D (-173) (-)

Ion 64.00 (63.70 to 64.70): BM007358.D (-173) (-)

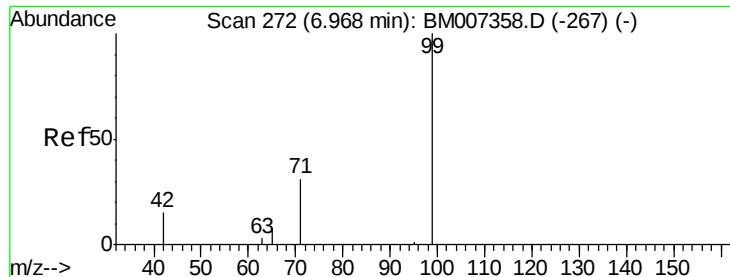
Ion 63.00 (62.70 to 63.70): BM007358.D (-173) (-)

5.39

Time-->



Time-->



#5

Phenol-d6

Concen: 8.25 ng

RT: 6.97 min Scan# 272

Delta R.T. 0.00 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

Instrument :

BNA_M

ClientSampleId :

PB93150BS

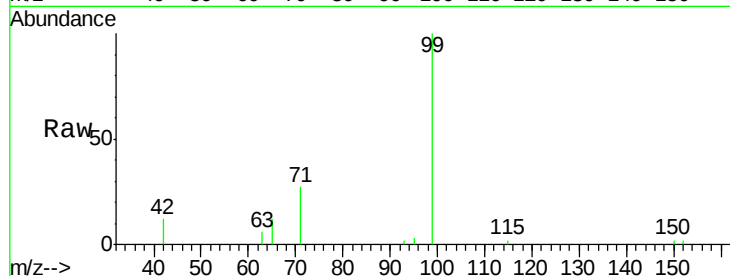
Tgt Ion: 99 Resp: 4585

Ion Ratio Lower Upper

99 100

42 23.3 19.8 29.8

71 37.2 28.1 42.1

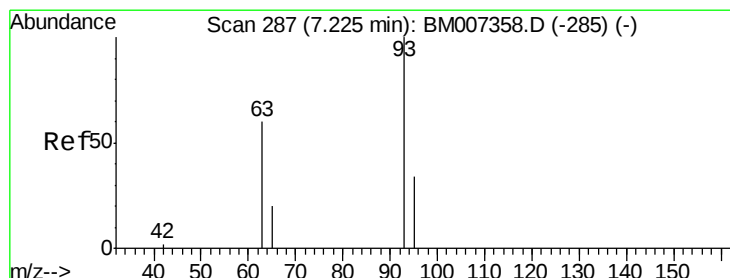
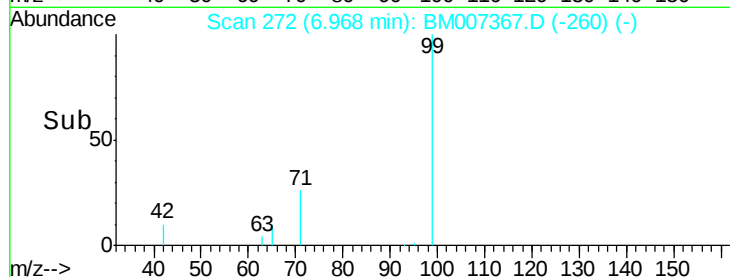


Abundance Ion 99.00 (98.70 to 99.70): BM007358.D (-267) (-)

Ion 42.00 (41.70 to 42.70): BM007358.D (-267) (-)

Ion 71.00 (70.70 to 71.70): BM007358.D (-267) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 4.06 ng

RT: 7.23 min Scan# 287

Delta R.T. 0.00 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

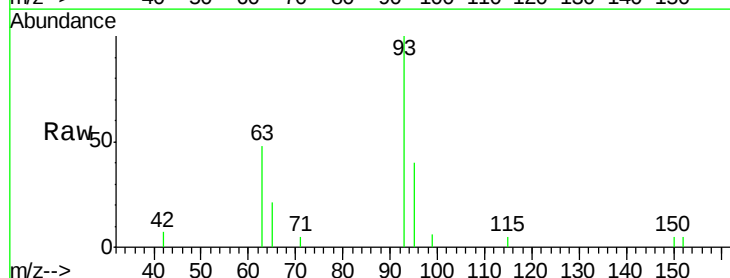
Tgt Ion: 93 Resp: 1736

Ion Ratio Lower Upper

93 100

63 70.8 54.3 81.5

95 33.2 25.7 38.5

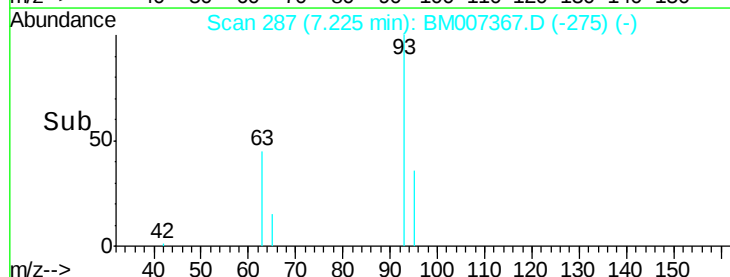


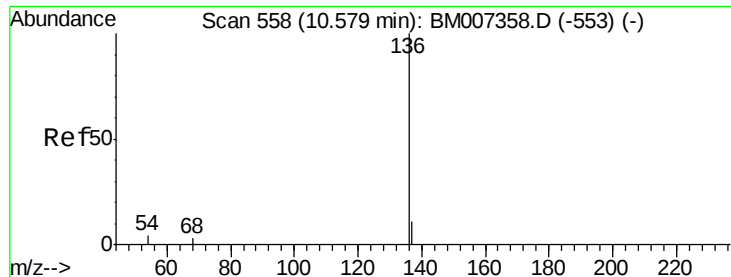
Abundance Ion 93.00 (92.70 to 93.70): BM007358.D (-285) (-)

Ion 63.00 (62.70 to 63.70): BM007358.D (-285) (-)

Ion 95.00 (94.70 to 95.70): BM007358.D (-285) (-)

Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.58 min Scan# 558

Delta R.T. 0.00 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

Instrument :

BNA_M

ClientSampleId :

PB93150BS

Tgt Ion:136 Resp: 8724

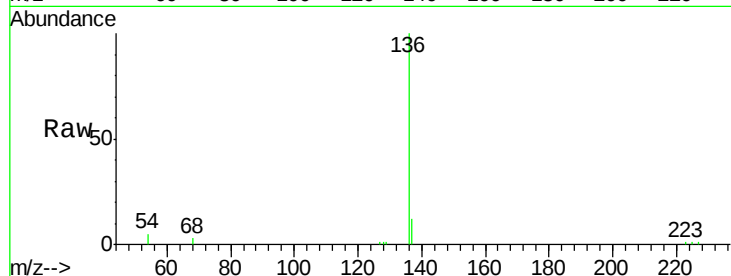
Ion Ratio Lower Upper

136 100

137 12.1 9.4 14.0

54 4.6 4.0 6.0

68 3.3 2.7 4.1

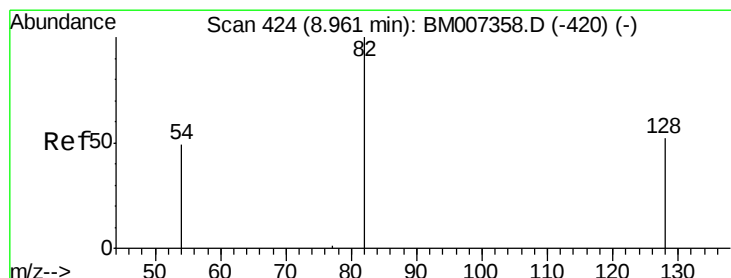
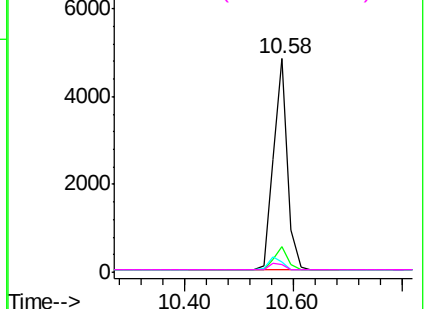
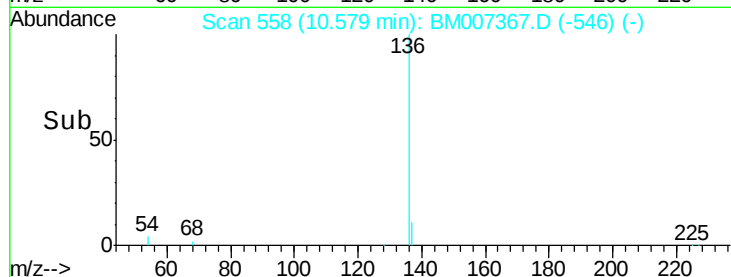


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#8

Nitrobenzene-d5

Concen: 3.77 ng

RT: 8.95 min Scan# 423

Delta R.T. -0.01 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

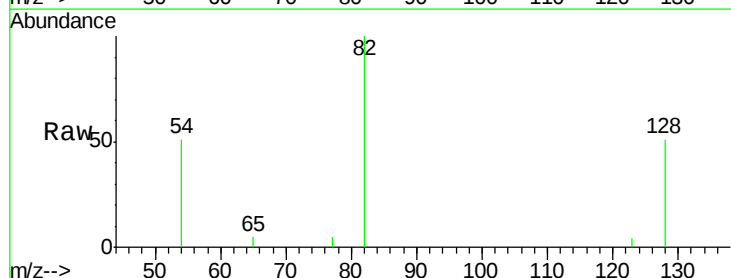
Tgt Ion: 82 Resp: 1844

Ion Ratio Lower Upper

82 100

128 51.1 54.9 82.3#

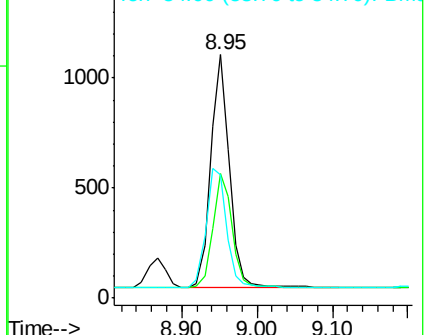
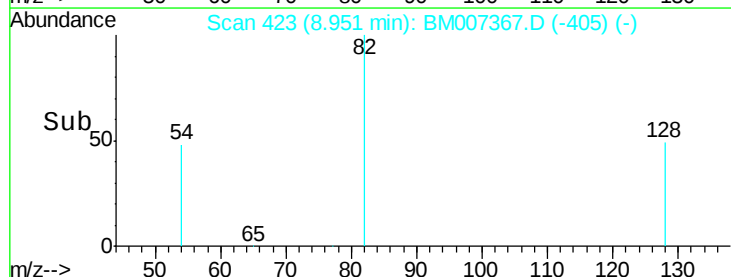
54 50.7 53.8 80.6#

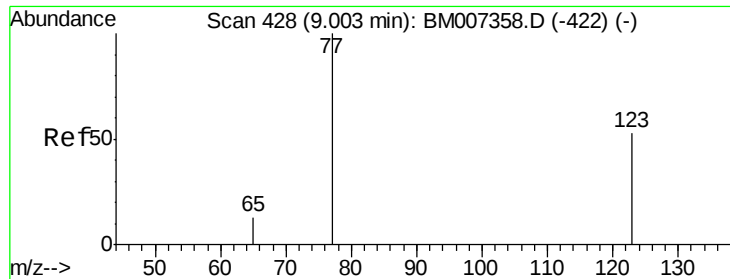


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

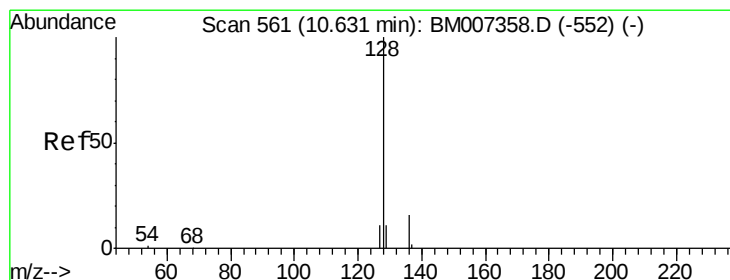
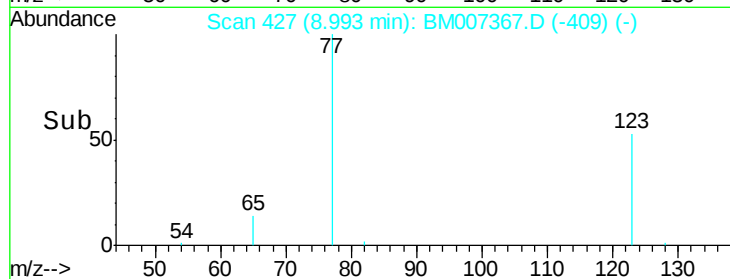
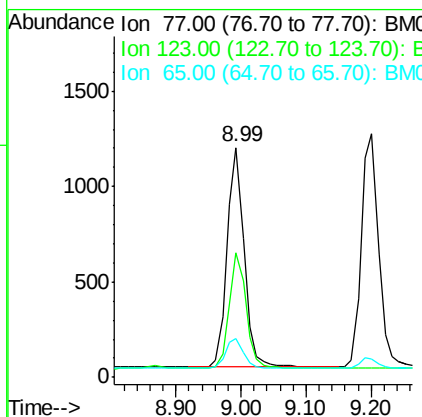
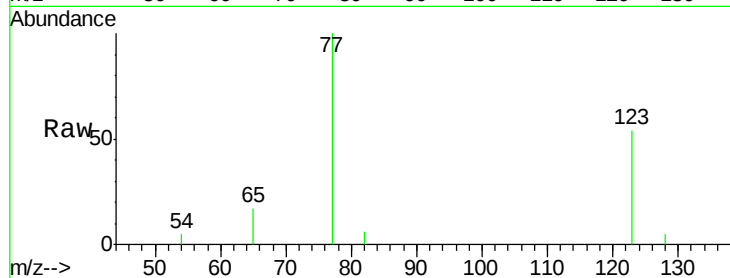




#9
Nitrobenzene
Concen: 4.45 ng
RT: 8.99 min Scan# 427
Delta R.T. -0.01 min
Lab File: BM007367.D
Acq: 02 Sep 2016 14:03

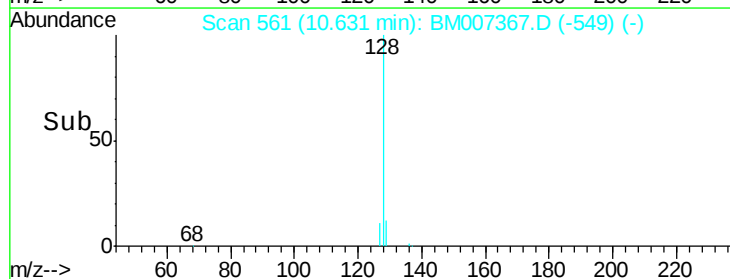
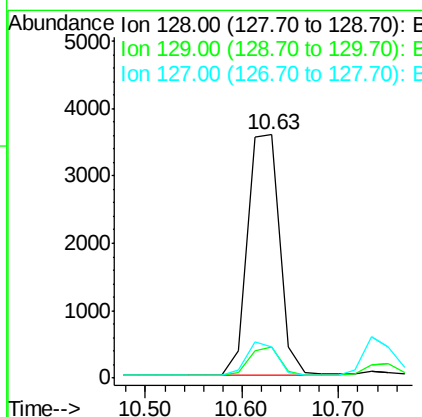
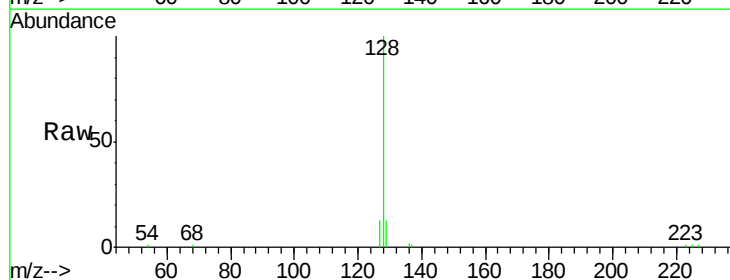
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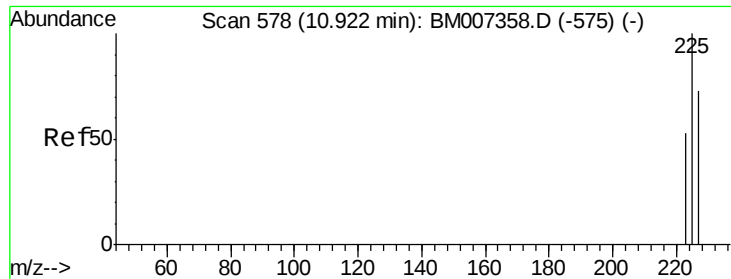
Tgt Ion: 77 Resp: 2093
Ion Ratio Lower Upper
77 100
123 52.4 40.0 60.0
65 14.3 10.6 15.8



#10
Naphthalene
Concen: 4.09 ng
RT: 10.63 min Scan# 561
Delta R.T. 0.00 min
Lab File: BM007367.D
Acq: 02 Sep 2016 14:03

Tgt Ion: 128 Resp: 8165
Ion Ratio Lower Upper
128 100
129 12.9 15.5 23.3#
127 12.5 15.5 23.3#

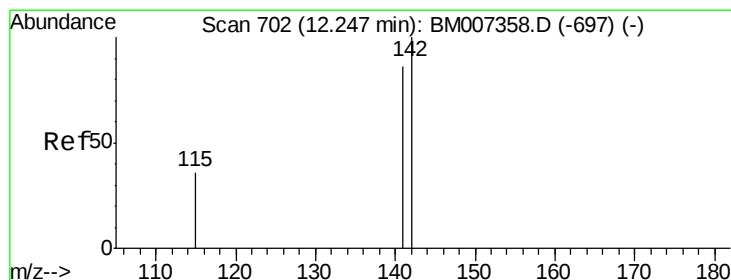
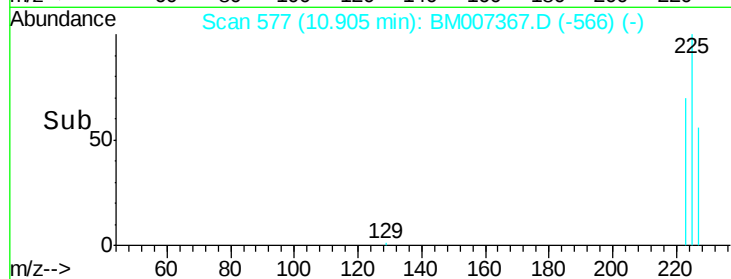
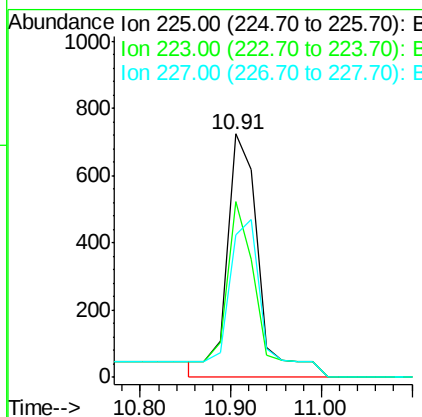
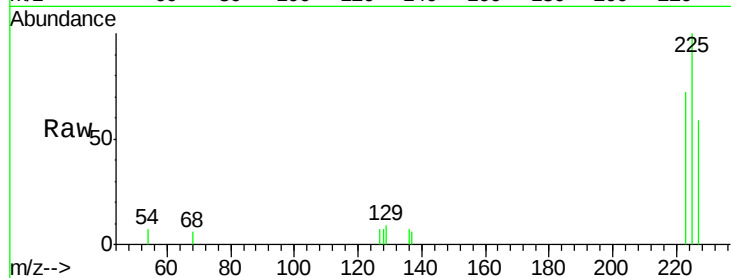




#11
Hexachlorobutadiene
Concen: 4.68 ng
RT: 10.91 min Scan# 577
Delta R.T. -0.02 min
Lab File: BM007367.D
Acq: 02 Sep 2016 14:03

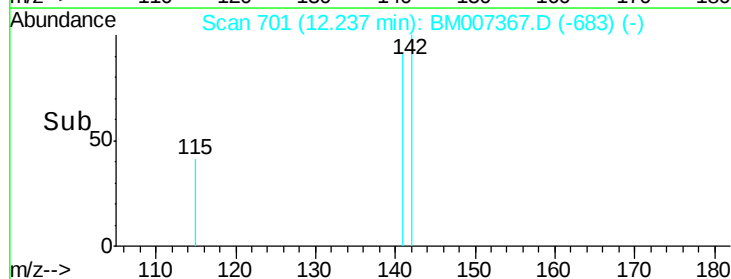
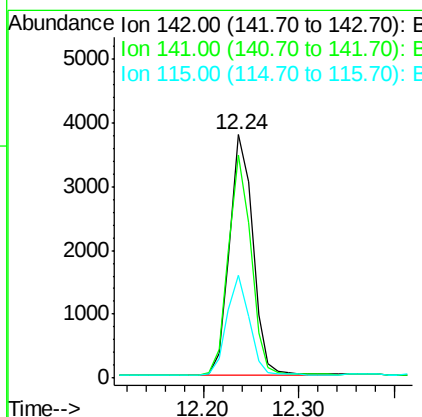
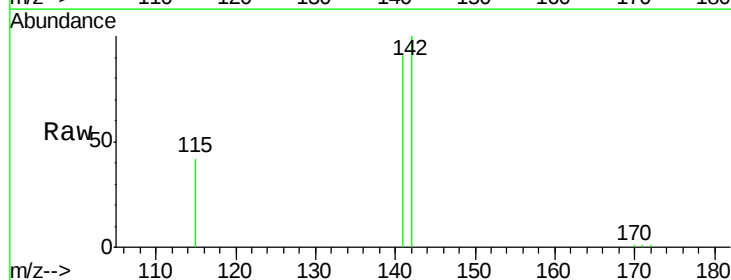
Instrument :
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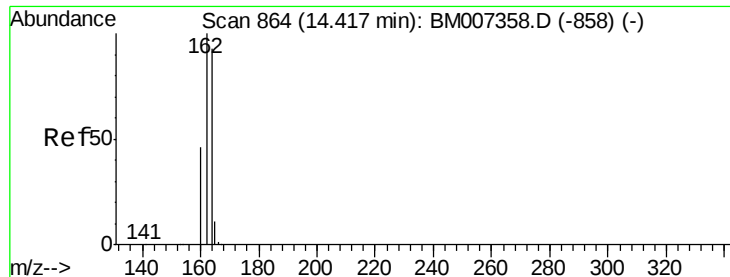
Tgt Ion: 225 Resp: 1710
Ion Ratio Lower Upper
225 100
223 71.3 197.7 296.5#
227 68.7 196.2 294.4#



#12
2-Methylnaphthalene
Concen: 4.48 ng
RT: 12.24 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM007367.D
Acq: 02 Sep 2016 14:03

Tgt Ion: 142 Resp: 6394
Ion Ratio Lower Upper
142 100
141 91.4 70.2 105.4
115 42.1 35.7 53.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 864

Delta R.T. 0.00 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

Instrument :

BNA_M

ClientSampleId :

PB93150BS

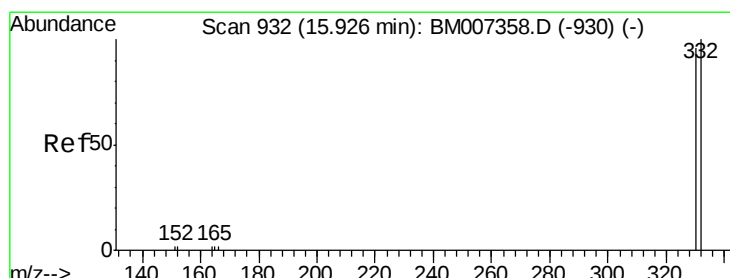
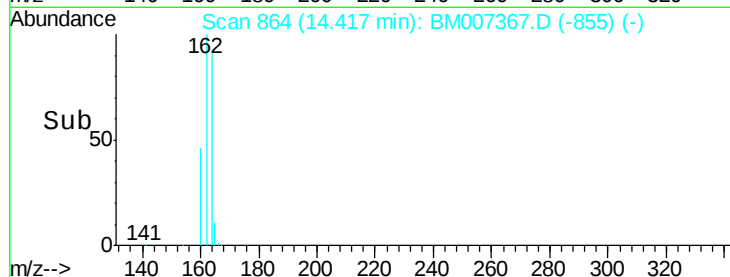
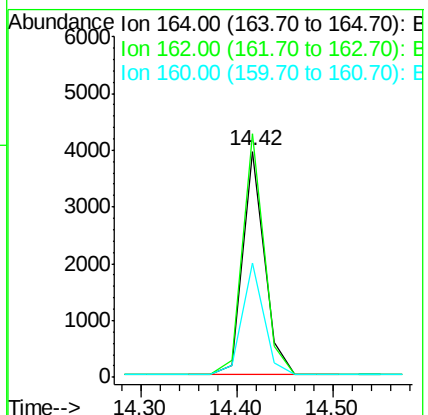
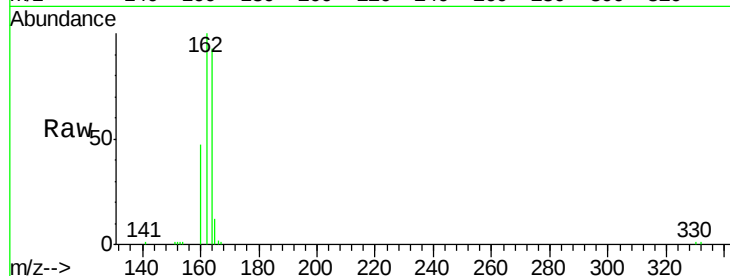
Tgt Ion:164 Resp: 6202

Ion Ratio Lower Upper

164 100

162 107.9 86.2 129.4

160 50.6 40.5 60.7



#14

2,4,6-Tribromophenol

Concen: 9.97 ng

RT: 15.90 min Scan# 931

Delta R.T. -0.02 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

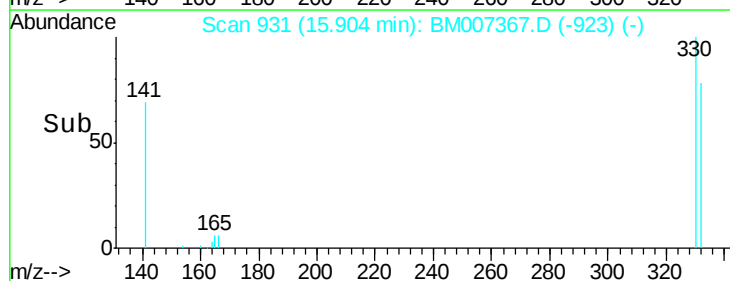
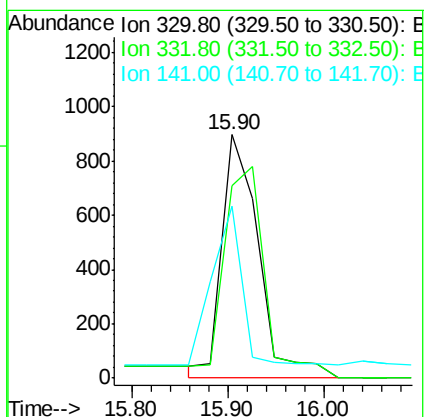
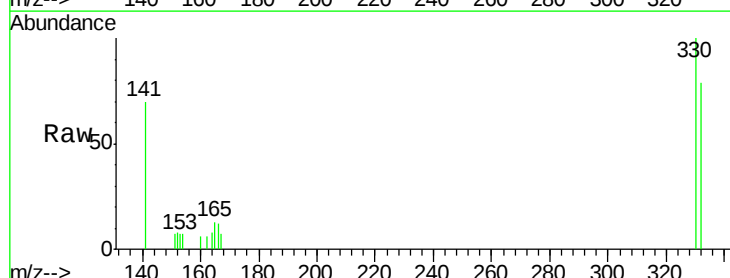
Tgt Ion:330 Resp: 2393

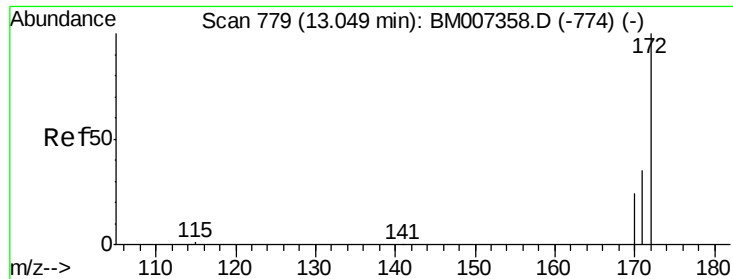
Ion Ratio Lower Upper

330 100

332 0.0 79.2 118.8#

141 52.3 0.0 0.0#

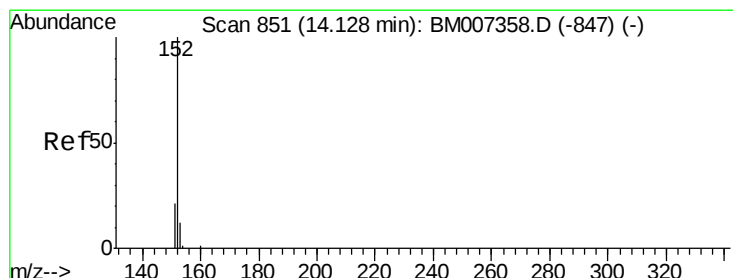
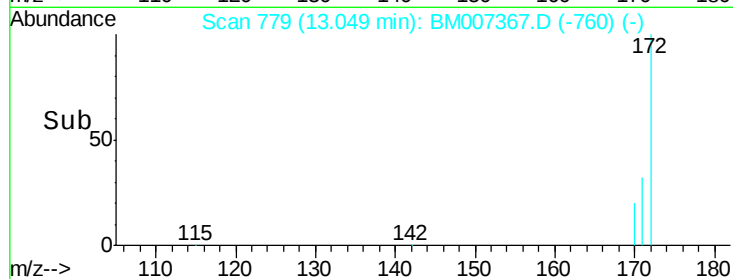
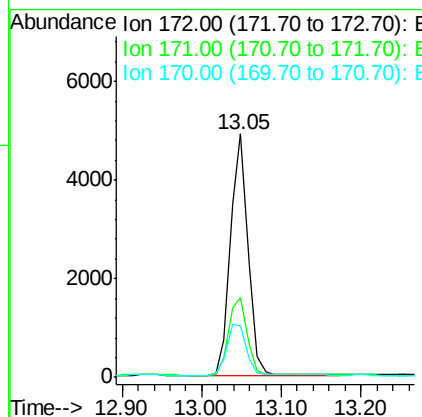
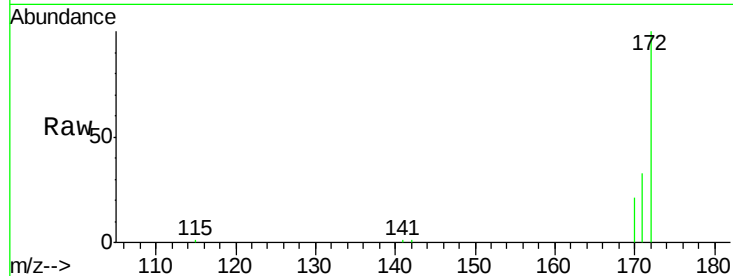




#15
2-Fluorobiphenyl
Concen: 3.85 ng
RT: 13.05 min Scan# 779
Delta R.T. 0.00 min
Lab File: BM007367.D
Acq: 02 Sep 2016 14:03

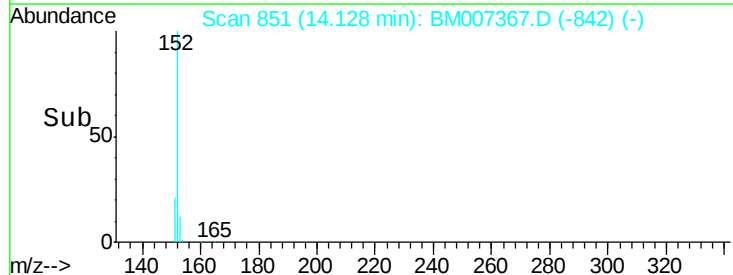
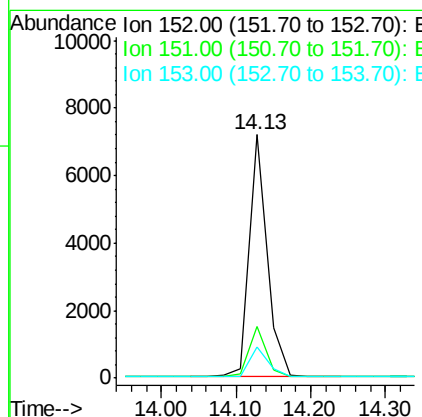
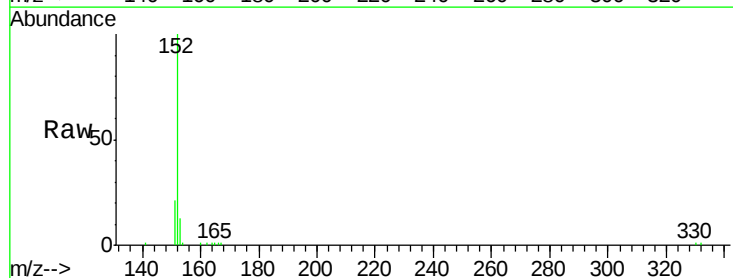
Instrument :
BNA_M
ClientSampleId :
PB93150BS

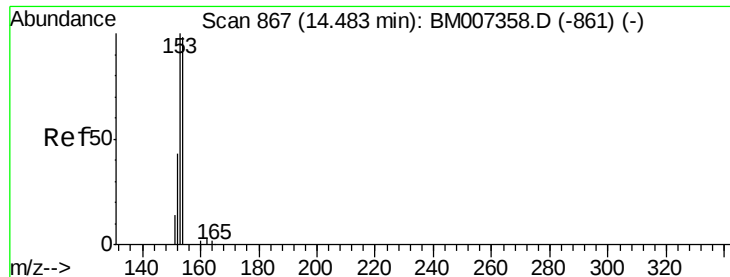
Tgt Ion:172 Resp: 7410
Ion Ratio Lower Upper
172 100
171 33.0 32.2 48.2
170 21.2 23.5 35.3#



#16
Acenaphthylene
Concen: 4.45 ng
RT: 14.13 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM007367.D
Acq: 02 Sep 2016 14:03

Tgt Ion:152 Resp: 11940
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 12.8 10.1 15.1

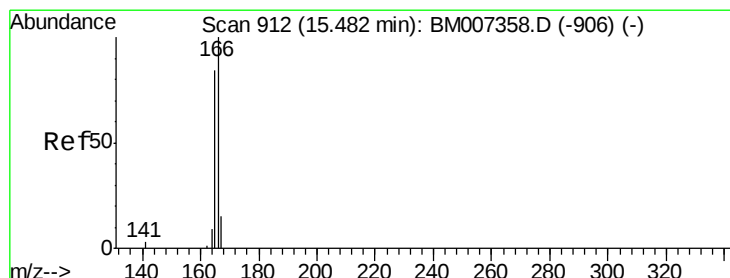
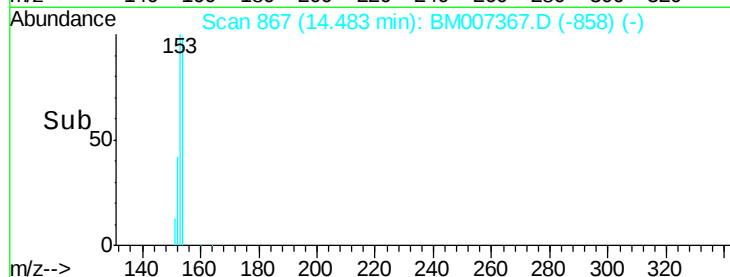
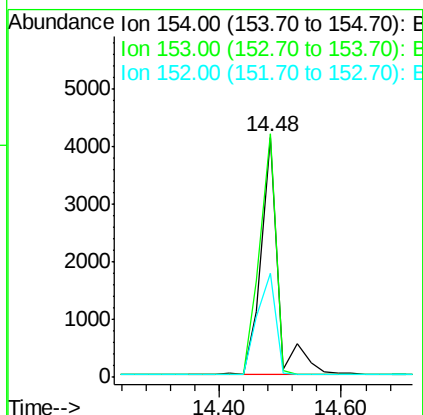
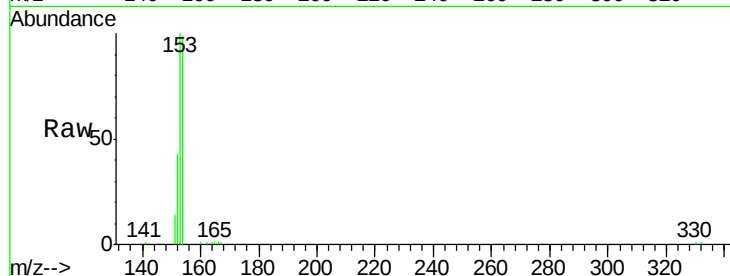




#17
Acenaphthene
Concen: 4.41 ng
RT: 14.48 min Scan# 867
Delta R.T. 0.00 min
Lab File: BM007367.D
Acq: 02 Sep 2016 14:03

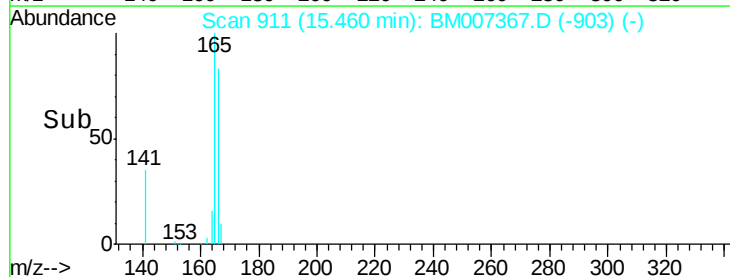
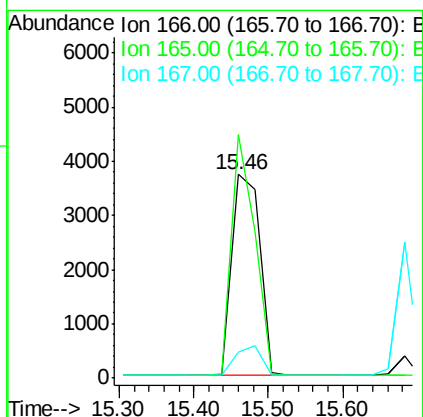
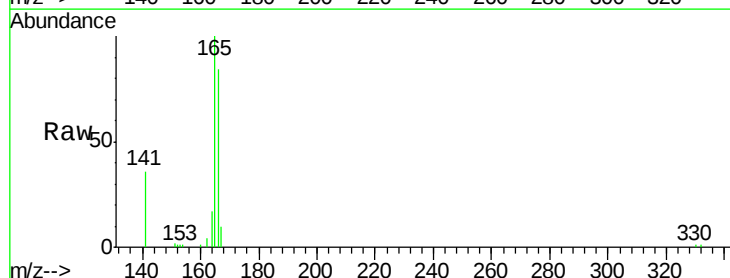
Instrument :
BNA_M
ClientSampleId :
PB93150BS

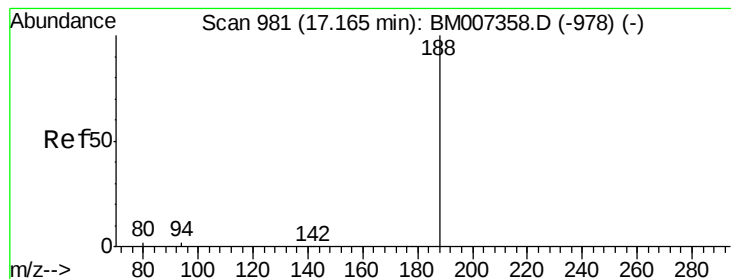
Tgt Ion:154 Resp: 8185
Ion Ratio Lower Upper
154 100
153 96.0 85.1 127.7
152 45.8 40.9 61.3



#18
Fluorene
Concen: 4.42 ng
RT: 15.46 min Scan# 911
Delta R.T. -0.02 min
Lab File: BM007367.D
Acq: 02 Sep 2016 14:03

Tgt Ion:166 Resp: 9627
Ion Ratio Lower Upper
166 100
165 99.6 78.8 118.2
167 0.0 10.8 16.2#





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.16 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

Instrument :

BNA_M

ClientSampleId :

PB93150BS

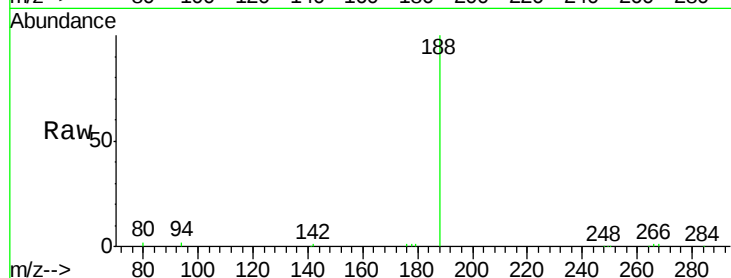
Tgt Ion:188 Resp: 17405

Ion Ratio Lower Upper

188 100

94 2.3 2.0 3.0

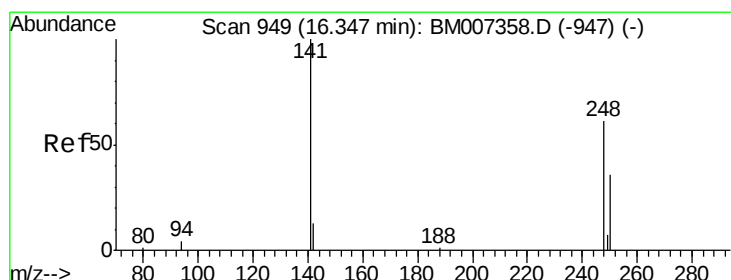
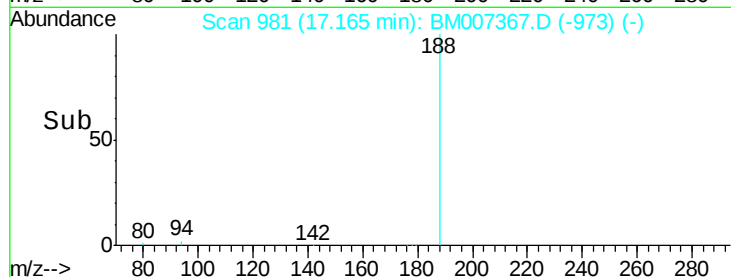
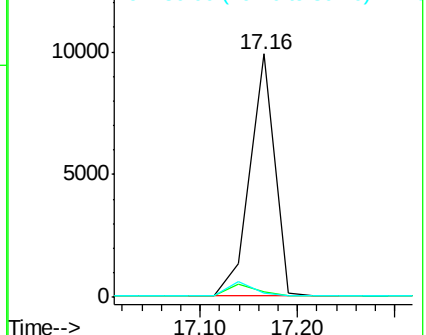
80 1.9 1.6 2.4



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



#20

4-Bromophenyl-phenylether

Concen: 4.28 ng

RT: 16.35 min Scan# 949

Delta R.T. 0.00 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

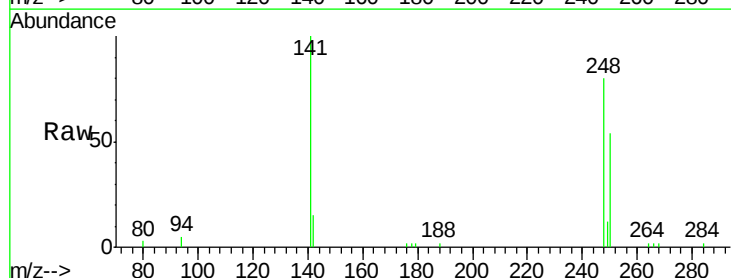
Tgt Ion:248 Resp: 3010

Ion Ratio Lower Upper

248 100

250 85.6 0.0 0.0#

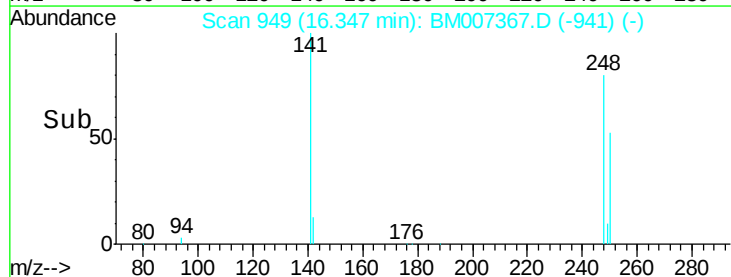
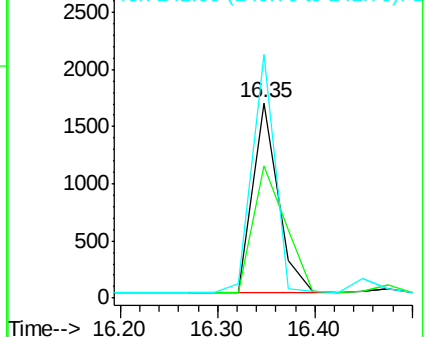
141 112.6 98.2 147.4

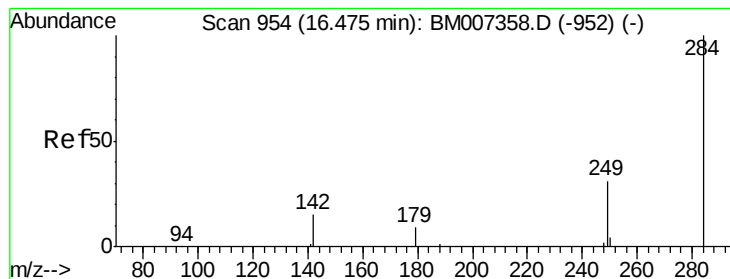


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 4.10 ng

RT: 16.47 min Scan# 954

Delta R.T. 0.00 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

Instrument :

BNA_M

ClientSampleId :

PB93150BS

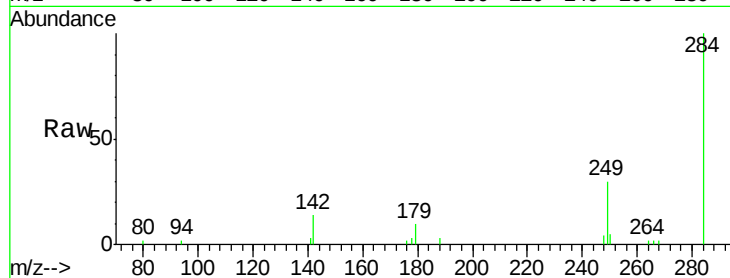
Tgt Ion:284 Resp: 3651

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

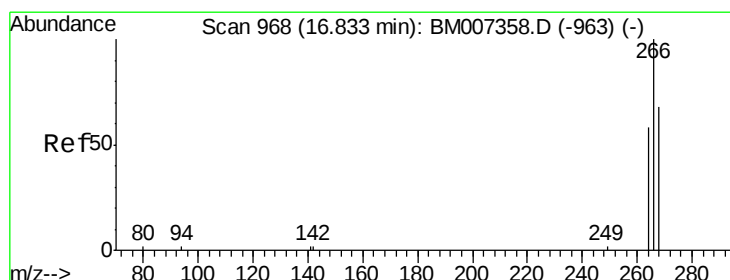
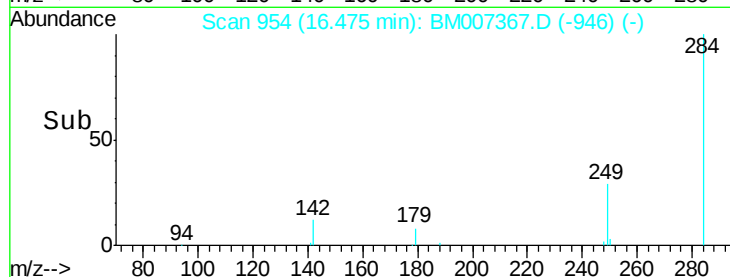
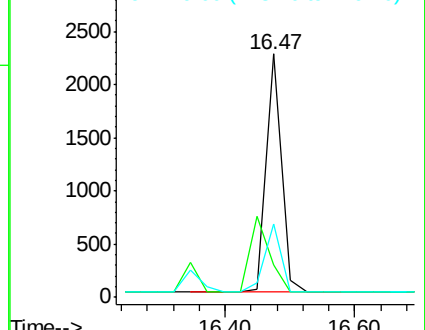
249 31.3 26.6 40.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 10.39 ng

RT: 16.81 min Scan# 967

Delta R.T. -0.02 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

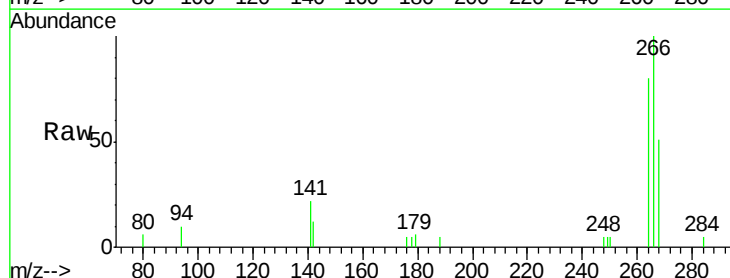
Tgt Ion:266 Resp: 2849

Ion Ratio Lower Upper

266 100

268 51.0 66.4 99.6#

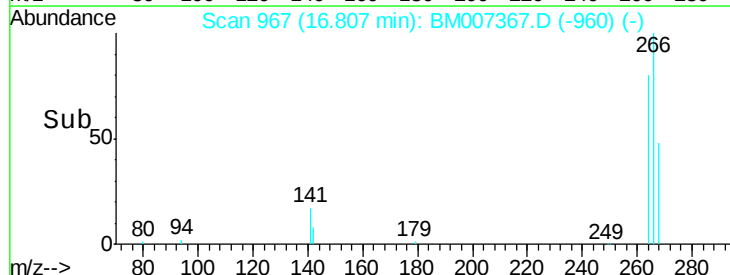
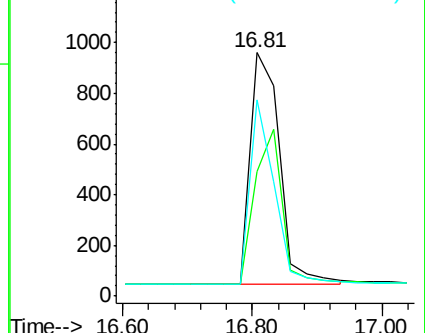
264 80.4 61.6 92.4

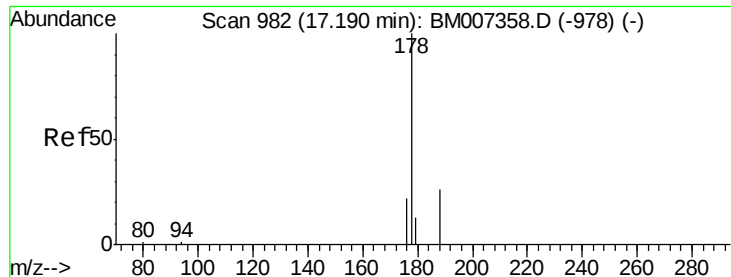


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

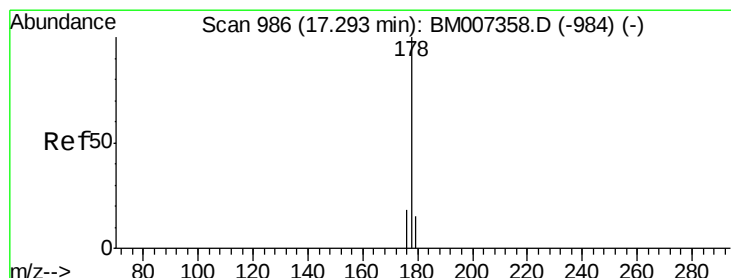
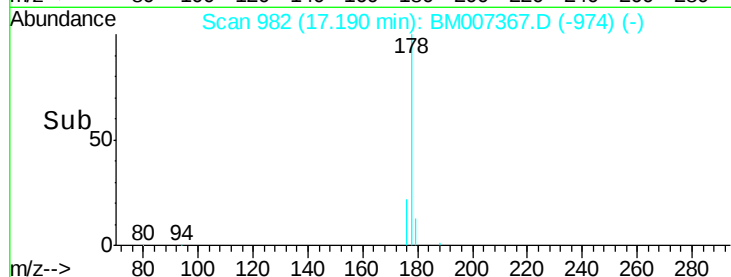
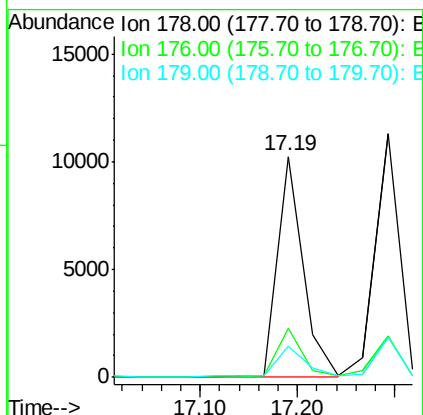
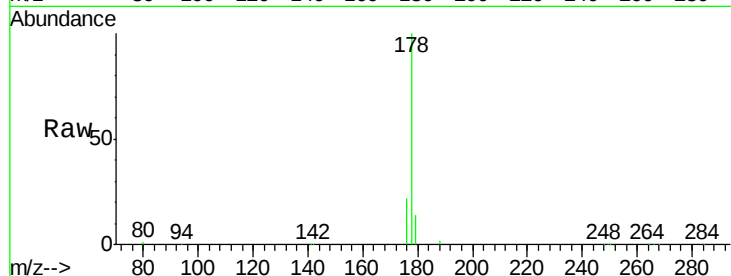




#23
Phenanthrene
Concen: 4.20 ng
RT: 17.19 min Scan# 982
Delta R.T. 0.00 min
Lab File: BM007367.D
Acq: 02 Sep 2016 14:03

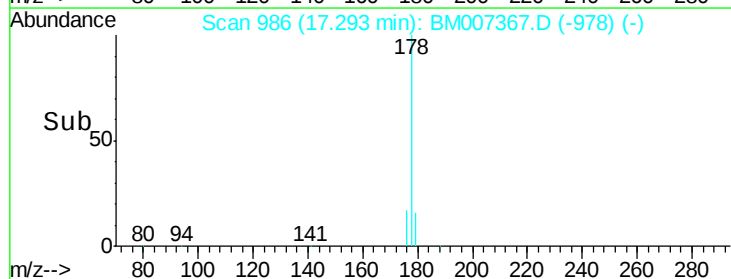
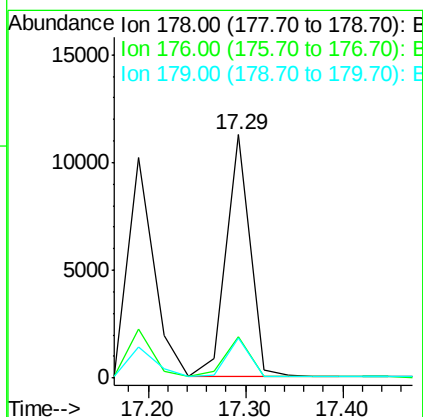
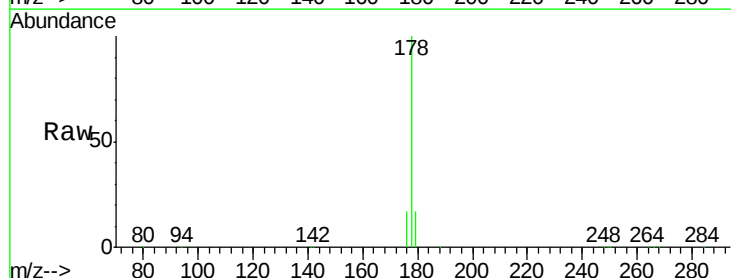
Instrument :
BNA_M
ClientSampleId :
PB93150BS

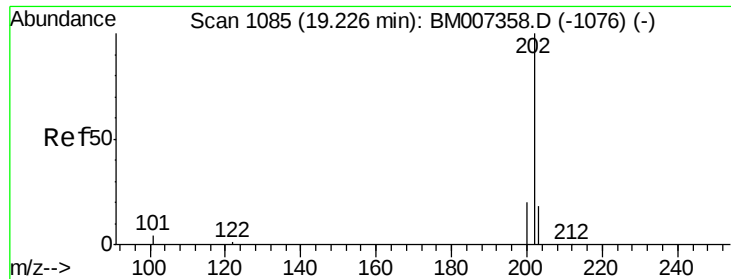
Tgt Ion:178 Resp: 18663
Ion Ratio Lower Upper
178 100
176 20.6 16.6 24.8
179 14.6 12.5 18.7



#24
Anthracene
Concen: 4.29 ng
RT: 17.29 min Scan# 986
Delta R.T. 0.00 min
Lab File: BM007367.D
Acq: 02 Sep 2016 14:03

Tgt Ion:178 Resp: 19150
Ion Ratio Lower Upper
178 100
176 17.5 14.8 22.2
179 16.1 12.2 18.2

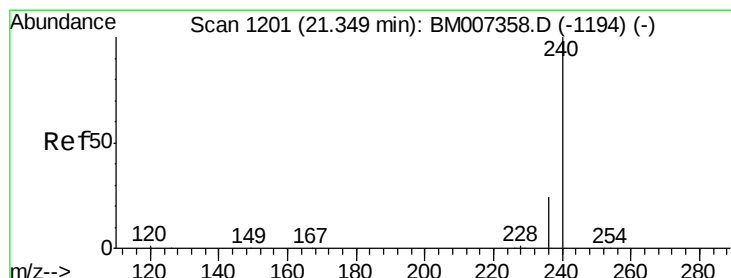
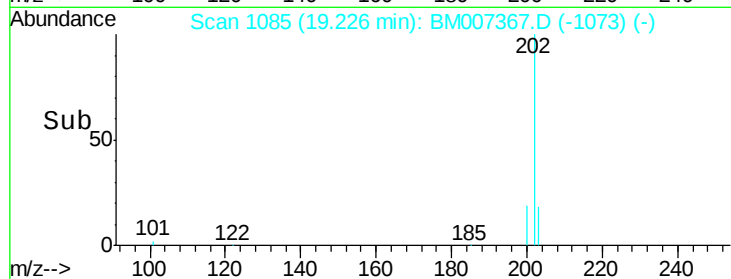
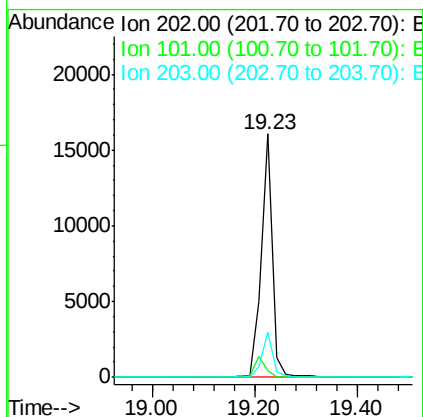
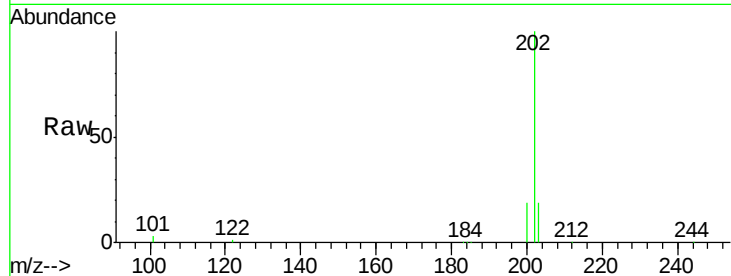




#25
Fluoranthene
Concen: 4.45 ng
RT: 19.23 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BM007367.D
Acq: 02 Sep 2016 14:03

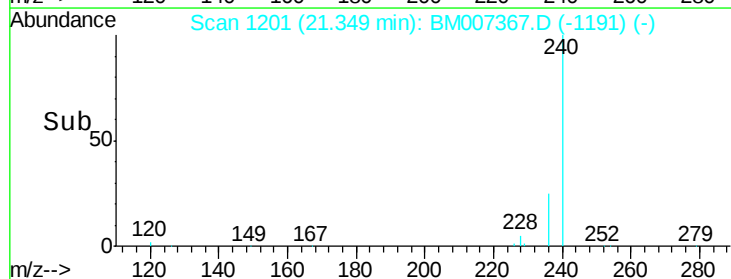
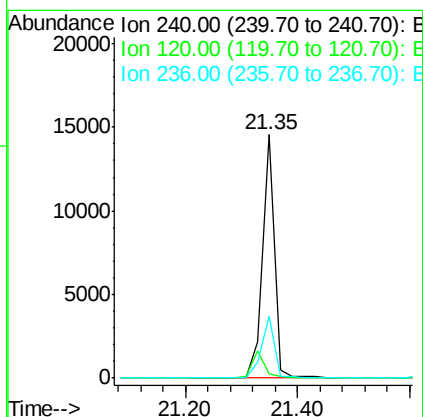
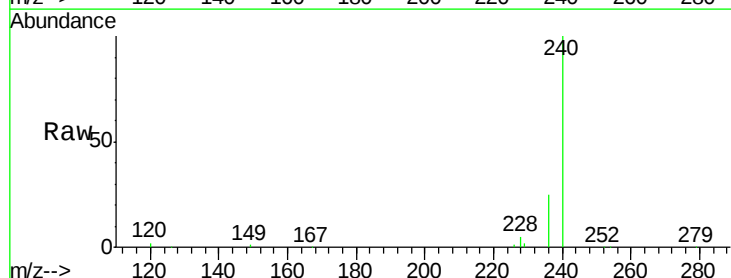
Instrument :
BNA_M
ClientSampleId :
PB93150BS

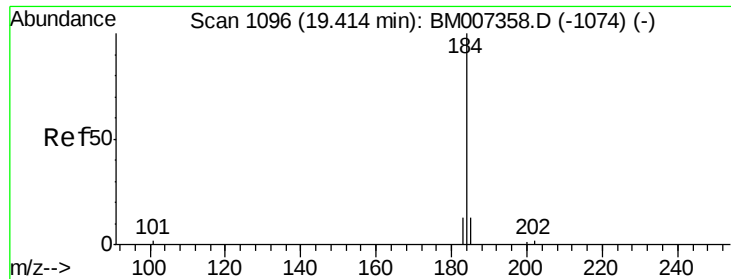
Tgt Ion: 202 Resp: 23274
Ion Ratio Lower Upper
202 100
101 8.0 6.5 9.7
203 17.6 14.2 21.2



#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.35 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BM007367.D
Acq: 02 Sep 2016 14:03

Tgt Ion: 240 Resp: 21212
Ion Ratio Lower Upper
240 100
120 1.9 1.3 1.9
236 25.3 19.1 28.7





#27

Benzidine

Concen: 0.21 ng

RT: 19.77 min Scan# 1117

Delta R.T. 0.36 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

Instrument :

BNA_M

ClientSampleId :

PB93150BS

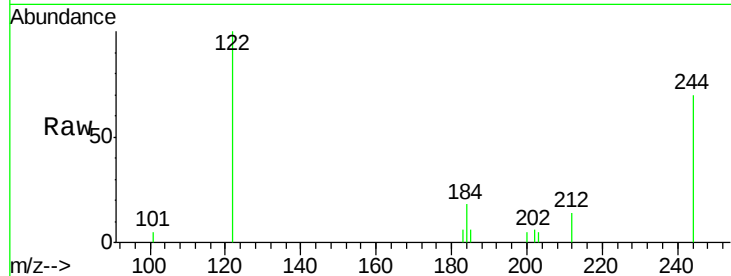
Tgt Ion:184 Resp: 284

Ion Ratio Lower Upper

184 100

185 34.0 29.8 44.8

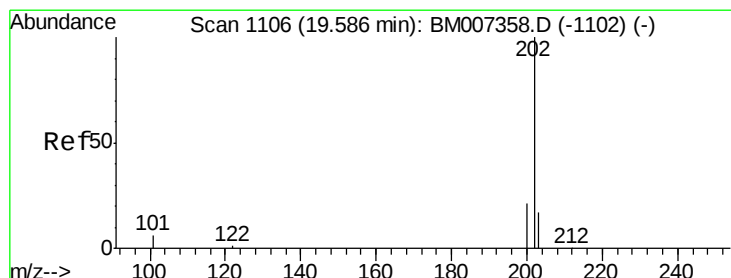
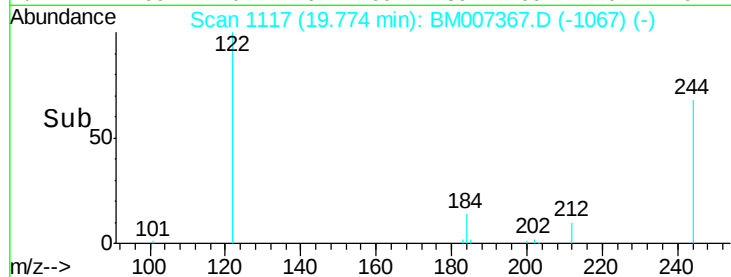
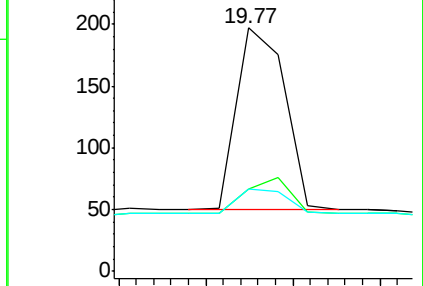
183 34.0 29.8 44.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 4.16 ng

RT: 19.59 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

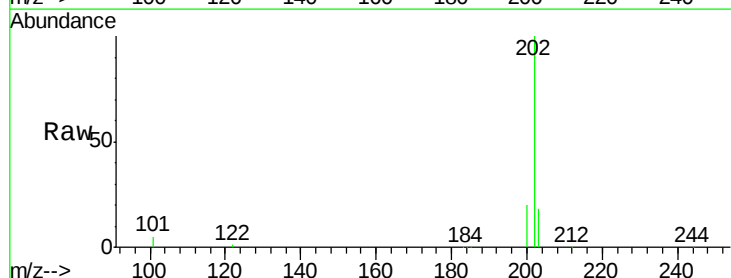
Tgt Ion:202 Resp: 25175

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

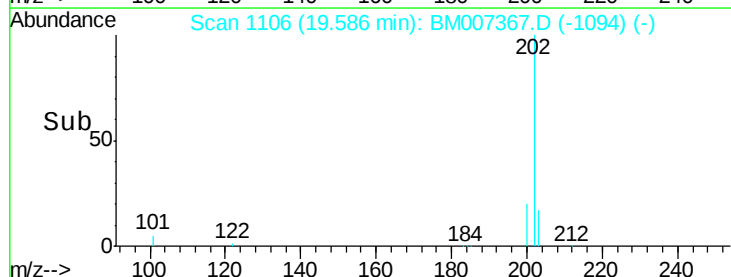
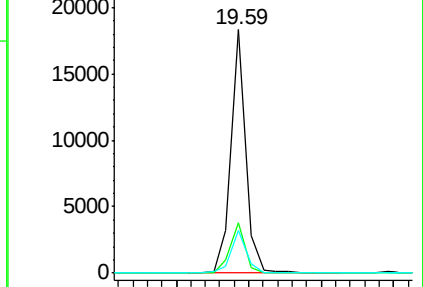
203 17.8 13.8 20.8

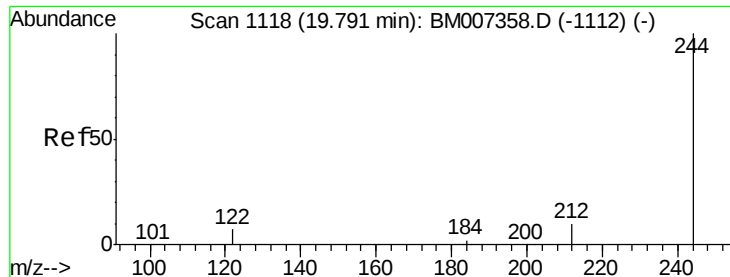


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.97 ng

RT: 19.79 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

Instrument :

BNA_M

ClientSampleId :

PB93150BS

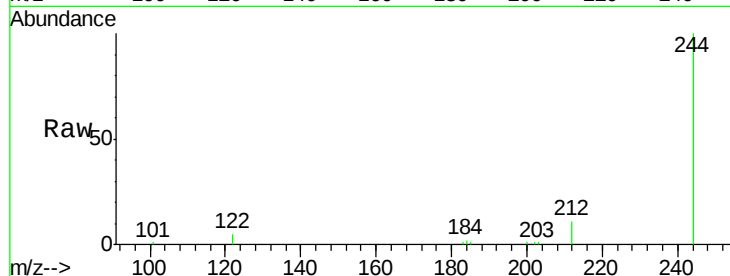
Tgt Ion:244 Resp: 11305

Ion Ratio Lower Upper

244 100

212 10.6 12.2 18.4#

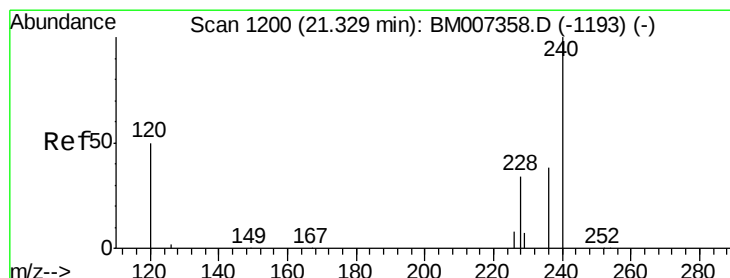
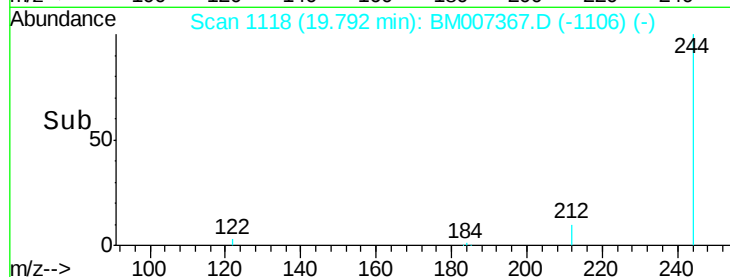
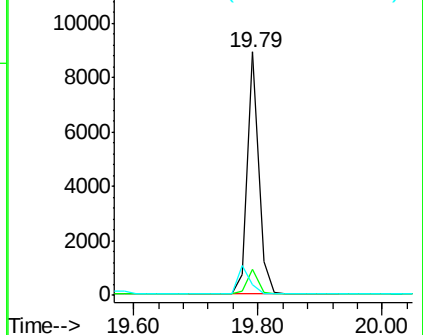
122 4.5 9.6 14.4#



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



#30

Benzo(a)anthracene

Concen: 7.97 ng

RT: 21.33 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

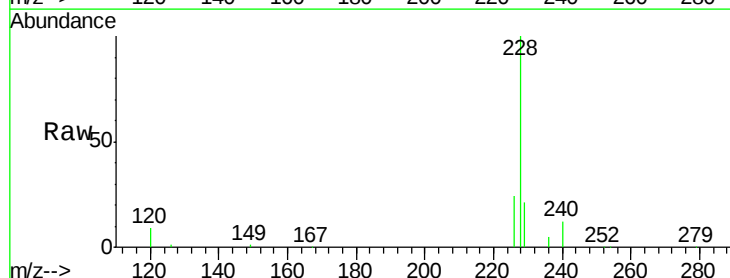
Tgt Ion:228 Resp: 48904

Ion Ratio Lower Upper

228 100

226 24.4 20.4 30.6

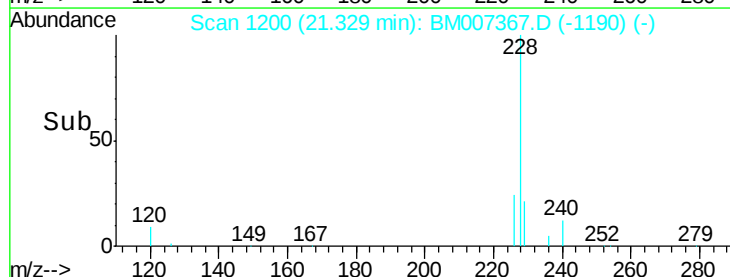
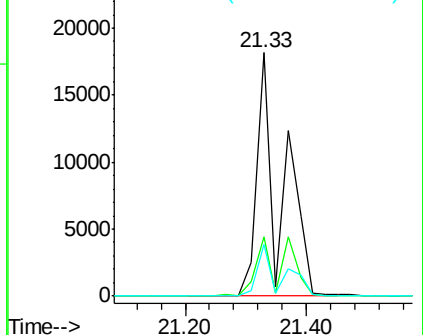
229 21.0 19.0 28.4

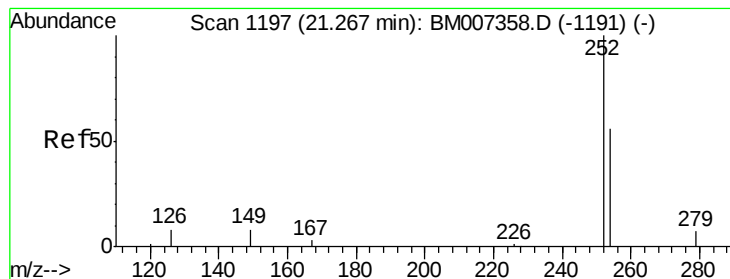


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 2.42 ng

RT: 21.27 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

Instrument :

BNA_M

ClientSampleId :

PB93150BS

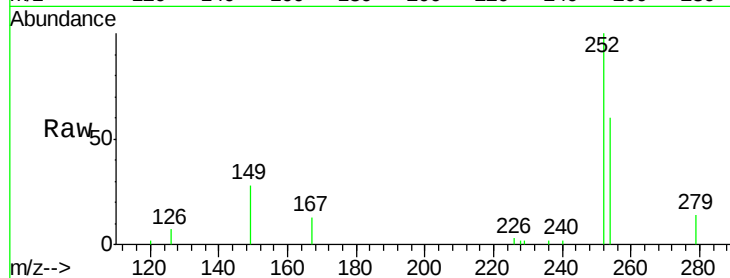
Tgt Ion:252 Resp: 4113

Ion Ratio Lower Upper

252 100

254 59.5 49.4 74.0

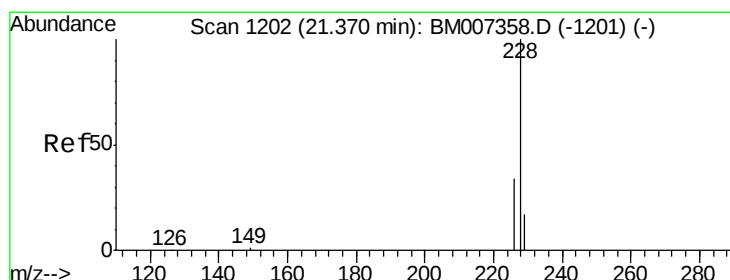
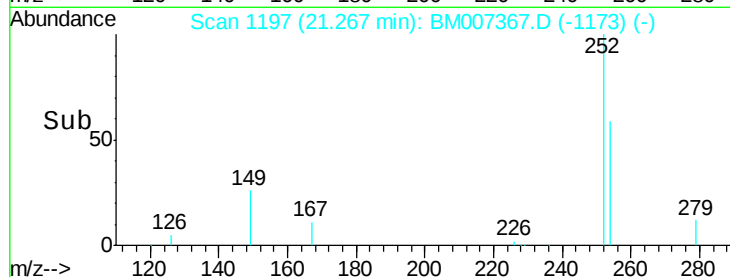
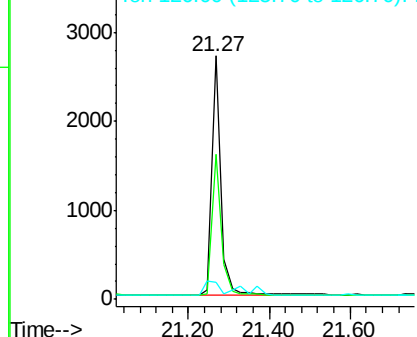
126 7.1 16.3 24.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#32

Chrysene

Concen: 8.20 ng

RT: 21.33 min Scan# 1200

Delta R.T. -0.04 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

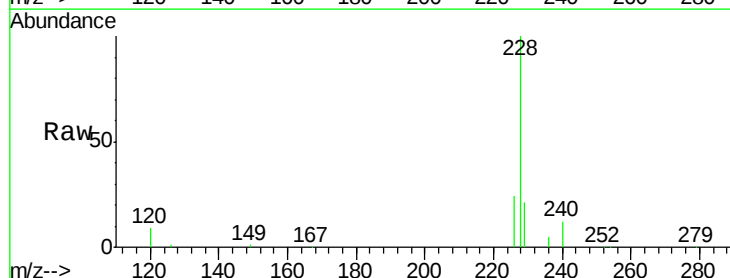
Tgt Ion:228 Resp: 48976

Ion Ratio Lower Upper

228 100

226 24.4 28.3 42.5#

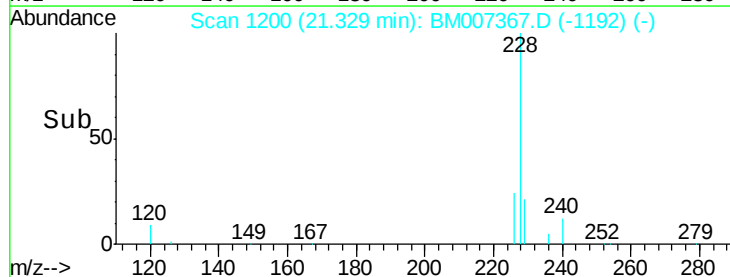
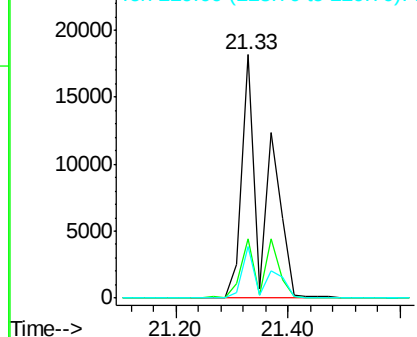
229 21.0 15.7 23.5

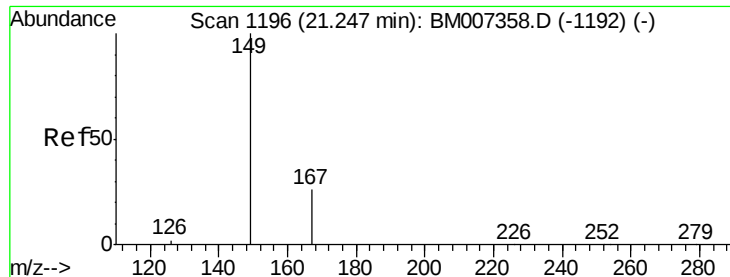


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 4.68 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

Instrument :

BNA_M

ClientSampleId :

PB93150BS

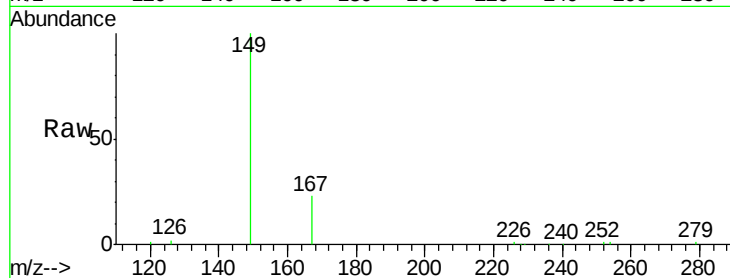
Tgt Ion:149 Resp: 14964

Ion Ratio Lower Upper

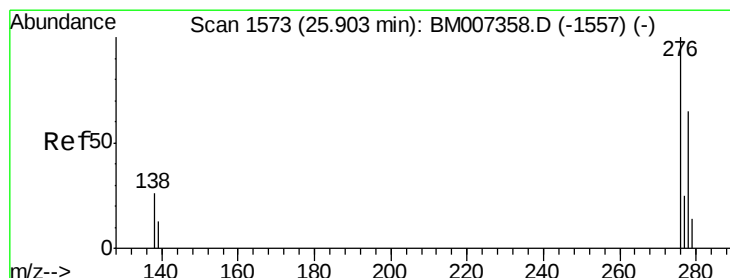
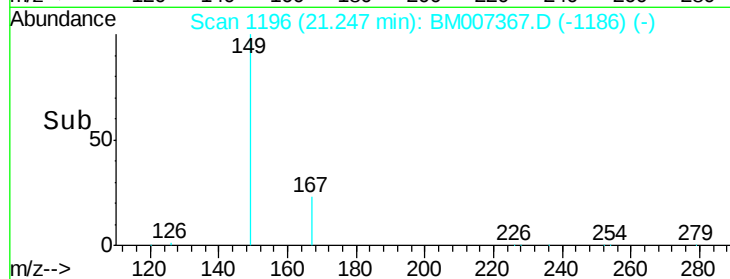
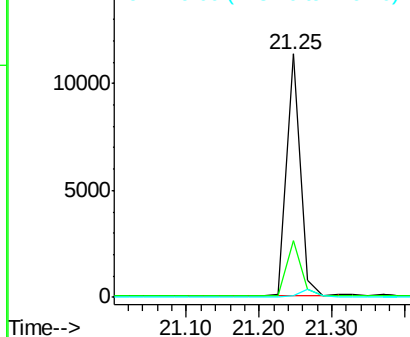
149 100

167 24.1 21.0 31.4

279 0.0 0.0 0.0



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



#34

Indeno(1,2,3-cd)pyrene

Concen: 4.18 ng

RT: 25.90 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

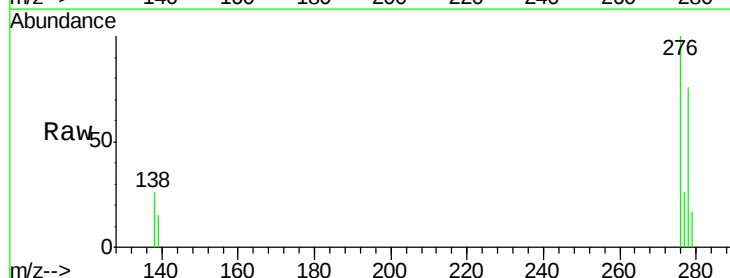
Tgt Ion:276 Resp: 21938

Ion Ratio Lower Upper

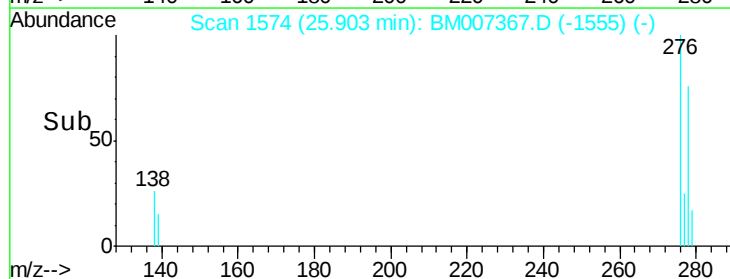
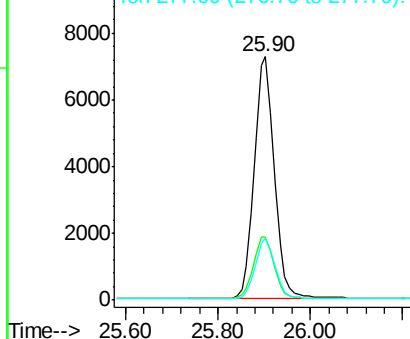
276 100

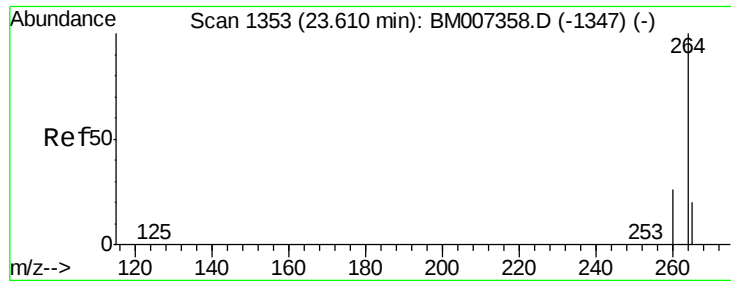
138 26.4 21.0 31.4

277 24.8 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

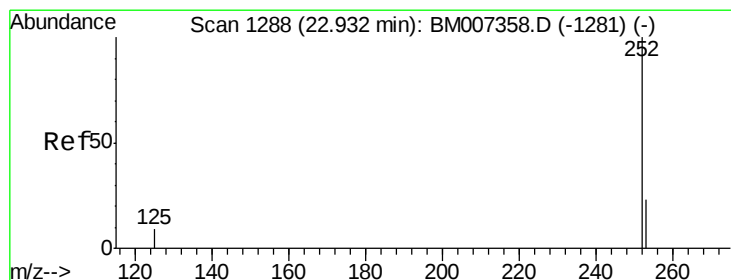
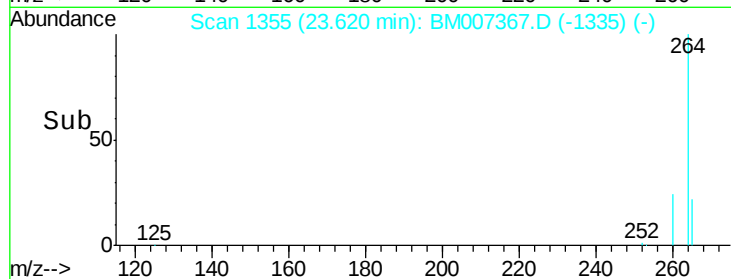
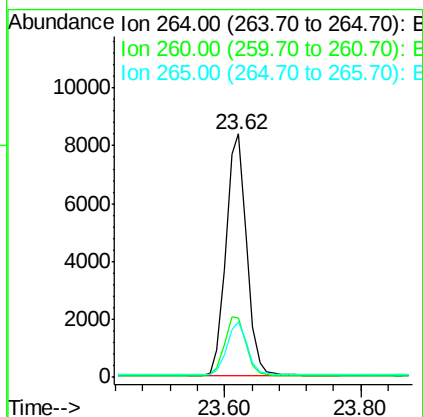
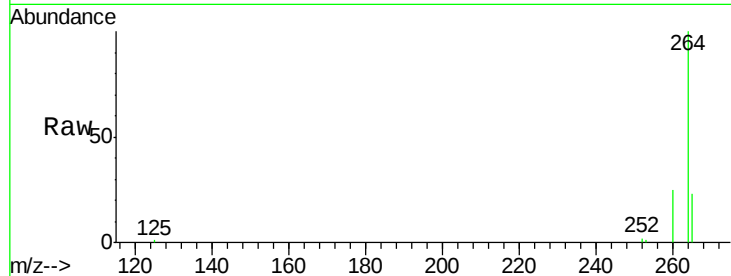




#35
Perylene-d12
 Concen: 5.00 ng
 RT: 23.62 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BM007367.D
 Acq: 02 Sep 2016 14:03

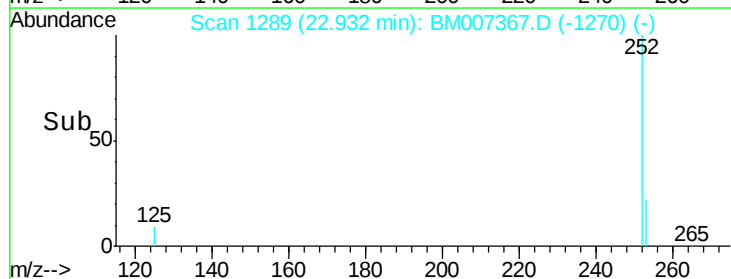
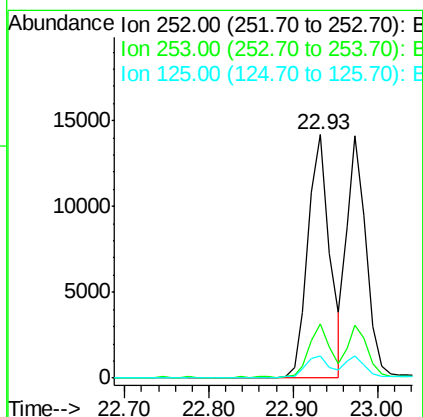
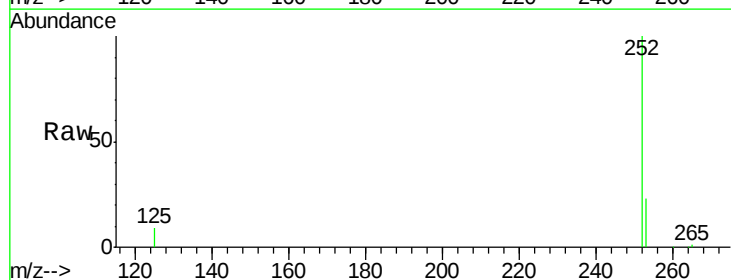
Instrument :
 BNA_M
 ClientSampled :
 PB93150BS

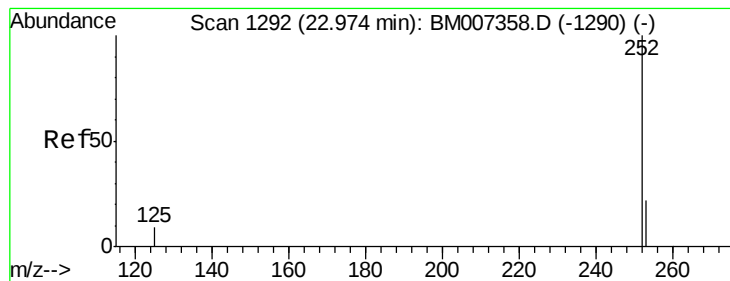
Tgt Ion: 264 Resp: 17656
 Ion Ratio Lower Upper
 264 100
 260 24.6 21.2 31.8
 265 22.8 17.1 25.7



#36
Benzo(b)fluoranthene
 Concen: 4.58 ng
 RT: 22.93 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BM007367.D
 Acq: 02 Sep 2016 14:03

Tgt Ion: 252 Resp: 25226
 Ion Ratio Lower Upper
 252 100
 253 22.5 21.4 32.2
 125 9.0 10.5 15.7#





#37

Benzo(k)fluoranthene

Concen: 4.49 ng

RT: 22.97 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

Instrument :

BNA_M

ClientSampleId :

PB93150BS

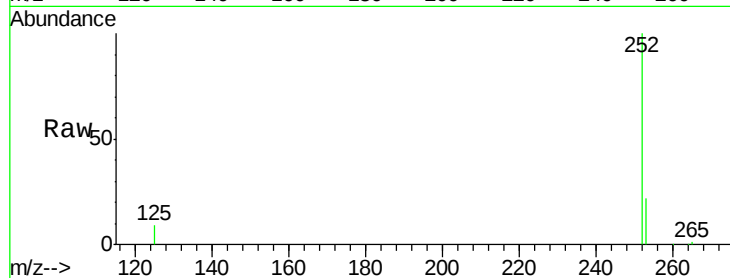
Tgt Ion:252 Resp: 22802

Ion Ratio Lower Upper

252 100

253 21.7 20.6 30.8

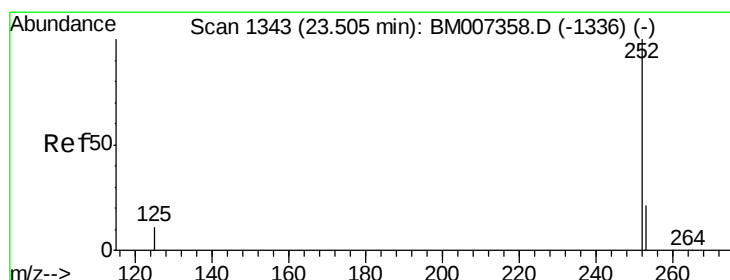
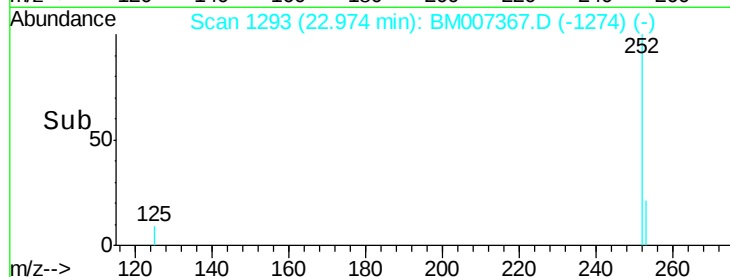
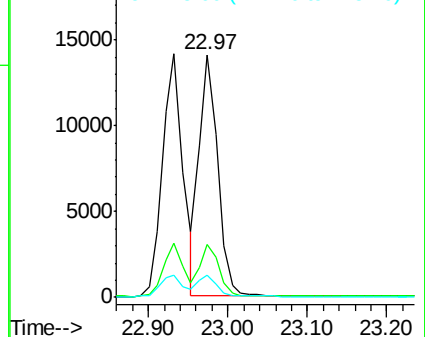
125 9.4 10.7 16.1#



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



#38

Benzo(a)pyrene

Concen: 4.46 ng

RT: 23.52 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

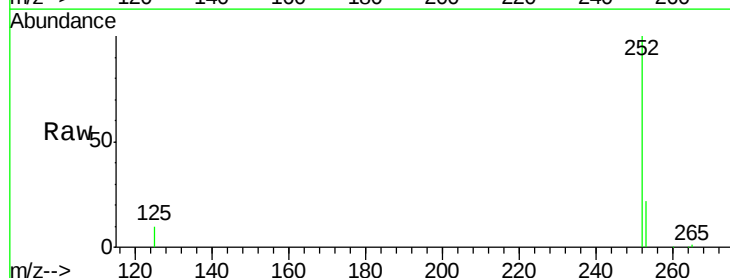
Tgt Ion:252 Resp: 21792

Ion Ratio Lower Upper

252 100

253 22.5 20.6 31.0

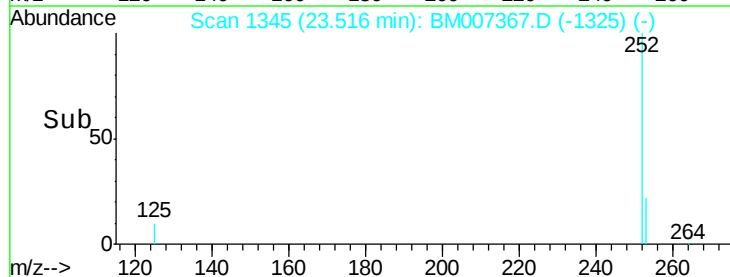
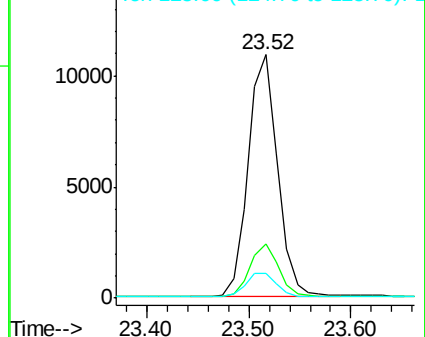
125 10.2 13.0 19.4#

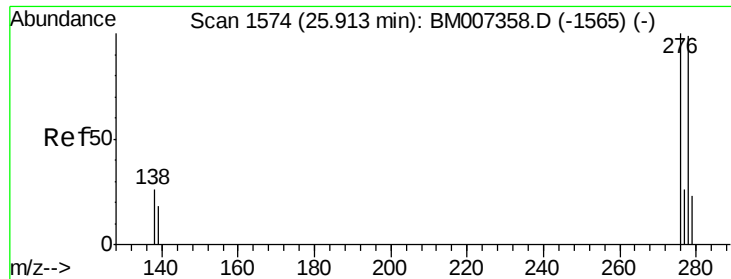


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 4.51 ng

RT: 25.91 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

Instrument :

BNA_M

ClientSampleId :

PB93150BS

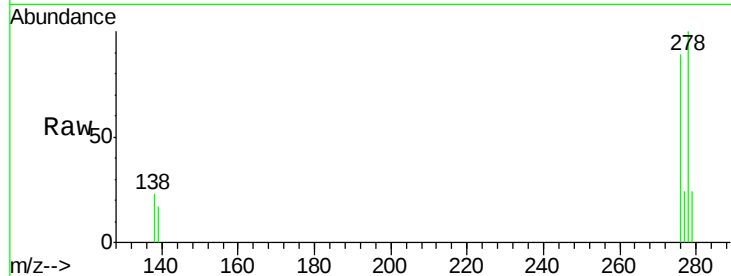
Tgt Ion: 278 Resp: 17879

Ion Ratio Lower Upper

278 100

139 17.4 20.4 30.6#

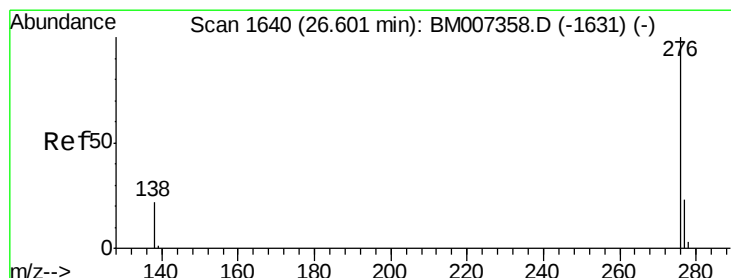
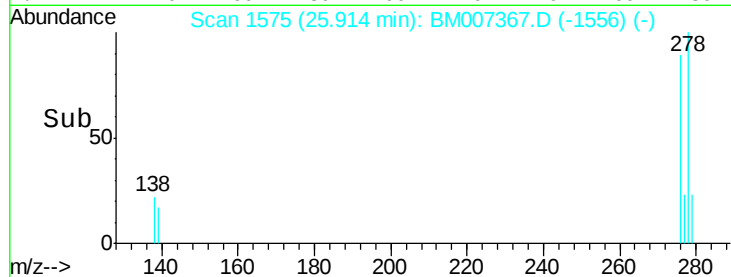
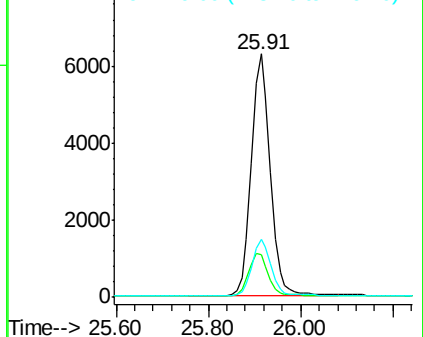
279 23.8 24.2 36.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 4.42 ng

RT: 26.60 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BM007367.D

Acq: 02 Sep 2016 14:03

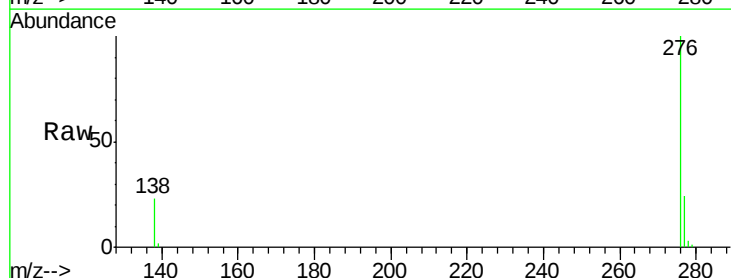
Tgt Ion: 276 Resp: 18168

Ion Ratio Lower Upper

276 100

277 24.0 24.2 36.2#

138 22.6 23.1 34.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

